

SURVEY OF CURRENT BUSINESS



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U.S. International Transactions, Second Quarter 2002

U.S. International Services, 2000-2001

Revised State Personal Income for 1999-2001

BUREAU OF ECONOMIC ANALYSIS
ECONOMICS AND STATISTICS ADMINISTRATION
U.S. DEPARTMENT OF COMMERCE



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Special in this issue

125 State Personal Income: Revised Estimates for 1999–2001

The annual estimates of State personal income for 1999–2001 have been revised to incorporate the results of the recent annual revision of the NIPA's and newly available State-level source data. In general, the revisions were small and upward for all 3 years; in contrast, the NIPA estimate of personal income for 2001 had been revised down substantially. The difference primarily reflected the timing of the incorporation of Bureau of Labor Statistics tabulations of wages and salaries for 2001. In 2001, personal income grew the fastest in New Mexico, and it grew the slowest in Michigan.

Regular features

1 Business Situation: Final Estimates for the Second Quarter of 2002

Real GDP slowed to a 1.3-percent increase in the second quarter of 2002, according to the “final” estimate, from a 5.0-percent increase in the first quarter; the “preliminary” estimate issued a month ago had shown a 1.1-percent increase. The primary contributor to the upward revision to GDP was an upward revision to exports of services. Corporate profits decreased \$12.6 billion (1.6 percent at a quarterly rate) in the second quarter after decreasing \$13.8 billion (1.7 percent) in the first.

39 U.S. International Transactions, Second Quarter 2002

The U.S. current-account deficit increased \$17.5 billion, to \$130.0 billion, in the second quarter of 2002. The increase was primarily accounted for by an increase in the deficit on goods, as imports increased more than exports. In the financial account, net recorded inflows decreased \$7.2 billion, to \$80.4 billion. Financial outflows for U.S.-owned assets abroad and financial inflows for foreign-owned assets in the United States both increased substantially, but the increase in financial outflows was larger.

67 U.S. International Services: Cross-Border Trade in 2001 and Sales Through Affiliates in 2000

In 2001, U.S. exports of private services decreased 4 percent, to \$266.2 billion, and U.S. imports of private services decreased 5 percent, to \$192.3 billion. The decreases in both exports and imports reflected the worldwide slowdown in economic growth and the effects of the terrorist attacks of September 11th. In 2000, the most recent year for which data are available, sales of private services abroad through foreign affiliates of U.S. companies increased 11 percent, to \$392.8 billion,

— Continued on the next page —

and sales of private services in the United States through U.S. affiliates of foreign companies increased 18 percent, to \$346.7 billion. These increases reflected the strong worldwide economy in 2000 and the continued worldwide boom in merger and acquisition activity.

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D–1 BEA Current and Historical Data

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LOOKING AHEAD

Gross Domestic Product by Industry. An article that presents new estimates of GDP by industry for 2001 and revised estimates for 1999 and 2000 is scheduled to be published in the November issue of the *SURVEY*. These estimates will incorporate the results of this year's annual revision of the NIPAs and newly available source data.

Business Situation

Final Estimates for the Second Quarter of 2002

ACCORDING to the “final” estimates of the national income and product accounts (NIPAs), real GDP increased 1.3 percent in the second quarter of 2002, 0.2 percentage point more than in last month’s preliminary estimates (table 1 and chart 1).¹ (Over the past 20 years, the average revision, without regard to the sign, from the preliminary estimate to the final estimate was 0.3 percentage point.) Real final sales of domestic product was also revised up 0.2 percentage point, from -0.3 percent in the preliminary estimate to -0.1 percent in the final. The source data underlying these and other revisions to the NIPAs are discussed in the section “Revisions.”

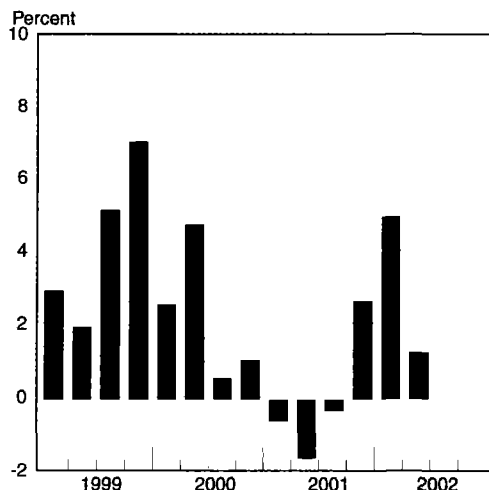
The picture of the economy shown in the final estimates for the second quarter is similar to that shown in

1. Quarterly estimates in the NIPAs are expressed at seasonally adjusted annual rates, unless otherwise specified. Quarter-to-quarter dollar changes are differences between these published estimates. Percent changes are calculated from unrounded data and annualized. “Real” estimates are in chained (1996) dollars, and price indexes are chain-type measures.

This article was prepared by Daniel Larkins and Frederick von Batchelder.

CHART 1

Real Gross Domestic Product



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

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the preliminary estimates. In both, GDP growth in the second quarter was much lower than the 5.0-percent growth in the first quarter, and in both, the deceleration was mainly accounted for by slowdowns in inventory investment, consumer spending, and government spending.² In addition, imports (which are subtracted in the calculation of GDP) accelerated sharply.

According to the final estimates,

- A swing from inventory liquidation to inventory accumulation contributed 1.31 percentage points to GDP growth in the second quarter; in the first quar-

2. In this article, “inventory investment” is shorthand for “change in private inventories,” “consumer spending” is shorthand for the NIPA series “personal consumption expenditures,” and “government spending” is shorthand for “government consumption expenditures and gross investment.”

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		2002	
	2002	2001	2002	2001	2002	III	IV	I	II
Gross domestic product	9,392.4	-6.7	62.4	114.4	29.2	-0.3	2.7	5.0	1.3
Less: Exports of goods and services.....	1,065.5	-50.8	-26.2	8.8	34.9	-17.3	-9.6	3.5	14.3
Plus: Imports of goods and services.....	1,552.9	-46.6	-19.8	29.9	75.8	-11.8	-5.3	8.5	22.2
Equals: Gross domestic purchases	9,840.8	-1.3	69.5	132.9	62.6	-0.1	2.9	5.6	2.6
Less: Change in private inventories.....	4.9	-3.5	-36.6	69.5	33.8	.....	.....	.....	.....
Equals: Final sales to domestic purchasers	9,826.0	1.6	102.0	72.1	31.6	0.1	4.3	3.0	1.3
Personal consumption expenditures.....	6,542.4	22.9	93.1	49.8	28.6	1.5	6.0	3.1	1.8
Durable goods.....	980.7	10.2	69.4	-16.1	4.8	4.6	33.6	-6.3	2.0
Nondurable goods.....	1,920.9	6.0	16.7	36.4	-0.5	1.3	3.6	7.9	-0.1
Services.....	3,666.2	8.2	19.1	25.6	24.0	0.9	2.1	2.9	2.7
Private fixed investment.....	1,572.6	-17.8	-37.3	-2.0	-3.8	-4.3	-8.9	-0.5	-1.0
Nonresidential.....	1,181.1	-19.3	-35.3	-18.0	-7.3	-6.0	-10.9	-5.8	-2.4
Structures.....	231.7	1.9	-23.6	-9.5	-11.5	2.9	-30.1	-14.2	-17.6
Equipment and software.....	961.4	-23.5	-6.1	-6.6	7.7	-9.2	-2.5	-2.7	3.3
Residential.....	386.1	0.3	-3.3	12.6	2.5	0.4	-3.5	14.2	2.7
Government consumption expenditures and gross investment.....	1,703.3	-4.7	41.2	22.8	6.0	-1.1	10.5	5.6	1.4
Federal.....	608.7	1.7	18.3	10.6	10.9	1.2	13.5	7.4	7.5
National defense.....	395.8	4.1	12.5	10.5	7.3	4.6	14.3	11.6	7.8
Nondefense.....	212.9	-2.4	5.9	0.2	3.6	-4.5	12.1	0.4	6.9
State and local.....	1,094.7	-6.1	23.0	12.2	-4.6	-2.3	8.9	4.6	-1.7
Addendum: Final sales of domestic product	9,377.9	-3.8	94.4	54.5	-1.5	-0.2	4.2	2.4	-0.1

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 begin on page D-2 in this issue.)

ter, a sharp cut in the pace of liquidation had contributed 2.60 percentage points to growth (table 2).

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

[Seasonally adjusted at annual rates]

	2001		2002	
	III	IV	I	II
Percent change at annual rate:				
Gross domestic product	-0.3	2.7	5.0	1.3
Percentage points at annual rates:				
Personal consumption expenditures	0.97	4.05	2.22	1.22
Durable goods.....	0.36	2.45	-0.55	0.16
Nondurable goods.....	0.25	0.73	1.57	-0.02
Services	0.35	0.87	1.20	1.08
Gross private domestic investment.....	-0.81	-2.88	2.53	1.16
Fixed investment	-0.72	-1.49	-0.07	-0.15
Nonresidential	-0.73	-1.33	-0.66	-0.27
Structures.....	0.10	-1.12	-0.44	-0.53
Equipment and software.....	-0.83	-0.21	-0.22	0.26
Residential.....	0.02	-0.16	0.60	0.12
Change in private inventories.....	-0.09	-1.39	2.60	1.31
Net exports of goods and services.....	-0.24	-0.28	-0.75	-1.40
Exports.....	-1.94	-0.99	0.33	1.29
Goods.....	-1.49	-0.56	-0.23	0.99
Services	-0.45	-0.42	0.56	0.30
Imports.....	1.70	0.70	-1.08	-2.69
Goods.....	1.17	0.37	-0.40	-2.74
Services	0.53	0.33	-0.68	0.05
Government consumption expenditures and gross investment	-0.21	1.85	1.04	0.27
Federal	0.07	0.80	0.47	0.47
National defense.....	0.18	0.54	0.46	0.32
Nondefense	-0.11	0.26	0.01	0.16
State and local	-0.28	1.05	0.56	-0.21

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.

- Consumer spending contributed 1.22 percentage points to second-quarter growth after contributing 2.22 percentage points to first-quarter growth. Consumer purchases of durable goods turned up, and purchases of services increased almost as much as in the first quarter, but purchases of nondurable goods were flat after a sharp first-quarter increase.
- Government spending contributed 0.27 percentage point to growth after contributing 1.04 percentage points. Federal Government spending increased about as much as in the first quarter, but State and local government spending turned down.

The preliminary and final estimates also agree on the following important points:

- Inventory stocks increased after substantial liquidation in each of the preceding five quarters.
- The production of structures turned down, and the production of goods slowed. In contrast, the production of services increased a little more than in the first quarter.
- Imports increased about twice as much as exports.
- The personal saving rate, which is measured as personal saving as a percentage of current-dollar disposable personal income, increased (to 4.0 percent in the final estimate).
- Real final sales of computers turned up. Real motor vehicle output increased less than in the first quarter.

Revisions

Real exports contributed 0.17 percentage point to the 0.2 percentage point revision to GDP, as exports of services were revised up. Imports, which are subtracted in the calculation of GDP, were revised down and contributed 0.08 percentage point. The effect of these revisions was partly offset by a downward revision to inventory investment, which contributed -0.09 percentage point.

The revision to exports mainly reflected the incorporation (on a "best-change" basis) of revised data on trade in services from BEA's international transactions accounts (table 3).³ The revision to imports mainly reflected revised Census Bureau data on imports of goods for June. The revision to inventory investment mainly reflected revised Census Bureau data on manufacturing inventories for June.

The price index for gross domestic purchases increased 2.3 percent, 0.1 percentage point more than the preliminary estimate. The revision was mainly in the price of financial services purchased by consumers; it reflected the incorporation of revised producer price indexes from the Bureau of Labor Statistics and newly available data from the Federal Deposit Insurance Corporation and the Federal Reserve Board.

Real disposable personal income (DPI) increased 3.6 percent in the second quarter, 0.1 percentage point less than the preliminary estimate. An upward revision to the implicit price deflator for personal consumption expenditures, which is used to deflate DPI, more than offset an upward revision to current-dollar DPI.

The release of the final estimate for the second quarter marked the implementation of the new revision schedule that was announced in the GDP news release on June 27. According to this schedule, the final estimates for a quarter now include revised estimates of wages and salaries for the preceding quarter that incorporate the Bureau of Labor Statistics' latest tabulations from the State unemployment insurance program. As

a result, more reliable information is available to data users in a more timely manner, and revisions to wages and salaries in the annual NIPA revision will be reduced.

The revised estimate of wage and salary disbursements in the first quarter shows an increase of \$26.4 billion (in current dollars), \$7.4 billion less than previously estimated. Disbursements for the second quarter are currently estimated to have increased \$39.2 billion.

Table 3. Revisions to Change in Real Gross Domestic Product and Prices, Second Quarter 2002
[Seasonally adjusted at annual rates]

	Percent change from preceding quarter		Final estimate minus preliminary estimate	
	Preliminary estimate	Final estimate	Percentage points	Billions of chained (1996) dollars
Gross domestic product	1.1	1.3	0.2	2.8
Less: Exports.....	12.3	14.3	2.0	4.6
Goods.....	16.4	15.9	-0.5	-0.9
Services.....	3.4	10.7	7.3	5.1
Plus: Imports.....	22.8	22.2	-0.6	-2.1
Goods.....	28.5	27.9	-0.6	-1.7
Services.....	-1.5	-2.1	-0.6	-0.4
Equals: Gross domestic purchases	2.7	2.6	-0.1	-2.9
Less: Change in private inventories.....				-2.4
Equals: Final sales to domestic purchasers	1.3	1.3	0.0	-0.7
Personal consumption expenditures.....	1.9	1.8	-0.1	-1.4
Durable goods.....	2.2	2.0	-0.2	-0.5
Nondurable goods.....	0.1	-0.1	-0.2	-1.0
Services.....	2.7	2.7	0.0	0.1
Private fixed investment.....	-1.2	-1.0	0.2	0.8
Nonresidential.....	-2.6	-2.4	0.2	0.4
Structures.....	-17.7	-17.6	0.1	0.1
Equipment and software.....	3.1	3.3	0.2	0.4
Residential.....	2.3	2.7	0.4	0.4
Government consumption expenditures and gross investment.....	1.4	1.4	0.0	-0.1
Federal.....	7.7	7.5	-0.2	-0.3
National defense.....	7.6	7.8	0.2	0.1
Nondefense.....	7.7	6.9	-0.8	-0.4
State and local.....	-1.8	-1.7	0.1	0.3
Addendum:				
Final sales of domestic product.....	-0.3	-0.1	0.2	5.0
Gross domestic purchases price index.....	2.2	2.3	0.1	
GDP price index.....	1.1	1.2	0.1	

NOTE: The final estimates for the second quarter of 2002 incorporate the following revised or additional major source data that were not available when the preliminary estimates were prepared.

Personal consumption expenditures: Revised retail sales for June, bank services data for the first quarter, and brokerage services data for the quarter.

Nonresidential fixed investment: Revised construction put-in-place for May and June.

Residential fixed investment: Revised construction put-in-place for May and June.

Change in private inventories: Revised manufacturers' and trade inventories for June.

Exports and imports of goods and services: Revised data on exports and imports of goods and services for the first quarter and new data for the second.

Government consumption expenditures and gross investment: Revised State and local construction put-in-place for May and June.

Wages and salaries: Revised private wages and salaries for the first quarter, and revised employment, average hourly earnings, and average weekly hours for June.

GDP prices: Revised export and import prices for April through June, revised unit-value index for petroleum imports for June, and revised prices of single-family houses under construction for the quarter.

3. Incorporating the source data on a best-change basis provides accurate measures of the change in the estimates for all periods, but results in levels of the estimates that are not fully consistent with the source data. In general, BEA incorporates source data on best-change basis in order to preserve accurate estimates of growth and consistent time series. (For more information, see the box "Incorporating Source Data on the Basis of Best Change," in Eugene P. Seskin and David F. Sullivan, "Annual Revision of the National Income and Product Accounts," SURVEY OF CURRENT BUSINESS 80 (August 2000): 16.)

Gross National Product, next page.

Gross National Product

Real gross national product (GNP) increased 0.4 percent in the second quarter, 0.9 percentage point less than real GDP (table 4).⁴ GNP increased less than GDP because income receipts from the rest of the world increased less than income payments to the rest of the world. The increases in receipts and payments were more than accounted for by increases in profits.

“Command-basis” GNP—which measures the purchasing power of goods and services produced by the U.S. economy—decreased 0.4 percent (chart 2). The contrast between the decrease in this measure and the increase in GNP reflects a deterioration in the terms of

trade.⁵

The national saving rate, which is measured as gross saving as a percentage of GNP, was unchanged at 15.5 percent. It had decreased in the six preceding quarters from a peak of 18.5 percent in the third quarter of 2000.

5. In the estimates of command-basis GNP, the current-dollar value of the sum of exports of goods and services and income receipts is deflated by the implicit price deflator (IPD) for the sum of imports of goods and services and income payments.

The terms of trade is a measure of the relationship between the prices that are received by U.S. producers for exports of goods and services and the prices that are paid by U.S. purchasers for imports of goods and services. It is measured by the following ratio, with the decimal point shifted two places to the right: In the numerator, the IPD for the sum of exports of goods and services and of income receipts; in the denominator, the IPD for the sum of imports of goods and services and of income payments.

Changes in the terms of trade reflect the interaction of several factors, including movements in exchange rates, changes in the composition of the traded goods and services, and changes in producers' profit margins. For example, if the U.S. dollar depreciates against a foreign currency, a foreign manufacturer may choose to absorb this cost by reducing the profit margin on the product it sells to the United States, or it may choose to raise the price of the product and risk a loss in market share.

4. GNP is a measure of goods and services produced by labor and property supplied by U.S. residents. It is equal to GDP plus income receipts from the rest of the world less income payments to the rest of the world.

Table 4. Relation of Real Gross Domestic Product, Real Gross National Product, and Real Command-Basis Gross National Product
[Seasonally adjusted at annual rates]

	Billions of chained (1996) dollars					Percent change from preceding quarter			
	Level		Change from preceding quarter						
	2002		2001			2002			
	II	III	IV	I	II	III	IV	I	II
Gross domestic product	9,392.4	-6.7	62.4	114.4	29.2	-0.3	2.7	5.0	1.3
Plus: Income receipts from the rest of the world.....	251.8	-27.9	-30.7	-4.6	9.0	-31.8	-37.4	-7.2	15.7
Less: Income payments to the rest of the world.....	268.2	-9.9	-51.8	26.1	29.0	-13.6	-58.1	58.7	58.2
Equals: Gross national product	9,376.7	-24.5	83.7	84.0	9.2	-1.1	3.7	3.7	0.4
Less: Exports of goods and services and income receipts from the rest of the world.....	1,311.9	-80.0	-59.4	3.3	43.9	-20.9	-16.8	1.1	14.6
Plus: Command-basis exports of goods and services and income receipts from the rest of the world ¹	1,345.6	-34.0	-85.3	6.3	24.4	-9.2	-22.2	1.9	7.6
Equals: Command-basis gross national product	9,410.3	21.5	57.8	86.9	-10.3	0.9	2.5	3.8	-0.4
Addendum:									
Terms of trade ²	102.6	3.6	-1.7	0.2	-1.6	14.9	-6.3	0.8	-6.0

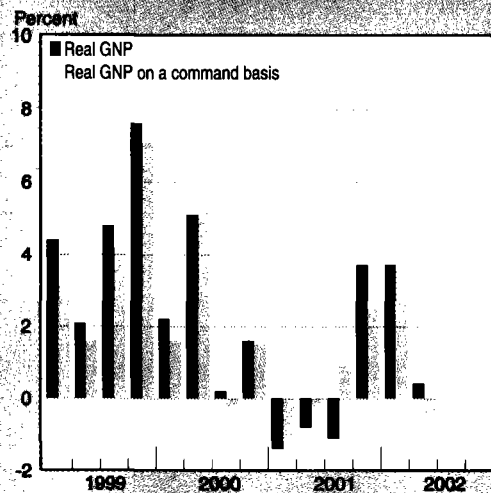
1. Exports of goods and services and income receipts deflated by the implicit price deflator for imports of goods and services and income payments.

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. See note to table 1 for an explanation of chained (1996) dollar series. Levels of these series are shown in NIPA tables 1.10 and 1.11.

CHART 2

Real Gross National Product



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

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fixed investment, an indicator of the share of the current level of investment that could be financed by internally generated funds, slipped from 86.9 percent to 86.6 percent. (During the expansion of the 1990s, the ratio averaged 82.2 percent.)

Profits with inventory valuation adjustment (IVA). The current-production measure of profits is not available at the detailed industry level, because estimates of the capital consumption adjustment (CCAdj) do not exist at this level. (CCAdj is only available for total financial and total nonfinancial industries.) Consequently, industry profits are best measured by profits with IVA.

For nonfinancial industries, the increase in profits with IVA was dominated by manufacturing; much smaller increases were posted by retail and wholesale trade and by the transportation and public utility group (chart 3). Within manufacturing, increases were widespread; the largest were posted by motor vehicles,

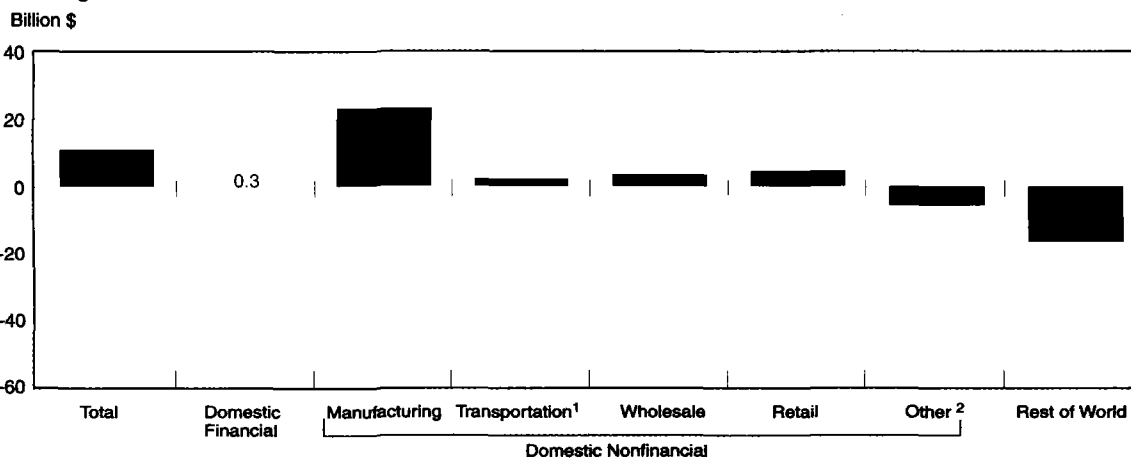
electronic equipment, and "other nondurable goods."¹⁰ An increase in petroleum profits was modest but noteworthy because it came after five consecutive decreases.

Profits before tax and related measures. Profits before tax (PBT) increased \$18.5 billion. This increase in PBT differs from the decrease in profits from current production because PBT is based on inventory and depreciation practices used in tax accounting, whereas the current-production measure is based on depreciation of fixed assets and inventory withdrawals valued at current cost. In the second quarter, most of the difference between the change in PBT and the change in the current-production measure was accounted for by a drop in the capital consumption adjustment.

10. "Other nondurable-goods" manufacturing includes the tobacco, textile, apparel, paper, printing, rubber, and leather industries.

CHART 3

Corporate Profits with Inventory Valuation Adjustment: Change from 2002:I to 2002:II



1. Also includes communications and public utilities.

2. "Other" nonfinancial corporations includes the agriculture, mining, construction, and services industries, along with some activities included in the "finance, insurance, and real estate" group.

Note.—Based on seasonally adjusted estimates.

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Real Inventories, Sales, and Inventory-Sales Ratios for Manufacturing and Trade, 1998:IV–2002:II

The real inventories, sales, and inventory-sales ratios have been revised beginning with 1999 to incorporate the results of the recent annual revision of the national income and product accounts (NIPAs).¹ Tables 1, 2, and 3 show quarterly and monthly estimates of real inventories, sales, and inventory-sales ratios, respectively. Table 4 shows real manufacturing inventories by stage of fabrication. Real estimates are in chained (1996) dollars.

Data availability

Estimates for 1967:I to 1997:IV on the basis of the Standard Industrial Classification system and estimates

beginning with 1997:IV on the basis of the North American Industry Classification System are available as downloadable files on BEA's Web site at <www.bea.gov>; click on "GDP and related data" and look under "Supplementary estimates, historical underlying detail," and click on "Change in private inventories."

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1. See Eugene P. Seskin and Stephanie H. McCulla, "Annual Revision of the National Income and Product Accounts: Annual Estimates, 1999–2001, and Quarterly Estimates, 1999:I–2002:I," SURVEY OF CURRENT BUSINESS 82 (August 2002): 7–34.

Table 1B. Real Manufacturing and Trade Inventories, Seasonally Adjusted, End of Period
(Billions of chained (1996) dollars)

	1998				1999				2000				2001				2002		2002						
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	Jan.	Feb.	Mar.	Apr.	May	June	July ^P			
Manufacturing and trade industries	1,106.3	1,120.9	1,126.4	1,139.9	1,163.5	1,173.8	1,193.5	1,204.7	1,219.5	1,208.4	1,191.9	1,175.7	1,149.5	1,141.2	1,141.4	1,148.9	1,145.1	1,141.2	1,138.7	1,139.2	1,141.4	1,145.6			
Manufacturing industries	484.0	467.6	467.9	471.5	478.3	482.0	488.3	491.8	495.8	491.1	480.7	469.7	459.6	451.7	448.1	457.5	454.9	451.7	450.9	449.1	448.1	447.4			
Durable goods industries	292.8	295.4	294.5	296.6	300.5	303.3	308.3	311.2	316.8	313.6	305.8	295.5	286.7	280.3	276.5	285.1	283.3	280.3	279.5	278.1	276.5	275.4			
Wood product manufacturing	8.9	9.1	9.2	9.0	9.4	9.3	9.2	9.2	9.4	9.2	9.0	8.5	9.0	8.7	8.7	8.7	8.8	9.0	8.9	8.9	8.7	8.6			
Nonmetallic mineral product manufacturing ..	9.5	9.4	9.4	9.6	9.8	9.7	9.8	9.8	10.0	9.9	9.7	9.4	9.1	8.9	9.0	8.9	8.9	8.9	8.9	8.9	9.0	9.0			
Primary metal manufacturing	24.1	24.1	24.2	24.2	24.7	24.9	25.1	24.8	24.3	23.8	22.7	22.2	21.6	20.9	20.6	21.3	21.2	20.9	20.8	20.5	20.6	20.5			
Fabricated metal product manufacturing	32.6	32.7	32.6	33.0	33.5	33.6	34.3	34.6	34.6	34.2	33.2	32.6	31.6	31.2	30.4	31.5	31.2	31.2	31.0	30.7	30.4	30.4			
Machinery manufacturing	39.4	39.7	39.2	39.1	39.6	39.7	40.3	40.9	42.0	41.2	40.1	38.9	38.0	36.9	38.3	38.1	38.0	37.5	37.3	36.9	36.8				
Computer and electronic product manufacturing	61.6	63.5	64.0	65.0	66.2	67.2	71.2	73.2	78.5	78.1	74.9	68.8	65.1	63.4	62.1	65.2	64.2	63.4	63.7	63.2	62.1	62.4			
Electrical equipment, appliance, and component manufacturing	14.7	14.6	14.7	14.8	14.7	14.7	15.0	15.3	15.5	15.5	15.1	14.6	14.3	14.1	13.9	14.2	14.1	14.1	14.0	14.0	13.9	13.9			
Transportation equipment manufacturing	74.5	74.5	73.2	73.8	74.3	75.2	74.5	74.1	73.7	72.3	71.7	70.8	70.2	67.7	67.1	69.5	69.4	67.7	67.4	67.1	66.1	66.1			
Furniture and related product manufacturing ..	7.4	7.5	7.6	7.6	7.7	7.9	8.1	8.2	8.0	7.9	7.6	7.2	6.7	6.6	6.6	6.7	6.6	6.6	6.6	6.6	6.6	6.7			
Miscellaneous manufacturing	16.4	16.6	16.8	17.0	17.1	17.3	17.4	17.9	17.8	17.7	17.6	17.4	17.4	17.4	17.9	17.4	17.4	17.4	17.6	17.7	17.9				
Nondurable goods industries	171.1	172.1	173.4	174.8	177.7	178.7	180.0	180.5	179.1	177.6	175.0	174.1	172.8	171.3	171.5	172.2	171.5	171.3	171.3	171.0	171.5	171.9			
Food manufacturing	34.9	35.2	35.4	36.1	36.8	37.7	37.4	37.2	37.0	36.6	36.8	36.7	36.9	36.6	37.1	36.9	36.7	36.6	36.8	37.0	37.1	37.0			
Beverage and tobacco product manufacturing	12.1	11.9	11.9	11.5	11.9	12.0	12.1	12.2	11.9	12.0	11.9	12.0	11.9	12.1	12.1	11.9	12.1	11.9	11.9	11.9	12.1	11.9			
Textile mills	7.4	7.3	7.4	7.4	7.6	7.4	7.4	7.2	7.1	6.9	6.8	6.6	6.3	6.1	6.1	6.1	6.1	5.9	5.9	5.9	5.9	5.8			
Textile product mills	4.1	4.2	4.3	4.4	4.5	4.6	4.9	5.0	5.1	4.9	4.8	4.7	4.6	4.5	4.7	4.6	4.6	4.5	4.6	4.7	4.7	4.7			
Apparel manufacturing	9.0	9.0	9.2	9.6	9.7	9.7	9.7	9.9	10.2	10.1	9.8	9.3	8.8	8.2	8.0	8.6	8.4	8.2	8.1	8.0	8.0	8.0			
Leather and allied product manufacturing	1.7	1.6	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.4			
Paper manufacturing	16.7	16.9	16.9	17.1	17.0	17.3	17.4	17.2	16.7	16.4	16.2	16.2	16.4	16.3	16.2	16.3	16.3	16.3	16.1	16.1	16.2	16.1			
Printing and related support activities	6.7	6.8	6.9	6.9	7.0	7.2	7.0	7.0	6.9	6.8	6.5	6.3	6.1	5.8	6.0	6.2	5.9	5.8	5.9	5.9	6.0	6.1			
Petroleum and coal product manufacturing ..	12.1	12.1	11.3	11.6	11.9	11.9	12.1	11.8	11.5	11.7	11.7	11.8	11.8	12.0	11.8	11.5	11.7	12.0	12.0	11.8	11.8	12.0			
Chemical manufacturing	49.0	49.6	50.7	50.5	51.7	51.4	52.2	53.1	53.2	52.8	51.9	51.8	51.5	51.2	51.0	51.5	51.5	51.2	51.3	51.1	51.0	51.3			
Plastics and rubber product manufacturing ..	17.2	17.4	17.5	17.7	17.7	17.6	18.0	17.9	17.8	17.5	16.9	16.9	16.7	16.9	17.0	16.8	16.8	16.9	17.0	17.0	17.0	17.1			
Merchant wholesale industries	288.0	292.1	293.2	297.9	305.0	309.7	314.9	317.9	321.8	320.4	318.8	314.3	308.5	304.4	302.3	307.6	304.9	304.4	301.7	301.7	302.3	303.7			
Durable goods industries	183.7	186.4	188.2	190.7	196.1	198.7	203.8	204.7	206.4	205.3	199.4	194.2	187.7	184.0	182.1	186.7	184.9	184.0	182.7	182.1	182.1	182.8			
Nondurable goods industries	104.3	105.7	105.0	107.2	108.9	111.0	112.2	113.2	115.4	115.1	118.9	119.5	119.9	119.4	119.2	119.9	119.1	119.4	118.1	118.5	119.2	119.8			
Retail trade industries	354.4	361.1	365.1	370.3	380.0	381.9	390.0	394.8	401.6	396.6	392.3	391.5	381.3	384.7	390.2	383.6	384.8	384.7	385.6	387.7	390.2	393.8			
Motor vehicle and parts dealers	109.1	113.6	115.1	118.6	122.7	123.8	128.6	131.4	134.4	129.2	127.9	127.6	118.9	122.4	126.3	120.4	122.0	122.4	123.3	124.3	126.3	128.7			
Furniture and home furnishings, electronics, and appliance stores	26.4	26.5	27.1	27.6	28.0	28.7	29.6	29.6	30.4	30.1	29.6	29.6	30.0	30.9	31.6	30.6	30.7	30.9	31.0	31.5	31.6	31.8			
Building materials, garden equipment and supply stores	35.2	35.7	36.0	36.3	37.3	37.7	38.5	39.2	39.0	38.9	38.5	38.2	38.0	39.0	38.9	38.3	38.4	39.0	39.0	38.9	38.9	38.7			
Food and beverage stores	28.6	28.9	29.1	29.7	30.2	30.2	29.8	29.9	30.0	30.3	30.3	30.5	30.0	30.1	30.3	30.0	30.1	30.2	30.0	30.1	30.1	30.0			
Clothing and accessory stores	29.1	29.6	30.0	29.3	30.2	30.1	30.7	31.5	32.4	32.1	31.3	31.3	29.8	29.9	30.7	30.0	29.9	30.2	30.2	30.7	30.8	30.8			
General merchandise stores	59.0	59.5	59.6	60.1	61.5	61.5	61.9	61.6	62.6	63.9	63.5	62.9	62.1	61.1	61.1	61.4	61.5	61.1	61.0	61.3	61.1	61.8			
Other retail stores	66.8	67.1	68.1	68.6	69.9	70.0	71.0	71.8	73.0	72.1	71.3	71.7	71.7	71.6	71.9	71.9	71.9	71.6	71.2	71.5	71.9	72.2			

^P Preliminary.
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. 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 2B. Real Manufacturing and Trade Sales, Seasonally Adjusted at Monthly Rate
[Billions of chained (1996) dollars]

	1998				1999				2000				2001				2002		2002						
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	Jan.	Feb.	Mar.	Apr.	May	June	July ^P			
Manufacturing and trade industries.....	791.3	806.3	814.8	824.7	837.6	846.8	849.6	850.4	849.0	847.2	837.2	836.0	848.3	851.6	857.5	857.2	848.9	848.7	857.0	856.2	859.3	867.3			
Manufacturing industries.....	337.6	342.2	342.6	345.1	347.8	351.5	352.4	348.5	344.5	338.3	329.4	325.0	325.4	326.4	328.3	332.9	321.8	324.7	328.7	329.7	326.6	331.2			
Durable goods industries.....	195.7	198.3	200.1	202.2	202.8	206.7	207.9	205.2	201.1	195.6	190.4	185.5	183.8	185.4	188.1	188.7	183.2	184.2	189.5	188.9	186.0	192.2			
Wood product manufacturing.....	7.8	7.9	7.8	7.7	7.9	8.2	7.7	7.6	7.5	7.3	7.4	7.5	7.5	7.5	7.5	7.6	7.6	7.5	7.5	7.4	7.5	7.5			
Nonmetallic mineral product manufacturing.....	7.6	7.7	7.6	7.7	7.9	8.2	7.7	7.6	7.5	7.2	6.9	7.0	6.9	7.0	7.2	7.0	6.8	7.2	7.8	7.9	7.8	7.8			
Primary metal manufacturing.....	13.9	14.1	14.1	14.2	14.3	14.3	13.9	13.5	13.0	12.6	12.4	12.2	11.9	11.9	12.2	12.1	11.7	12.0	12.4	12.3	12.0	12.1			
Fabricated metal product manufacturing.....	20.8	20.8	20.9	20.9	21.3	21.7	22.0	21.8	21.3	20.7	20.3	20.2	20.0	19.8	20.2	20.1	19.5	19.7	20.3	20.1	20.1	20.4			
Machinery manufacturing.....	22.1	21.8	22.1	22.5	22.8	23.5	23.7	24.1	23.6	24.0	22.9	22.3	21.2	21.6	21.8	21.7	21.8	21.3	21.5	22.3	21.7	22.1			
Computer and electronic product manufacturing.....	43.8	45.0	47.0	48.6	48.2	51.5	53.8	54.7	54.8	51.7	45.8	42.1	42.3	42.7	42.0	43.5	41.6	43.1	42.2	42.3	41.5	42.8			
Electrical equipment, appliance, and component manufacturing.....	9.7	9.8	10.0	10.1	10.0	10.4	10.3	10.4	10.5	10.5	10.3	9.6	9.2	8.9	9.2	9.0	8.7	9.0	9.3	9.3	9.0	9.2			
Transportation equipment manufacturing.....	55.8	57.1	56.8	56.8	56.3	55.8	54.9	51.9	49.5	48.2	49.9	49.9	50.6	51.6	52.4	53.3	51.2	50.3	53.6	52.2	51.4	55.0			
Furniture and related product manufacturing.....	5.7	5.8	5.8	5.8	5.8	5.9	6.1	6.0	5.9	5.7	5.4	5.3	5.2	5.2	5.2	5.3	5.1	5.1	5.3	5.2	5.2	5.3			
Miscellaneous manufacturing.....	8.7	9.0	8.9	8.8	9.0	8.9	9.3	9.4	9.5	9.4	9.3	9.3	9.2	9.3	9.6	9.3	9.2	9.3	9.5	9.7	9.5	9.8			
Nondurable goods industries.....	141.9	143.9	142.6	143.0	145.1	145.0	144.8	143.5	143.4	142.5	138.8	139.1	141.0	140.6	139.8	143.6	138.1	140.0	138.9	140.5	140.1	138.9			
Food manufacturing.....	36.4	36.6	36.6	36.6	36.8	36.2	36.8	37.0	37.1	37.2	37.0	37.1	37.6	37.7	37.4	38.1	37.5	37.4	37.4	37.7	37.7	37.2			
Beverage and tobacco product manufacturing.....	7.6	7.5	7.4	7.3	7.3	7.5	7.4	7.4	7.2	7.3	7.3	7.2	6.8	6.8	7.0	6.5	7.0	6.4	6.8	6.8	6.5	6.5			
Textile mills.....	4.7	4.7	4.7	4.7	4.8	4.6	4.6	4.4	4.2	4.1	4.0	3.8	3.7	3.9	3.7	3.7	3.7	3.7	4.1	3.9	3.7	4.0			
Textile product mills.....	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.7	2.7	2.7	2.7	2.7	2.8	3.1	2.7	2.9	2.9	3.1	3.1	3.0			
Apparel manufacturing.....	5.1	5.2	5.2	5.1	5.1	5.3	5.3	5.4	5.4	5.4	5.0	5.0	4.6	4.7	4.7	4.6	4.5	4.7	4.7	4.7	4.7	4.8			
Leather and allied product manufacturing.....	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.7	0.6	0.6	0.5	0.7	0.6	0.7	0.7			
Paper manufacturing.....	13.2	13.3	13.0	13.5	13.6	13.3	13.3	13.0	12.8	12.5	12.2	12.1	11.9	11.7	12.2	12.0	11.4	11.8	12.1	12.6	12.4	12.2			
Printing and related support activities.....	8.2	8.3	8.2	8.3	8.4	8.4	8.5	8.4	8.2	8.2	7.9	7.7	7.6	7.5	7.5	7.6	7.3	7.6	7.6	7.5	7.5	7.5			
Petroleum and coal product manufacturing.....	15.2	16.5	15.1	15.1	16.0	16.4	15.1	14.8	15.6	16.1	14.7	15.1	17.3	18.5	16.0	19.5	17.9	18.0	15.8	18.1	16.2	16.4			
Chemical manufacturing.....	34.1	34.4	34.7	34.7	35.0	35.7	35.7	35.4	34.7	33.7	33.7	33.7	33.4	32.7	33.6	33.6	31.8	32.6	32.8	33.4	34.5	32.3			
Plastics and rubber product manufacturing.....	14.0	14.4	14.3	14.4	14.8	14.7	15.1	14.7	14.4	14.2	14.1	14.4	14.2	14.3	14.6	14.5	14.2	14.2	14.7	14.6	14.5	14.7			
Merchant wholesale industries.....	216.2	221.1	225.8	229.0	234.1	234.9	237.4	239.3	240.8	240.3	235.6	237.4	238.2	241.5	243.3	241.6	242.5	240.3	243.1	242.6	244.3	244.6			
Durable goods industries.....	114.7	119.4	123.1	126.3	129.8	131.0	132.8	133.7	133.8	132.7	130.7	130.0	128.1	129.6	131.9	129.4	130.2	129.2	131.5	131.9	132.3	132.4			
Nondurable goods industries.....	101.5	101.7	102.7	102.9	104.6	104.3	105.0	106.0	107.4	107.8	105.2	107.4	109.8	111.5	111.3	111.8	111.9	110.8	111.3	110.6	111.8	111.9			
Retail trade industries.....	241.9	248.3	251.9	256.6	261.8	267.6	266.5	269.9	270.9	275.3	278.6	280.1	292.2	291.5	293.9	290.5	292.5	291.4	293.6	291.6	296.4	300.1			
Motor vehicle and parts dealers.....	63.0	64.7	66.5	68.5	68.6	72.0	69.2	69.9	68.4	69.9	71.7	71.2	78.7	73.0	74.0	72.6	73.6	72.8	74.3	72.2	75.5	78.3			
Furniture and home furnishings, electronics, and appliance stores.....	17.5	18.2	19.1	20.2	21.0	22.1	22.7	23.1	23.1	23.9	24.6	25.6	27.2	28.3	29.0	27.9	28.3	28.8	28.8	29.0	29.1	29.0			
Building materials, garden equipment and supply stores.....	22.2	22.6	22.6	22.7	23.8	24.5	23.9	24.4	24.8	25.1	26.5	26.2	26.6	27.2	27.8	27.0	27.2	27.3	27.8	27.6	28.0	27.9			
Food and beverage stores.....	35.0	35.0	35.3	35.5	35.9	35.4	36.0	35.7	35.9	36.3	36.3	36.2	36.0	36.0	36.1	36.0	36.0	36.0	35.8	36.2	36.3	36.2			
Clothing and accessory stores.....	13.9	14.3	14.7	14.7	14.9	15.2	15.5	15.8	15.9	16.0	16.0	15.8	16.2	16.9	16.8	16.9	17.0	16.8	16.8	16.5	17.0	17.0			
General merchandise stores.....	32.5	33.9	34.3	34.9	35.6	36.1	36.7	37.5	38.2	38.6	39.3	40.1	41.2	42.4	42.9	42.1	42.5	42.5	42.9	42.7	43.2	43.4			
Other retail stores.....	58.2	60.0	60.2	61.0	63.1	63.8	64.1	65.2	66.3	66.8	66.5	67.5	69.1	71.4	71.1	71.4	71.5	71.5	71.0	71.3	71.1	72.0			

^P Preliminary.

Note: Estimates in this table are based on the North American Industry Classification System (NAICS).

Chained (1996) dollar 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.

Table 3B. Real Inventory-Sales Ratios for Manufacturing and Trade, Seasonally Adjusted
[Ratio, based on chained (1996) dollars]

	1998				1999				2000				2001				2002		2002						
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	Jan.	Feb.	Mar.	Apr.	May	June	July ^P			
Manufacturing and trade industries.....	1.40	1.39	1.38	1.38	1.39	1.39	1.41	1.42	1.44	1.43	1.42	1.41	1.36	1.34	1.33	1.34	1.35	1.35	1.33	1.33	1.33	1.32			
Manufacturing industries.....	1.37	1.37	1.37	1.37	1.38	1.37	1.39	1.41	1.44	1.45	1.46	1.45	1.41	1.38	1.37	1.37	1.41	1.39	1.37	1.36	1.37	1.35			
Durable goods industries.....	1.50	1.49	1.47	1.47	1.48	1.47	1.48	1.52	1.58	1.60	1.61	1.59	1.56	1.51	1.47	1.51	1.55	1.52	1.48	1.47	1.49	1.43			
Wood product manufacturing.....	1.14	1.17	1.17	1.18	1.18	1.15	1.21	1.22	1.25	1.27	1.24	1.21	1.13	1.19	1.17	1.15	1.17	1.20	1.19	1.21	1.17	1.15			
Nonmetallic mineral product manufacturing.....	1.24	1.23	1.24	1.25	1.25	1.27	1.30	1.32	1.39	1.42	1.37	1.37	1.34	1.27	1.15	1.28	1.30	1.25	1.15	1.13	1.15	1.15			
Primary metal manufacturing.....	1.73	1.71	1.72	1.70	1.72	1.75	1.81	1.84	1.87	1.89	1.84	1.81	1.81	1.75	1.69	1.77	1.80	1.74	1.68	1.67	1.71	1.69			
Fabricated metal product manufacturing.....	1.56	1.57	1.56	1.58	1.57	1.55	1.56	1.59	1.63	1.65	1.64	1.62	1.58	1.58	1.51	1.57	1.60	1.59	1.53	1.52	1.51	1.49			
Machinery manufacturing.....	1.78	1.83	1.78	1.74	1.74	1.69	1.70	1.79	1.77	1.80	1.80	1.80	1.83	1.76	1.69	1.76	1.75	1.78	1.75	1.67	1.70	1.67			
Computer and electronic product manufacturing.....	1.41	1.41	1.36	1.34	1.37	1.31	1.32	1.34	1.43	1.51	1.64	1.64	1.54	1.49	1.48	1.50	1.54	1.47	1.51	1.49	1.50	1.46			
Electrical equipment, appliance, and component manufacturing.....	1.51	1.49	1.48	1.46	1.47	1.42	1.45	1.47	1																

Table 4B. Real Manufacturing Inventories, by Stage of Fabrication, Seasonally Adjusted, End of Period

[Billions of chained (1996) dollars]

	1998				1999				2000				2001				2002		2002						
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	Jan.	Feb.	Mar.	Apr.	May	June	July ^P			
Materials and supplies																									
Manufacturing industries	161.5	163.8	163.8	165.0	169.3	169.6	173.0	175.2	176.3	174.8	169.8	164.6	160.5	158.9	156.1	159.4	158.9	158.9	158.8	157.4	156.1	155.3			
Durable goods industries	96.8	98.9	98.7	99.5	102.4	102.6	106.3	108.8	111.5	110.3	106.5	101.9	98.8	97.7	95.2	98.1	97.4	97.7	97.5	96.4	95.2	94.5			
Wood product manufacturing	3.8	4.0	3.8	3.8	4.0	4.0	3.9	3.9	3.9	3.9	3.7	3.6	3.9	3.7	3.7	3.7	3.8	3.9	3.8	3.8	3.7	3.6			
Nonmetallic mineral product manufacturing	3.2	3.3	3.2	3.3	3.4	3.3	3.4	3.4	3.5	3.5	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2			
Primary metal manufacturing	8.3	8.2	8.1	8.1	8.3	8.4	8.4	8.3	8.0	8.0	7.6	7.3	7.0	6.8	6.7	7.0	6.8	6.8	6.8	6.7	6.7	6.7			
Fabricated metal product manufacturing	12.0	11.9	12.0	12.4	12.5	12.4	12.6	12.7	12.8	12.6	12.1	11.9	11.5	12.0	11.5	11.9	11.8	12.0	11.8	11.6	11.5	11.5			
Machinery manufacturing	14.0	14.6	14.3	14.2	14.6	14.2	14.9	15.4	15.9	16.1	15.8	15.4	15.4	14.8	14.2	15.1	14.9	14.8	14.6	14.4	14.2	14.1			
Computer and electronic product manufacturing	22.2	23.2	23.4	24.0	25.7	27.0	29.5	31.0	32.6	32.3	30.6	28.2	26.3	25.1	24.1	26.0	25.5	25.1	25.3	24.7	24.1	23.9			
Electrical equipment, appliance, and component manufacturing	5.7	5.7	5.7	5.8	5.8	5.9	5.8	6.2	6.3	6.2	5.8	5.6	5.4	5.3	5.5	5.5	5.4	5.4	5.4	5.4	5.3	5.3			
Transportation equipment manufacturing	17.8	18.1	18.2	18.0	18.2	17.6	17.8	17.9	18.5	18.0	17.1	16.7	16.5	16.9	16.6	16.2	16.3	16.9	16.9	16.8	16.6	16.2			
Furniture and related product manufacturing	3.5	3.5	3.5	3.5	3.6	3.6	3.7	3.8	3.7	3.6	3.5	3.4	3.2	3.2	3.1	3.2	3.1	3.2	3.1	3.2	3.2	3.2			
Miscellaneous manufacturing	6.0	6.1	6.1	6.2	6.2	6.2	6.2	6.2	6.3	6.2	6.3	6.1	6.1	6.3	6.4	6.1	6.1	6.3	6.3	6.4	6.4	6.4			
Nondurable goods industries	64.6	64.8	65.1	65.4	66.9	66.9	66.7	66.4	65.0	64.6	63.4	62.7	61.7	61.2	60.9	61.4	61.6	61.2	61.3	61.0	60.9	60.8			
Food manufacturing	11.5	11.9	12.1	12.0	12.5	12.6	12.3	12.1	12.0	11.9	11.8	11.5	11.4	11.3	11.5	11.4	11.4	11.3	11.3	11.5	11.5	11.5			
Beverage and tobacco product manufacturing	7.0	6.8	6.6	6.6	6.7	6.5	6.5	6.6	6.3	6.2	6.4	6.3	6.3	6.2	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.3			
Textile mills	2.5	2.4	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.2	2.2	2.2	2.0	2.0	1.9	2.0	2.0	2.0	2.0	1.9	1.9	1.9			
Textile product mills	1.4	1.5	1.5	1.5	1.5	1.5	1.7	1.8	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5			
Apparel manufacturing	2.9	2.8	2.8	2.8	2.9	2.9	2.8	2.9	2.9	2.8	2.6	2.5	2.3	2.2	2.2	2.3	2.3	2.2	2.2	2.2	2.2	2.2			
Leather and allied product manufacturing	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3			
Paper manufacturing	8.1	8.2	8.2	8.6	8.5	8.6	8.5	8.4	8.2	8.2	8.1	8.1	8.1	8.0	8.0	8.1	8.2	8.0	7.9	8.0	8.0	7.9			
Printing and related support activities	2.4	2.3	2.3	2.5	2.6	2.7	2.6	2.5	2.5	2.3	2.0	2.0	1.8	1.9	1.9	2.0	1.9	1.8	1.9	1.9	1.9	1.9			
Petroleum and coal product manufacturing	3.6	3.7	3.5	3.6	3.7	3.8	3.9	3.6	3.3	3.3	3.4	3.4	3.4	3.3	3.1	3.0	3.2	3.3	3.3	3.2	3.1	3.1			
Chemical manufacturing	17.4	17.4	17.7	17.4	17.9	17.9	17.9	18.0	17.9	17.8	17.4	17.3	17.2	17.2	17.0	17.2	17.0	17.2	17.4	17.1	17.0	16.9			
Plastics and rubber product manufacturing	7.2	7.2	7.2	7.4	7.5	7.4	7.5	7.4	7.2	7.2	7.1	7.1	7.0	7.2	7.2	7.1	7.1	7.2	7.2	7.2	7.2	7.2			
Work-in-process																									
Manufacturing industries	142.4	142.5	141.5	142.0	142.8	144.1	144.8	143.3	145.4	143.3	139.8	137.9	133.9	130.8	129.0	134.2	133.3	130.0	129.2	129.1	129.0	128.5			
Durable goods industries	114.5	113.9	112.4	113.6	113.8	115.4	115.8	114.1	116.0	114.6	112.0	109.6	106.3	102.0	100.6	106.2	105.5	102.0	101.3	101.0	100.6	99.9			
Wood product manufacturing	1.8	1.7	1.8	1.8	1.9	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.7	1.7	1.7	1.8	1.8	1.8			
Nonmetallic mineral product manufacturing	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2			
Primary metal manufacturing	8.2	8.3	8.4	8.4	8.7	8.6	8.6	8.6	8.4	8.0	7.7	7.7	7.4	7.1	6.9	7.3	7.3	7.1	7.1	6.9	6.9	7.0			
Fabricated metal product manufacturing	9.7	9.6	9.5	9.7	9.9	10.1	10.3	10.2	10.1	10.3	10.1	10.0	9.7	9.3	9.2	9.5	9.4	9.3	9.3	9.3	9.2	9.1			
Machinery manufacturing	13.1	13.0	12.9	12.9	12.7	12.9	12.8	12.6	13.0	12.9	12.4	12.1	11.4	11.1	11.0	11.3	11.3	11.1	11.2	11.1	11.0	10.9			
Computer and electronic product manufacturing	21.7	21.7	21.8	21.8	21.5	21.2	22.9	22.2	24.5	25.2	24.1	22.7	21.5	21.4	21.2	21.8	21.5	21.4	21.2	21.4	21.2	21.4			
Electrical equipment, appliance, and component manufacturing	5.0	5.0	5.0	5.0	4.9	5.1	5.0	5.1	5.1	4.9	4.7	4.6	4.5	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4			
Transportation equipment manufacturing	43.6	43.2	41.9	42.6	42.7	44.0	42.6	42.1	41.6	40.3	40.1	39.8	39.3	36.7	35.8	39.3	39.1	36.7	36.1	35.8	35.8	35.2			
Furniture and related product manufacturing	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.3	1.2	1.2			
Miscellaneous manufacturing	4.0	4.1	4.1	4.2	4.1	4.2	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.2	4.2	4.1	4.1	4.1	4.1	4.1			
Nondurable goods industries	27.9	28.5	29.1	28.4	29.0	28.7	29.0	29.2	29.4	28.6	27.8	27.8	27.8	27.9	28.3	27.9	28.3	27.9	27.8	28.1	28.3	28.5			
Food manufacturing	5.3	5.4	5.4	5.4	5.5	5.6	5.6	5.6	5.7	5.6	5.5	5.5	5.4	5.4	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.4			
Beverage and tobacco product manufacturing	1.3	1.4	1.4	1.1	1.2	1.3	1.4	1.4	1.5	1.4	1.5	1.4	1.5	1.4	1.5	1.4	1.5	1.5	1.5	1.5	1.4	1.4			
Textile mills	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.4	1.3	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.2			
Textile product mills	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9			
Apparel manufacturing	1.9	1.8	2.0	2.0	2.1	2.2	2.2	2.1	2.0	1.8	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6			
Leather and allied product manufacturing	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2			
Paper manufacturing	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6			
Printing and related support activities	1.4	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.2	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1			
Petroleum and coal product manufacturing	2.9	2.8	2.6	2.6	2.8	2.7	2.8	2.7	2.7	2.7	2.7	2.7	2.9	2.8	3.1	2.9	2.8	3.1	3.2	3.2	3.2	3.3			
Chemical manufacturing	8.2	8.5	9.1	8.8	8.9	8.6	8.6	8.9	9.2	8.8	8.5	8.9	8.7	8.9	9.2	9.0	9.1	8.9	8.8	9.0	9.2	9.3			
Plastics and rubber product manufacturing	2.2	2.3	2.3	2.3	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.2	2.2	2.1	2.2	2.2	2.1	2.2			
Finished goods																									
Manufacturing industries	160.0	161.3	162.6	164.5	166.2	168.4	170.6	173.3	174.1	173.0	171.0	167.2	165.1	162.6	162.8	163.7	162.5	162.6	162.8	162.5	162.8	163.4			
Durable goods industries	81.5	82.6	83.4	83.5	84.4	85.3	86.3	88.4	89.5	88.8	87.4	84.1	81.6	80.6	80.6	80.8	80.5	80.6	80.7	80.7	80.6	80.9			
Wood product manufacturing	3.3	3.4	3.6	3.4	3.5	3.6	3.6	3.5	3.7	3.6	3.6	3.6	3.6	3.4	3.4										

Customer Service Report for Fiscal Year 2002

In fiscal year 2002, the Bureau of Economic Analysis (BEA) conducted a new Customer Satisfaction Survey. The survey will be conducted annually. The results of this survey will be used to assess how well we meet your needs and how we can improve. Based on a five-point scale, with five equaling very satisfied and one equaling very dissatisfied with our customer service, you told us we earned a score of 4.3.

Over the past year, BEA worked to better identify its customer base and customer needs. We increased our outreach efforts by increasing our participation in professional conferences in order to receive valuable feedback. We recognize that continuous customer feedback is essential to better service and have established an electronic mailbox for your comments <customerservice@bea.gov>. We also established electronic customer mailboxes for the national and industry programs on BEA's Web site so that users can send their questions directly to BEA program experts.

This report highlights the year's accomplishments in customer service, undertaken pursuant to BEA's Strategic Plan.¹

Web site developments

During fiscal year 2002, BEA conducted a Web site redesign. Several immediate improvements were implemented: Delivering more basic data in downloadable form, including enhancing BEA contact information; expanding the availability of the back issues SURVEY OF CURRENT BUSINESS; and improving the layout of the homepage. A comprehensive A–Z index and a site search engine will be added later in calendar year 2002. A comprehensive site analysis and redesign project that will emphasize customer usability and accessibility in designing a new user interface and overall data presentation is being undertaken. In addition, the Web-related comments received on the 2002 BEA Customer Satisfaction Survey will be incorporated.

BEA implemented interactive Web pages that contain current and historical data from the balance of payments accounts and the industry accounts in easy to use formats. BEA also strengthened its Web site reliability by

1. See "BEA's Strategic Plan for 2001–2005," SURVEY OF CURRENT BUSINESS 82 (May 2002): 8–32.

This report was prepared by Verna Learnard.

adding backup capabilities to help ensure uninterrupted customer access to critical data.

National accounts

- Web site dissemination of the gross domestic product (GDP) news release, the associated technical note, the "Selected" NIPA Tables (PRN files and spreadsheets), and the section-508 compliant tables now occurs within a minute of the 8:30 a.m. release time. Previously, these data were posted on a flow basis between 8:35 a.m. and 10:00 a.m. on the day of the release.
- Web site dissemination of the "computer purchases" table, the fixed-weighted price index table, and the three-decimal place tables has been accelerated by several hours on the day of the GDP release.
- Web site dissemination of the "underlying detail" file now occurs within seconds of the personal income release. The "key source data" table, which comes out with the "advance" estimates only, is posted almost immediately after the underlying detail table, a day earlier than one year ago.

Industry accounts

- In December 2001, BEA released the 1998 annual input-output (I-O) accounts, the third in a series of annual I-O accounts that provide more recent data than those in the benchmark I-O accounts, which are released on a 5-year cycle.
- In a June 2002 SURVEY article, BEA published a progress report on its research to develop estimates of GDP by industry on an accelerated schedule. As part of the research results, BEA provided illustrative estimates for 2001 of current GDP by industry for broad industry groups. These estimates provided a first look at the effects on industries of last year's economic slowdown and the events of September 11th.

International accounts

- BEA published the preliminary results of the 1999 benchmark survey of U.S. direct investment abroad. The estimates were presented on the North American Industry Classification System (NAICS) basis for the first time.
- BEA staff worked with the Federal Reserve Board, the Federal Reserve Bank of New York, and the U.S. Department of Treasury to more comprehensively

cover short-term financial instruments. New survey forms were designed to enable BEA to resume coverage of cash on deposit with brokers, including that in margin accounts. In order to provide users with more timely and accurate data, BEA developed a preliminary plan for instituting quarterly surveys of the largest and most volatile types of traded services and for making related changes to existing benchmark and annual surveys.

- BEA staff worked with the Federal Reserve Board, the Federal Reserve Bank of New York, and the U.S. Department of Treasury to design new annual surveys of portfolio investment assets and liabilities. Annual liabilities surveys are being conducted beginning with data for 2001, and annual asset surveys are expected to be conducted beginning with data for 2003. The benchmark survey of selected services transactions was redesigned in order to cover important new categories of services, including those associated with the annual survey of selected services transactions. In response to suggestions from industry representatives, BEA developed new questions on services provided to foreign medical patients.
- BEA reduced respondent burden and improved processing efficiencies for the international accounts surveys by extending the electronic reporting options to six additional surveys.

Regional accounts

- BEA produced and released the State personal income estimates on a NAICS basis for the first time for 2001. BEA developed test estimates of pension distributions by State and an alternative set of estimates of retirement payment distributions by State.
- BEA established an interactive HELP file on its Web

site that guides customers through definitions and methodology for the gross state product estimates. The vintage of BEA's regional multiplier estimates were improved by incorporating, for the first time, BEA's annual national input-output accounts (for 1998) and the latest county-level data on wages (for 2000).

- BEA developed a prototype system to produce a new Web-based interactive, dynamic mapping capability for analyzing the gross state product estimates. This system will become available to users soon.

Internal improvements

BEA's employees are the most essential element of our service to customers. In order to attract and retain a highly qualified workforce, BEA conducted an internal organizational assessment survey. Based on the results, efforts in the coming year will focus on workforce development, communications, and quality of work life. Improvements in these areas will have a direct impact on our ability to innovate and improve BEA's statistics.

Access to BEA staff

BEA specialists are available during regular business hours. You can access the names and telephone numbers of BEA subject specialists on the Bureau's Web site at <www.bea.gov/bea/beatel.htm>, or you can e-mail BEA at <webmaster@bea.gov>. For a hard copy of "BEA's Contacts for Users" or other customer assistance, contact

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 Bureau of Economic Analysis
 Washington, DC 20230
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 TDD: 202-606-5335

Annual NIPA Revision Newly Available Tables

The publication of national income and product accounts (NIPA) tables 3.15–3.20 and 9.1–9.6 below and of the “Updated Summary NIPA Methodologies” elsewhere in this issue marks the completion of this year’s annual NIPA revision. The article “Annual Revision of the National Income and Product Accounts” and most of the NIPA tables were published in the August 2002 SURVEY OF CURRENT BUSINESS. NIPA

tables 5.16 and 8.28 and the report “Fixed Assets and Consumer Durable Goods for 1925–2001” were published in the September SURVEY.

The estimates for the full set of NIPA tables (for most tables, beginning with 1929 for annual estimates and with 1946 for quarterly estimates) are available interactively on BEA’s Web site at <www.bea.gov>. Later this year, the NIPA estimates will be available on a CD-ROM.

Table 3.15. Government Consumption Expenditures and Gross Investment by Function
[Billions of dollars]

	Line	1998	1999	2000	2001		Line	1998	1999	2000	2001
Government	1	1,538.5	1,641.0	1,751.0	1,858.0	Water	58	7.3	7.6	8.2	8.6
General public service	2	147.9	160.9	172.5	183.7	Transit and railroad	59	.6	.2	.2	.2
Executive and legislative	3	32.5	34.9	37.2	39.6	Postal service.....	60	4.8	5.7	5.4	5.3
Tax collection and financial management	4	43.7	47.1	48.8	53.4	Space	61	16.9	16.5	16.9	17.5
Other	5	71.8	78.9	86.6	90.7	Other	62				
National defense	6	349.1	364.3	374.9	399.9	Housing and community services	63	1.5	2.3	1.4	1.3
Public order and safety	7	173.0	187.1	203.2	218.7	Health	64	46.1	46.4	51.4	55.4
Police.....	8	68.4	75.3	82.2	89.4	Recreation and culture	65	2.8	2.9	3.4	3.2
Fire.....	9	22.0	23.1	24.8	26.6	Education	66	5.7	5.5	5.9	6.8
Law courts.....	10	32.7	34.3	36.9	39.6	Elementary and secondary	67	.7	.8	.7	.7
Prisons.....	11	50.0	54.4	59.3	63.2	Higher	68	1.0	1.2	1.3	1.4
Economic affairs	12	241.0	259.6	278.7	289.3	Other	69	4.1	3.5	3.9	4.7
General economic and labor affairs.....	13	21.9	23.9	28.1	25.1	Income security	70	8.1	7.7	8.5	8.6
Agriculture.....	14	11.9	13.6	14.9	16.0	Disability	71	.6	.3	.5	.5
Energy.....	15	12.5	15.3	17.6	15.8	Retirement ¹	72	1.6	1.0	1.5	1.4
Natural resources.....	16	24.3	24.8	27.5	28.7	Welfare and social services	73	4.2	4.7	4.6	4.5
Transportation.....	17	148.3	159.4	167.8	180.3	Unemployment.....	74	.1	.1	.1	.4
Highways.....	18	116.4	125.3	131.9	141.5	Other	75	1.7	1.7	1.7	1.8
Air.....	19	15.2	16.5	16.7	18.3	State and local	76	999.3	1,076.0	1,161.8	1,229.9
Water.....	20	8.5	9.1	9.8	10.4	General public service	77	118.8	129.8	142.2	147.5
Transit and railroad	21	8.2	8.5	9.4	10.1	Executive and legislative.....	78	16.7	18.2	19.9	21.1
Postal service.....	22	4.8	5.7	5.4	5.3	Tax collection and financial management	79	30.3	32.6	35.8	35.6
Space.....	23	16.9	16.5	16.9	17.5	Other ²	80	71.8	78.9	86.6	90.7
Other.....	24	.3	.4	.4	.4	Public order and safety	81	153.6	164.6	178.8	192.4
Housing and community services	25	29.6	30.3	28.1	29.5	Police.....	82	58.0	62.4	68.4	75.0
Health	26	76.9	82.0	92.7	99.3	Fire.....	83	21.9	23.0	24.7	26.4
Recreation and culture	27	22.1	23.5	25.2	26.2	Law courts.....	84	26.6	28.5	30.8	32.6
Education	28	443.6	474.6	511.8	544.0	Prisons.....	85	47.0	50.7	54.9	58.4
Elementary and secondary	29	343.7	369.2	397.3	421.2	Economic affairs	86	163.6	177.3	189.7	198.9
Higher	30	78.7	83.7	90.7	97.0	General economic and labor affairs.....	87	13.5	14.3	15.2	15.6
Libraries.....	31	6.7	7.1	7.7	8.0	Agriculture.....	88	4.8	5.4	6.1	6.1
Other.....	32	14.5	14.6	16.2	17.8	Energy.....	89	3.9	4.8	7.1	4.0
Income security	33	55.1	58.6	63.9	67.4	Natural resources.....	90	11.1	11.7	12.5	13.3
Disability	34	3.5	3.3	3.4	3.5	Transportation.....	91	130.0	140.7	148.4	159.4
Retirement ¹	35	1.6	1.0	1.5	1.4	Highways.....	92	116.0	125.0	131.6	141.2
Welfare and social services	36	48.3	52.6	57.1	60.3	Air.....	93	5.2	6.0	6.1	6.5
Unemployment.....	37	.1	.1	.1	.4	Water.....	94	1.2	1.4	1.6	1.8
Other.....	38	1.7	1.7	1.7	1.8	Transit and railroad	95	7.6	8.3	9.2	9.9
Federal	39	539.2	565.0	589.2	628.1	Other	96	.3	.4	.4	.4
General public service	40	29.1	31.1	30.3	36.3	Housing and community services	97	28.1	28.1	26.7	28.2
Executive and legislative.....	41	15.8	16.7	17.3	18.5	Water.....	98	8.8	9.2	8.3	9.1
Tax collection and financial management	42	13.3	14.4	13.0	17.8	Sewerage.....	99	8.2	7.9	7.1	7.5
Other ²	43					Sanitation.....	100	7.3	7.6	8.2	8.3
National defense	44	349.1	364.3	374.9	399.9	Other	101	3.7	3.4	3.1	3.4
Public order and safety	45	19.4	22.5	24.4	26.3	Health	102	30.8	35.6	41.3	43.9
Police.....	46	10.4	12.9	13.8	14.3	Recreation and culture	103	19.4	20.6	21.8	22.9
Fire.....	47	.1	.0	.1	.2	Education	104	437.9	469.1	505.8	537.2
Law courts.....	48	6.0	5.8	6.1	6.9	Elementary and secondary	105	343.1	368.4	396.5	420.5
Prisons.....	49	2.9	3.7	4.4	4.9	Higher	106	77.7	82.5	89.4	95.6
Economic affairs	50	77.3	82.2	89.0	90.3	Libraries.....	107	6.7	7.1	7.7	8.0
General economic and labor affairs.....	51	8.3	9.6	13.0	9.5	Other	108	10.4	11.2	12.2	13.0
Agriculture.....	52	7.1	8.2	8.8	9.9	Income security	109	47.1	50.8	55.4	58.8
Energy.....	53	8.6	10.5	10.5	11.8	Disability	110	3.0	2.9	2.9	3.0
Natural resources.....	54	13.3	13.1	15.1	15.4	Welfare and social services	111	44.1	47.9	52.5	55.8
Transportation.....	55	18.3	18.7	19.4	20.9	Other.....	112				
Highways.....	56	.4	.3	.4	.4						
Air.....	57	10.0	10.5	10.6	11.8						

1. Consists of consumption expenditures to administer social insurance funds, including old age and survivors insurance (social security) and railroad retirement. Excludes government employee retirement plans.
2. Consists of consumption expenditures to administer Federal revenue sharing grants to State and local governments

beginning with 1972 and ending with 1987.
3. Consists primarily of unallocable State and local government consumption expenditures and gross investment.

Table 3.16. Government Current Expenditures by Function
[Billions of dollars]

	Line	1998	1999	2000	2001		Line	1998	1999	2000	2001
Government ¹	1	2,529.3	2,630.1	2,775.8	2,951.6	Air	59	7.1	7.2	7.4	13.5
General public service	2	413.2	407.7	418.0	401.3	Water	60	6.7	7.0	7.5	7.9
Executive and legislative	3	43.4	45.9	51.5	49.2	Transit and railroad	61	1.2	9	9	7
Tax collection and financial management	4	35.2	38.2	39.1	43.1	Postal service	62	4.4	4.9	5.4	7.1
Net interest paid ²	5	278.5	262.7	259.7	235.6	Space	63	13.0	12.6	12.8	13.4
Other ³	6	56.1	60.9	67.8	73.4	Other	64				
National defense	7	299.4	311.7	321.0	344.1	Housing and community services	65	31.0	31.5	30.1	31.8
Public order and safety	8	160.6	173.6	189.3	203.7	Health	66	365.1	376.8	399.7	447.0
Police	9	64.1	70.5	77.1	84.0	Recreation and culture	67	2.8	3.0	3.4	3.4
Fire	10	20.5	21.6	23.3	25.0	Education	68	38.2	41.2	42.1	48.3
Law courts	11	30.5	32.2	34.7	37.2	Elementary and secondary	69	14.0	16.8	17.7	19.6
Prisons	12	45.5	49.4	54.2	57.6	Higher	70	14.0	14.8	14.0	16.3
Economic affairs	13	152.7	171.5	187.4	206.4	Other	71	10.2	9.6	10.4	12.4
General economic and labor affairs	14	21.6	23.3	27.1	25.0	Income security	72	552.1	570.1	597.7	643.6
Agriculture	15	24.6	36.1	38.9	38.1	Disability	73	71.9	75.9	80.6	86.5
Energy	16	-5.5	-5.2	-5.8	1.6	Retirement ⁵	74	332.6	339.4	358.0	377.4
Natural resources	17	18.6	18.8	21.2	22.1	Welfare and social services	75	93.8	96.8	100.2	107.3
Transportation	18	90.2	95.3	102.4	114.1	Unemployment	76	23.1	24.0	24.1	35.8
Highways	19	62.4	66.4	72.1	76.4	Other	77	30.6	34.0	34.9	36.5
Air	20	4.8	4.9	4.9	11.2	State and local	78	1,033.7	1,105.8	1,196.2	1,292.6
Water	21	6.6	6.8	7.3	7.7	General public service	79	100.3	107.6	117.1	124.3
Transit and railroad	22	16.4	17.3	18.2	18.9	Executive and legislative	80	15.0	16.2	17.7	18.9
Postal service	23	4.4	4.9	5.4	7.1	Tax collection and financial management	81	29.2	31.6	34.9	34.6
Space	24	12.2	11.8	12.0	12.5	Net interest paid ²	82	0	-1.1	-3.2	-2.5
Other ⁴	25	-13.3	-13.5	-13.8	-14.2	Other ⁷	83	56.1	60.9	67.8	73.4
Housing and community services	26	25.8	25.5	25.0	26.3	Public order and safety	84	144.1	154.7	168.7	181.8
Health	27	450.7	469.2	502.9	561.9	Police	85	55.1	59.2	65.1	71.5
Recreation and culture	28	16.5	17.5	19.2	20.0	Fire	86	20.5	21.5	23.2	24.8
Education	29	418.7	441.7	470.2	499.2	Law courts	87	25.2	27.2	29.5	31.2
Elementary and secondary	30	308.2	326.4	348.4	367.4	Prisons	88	43.3	46.7	51.0	54.3
Higher	31	77.9	81.5	85.4	91.8	Economic affairs	89	81.1	87.1	95.0	107.8
Libraries	32	5.8	6.2	6.6	6.9	General economic and labor affairs	90	13.8	14.5	15.5	16.2
Other	33	26.7	27.6	29.9	33.0	Agriculture	91	4.4	5.0	5.7	5.6
Income security	34	591.7	611.7	642.7	688.7	Energy	92	-7.3	-8.0	-8.7	-2.1
Disability	35	83.9	87.7	92.8	99.1	Natural resources	93	8.6	9.1	9.9	10.7
Retirement ⁵	36	332.6	339.4	358.0	377.4	Transportation	94	74.9	80.0	86.4	91.7
Welfare and social services	37	127.5	132.8	138.7	147.0	Highways	95	62.1	66.1	71.8	76.1
Unemployment	38	19.8	20.6	21.0	32.6	Air	96	-2.2	-2.4	-2.5	-2.3
Other	39	28.0	31.2	32.2	32.7	Water	97	-2	-2	-2	-3
Federal	40	1,705.9	1,755.3	1,827.1	1,936.4	Transit and railroad	98	15.3	16.4	17.4	18.2
General public service	41	314.7	301.4	301.6	277.8	Other ⁴	99	-13.3	-13.5	-13.8	-14.2
Executive and legislative	42	30.3	31.0	34.5	31.1	Housing and community services	100	6.0	6.0	7.8	7.5
Tax collection and financial management	43	6.0	6.6	4.2	8.6	Water	101	-4.8	-5.4	-5.5	-5.6
Net interest paid	44	278.5	263.8	263.0	238.1	Sewerage	102	-1.1	-1.2	-1.2	-1.4
Other ⁶	45	0	0	0	0	Sanitation	103	6.0	6.4	7.0	7.0
National defense	46	302.5	314.9	324.2	347.3	Other	104	6.0	6.2	7.5	7.4
Public order and safety	47	19.4	23.5	26.3	28.5	Health	105	196.7	215.6	236.5	268.0
Police	48	10.8	13.0	14.5	15.8	Recreation and culture	106	13.9	14.7	16.1	16.8
Fire	49	0	0	0	2	Education	107	398.0	421.0	449.5	474.8
Law courts	50	6.1	7.6	8.2	8.9	Elementary and secondary	108	307.2	325.3	347.3	366.3
Prisons	51	2.4	2.9	3.5	3.7	Higher	109	65.3	68.4	72.6	77.0
Economic affairs	52	80.2	92.9	101.8	108.7	Libraries	110	5.8	6.2	6.6	6.9
General economic and labor affairs	53	12.1	13.3	16.3	13.5	Other	111	19.7	21.1	22.9	24.6
Agriculture	54	21.0	31.9	34.0	33.4	Income security	112	93.6	99.1	105.5	111.6
Energy	55	2.8	3.9	4.0	4.7	Disability	113	13.4	13.5	13.9	14.3
Natural resources	56	11.4	10.9	13.3	14.2	Welfare and social services	114	80.2	85.6	91.6	97.2
Transportation	57	15.3	15.4	16.0	22.4	Other	115				
Highways	58	4	3	3	3						

1. Equals Federal Government current expenditures less grants-in-aid to State and local governments plus State and local government current expenditures. Federal grants-in-aid to State and local governments by function are shown in table 3.17.
 2. Includes dividends received by government shown separately in tables 3.1 and 8.19 for total government and in table 3.3 for State and local government.
 3. Equals unallocable State and local government expenditures, less "wage accruals less disbursements" shown in table 3.1; includes Federal revenue sharing grants to State and local governments beginning with 1972 and ending with 1987.

4. Consists of State and local government publicly owned liquor store systems, government-administered lotteries and parimutuels, and other commercial activities.
 5. Consists of social insurance funds, including old age and survivors insurance (social security) and railroad retirement. Excludes government employee retirement plans.
 6. Consists primarily of Federal revenue sharing grants to State and local governments beginning with 1972 and ending with 1987, less "wage accruals less disbursements" shown in table 3.2.
 7. Equals unallocable State and local government expenditures less "wage accruals less disbursements" shown in table 3.3.

Table 3.17. Selected Government Current Expenditures by Function

(Billions of dollars)

	Line	1998	1999	2000	2001		Line	1998	1999	2000	2001
Current expenditures ¹											
Consumption expenditures:											
Government	1	1,261.4	1,336.3	1,431.2	1,522.2	Unemployment	74	3.3	3.4	3.1	3.3
General public service	2	124.6	134.4	145.4	157.0	Other	75	2.7	2.8	2.7	3.8
National defense	3	299.7	312.0	321.4	344.5	Subsidies less current surplus of government enterprises:					
Public order and safety	4	160.4	173.5	189.2	203.6	Government	76	23.5	32.5	34.1	47.3
Economic affairs	5	145.5	154.0	167.9	174.7	General public service	77	-1	0	0	0
Housing and community services	6	7.4	8.4	8.3	8.2	National defense	78	-3	-3	-3	-3
Health	7	61.2	65.5	75.4	81.1	Economic affairs	79	5.5	15.8	17.8	29.6
Recreation and culture	8	16.2	17.0	18.8	19.5	General economic and labor affairs	80				
Education	9	393.2	415.2	443.3	468.5	Agriculture	81	14.0	24.0	25.5	23.8
Income security	10	53.1	56.2	61.6	65.0	Energy	82	-11.1	-11.7	-12.1	-5.5
Federal	11	453.1	471.6	493.3	528.4	Natural resources	83	3	3	3	4
General public service	12	25.5	26.9	26.4	31.6	Transportation	84	11.4	12.1	12.7	18.6
National defense	13	299.7	312.0	321.4	344.5	Postal service	85	4.3	4.5	5.2	6.5
Public order and safety	14	16.5	18.9	20.6	21.9	Other ³	86	-13.3	-13.5	-13.9	-14.3
Economic affairs	15	55.6	57.8	63.5	64.8	Housing and community services	87	18.4	17.1	16.7	18.1
Housing and community services	16	1.4	2.1	1.3	1.2	Federal	88	33.4	43.0	43.8	50.3
Health	17	39.8	39.9	44.6	48.2	General public service	89	-1	0	0	0
Recreation and culture	18	2.3	2.3	2.7	2.6	National defense	90	-3	-3	-3	-3
Education	19	5.1	4.8	5.2	5.9	Economic affairs	91	15.5	25.9	28.3	33.1
Income security	20	7.4	6.9	7.7	7.8	General economic and labor affairs	92				
State and local	21	808.3	864.7	937.9	993.7	Agriculture	93	14.0	24.0	25.5	23.8
General public service	22	99.2	107.5	119.0	125.5	Energy	94	-3.8	-3.7	-3.4	-3.3
Public order and safety	23	144.0	154.6	168.6	181.7	Natural resources	95	3	3	3	4
Economic affairs	24	89.9	96.2	104.3	109.9	Transportation	96	7	7	7	5.7
Housing and community services	25	6.0	6.4	7.0	7.0	Postal service	97	4.3	4.5	5.2	6.5
Health	26	21.5	25.6	30.8	33.0	Housing and community services	98	18.3	17.5	15.9	17.6
Recreation and culture	27	450.7	469.2	502.9	561.9	State and local	99	-9.9	-10.5	-9.7	-3.1
Education	28	388.2	410.5	438.1	462.6	Economic affairs	100	-9.9	-10.1	-10.5	-3.5
Income security	29	45.7	49.4	53.9	57.3	Energy	101	-7.3	-8.0	-8.7	-2.1
Transfer payments (net):						Transportation	102	10.7	11.4	12.0	12.8
Government	30	965.9	998.5	1,050.8	1,146.6	Other ³	103	-13.3	-13.5	-13.9	-14.3
General public service	31	10.1	10.6	13.0	8.7	Housing and community services	104	1	-4	8	5
Public order and safety	32	2	1	2	2	Gross investment					
Economic affairs	33	1.7	1.7	1.7	2.1	Government	105	277.1	304.7	319.8	335.8
Housing and community services	34	0	0	0	0	General public service	106	24.9	28.2	28.9	28.6
Health	35	389.5	403.7	427.5	480.8	National defense	107	49.4	52.3	53.5	55.5
Recreation and culture	36	3	5	4	5	Public order and safety	108	11.0	12.0	12.3	13.2
Education	37	25.5	26.5	26.9	30.7	Economic affairs	109	95.5	105.6	110.9	114.5
Income security	38	538.6	555.5	581.1	623.7	Housing and community services	110	22.2	21.9	19.8	21.3
Federal	39	730.6	745.8	779.5	842.2	Health	111	15.7	16.5	17.3	18.2
General public service	40	9.0	9.4	11.6	7.4	Recreation and culture	112	6.0	6.5	6.4	6.7
Public order and safety	41	0	0	0	0	Education	113	50.4	59.4	68.5	75.5
Economic affairs	42	6	6	6	6	Income security	114	2.1	2.3	2.3	2.4
Housing and community services	43	0	0	0	0	Federal	115	86.1	93.4	95.9	99.7
Health	44	214.2	213.6	221.7	245.8	General public service	116	5.3	5.9	5.6	6.7
Recreation and culture	45	3	5	4	5	National defense	117	49.4	52.3	53.5	55.5
Education	46	15.6	15.9	15.6	18.5	Public order and safety	118	1.3	1.9	2.1	2.5
Income security	47	490.8	505.7	529.5	569.4	Economic affairs	119	21.8	24.4	25.5	25.5
State and local	48	235.3	252.7	271.3	304.4	Housing and community services	120	1	2	1	1
General public service	49	1.1	1.3	1.4	1.3	Health	121	6.3	6.5	6.9	7.2
Public order and safety	50	1	1	1	1	Recreation and culture	122	5	6	6	6
Economic affairs	51	1.1	1.0	1.2	1.4	Education	123	7	7	7	9
Health	52	175.3	190.0	205.7	235.0	Income security	124	7	9	8	8
Education	53	9.8	10.5	11.3	12.2	State and local	125	191.0	211.3	223.9	236.2
Income security	54	47.9	49.7	51.6	54.3	General public service	126	19.6	22.3	23.3	22.0
Grants-in-aid to State and local governments:						Public order and safety	127	9.6	10.0	10.2	10.8
Federal ²	55	210.3	231.0	247.5	277.4	Economic affairs	128	73.7	81.2	85.4	89.0
General public service	56	1.8	1.3	1.7	1.8	Housing and community services	129	22.1	21.7	19.7	21.1
National defense	57	3.1	3.2	3.2	3.2	Health	130	9.4	10.0	10.4	11.0
Public order and safety	58	2.8	4.6	5.7	6.6	Recreation and culture	131	5.5	5.9	5.7	6.1
Economic affairs	59	8.5	8.6	9.4	10.1	Education	132	49.7	58.7	67.7	74.6
General economic and labor affairs	60	4.3	4.4	4.6	4.7	Income security	133	1.4	1.5	1.5	1.6
Agriculture	61	9	9	8	8	Capital transfers paid					
Energy	62	1.0	1.1	1.1	1.0	Federal ⁴	134	28.8	36.1	36.1	40.8
Natural resources	63	1.4	1.3	2.0	2.8	General public service ⁵	135	0	4.2	0	0
Transportation	64	0	0	0	0	Economic affairs	136	26.2	29.1	32.8	37.4
Space	65	9	9	8	8	Transportation	137	26.2	29.1	32.8	37.4
Housing and community services	66	11.2	12.0	12.9	13.0	Highways ⁶	138	20.7	23.4	25.6	28.1
Health	67	111.1	123.2	133.4	153.1	Air ⁶	139	1.5	1.5	1.7	2.3
Recreation and culture	68	2	2	3	3	Water ⁷	140				
Education	69	17.5	20.5	21.3	23.9	Transit and railroad ⁶	141	3.9	4.2	5.6	7.0
Income security	70	53.9	57.5	60.6	66.4	Housing and community services ⁶	142	2.6	2.8	3.3	3.4
Disability	71	1.4	1.6	1.6	1.7	Health ⁶	143				
Retirement	72										
Welfare and social services	73	46.5	49.6	53.2	57.6						

1. Equals consumption expenditures, transfer payments, net interest paid, less dividends received by government, subsidies less current surplus of government enterprises, less "wage accruals less disbursements"; for Federal Government, also includes grants-in-aid to State and local governments, Government, Federal Government, and State and local government current expenditures are shown separately in tables 3.1, 3.2, and 3.3.

2. Federal grants-in-aid to State and local governments are included in Federal current expenditures; because the grants are transactions between levels of government, they are eliminated in the consolidation of the government sector.

3. Consists of publicly owned liquor store systems, government-administered lotteries and parimutuels, and other commercial activities.

4. No State and local government capital transfers have been identified.

5. Consists of forgiveness of debts owed by foreign governments to the U.S. Government.

6. Consists of Federal Government investment grants to State and local governments.

7. Consists of maritime construction subsidies paid to business by the Federal Government.

Table 3.18B. Relation of Federal Government Current Receipts and Expenditures in the National Income and Product Accounts to the Budget, Fiscal Years and Quarters
[Billions of dollars]

	Line	1998	1999	2000	2001	Quarterly totals not seasonally adjusted															
						1998				1999				2000				2001			
						IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Current receipts																					
Budget receipts	1	1,721.4	1,827.3	2,025.0	1,990.2	412.6	401.4	564.2	449.1	443.6	433.7	656.0	491.7	461.3	459.8	660.3	408.9	469.8			
Less: Coverage differences	2	34.0	39.0	41.4	40.8	9.2	8.8	11.8	9.2	10.6	9.4	12.0	9.4	9.2	10.0	12.4	9.8	9.8			
Geographic ¹	3	3.2	3.3	3.5	3.6	.7	.9	.9	.8	.8	1.0	1.0	.8	.8	1.0	1.0	.8	.8			
Contributions received by Federal employee retirement plans ²	4	4.3	4.5	4.8	4.7	1.2	1.0	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1			
Capital transfers received ³	5	23.9	27.6	28.8	28.2	6.4	5.9	8.9	6.4	7.6	6.2	8.8	6.3	6.8	6.5	8.9	6.0	6.5			
Financial transactions	6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
Other ⁴	7	2.6	3.6	4.3	4.3	.9	.9	.8	1.0	1.1	1.1	1.1	1.1	.4	1.3	1.3	1.3	1.3			
Netting and grossing differences	8	-40.8	-41.6	-45.4	-49.9	-10.2	-9.1	-10.2	-12.1	-10.6	-11.3	-10.9	-12.7	-10.7	-12.9	-12.9	-13.5	-11.3			
Supplementary medical insurance premiums	9	-20.7	-21.6	-21.9	-23.7	-6.7	-4.1	-5.4	-5.4	-5.5	-5.4	-5.5	-5.5	-5.5	-6.1	-6.0	-6.1	-6.1			
Taxes received from the rest of the world ⁵	10	5.2	6.2	6.7	7.2	2.0	1.3	1.4	1.5	1.6	1.7	1.7	1.7	2.0	1.9	1.6	1.7	1.7			
Other ⁶	11	-25.2	-26.2	-30.2	-33.4	-5.5	-6.4	-6.2	-8.2	-6.7	-7.5	-7.1	-8.9	-7.1	-8.7	-8.5	-9.1	-6.8			
Plus: Timing differences	12	2.5	-3.9	-9.6	16.8	-15.1	33.1	-21.8	-1	-3.8	31.6	-32.7	-4.7	-8.5	26.2	-24.2	23.4	-24.8			
Corporate profits taxes	13	-3.0	.1	-9.7	12.9	-5.6	19.5	-15.1	1.3	-1.4	19.3	-24.7	-2.8	-7.3	11.7	-14.8	23.4	-24.4			
Federal and State unemployment insurance taxes	14	-1	.5	.4	.0	-7	9.2	-6.3	-1.7	-7	10.0	-7.3	-1.6	-8.0	10.3	-7.7	-1.7	-8			
Withheld personal income tax and social security contributions	15	1.6	2.3	1.4	3.1	-2.0	2.0	-2	2.4	-2.3	2.0	-4	2.2	-1.3	4.2	-2.8	3.0	-4.6			
Excise taxes	16	3.0	-6.8	-1.8	.6	-5.3	.8	-2	-2.2	.6	.4	-3	-2.5	.9	.1	1.0	-1.4	5.0			
Other	17	.9	.1	.1	.2	-1.5	1.6	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0			
Equals: Federal Government current receipts, national income and product accounts	18	1,730.7	1,826.0	2,019.5	2,016.2	398.5	434.9	540.8	451.8	439.8	467.2	622.2	490.3	454.3	488.9	636.6	436.4	446.4			
Current expenditures																					
Budget outlays	19	1,651.4	1,702.8	1,788.3	1,863.2	467.6	396.4	420.0	418.9	464.2	448.7	444.3	431.1	463.6	482.2	466.6	450.8	503.5			
Less: Coverage differences	20	-6.3	11.4	2.6	12.3	-10.9	23.2	-9	.0	-9.1	19.5	.3	-9.2	-7.9	25.9	.7	-6.4	-5.8			
Geographic ⁷	21	8.9	9.8	10.6	11.1	2.6	2.4	2.4	2.4	2.7	2.6	2.6	2.7	2.7	2.7	2.7	2.8	2.9			
Federal employee retirement plan transactions ²	22	-31.6	-32.2	-31.5	-31.8	-24.7	12.5	-7.7	-12.3	-23.8	12.5	-8.2	-12.0	-25.3	13.7	-8.5	-11.7	-26.0			
Interest received	23	-44.8	-46.9	-46.6	-49.1	-22.6	-1.4	-21.4	-1.4	-21.9	-1.5	-22.3	-9	-23.4	-1.2	-23.4	-1.2	-23.5			
Contributions received (employer)	24	-62.1	-62.6	-64.7	-66.2	-21.0	-5.4	-5.7	-30.5	-21.4	-6.0	-6.1	-31.2	-22.1	-6.3	-6.2	-31.6	-23.6			
Benefits paid	25	75.3	77.2	79.7	83.3	18.9	19.3	19.4	19.6	19.5	20.0	20.1	20.1	20.1	21.1	21.1	21.1	21.0			
Administrative expenses	26	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
Financing disbursements from credit programs ⁸	27	-11.0	-15.2	-17.1	-23.3	-3.6	-3.8	-3.8	-3.8	-4.3	-4.3	-4.3	-4.3	-5.8	-5.8	-5.8	-5.8	-4.4			
Other differences in funds covered ⁹	28	1.5	2.7	2.5	4.1	.5	.6	.9	.8	1.4	1.3	.5	-.8	1.3	.9	1.0	1.0	1.1			
Net investment ¹⁰	29	-2.8	-2	1.1	-1	-6	-1.9	.6	1.7	1.5	-1.1	.2	.5	-.4	-1.4	.1	.8	1.4			
Capital transfers paid ¹¹	30	28.2	31.3	35.0	39.7	8.0	5.8	7.7	9.7	8.7	7.5	8.6	10.2	9.8	8.3	9.9	11.8	10.8			
Financial transactions	31	5.7	16.8	2.3	13.5	7.7	8.2	-6	1.5	4.9	.9	1.2	-4.7	9.3	8.5	1.6	-5.9	8.3			
Loan disbursements less loan repayments and sales	32	11.3	26.5	8.2	21.6	8.2	9.8	4.7	3.8	4.2	4.2	4.9	-5.2	11.2	9.9	5.0	-4.5	6.2			
Deposit insurance	33	-3.1	-2.9	-2.2	-.8	-1.7	-2	-7	-3	-1	-1.6	-3	-1	-4	-4	-2	2	6			
Net purchases of foreign currency	34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
Other	35	-2.5	-6.8	-3.7	-7.4	1.2	-1.3	-4.6	-2.0	.8	-1.7	-3.4	.6	-1.5	-1.0	-3.2	-1.7	1.5			
Net purchases of nonproduced assets	36	-5.2	-1.6	-.3	-.9	-.8	-.5	-.3	.0	-.1	.0	-.3	.1	-.1	-1.0	-.3	.6	.0			
Outer Continental Shelf	37	-.5	.0	-.2	.0	-.6	-.2	-.1	.8	-.1	.0	-.3	.2	-.2	.0	-.4	.5	.0			
Land and other ¹²	38	-4.7	-1.6	.0	-.9	-.2	-.4	-.2	-.8	.0	.0	.0	-.1	.0	-1.0	.0	.0	.1			
Other ¹³	39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
Netting and grossing differences	40	-40.8	-41.6	-45.4	-49.9	-10.2	-9.1	-10.2	-12.1	-10.6	-11.3	-10.9	-12.7	-10.7	-12.9	-12.9	-13.5	-11.3			
Supplementary medical insurance premiums	41	-20.7	-21.6	-21.9	-23.7	-6.7	-4.1	-5.4	-5.4	-5.5	-5.4	-5.5	-5.5	-5.5	-6.1	-6.0	-6.1	-6.1			
Taxes received from the rest of the world ⁵	42	5.2	6.2	6.7	7.2	2.0	1.3	1.4	1.5	1.6	1.7	1.7	1.7	2.0	1.9	1.6	1.7	1.7			
Other ⁶	43	-25.2	-26.2	-30.2	-33.4	-5.5	-6.4	-6.2	-8.2	-6.7	-7.5	-7.1	-8.9	-7.1	-8.7	-8.5	-9.1	-6.8			
Plus: Timing differences	44	-2.1	2.5	-13.6	9.4	-34.3	38.4	.0	-1.7	-9.6	1.7	-.7	-5.0	1.8	.0	.8	6.8	-10.5			
Purchases (increase in payables net of advances)	45	.8	5.0	-5.3	5.7	-2.1	4.3	1.1	1.8	-5.5	1.4	-.9	-.4	-1.0	.7	2	5.8	-6.1			
Interest	46	-2.6	-1.4	-2.6	-1.6	1.9	-.7	.5	-3.2	.3	-.1	.4	-3.3	1.9	-.7	1.1	-3.9	1.1			
Transfer payments	47	-.6	-1.3	-5.2	2.7	-33.7	33.5	-.4	-.6	-4.4	.0	-.4	-.4	-.1	-.5	-.6	3.9	-4.5			
Subsidies less current surplus of government enterprises	48	.4	.2	-.6	2.6	-.4	1.4	-1.2	.3	-.1	.4	-.2	-1.0	1.0	.6	.0	1.0	-1.0			
Equals: Federal Government current expenditures, national income and product accounts	49	1,696.4	1,735.4	1,817.5	1,910.2	454.4	420.7	431.0	429.3	474.3	442.2	454.1	446.9	483.9	469.3	479.5	477.5	510.1			
Surplus or deficit (-)																					
Budget surplus or deficit (-) (1-19)	50	70.0	124.4	236.8	127.0	-55.0	5.1	144.2	30.2	-20.6	-14.9	211.8	60.6	-2.3	-22.5	193.7	-41.9	-33.7			
Plus: Net investment (29)	51	-2.8	-.2	1.1	-.1	-.6	-1.9	.6	1.7	1.5	-1.1	.2	.5	.4	-1.4	.1	.8	1.4			
Less: Net capital transfers received (5-30)	52	-4.3	-3.6	-6.2	-11.5	-1.6	.1	1.2	-3.4	-1.1	-1.3	.2	-3.9	-2.9	-1.8	-1.0	-5.8	-4.3			
Federal employee retirement plans (4-22)	53	35.9	36.6	36.3	36.5	25.8	-11.4	8.8	13.4	25.1	-11.4	9.4	13.1	26.5	-12.5	9.7	12.8	27.1			
Other coverage differences (3+6+7-21-27-28-31-36-39)	54	4.5	-5.7	9.9	3.4	-5.3	-5.0	3.2	.8	-2.7	1.5	2.3	8.8	-6.1	-3.0	3.1	9.4	-5.8			
Timing differences (44-12)	55	-3.1	6.4	-4.0	-7.4	-18.6	5.4	21.8	-1.6	-5.8	-29.9	32.0	-.3	10.3	-26.1	25.0	-16.5	14.4			
Equals: Federal Government current surplus or deficit (-), national income and product accounts (18-49)	56	34.3	90.6	202.0	106.0	-55.9	14.2	109.7	22.5	-34.5	25.0	168.1	43.4	-29.6	19.6	157.1	-41.0	-63.6			

1. Consists largely of contributions for social insurance by residents of U.S. territories and Puerto Rico.
 2. These transactions are included in the NIPA personal sector.
 3. Consists of estate and gift taxes.
 4. Consists largely of U.S. Treasury receipts from sales of foreign currencies to Government agencies.
 5. Taxes received from the rest of the world are included in receipts in the budget and netted against expenditures (transfer payments) in the NIPAs.
 6. Includes proprietary receipts that are netted against outlays in the budget and classified as receipts in the NIPAs. Also includes some transactions that are not reflected in the budget data but are added to both receipts and expenditures in the NIPAs.
 7. Consists largely of transfer payments, subsidies, and grants-in-aid to residents of U.S. territories and Puerto Rico.
 8. Consists of transactions (not included in the budget totals) that record all cash flows arising from post-1991 direct loan obligations and loan guarantee commitments. Many of these flows are for new loans or loan repayments; consequently, related entries are included in line 32.

9. Consists largely of agencies or accounts such as the Postal Service and the Federal Financing Bank that were not included in the budget in some time periods.
 10. Net investment is gross investment less consumption of fixed capital for government enterprises and general government.
 11. Consists of investment grants to State and local governments and maritime construction subsidies. Does not include the forgiveness of debts owed by foreign governments to the U.S. Government; this forgiveness is classified as a capital transfer paid by the United States and is excluded from both budget outlays and NIPA current expenditures.
 12. Consists of net sales of land other than the Outer Continental Shelf and, beginning with 1995, includes the auction of the radio spectrum.
 13. Consists largely of net expenditures of foreign currencies.
 Note. Through 1976, fiscal year estimates reflect a July 1-June 30 Federal fiscal year. Beginning with 1977, fiscal year estimates reflect an October 1-September 30 Federal fiscal year. NIPA quarterly and fiscal year estimates in this table are consistent with the not seasonally adjusted estimates in table 9.3.

Table 3.19. Relation of State and Local Government Current Receipts and Expenditures in the National Income and Product Accounts to Bureau of Census Government Finances Data, Fiscal Years
[Billions of dollars]

	Line	1998	1999	2000	2001
Current receipts					
Census total revenue	1	1,720.9	1,794.1		
Less: Coverage differences	2	314.4	310.4		
State and local employee retirement plan transactions ¹	3	237.5	236.5		
Contributions ²	4	38.3	39.0		
Interest received ³	5	71.0	63.3		
Dividends received ³	6	20.8	22.4		
Capital gains net of losses ⁴	7	107.4	111.9		
Unemployment insurance fund contributions and earnings ⁵	8	23.2	22.2		
Certain grant programs	9	11.1	10.0		
Capital transfers received ⁶	10	35.0	37.5		
Financial transactions ⁴	11	1.6	1.7		
Sale of land	12	1.6	1.2		
Other	13	4.4	1.2		
Netting and grossing differences	14	366.0	379.3		
Revenues of government enterprises	15	155.1	161.7		
Government sales included in Census total revenue ⁷	16	142.2	147.9		
Interest and dividends received, excluding retirement plans	17	69.4	70.5		
Employer contributions to own social insurance funds	18	-8	-8		
Plus: Timing differences	19	12.6	1.0		
Corporate profits taxes ⁸	20	.5	.6		
Other ⁸	21	12.1	.4		
Equals: State and local government current receipts, national income and product accounts	22	1,053.1	1,105.4		
Current expenditures					
Census total expenditures	23	1,529.3	1,625.9		
Less: Coverage differences	24	172.4	191.9		
State and local employee retirement plan transactions ⁹	25	58.5	64.5		
Employer contributions to own retirement plans	26	-25.3	-24.7		
Benefits paid	27	80.2	85.3		
Administrative expenses	28	3.6	3.9		
Unemployment insurance fund benefits paid ⁵	29	17.8	19.2		
Net investment ¹⁰	30	89.4	99.9		
Services provided without payment by domestic securities brokers	31	-1.2	-1.5		
Purchases of land	32	7.9	9.7		
Other	33				
Netting and grossing differences	34	366.0	379.3		
Revenues of government enterprises	35	155.1	161.7		
Government sales included in Census total revenue ⁷	36	142.2	147.9		
Interest and dividends received, excluding retirement plans	37	69.4	70.5		
Employer contributions to own social insurance funds	38	-8	-8		
Plus: Timing differences, excess of accruals over disbursements, and other ⁸	39	16.1	9.8		
Equals: State and local government current expenditures, national income and product accounts	40	1,007.0	1,064.6		
Surplus or deficit (-)					
Census total revenue less Census total expenditures (1-23)	41	191.6	168.2		
Plus: Net investment (30)	42	89.4	99.9		
Less: Net capital transfers received (10)	43	35.0	37.5		
State and local employee retirement plans (3-25)	44	179.0	172.0		
Other coverage differences (8+9+11+12+13-29-31-32-33)	45	17.4	9.0		
Timing differences (39-19)	46	3.5	8.8		
Equals: State and local government current surplus or deficit (-), national income and product accounts (22-40)	47	46.1	40.8		

1. Contributions received, interest received, and dividends received are included in the NIPA personal sector. Capital gains net of losses are excluded from the NIPAs.

2. Consists of employer and employee contributions, except employer contributions to their own employee retirement plans.

3. Prior to 1968, dividends received is included in interest received (line 5).

4. Prior to 1985, capital gains (net of losses) of State and local employee retirement plans is included in line 11.

5. Unemployment insurance is recorded as a Federal program in the NIPAs.

6. Consists of estate and gift taxes and Federal investment grants.

7. In the NIPAs, final expenditure components of GDP are recorded net of sales or receipts; all current-account sales by general government are therefore deducted in the calculation of NIPA current expenditures. However, most sales by general government are included in Census total revenue; a reconciliation item for these sales is therefore required for both receipts and expenditures. The amount of the reconciliation item is less than the sales shown in table 3.9 because Census total revenue does not include medical vendor payments made by State and local governments to public institutions (classified as an intragovernmental transaction by Census) or the administrative expenses of State and local employee retirement plans (treated in the NIPAs as sales by government to the personal sector).

8. Differences that arise from restating the Census Bureau data to a year ending June 30 are included in timing. Census Bureau measures of State and local government revenue and expenditures (lines 1 and 23) primarily represent a fiscal year ending June 30, but some governments use other fiscal years. The NIPA measures shown in this table are for the fiscal year ending June 30, and are consistent with the not seasonally adjusted estimates in table 9.4.

9. These transactions are included in the NIPA personal sector.

10. Net investment is gross investment less consumption of fixed capital for government enterprises and general government.

Table 3.20. Relation of Commodity Credit Corporation Expenditures in the National Income and Product Accounts to Commodity Credit Corporation Outlays in the Budget
[Billions of dollars]

	Line	1998	1999	2000	2001
Commodity Credit Corporation outlays in the budget	1	15.3	25.5	26.4	26.9
Less: Financial transactions	2	1.4	2.4	1.3	3.9
Netting differences	3	-1	-1	.0	.0
Timing differences	4	.0	.0	.0	.0
Other ¹	5	.0	.0	.0	.0
Equals: Commodity Credit Corporation current expenditures, national income and product accounts	6	14.0	23.2	25.1	23.0
Consumption expenditures	7	.3	.4	1.0	1.1
Change in inventories	8	.1	.2	.8	.8
Other consumption expenditures	9	.1	.2	.2	.2
Transfer payments to the rest of the world	10	.9	.9	.8	1.0
Grants-in-aid to State and local governments	11	.0	.0	.0	.0
Net interest paid	12	.4	.4	.4	.3
Subsidies	13	12.4	21.5	22.9	20.7

1. Consists largely of foreign currency transactions.

Table 9.1. Gross Domestic Product, Not Seasonally Adjusted

(Billions of dollars)

Line	Quarterly totals not seasonally adjusted																
	1998				1999				2000				2001				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Gross domestic product	1	2,085.1	2,165.9	2,228.7	2,301.8	2,200.5	2,281.5	2,353.9	2,438.5	2,346.8	2,446.1	2,487.4	2,544.4	2,428.2	2,504.3	2,544.6	2,605.1
Personal consumption expenditures	2	1,380.1	1,452.9	1,469.1	1,554.0	1,473.2	1,545.0	1,569.5	1,658.7	1,596.5	1,656.9	1,674.4	1,756.0	1,679.0	1,737.2	1,733.7	1,837.0
Durable goods	3	151.3	173.8	172.1	196.1	166.2	188.5	189.7	211.5	187.2	200.9	200.8	215.0	189.4	206.9	202.4	237.2
Nondurable goods	4	381.6	422.4	425.5	479.0	407.2	449.9	456.4	516.7	447.0	488.6	492.3	545.0	468.8	510.5	505.7	556.3
Services	5	847.2	856.8	871.4	878.9	899.8	906.6	923.5	930.6	962.3	967.4	981.3	996.0	1,020.9	1,019.9	1,025.6	1,043.5
Gross private domestic investment	6	370.7	376.9	407.1	384.1	387.1	397.5	433.4	418.8	416.6	446.8	460.9	431.1	397.8	398.8	418.2	371.1
Fixed investment	7	329.4	379.5	380.9	375.8	354.0	403.1	413.5	406.6	390.9	436.5	437.3	427.1	390.6	424.4	425.2	406.1
Nonresidential	8	257.4	284.1	277.1	282.7	274.9	298.8	298.3	301.5	298.3	324.6	321.6	321.2	297.1	308.8	301.3	294.5
Structures	9	61.3	73.1	76.4	71.6	64.0	70.7	74.9	74.1	69.3	77.8	84.1	83.1	72.1	81.6	89.3	81.4
Equipment and software	10	196.1	211.0	200.7	211.2	210.9	228.2	223.3	227.5	229.0	246.9	237.5	238.1	224.9	227.1	212.0	213.1
Residential	11	72.1	95.4	103.8	93.0	79.1	104.2	115.2	105.1	92.6	111.9	115.7	105.9	93.5	115.6	123.9	111.7
Change in private inventories	12	41.3	-2.6	26.2	8.3	33.1	-5.6	19.9	12.1	25.7	10.3	23.5	4.0	7.2	-25.5	-6.9	-35.0
Net exports of goods and services	13	-22.0	-38.6	-51.7	-39.5	-41.1	-60.4	-78.1	-70.2	-73.9	-88.1	-105.1	-98.3	-83.8	-90.2	-87.0	-88.0
Exports	14	240.6	240.2	234.4	249.6	236.9	243.2	246.9	262.4	262.2	275.2	280.4	283.2	272.7	266.2	248.9	246.4
Goods	15	172.5	170.4	160.4	177.9	167.4	172.2	169.6	188.1	187.1	196.9	197.4	203.6	196.4	190.5	171.1	175.5
Services	16	68.1	69.8	74.0	71.7	69.5	71.0	77.3	74.3	75.1	78.4	83.0	79.7	76.3	75.7	77.7	70.9
Imports	17	262.6	278.8	286.2	289.1	278.0	303.6	325.0	332.7	336.1	363.4	385.6	381.6	356.5	356.4	335.8	334.3
Goods	18	220.5	231.0	235.2	243.3	234.9	254.2	271.8	284.4	286.6	306.1	324.4	326.0	302.5	295.4	287.6	281.7
Services	19	42.1	47.8	51.0	45.8	43.1	49.4	53.2	48.2	49.5	57.3	61.2	55.5	54.0	61.0	48.2	52.6
Government consumption expenditures and gross investment	20	356.2	374.7	404.3	403.3	381.2	399.5	429.1	431.2	407.7	430.5	457.2	455.6	435.1	458.4	479.6	484.9
Federal	21	120.6	126.5	144.7	147.5	125.7	132.5	151.5	155.3	132.7	141.9	156.4	158.2	142.4	149.1	164.6	172.0
National defense	22	78.5	81.9	90.5	98.3	82.6	83.6	92.9	105.2	85.1	89.6	93.9	106.3	91.7	93.4	101.0	113.8
Nondefense	23	42.1	44.5	54.2	49.2	43.2	48.9	58.6	50.1	47.7	52.3	62.5	51.9	50.7	55.7	63.6	58.2
State and local	24	235.6	248.2	259.7	255.8	255.5	267.0	277.6	275.9	274.9	288.6	300.8	297.4	292.7	309.3	315.0	312.8
Addendum:																	
Gross national product	25	2,087.6	2,166.2	2,224.8	2,299.5	2,206.0	2,287.0	2,358.2	2,445.9	2,352.9	2,452.0	2,491.8	2,551.4	2,431.3	2,511.5	2,547.4	2,613.9

Table 9.2. Personal Consumption Expenditures by Major Type of Product, Not Seasonally Adjusted

(Billions of dollars)

Line	Quarterly totals not seasonally adjusted																
	1998				1999				2000				2001				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Personal consumption expenditures	1	1,380.1	1,452.9	1,469.1	1,554.0	1,473.2	1,545.0	1,569.5	1,658.7	1,596.5	1,656.9	1,674.4	1,756.0	1,679.0	1,737.2	1,733.7	1,837.0
Durable goods	2	151.3	173.8	172.1	196.1	166.2	188.5	189.7	211.5	187.2	200.9	200.8	215.0	189.4	206.9	202.4	237.2
Motor vehicles and parts	3	63.6	77.0	73.7	74.4	71.5	84.9	83.9	78.8	81.5	88.3	88.2	78.7	82.6	92.7	89.1	96.9
Furniture and household equipment	4	58.4	62.5	64.5	79.7	62.7	66.8	69.4	86.6	69.9	72.4	73.6	89.0	69.6	72.1	72.9	91.5
Other	5	29.3	34.3	33.8	41.9	32.0	36.8	36.4	46.1	35.8	40.2	39.1	47.3	37.1	42.0	40.5	48.9
Nondurable goods	6	381.6	422.4	425.5	479.0	407.2	449.9	456.4	516.7	447.0	488.6	492.3	545.0	468.8	510.5	505.7	556.3
Food	7	194.4	214.3	217.4	226.4	206.0	224.9	228.3	239.7	221.7	240.5	243.3	249.4	231.0	250.6	251.2	259.6
Clothing and shoes	8	57.3	68.2	68.2	91.1	61.5	71.7	72.4	95.4	64.6	74.8	75.2	99.1	66.2	75.5	74.6	98.9
Gasoline, fuel oil, and other energy goods	9	32.1	32.3	31.9	31.6	30.1	35.5	37.3	40.0	42.7	45.9	46.5	47.4	46.0	48.8	44.9	38.8
Gasoline and oil	10	27.6	29.6	29.5	28.0	25.7	32.8	34.9	35.9	36.8	42.6	43.2	41.8	39.3	45.8	42.2	34.9
Fuel oil and coal	11	4.5	2.7	2.4	3.5	4.3	2.7	2.5	4.1	5.9	3.3	3.3	5.6	6.8	3.1	2.7	4.0
Other	12	97.8	107.5	108.0	130.0	109.6	117.8	118.4	141.5	118.0	127.3	127.3	149.2	125.6	135.5	134.9	159.0
Services	13	847.2	856.8	871.4	878.9	899.8	906.6	923.5	930.6	962.3	967.4	981.3	996.0	1,020.9	1,019.9	1,025.6	1,043.5
Housing	14	209.7	213.4	217.1	219.5	223.9	227.0	230.0	231.7	235.1	238.6	242.1	244.2	247.7	251.9	255.8	259.1
Household operation	15	88.5	81.5	88.7	86.9	92.7	82.6	93.7	91.4	96.8	88.1	98.3	103.0	111.1	93.5	101.1	100.7
Electricity and gas	16	35.7	27.8	33.8	31.6	36.5	25.4	35.5	32.6	36.9	27.3	36.8	41.3	48.6	30.7	37.8	37.4
Other household operation	17	52.9	53.7	54.8	55.4	56.2	57.2	58.2	58.8	59.9	60.9	61.5	61.7	62.5	62.8	63.3	63.3
Transportation	18	60.4	61.9	62.1	61.9	63.4	65.2	65.6	65.2	65.9	67.6	67.3	67.0	67.5	68.7	67.9	67.3
Medical care	19	221.5	224.1	225.9	227.5	232.7	234.4	235.0	235.2	245.5	245.5	247.7	253.1	259.9	266.0	270.1	276.3
Recreation	20	53.6	54.5	56.7	56.1	57.0	58.8	61.4	60.4	61.8	63.4	66.0	64.3	66.3	67.8	69.2	68.6
Other	21	213.4	221.3	220.9	227.0	230.2	238.6	237.8	246.8	257.2	264.2	259.9	264.3	268.4	272.2	261.5	271.5
Addenda:																	
Energy goods and services ¹	22	67.7	60.2	65.7	63.1	66.5	60.8	72.9	72.6	79.6	73.2	83.3	88.7	94.6	79.5	82.7	76.2
Personal consumption expenditures less food and energy	23	1,117.9	1,178.5	1,185.9	1,264.4	1,200.7	1,259.3	1,268.4	1,346.5	1,295.1	1,343.2	1,347.8	1,417.8	1,353.4	1,407.2	1,399.8	1,501.2

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

Table 9.3. Federal Government Current Receipts and Expenditures, Not Seasonally Adjusted
[Billions of dollars]

	Line	Quarterly totals not seasonally adjusted															
		1998				1999				2000				2001			
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Current receipts	1	412.8	513.3	425.1	398.5	434.9	540.8	451.8	439.8	467.2	622.2	490.3	454.3	488.9	636.6	436.4	446.4
Personal tax and nontax receipts	2	177.2	269.8	205.1	182.8	190.9	285.9	219.1	207.4	195.8	347.9	246.0	219.2	217.9	365.2	204.2	223.6
Corporate profits tax accruals	3	48.5	52.8	54.3	48.6	49.6	54.7	55.0	53.8	56.4	59.6	56.7	51.1	44.2	46.9	43.2	35.9
Indirect business tax and nontax accruals	4	23.8	23.6	26.2	23.9	23.6	23.7	27.1	25.7	26.1	26.6	29.3	27.0	28.2	27.5	28.7	25.8
Contributions for social insurance	5	163.3	167.1	139.4	143.3	170.8	176.4	150.7	152.8	188.8	188.0	158.2	157.0	198.5	196.9	160.3	161.1
Current expenditures	6	409.7	421.0	420.8	454.4	420.7	431.0	429.3	474.3	442.2	454.1	446.9	483.9	469.3	479.5	477.5	510.1
Consumption expenditures	7	101.2	105.4	120.8	125.8	105.1	109.2	126.8	130.5	110.1	117.8	131.8	133.5	119.4	124.3	139.0	145.6
Transfer payments (net)	8	192.8	180.7	176.5	180.6	196.3	184.1	180.2	185.1	207.9	192.1	185.2	194.3	221.6	205.4	204.7	210.5
To persons	9	190.6	178.1	173.9	177.1	194.1	181.6	177.7	181.0	205.0	188.9	181.8	190.1	220.0	203.4	202.7	206.4
To the rest of the world (net)	10	2.3	2.6	2.6	3.5	2.2	2.6	2.5	4.1	2.9	3.1	3.3	4.2	1.5	2.0	2.0	4.1
Grants-in-aid to State and local governments	11	52.0	52.1	50.3	55.9	57.0	56.5	56.1	61.5	60.6	61.4	60.6	64.9	67.6	71.4	64.9	73.5
Net interest paid	12	59.4	79.4	59.6	80.0	55.5	76.5	55.2	76.7	55.1	77.0	54.1	76.7	51.9	72.3	47.0	66.9
Interest paid	13	64.2	84.0	64.2	84.4	59.9	80.7	59.6	81.2	60.0	81.9	58.9	81.4	56.9	77.0	52.0	72.0
To persons and business	14	41.5	61.0	41.4	61.7	41.4	62.5	40.8	62.0	40.1	61.4	38.0	59.8	35.5	56.4	32.2	53.0
To the rest of the world	15	22.7	23.0	22.8	22.7	18.4	18.2	18.7	19.1	19.9	20.6	21.0	21.5	21.3	20.6	19.8	19.0
Less: Interest received by government	16	4.8	4.6	4.6	4.4	4.4	4.2	4.4	4.4	4.9	4.9	4.8	4.7	5.0	4.7	5.0	5.0
Subsidies less current surplus of government enterprises	17	4.3	3.4	13.5	12.2	6.9	4.7	11.0	20.5	8.5	5.8	15.2	14.4	8.8	6.1	21.8	13.5
Subsidies	18	6.4	6.1	7.9	14.5	8.8	7.3	5.4	22.1	9.8	8.2	9.4	16.4	9.8	8.0	14.4	15.3
Less: Current surplus of government enterprises	19	2.1	2.6	-5.6	2.4	1.9	2.6	-5.6	1.7	1.3	2.4	-5.8	2.0	.9	1.9	-7.4	1.8
Less: Wage accruals less disbursements	20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Current surplus or deficit (-), national income and product accounts	21	3.2	92.3	4.3	-55.9	14.2	109.7	22.5	-34.5	25.0	168.1	43.4	-29.6	19.6	157.1	-41.0	-63.6

Table 9.4. State and Local Government Current Receipts and Expenditures, Not Seasonally Adjusted
[Billions of dollars]

	Line	Quarterly totals not seasonally adjusted															
		1998				1999				2000				2001			
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Current receipts	1	263.9	271.8	247.5	291.2	278.8	288.0	263.4	313.8	296.9	312.2	277.0	328.0	311.6	327.4	277.0	345.4
Personal tax and nontax receipts	2	55.9	68.4	54.7	56.6	60.3	74.7	59.1	61.7	67.5	84.6	62.4	62.9	68.8	86.2	62.4	63.7
Corporate profits tax accruals	3	8.2	9.0	9.2	8.2	8.1	8.9	9.0	8.8	8.9	9.5	9.1	8.0	7.3	7.7	7.2	6.9
Indirect business tax and nontax accruals	4	145.3	139.8	130.8	168.0	150.9	145.5	136.7	179.6	157.5	154.4	142.6	189.9	165.6	159.7	140.1	199.0
Contributions for social insurance	5	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Federal grants-in-aid	6	52.0	52.1	50.3	55.9	57.0	56.5	56.1	61.5	60.6	61.4	60.6	64.9	67.6	71.4	64.9	73.5
Current expenditures	7	252.8	257.6	259.0	264.3	268.1	273.2	279.3	285.3	289.7	296.7	302.4	307.3	314.3	325.1	321.7	331.5
Consumption expenditures	8	198.1	200.8	203.5	205.9	209.1	213.9	218.6	223.1	228.5	232.5	236.3	240.5	244.0	247.6	250.0	252.0
Transfer payments to persons	9	57.2	59.1	58.1	60.9	61.2	62.0	63.5	66.0	64.2	67.6	68.8	70.7	71.5	77.3	73.4	82.2
Net interest paid	10	.0	.1	.2	.2	.0	-.1	-.3	-.4	-.6	-.7	-.8	-.8	-.6	-.6	-.5	-.4
Interest paid to persons and business	11	18.6	18.8	18.9	19.1	19.4	19.6	19.8	20.0	20.1	20.3	20.4	20.5	20.6	20.8	20.9	21.0
Less: Interest received by government	12	18.6	18.7	18.8	18.9	19.3	19.7	20.1	20.4	20.7	21.0	21.2	21.3	21.3	21.3	21.4	21.4
Less: Dividends received by government	13	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Subsidies less current surplus of government enterprises	14	-2.3	-2.3	-2.7	-2.5	-2.2	-2.5	-2.5	-3.3	-2.3	-2.5	-1.8	-3.1	-.6	.9	-1.2	-2.2
Subsidies	15	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	2.2	3.8	1.1	.7
Less: Current surplus of government enterprises	16	2.4	2.4	2.8	2.6	2.3	2.6	2.6	3.4	2.4	2.6	1.9	3.2	2.8	2.9	2.2	2.9
Less: Wage accruals less disbursements	17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Current surplus or deficit (-), national income and product accounts	18	11.1	14.2	-11.5	26.9	10.8	14.8	-15.9	28.6	7.2	15.5	-25.4	20.7	-2.7	2.2	-44.7	13.9

Table 9.5. Foreign Transactions in the National Income and Product Accounts, Not Seasonally Adjusted
[Billions of dollars]

	Line	Quarterly totals not seasonally adjusted															
		1998				1999				2000				2001			
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Receipts from the rest of the world	1	313.5	313.6	303.9	320.0	310.1	319.6	328.1	348.4	354.2	373.0	376.3	381.1	364.3	349.4	324.3	313.0
Exports of goods and services	2	240.6	240.2	234.4	249.6	236.9	243.2	246.9	262.4	262.2	275.2	280.4	283.2	272.7	266.2	248.9	246.4
Goods ¹	3	172.5	170.4	160.4	177.9	167.4	172.2	169.6	188.1	187.1	196.9	197.4	203.6	196.4	190.5	171.1	175.5
Services ¹	4	68.1	69.8	74.0	71.7	69.5	71.0	77.3	74.3	75.1	78.4	83.0	79.7	76.3	75.7	77.7	70.9
Income receipts	5	72.9	73.4	69.4	70.4	73.2	76.5	81.3	85.9	92.0	97.8	95.9	97.8	91.6	83.2	75.5	66.7
Payments to the rest of the world	6	313.5	313.6	303.9	320.0	310.1	319.6	328.1	348.4	354.2	373.0	376.3	381.1	364.3	349.4	324.3	313.0
Imports of goods and services	7	262.6	278.8	286.2	289.1	278.0	303.6	325.0	332.7	336.1	363.4	385.6	381.6	356.5	356.4	335.8	334.3
Goods ¹	8	220.5	231.0	235.2	243.3	234.9	254.2	271.8	284.4	286.6	306.1	324.4	326.0	302.5	295.4	287.6	281.7
Services ¹	9	42.1	47.8	51.0	45.8	43.1	49.4	53.2	48.2	49.5	57.3	61.2	55.5	54.0	61.0	48.2	52.6
Income payments	10	70.4	73.1	73.3	72.8	67.6	70.9	77.0	78.5	85.9	91.8	91.5	90.8	88.5	76.0	72.6	57.8
Transfer payments (net)	11	10.4	10.7	10.9	12.5	11.4	11.5	12.0	13.9	12.8	12.8	13.4	14.6	12.0	11.7	12.3	13.9
From persons (net)	12	6.0	5.9	6.0	6.4	6.8	6.6	6.9	7.0	7.4	7.0	7.5	7.7	8.1	7.4	8.0	7.5
From government (net)	13	2.3	2.6	2.6	3.5	2.2	2.6	2.5	4.1	2.9	3.1	3.3	4.2	1.5	2.0	2.0	4.1
From business	14	2.1	2.2	2.3	2.6	2.4	2.4	2.6	2.8	2.6	2.7	2.6	2.7	2.3	2.3	2.3	2.3
Net foreign investment	15	-29.8	-48.9	-66.6	-54.4	-46.9	-66.4	-85.9	-76.8	-80.7	-95.0	-114.2	-105.9	-92.6	-94.7	-96.4	-93.0

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.

Table 9.6. Corporate Profits With Inventory Valuation Adjustment, Not Seasonally Adjusted
[Billions of dollars]

	Line	Quarterly totals not seasonally adjusted															
		1998				1999				2000				2001			
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Corporate profits with inventory valuation adjustment	1	180.7	190.7	191.3	176.8	180.3	189.7	194.3	193.5	186.2	199.4	198.9	182.9	168.2	180.7	168.1	158.2
Profits before tax	2	175.0	186.2	187.7	172.2	178.1	193.0	194.7	196.4	193.2	205.5	199.2	184.4	171.2	183.3	166.6	149.2
Profits tax liability	3	56.8	61.7	63.6	56.8	57.7	63.6	64.0	62.5	65.3	69.1	65.8	59.1	51.5	54.6	50.4	42.8
Profits after tax	4	118.3	124.4	124.1	115.4	120.4	129.3	130.7	133.9	127.9	136.4	133.4	125.2	119.7	128.7	116.1	106.4
Inventory valuation adjustment	5	5.7	4.5	3.6	4.5	2.3	-3.2	-4	-2.9	-7.1	-6.1	-3	-1.5	-3.0	-2.6	1.6	9.0

Updated Summary NIPA Methodologies

This report presents summary descriptions of the principal source data and methods used to prepare the current-dollar estimates of gross domestic product (GDP) and the estimates of real GDP.¹ These descriptions have been updated to reflect the methodological improvements that were introduced in the annual revision of the national income and product accounts (NIPAs) that was released in July 2002.²

Current-dollar estimates

Table 1 lists the components of current-dollar GDP starting with the components on the product side and then proceeding to those on the income side (see page 22). The subcomponents, with their dollar values for 2001, are grouped according to the methodology used to prepare them.

The column for the annual estimates covers the revision cycle for those estimates and notes the major differences in methodology as the estimates move through the three annual revisions to a benchmark revision.³ For example, for “most durable and nondurable goods” in personal consumption expenditures (the first item on the product side), the table indicates one methodology for benchmark years and another for all other years.

The column for the quarterly estimates covers only the advance estimate for the current quarter—that is, the estimate prepared about a month after the end of the quarter. That estimate, rather than the preliminary or final quarterly estimate, is described because more attention focuses on the “first look” at the quarter. In addition, the column lists only the source data and methods; it does not indicate how many months of source data are available or whether the data are subject to revision by the source agency. Information on the key monthly source data appears each month in the “Business Situation” in the *SURVEY OF CURRENT BUSINESS*. Additional information on the monthly source data used for the advance estimate is available on BEA’s Web site <www.bea.gov>.

The source data listed consist of a variety of economic measures, such as sales or receipts, wages and salaries, unit sales, housing stock, insurance premiums, expenses, interest rates, mortgage debt, and tax collections. For

most components, the source data are “value data”; that is, they encompass both the quantity and price dimensions that are required for current-dollar estimates. In these cases, the methodology indicated in table 1 covers only the adjustment of the value data to derive estimates consistent with NIPA definitions and coverage.

For those estimates not derived from value data, the table indicates the combination of data with separate quantity and price dimensions that is used to derive the required value estimate and the major adjustments needed to derive estimates consistent with NIPA definitions and coverage. On the product side, a “physical quantity times price” method is used for several components. For example, the estimate for new autos is calculated as unit sales times expenditure per auto (the average list price with options, adjusted for transportation charges, sales tax, dealer discounts, and rebates). On the income side, an “employment times earnings times hours” method and variations of a “stock of assets/liabilities times an effective interest rate” method are used for several components.

Some of the source data shown in table 1 for the annual estimates are used as indicators to interpolate and extrapolate the levels established by source data that are more comprehensive, and all of the source data shown for the advance quarterly estimates are used to extrapolate the level of the preceding quarter. In addition, extrapolation and interpolation may be based on trends, as is the case when “judgmental trend” is listed in the table.⁴

Estimating methods. Table 1 refers to four methods—commodity flow, retail control, perpetual inventory, and fiscal year analysis—that are used by BEA for estimating specific components.

The commodity-flow method is used to obtain the value of final users’ purchases of goods and services (that is, commodities) for BEA’s benchmark input-output accounts. These values serve as the benchmark for the NIPA estimates of personal consumption expenditures (PCE), of equipment and software, and of the commodity detail for State and local government consumption expenditures and gross investment.⁵ This method is also used for equipment and software in nonbenchmark years, but it is implemented in an abbreviated form. An even more abbreviated commodity-flow method is used

1. BEA has prepared a series of papers that provide detailed descriptions of NIPA concepts and methodologies and that are subject to periodic improvements, which are typically introduced as part of annual and comprehensive revisions; these improvements are described in the articles in the *SURVEY OF CURRENT BUSINESS* that cover these revisions. For more information, see appendix B at the back of this issue.

2. Eugene P. Seskin and Stephanie H. McCulla, “Annual Revision of the National Income and Product Accounts,” *SURVEY* 82 (August 2002): 7–34.

3. For additional details on the release schedule for the NIPA estimates, go to BEA’s Web site at <www.bea.gov>, click on “Methodologies,” and under “National programs,” see “A Guide to the NIPAs.”

4. For a few components, the final quarterly estimates are based on newly available source data that replace judgmental trends.

5. For additional information on the commodity-flow method, see U.S. Bureau of Economic Analysis, *Personal Consumption Expenditures*, Methodology Paper No. 6 (Washington, DC: U.S. Government Printing Office, 1990): 31–34 and *GNP: An Overview of Source Data and Estimating Methods*, Methodology Paper No. 4 (Washington, DC: GPO, 1987): 16–17.

for current quarterly estimates of equipment and software.

The retail-control method is used to estimate more than a third of the value of PCE for periods other than benchmark years. This method provides the indicator series used in extrapolating and interpolating the total of “most durable and nondurable goods” and the “control” total to which the PCE categories and residential equipment included in this group must sum. These PCE categories consist of all goods except autos and trucks, food furnished to employees, food and fuel produced and consumed on farms, standard clothing issued to military personnel, school lunches, and net foreign remittances.⁶

The perpetual-inventory method is used to derive estimates of fixed capital stock, which in turn form the basis for the estimates of consumption of fixed capital. This method is based on investment flows and a geometric depreciation formula; it is used instead of direct measurement of the capital stock because direct measurement is seldom statistically feasible on a comprehensive basis.⁷

The fiscal year analysis method provides the framework for the annual and quarterly estimates of Federal Government consumption expenditures and gross investment. The estimates of expenditures are prepared by program—that is, by activity for a group of line items or for an individual line item in the *Budget of the U.S. Government*. For most programs, the fiscal year analysis begins by adjusting budget outlays for coverage and for netting and grossing differences between these outlays and NIPA expenditures. The expenditures total (as adjusted) for a program is then classified by type of NIPA expenditure—for example, transfer payments and interest paid—with nondefense consumption expenditures and gross investment determined residually. When a fiscal year analysis is completed, the detailed array of NIPA expenditures by program and by type of expenditure serves as a set of control totals for the quarterly estimates.⁸

International transactions accounts (ITA's). The source data for the foreign transactions reflected in most NIPA components—such as net exports of goods and services and rest-of-the-world corporate profits—are from the ITA's, which are also prepared by BEA.⁹ As noted

6. For additional information, see *Personal Consumption Expenditures*, 41–54; and *GNP: An Overview*, 17.

7. For additional information on the perpetual-inventory method, see U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925–94* (Washington, DC: GPO, August 1999): M–3–M–36; and *GNP: An Overview*, 17–18.

8. For additional information and an example of the fiscal year analysis method, see U.S. Bureau of Economic Analysis, *Government Transactions*, Methodology Paper No. 5 (Washington, DC: GPO, 1988): 19–20.

9. See U.S. Bureau of Economic Analysis, *The Balance of Payments of the United States: Concepts, Data Sources, and Estimating Procedures* (Washington, DC: GPO, 1990). The methodologies described in this publication are subject to periodic improvements, which are typically introduced as part of the annual revision of the ITA's; these improvements are described in the SURVEY articles that cover the annual ITA revisions, most recently in Christopher L. Bach, “Annual Revision of the U.S. International Transactions Accounts, 1993–2001,” SURVEY 82 (July 2002): 33–40.

in table 1, for some NIPA components, the ITA estimates are adjusted to conform to NIPA concepts and definitions.¹⁰ Annual estimates of these adjustments and their definitions are shown in NIPA table 4.5B, which was published in the August 2002 SURVEY on page 70; summary quarterly estimates are shown in “Reconciliation Tables” in appendix A of the SURVEY.

Other information. In preparing the annual estimates of several of the income-side components, BEA adjusts the source data for various coverage and conceptual differences. For each subcomponent listed below, an annual NIPA table reconciles the value published by the source agency with the NIPA value published by BEA and identifies the BEA adjustments. The following is a list of the subcomponents and their corresponding reconciliation tables, which were published in the August 2002 SURVEY, beginning on page 120: Consumption of fixed capital, table 8.22; nonfarm proprietors' income, table 8.23; farm proprietors' income, table 8.24; corporate profits, table 8.25; net interest, table 8.26; and wages and salaries, table 8.27.

Real estimates

Table 2 shows which one of three methods—deflation, quantity extrapolation, and direct base-year valuation—is used to prepare the quantity index for each detailed product-side component of real GDP and identifies the source data with which the method is implemented.¹¹ Deflation is used for most of the detailed components. In deflation, the quantity index is obtained by dividing the current-dollar index by an appropriate price index that has the base year—currently 1996—equal to 100 and then by multiplying the result by 100.

The quantity-extrapolation and direct base-year-valuation methods are similar: Both use explicit quantity data. In quantity extrapolation, quantity indexes are obtained by using a quantity indicator to extrapolate from the base-year value of 100 in both directions. In direct base-year valuation, quantity indexes are obtained by multiplying the base-year price by actual quantity data for the index period and then expressing the result as an index with the base year equal to 100.

The subcomponents in table 2 are the same as those shown in table 1, but the detail differs to highlight the alternative methodologies used for calculating the real estimates (see page 34).¹²

10. These adjustments are described in U.S. Bureau of Economic Analysis, *Foreign Transactions*, Methodology Paper No. 3 (Washington, DC: GPO, 1987): 15–25.

11. For additional information on the calculation of real GDP, go to BEA's Web site at <www.bea.gov>, click on “Methodologies,” and under “National programs,” see “A Guide to the NIPA's.”

12. For the real estimates, the distinction between annual and quarterly methodologies is far less important than it is for the current-dollar estimates. For the relatively few cases in which the annual and quarterly source data differ, the major differences are noted in the entry.

Table 1. Principal Source Data and Estimating Methods Used in Preparing Estimates of Current-Dollar GDP

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Advance quarterly estimates: Source data and methods used to prepare an extrapolator
Product side (Gross domestic product of \$10,082.2 billion for 2001)		
Personal consumption expenditures (\$6,987.0 billion)		
Durable and nondurable goods (\$2,877.2 billion) ¹		
Most durable and nondurable goods except those listed below (\$2,401.3 billion) ²	<p>Benchmark years. Commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census and including an adjustment for exports and imports from Census Bureau foreign trade data.</p> <p>Other years. Retail-control method, using retail sales from Census Bureau annual survey of retail trade or, for most recent year, monthly survey of retail trade.</p>	Same as the annual estimates for other years.
New autos (\$105.9 billion)	<p>Benchmark years. Commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census and including an adjustment for exports and imports from Census Bureau foreign trade data.</p> <p>Other years. Physical quantity purchased times average retail price: Unit sales, information to allocate sales among consumers and other purchasers, and average list price with options, all from trade sources. Transportation charges, dealer discounts, and rebates from monthly survey of auto sales prices from the Bureau of Labor Statistics (BLS). Sales tax rate from Census Bureau annual survey of retail trade.</p>	Same as the annual estimates for other years.
Net purchases of used autos (\$60.6 billion)	<p>Benchmark years. For net transactions, residual based on net sales by other sectors. For dealers' margin, retail sales from Census Bureau quinquennial census and margin rate from Census Bureau annual survey of retail trade.</p> <p>Other years except the most recent year. For net transactions, change in consumer stock of autos from trade sources. For dealers' margin, for franchised dealers, unit sales and sales price from trade sources, times margin rate for independent dealers from Census Bureau annual survey of retail trade; for independent dealers, margin from Census Bureau annual survey of retail trade.</p>	For net transactions, residual based on net sales by other sectors. For dealers' margin, judgmental trend.
New trucks (\$121.8 billion)	<p>Most recent year. For net transactions, same as other years except most recent year. For dealers' margin, for franchised dealers, unit sales and sales price from trade sources; for independent dealers, sales from Census Bureau monthly survey of retail trade.</p> <p>Benchmark years. Commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census and including an adjustment for exports and imports from Census Bureau foreign trade data.</p> <p>Other years except the most recent year. Abbreviated commodity-flow method, starting with manufacturers' shipments from Census Bureau annual survey and including an adjustment for exports and imports from Census Bureau foreign trade data.</p> <p>Most recent year. Physical quantity purchased times average retail price: Unit sales, information to allocate sales among consumers and other purchasers, and average list price, all from trade sources.</p>	Same as the annual estimate for the most recent year.
Gasoline and oil (\$162.1 billion) ²	<p>Benchmark years. Physical quantity purchased times average retail price: Gallons consumed from the Department of Transportation; information to allocate that total among consumers and other purchasers from Federal agencies and trade sources; average retail price from Census Bureau quinquennial census.</p> <p>Other years except the most recent year. Same as benchmark years except that the average retail price is from the Energy Information Administration (EIA).</p>	Same as the annual estimate for the most recent year.

Table 1. Principal Source Data and Estimating Methods Used in Preparing Estimates of Current-Dollar GDP

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Advance quarterly estimates: Source data and methods used to prepare an extrapolator
Product side (Gross domestic product of \$10,082.2 billion for 2001)		
<p>Food furnished to employees (including military)(\$9.7 billion)</p> <p>Expenditures abroad by U.S. residents (\$3.6 billion) less personal remittances in kind to nonresidents (\$2.2 billion)</p>	<p>Most recent year. Physical quantity purchased times average retail price: Gallons consumed and average price from EIA.</p> <p>Benchmark years. For commercial employees, number of employees of relevant industries from BLS tabulations times BEA estimate of per capita expenditures for food; for military personnel, outlays from the <i>Budget of the United States</i> prepared by the Office of Management and Budget (OMB).</p> <p>Other years. Same as benchmark years except per capita expenditures for food based on BLS consumer price index (CPI) for food.</p> <p>Estimated as part of the international transactions accounts; see entry for exports and imports of services under net exports of goods and services.</p>	<p>For commercial employees, same as annual estimates for other years; for military personnel, judgmental trend.</p> <p>Judgmental trend.</p>
Services (\$4,109.9 billion)		
<p>Nonfarm dwellings: Space rent for owner-occupied dwellings and rent for tenant-occupied dwellings (\$968.1 billion)</p>	<p>Benchmark years. Based on data on housing stock and average annual rent from Census Bureau decennial census of housing and survey of residential finance, adjusted for utilities included in rent.</p> <p>Other years. Based on data on housing stock and average annual rent from Census Bureau biennial housing survey or on the number of housing units from Census Bureau monthly current population survey and BLS CPI for rent</p>	<p>For housing stock, judgmental trend; for average rent, BLS CPI for rent.</p>
<p>Rental value of farm dwellings (\$8.0 billion)</p>	<p>Benchmark years. Based on data on housing stock and average annual rent from Census Bureau decennial census of housing and survey of residential finance.</p> <p>Other years. Based on data on current cost of farm housing stock from BEA capital stock series.</p>	<p>Judgmental trend.</p>
<p>Motor vehicle repair, rental and other services; other repair services; other purchased intercity transportation; legal and funeral services; barber shops, beauty parlors, and health clubs; nursing homes; laundries; employment agency fees; accounting and tax return preparation services; recreation (except cable TV, parimutuel net receipts, lotteries, and computer online services), hotels and motels; commercial business, trade, and correspondence schools; educational services not elsewhere classified; research organizations and foundations (\$686.3 billion)</p>	<p>Benchmark years. Receipts and expenses from Census Bureau quinquennial census adjusted for receipts from business and governments.</p> <p>Other years. For educational services not elsewhere classified and foundations, BLS annual tabulations of wages and salaries of employees covered by State unemployment insurance; for others in this group, receipts and expenses from Census Bureau service annual survey.</p>	<p>For nursing homes, research organizations and foundations, employment agency fees, and clubs and fraternal organizations, wages and salaries derived from BLS monthly employment times earnings times hours; for commercial business, trade, and correspondence schools, and for education services not elsewhere classified, employment times BLS CPI for technical and business school tuition and fees; for legitimate theaters and motion pictures, receipts from trade sources; for radio and TV repair, number of TV's based on stock and sales from trade source times BLS CPI for video and audio; for hotels and motels, rooms rented times average price per room from trade source; for casino gambling, receipts from State agencies; for others in this group, judgmental trend.</p>

Table 1. Principal Source Data and Estimating Methods Used in Preparing Estimates of Current-Dollar GDP

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Advance quarterly estimates: Source data and methods used to prepare an extrapolator
Product side (Gross domestic product of \$10,082.2 billion for 2001)		
Services [Continued]		
Physicians, dentists, and other professional medical services (\$487.7 billion)	Benchmark years. For nonprofit professional services, expenses, and for others in this group, receipts, adjusted for government consumption, all from Census quinquennial census. Other years. Receipts and expenses, adjusted for government consumptions from Census Bureau service annual survey.	For physicians and dentists, judgmental trend; for other professional medical services, wages and salaries derived from BLS monthly employment times earnings times hours.
Private nursery schools, elementary and secondary schools, day care, welfare activities, political organizations, foundations, and trade unions and professional associations (\$201.6 billion)	Benchmark years. For elementary and secondary schools, expenses from the Department of Education; for nursery schools and day care, expenditures from BLS consumer expenditure survey; for others in this group, receipts and expenses from Census Bureau quinquennial census. Other years except the most recent year. For nursery schools and day care, same as for benchmark years; for welfare activities, receipts and expenses from Census Bureau service annual survey; for others in this group, BLS annual tabulations of wages and salaries of employees covered by State unemployment insurance. Most recent year. For nursery schools and day care, judgmental trend; for welfare activities, same as for other years; for others in this group, BLS annual tabulations of wages and salaries of employees covered by State unemployment insurance.	For political organizations and foundations, judgmental trend; for elementary and secondary schools employment times BLS CPI for all items; for others in this group, wages and salaries derived from BLS monthly employment times earnings times hours.
Financial services furnished without payment by banks, credit agencies, and investment companies ³ (\$259.5 billion)	See the entry "Banks, credit agencies, and investment companies" under net interest.	Judgmental trend.
Brokerage charges and investment counseling, bank service charges, intercity transportation except other and private higher education (\$227.3 billion)	All years except the most recent year. For private higher education, expenses, and for others in this group, receipts from annual reports of government administrative agencies. Most recent year. For brokerage charges, bank service charges, and intercity transportation, receipts from annual reports of government administrative agencies; for investment counseling, receipts from Census Bureau service annual survey; for private higher education, enrollment from the Department of Education times price index for higher education from trade source.	For stock brokerage charges, stock exchange transactions from trade sources; for income from sales of investment company securities, sales of open-end investment company shares from trade source; for imputed commissions on debt securities, dealer transactions in U.S. government and agency securities from the Federal Reserve Bank of New York; for commodities commissions, futures contracts from trade source; for investment counseling, wages and salaries derived from BLS monthly employment times earnings times hours; other brokerage charges and investment counseling and for bank services charges, judgmental trend; for intercity transportation, receipts from trade sources; for private higher education, employment times BLS CPI for all items.

Table 1. Principal Source Data and Estimating Methods Used in Preparing Estimates of Current-Dollar GDP

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Advance quarterly estimates: Source data and methods used to prepare an extrapolator
Product side (Gross domestic product of \$10,082.2 billion for 2001)		
Domestic service (\$14.6 billion)	Benchmark years. For cleaning services, receipts from Census Bureau quinquennial census; for other domestic services, number of workers times weekly hours times earnings from BLS. Other years. Number of workers times weekly hours times earnings from BLS.	Judgmental trend.
Public education and hospitals, water and other sanitary services, and lotteries (\$203.4 billion)	All years except the most recent year. For lotteries, net receipts from Census Bureau quinquennial census and annual surveys of State and local governments, adjusted to a calendar year basis from a fiscal year basis; for others in this group, receipts from the same sources. Most recent year. Judgmental trend.	Judgmental trend.
Insurance, private hospitals, religious activities, cable TV electricity, natural gas, telephone, and local transport (\$945.0 billion)	Benchmark years. For life insurance, expenses from trade sources; for medical hand hospitalization insurance, premiums and benefits from the Center for Medicare and Medicaid Services; for other insurance, premiums and benefits from trade sources; for private hospitals, receipts and expenses from the Census Bureau quinquennial census; for cable TV and telephone, receipts from the Census Bureau quinquennial census; for religious activities, expenses based on contributions and membership from trade sources; for electricity and gas, receipts from the EIA; for local transport, receipts from trade source.	For life insurance, hospital, and religious activities, wages and salaries derived from BLS monthly employment times earnings time hours; for cable TV, number of cable TV and direct broadcast satellite subscribers from trade source; for electricity and gas, projected quantities based on degree-day data from the National Oceanic and Atmospheric Administration times prices based on BLS CPI's for electricity and gas; for cellular telephone, number of subscribers from trade source times BLS CPI for cellular telephone service; for others in this group, judgmental trend.
Foreign travel by U.S. residents (\$76.3 billion) less expenditures in the United States by nonresidents (\$90.6 billion)	Estimated as part of the international transactions accounts; see entry for exports and imports of services under net exports of goods and services.	Same as the annual estimates.
Other services: Motor vehicle leasing; parimutuel net receipts; other housing except hotels and motels; tolls; other household operations except repairs and insurance; travel and entertainment card fees; stenographic and reproduction services; money orders and classified advertising; and computer online service (\$122.6 billion)	Various source data.	For motor vehicle leasing, number of leased vehicles based on registrations and terms from trade source, and lease payments based on new vehicle prices, BEA depreciation schedules, and Federal Reserve Board interest rates on new motor vehicle loans; for others in this group, judgmental trend.
Fixed investment (\$1,646.3 billion)		
Nonresidential structures (\$324.5 billion) ⁴		
Utilities		
Telecommunication (\$18.4 billion)	Value put in place from Census Bureau monthly construction survey.	Same as annual.
Other (\$36.6 billion)	Expenditures from Federal regulatory agencies and trade sources.	Judgmental trend.

Table 1. Principal Source Data and Estimating Methods Used in Preparing Estimates of Current-Dollar GDP

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Advance quarterly estimates: Source data and methods used to prepare an extrapolator
Product side (Gross domestic product of \$10,082.2 billion for 2001)		
Nonresidential structures [Continued]		
Mining exploration, shafts, and wells (\$42.7 billion)	<p>Benchmark years. Expenditures from Census Bureau quinquennial census.</p> <p>All years except the most recent year. For petroleum and natural gas, physical quantity times average price: Footage drilled and cost per foot from trade sources; for other mining, expenditures from Census Bureau annual capital expenditure survey.</p> <p>Most recent year. For petroleum and natural gas, physical quantity times average price: Footage drilled and cost per foot from trade sources extrapolated by BLS producer price index for oil and gas well drilling.</p>	For petroleum and natural gas, same as annual estimates for the most recent year; for mining, judgmental trend.
Industrial buildings (\$25.6 billion)	<p>Benchmark years except 1992. Value put in place from Census Bureau monthly construction survey and improvements from Department of Energy (DOE) commercial buildings energy consumption survey. For 1992, tabulations from Census Bureau annual capital expenditure survey, adjusted for undercoverage.</p> <p>Other years. Value put in place from Census Bureau monthly construction survey.</p>	Same as the annual estimates for other years.
Other nonfarm buildings and structures (\$191.4 billion)	<p>Benchmark years. Value put in place from Census Bureau monthly construction survey and improvements from DOE commercial buildings energy consumption survey.</p> <p>Other years. Value put in place from Census Bureau monthly construction survey.</p>	Same as the annual estimates for other years
Farm buildings (\$6.1 billion)	Expenditures for new construction from the U.S. Department of Agriculture (USDA) surveys.	Value put in place from Census Bureau monthly construction survey.
Nonresidential equipment and software (\$877.1 billion)		
Equipment, except autos (\$662.6 billion)	<p>Benchmark years. Commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census and including an adjustment for exports and imports from Census Bureau foreign trade data.</p> <p>Other years. Abbreviated commodity-flow method, starting with the Census Bureau's annual manufacturers' shipments or, for the most recent year (except for aircraft and trucks), monthly survey of manufactures and including the adjustment for exports and imports. For aircraft, manufacturers' shipments from Census Bureau current industrial report, adjusted for exports and imports. For trucks, domestic and North American imports, physical quantity purchased times average retail price: Unit sales, information to allocate sales among business and other purchasers, and average list price, all from trade sources; for truck trailers, shipments from Census Bureau current industrial report.</p>	For trucks, see the entry for new trucks under personal consumption expenditures; for others in this group, same as the annual estimates for other years but with less detail.
New and used autos (\$34.1 billion)	For new autos, see the entry for new autos under personal consumption expenditures; for used autos, change-in-business stock of autos at least 1-year old from trade source.	For new autos, same as the annual estimates; for used autos, judgmental trend.
Software (\$180.4 billion)	<p>Benchmark years. For purchased software, commodity-flow method, starting with industry receipts data from Census Bureau quinquennial census and including an adjustment for exports and imports from Census Bureau foreign trade data; for own-account software, production costs based on BLS employment data and on Census Bureau quinquennial census.</p> <p>Other years. For purchased software, commodity-flow method, starting with industry receipts data from Census Bureau service annual survey and including the adjustment for exports and imports; for own-account software, production costs based on BLS employment data or, for the most recent 2 years, private fixed investment in computers and peripheral equipment.</p>	For purchased software, receipts from company reports to the Securities and Exchange Commission and retail sales of business software from trade sources; for own-account software, same as the annual estimates for the most recent 2 years.

Table 1. Principal Source Data and Estimating Methods Used in Preparing Estimates of Current-Dollar GDP

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Advance quarterly estimates: Source data and methods used to prepare an extrapolator
Product side (Gross domestic product of \$10,082.2 billion for 2001)		
Residential investment (\$444.8 billion) ⁵		
Permanent-site new single-family housing units (\$232.1 billion)	Value put in place based on phased housing starts and average construction cost from Census Bureau monthly construction survey.	Same as the annual estimates.
Permanent-site new multifamily housing units (\$30.7 billion)	Value put in place from Census Bureau monthly construction survey.	Same as the annual estimates.
Manufactured homes (\$8.8 billion)	Benchmark years. See the entry "Equipment, except autos" under nonresidential equipment and software. Other years. Physical quantity shipped times price: Shipments from trade source and average retail price from Census Bureau monthly survey.	Same as the annual estimates for other years.
Improvements (\$104.6 billion)	Expenditures by owner-occupants from BLS quarterly consumer expenditure survey and by landlords from Census Bureau quarterly survey of landlords.	Judgmental trend.
Brokers' commissions (\$60.0 billion)	Physical quantity times price times BEA estimate of average commission rate: Number of single-family houses sold and mean sales price from Census Bureau monthly construction survey and trade source.	Same as the annual estimates.
Equipment (\$9.3 billion)	See the entry "Most durable and nondurable goods" under personal consumption expenditures.	Same as the annual estimates.
Change in private inventories (-\$60.3 billion)		
Manufacturing and trade (-\$72.2 billion)	Benchmark years. Inventories from Census Bureau quinquennial censuses revalued to current replacement cost, with information on the proportions of inventories reported using different accounting methods, on the commodity composition of goods held in inventory, and on the turnover period, all from the quinquennial censuses and annual surveys, combined with prices, largely based on BLS producer price indexes. (The difference between the Census Bureau change in inventories and the BEA change in private inventories is the inventory valuation adjustment (IVA).) Other years except the most recent year. Inventories from Census Bureau annual surveys, revalued as described above. Most recent year. For retail auto dealers, quantities times average prices from trade sources; for all others, inventories from the Census Bureau monthly surveys, revalued as described above.	Same as the annual estimate for the most recent year.
Construction, mining, utilities, and other nonfarm industries (\$10.3 billion)	Benchmark years. Mining and construction inventories from Census Bureau quinquennial censuses revalued to current replacement cost the same as for manufacturing and trade. Other years except the most recent year. Internal Revenue Service (IRS) tabulations of business tax returns, revalued as described above. Most recent year. Census Bureau quarterly survey of mining corporations, monthly physical quantities from the EIA combined with BLS producer price indexes for electric utilities, and for all others, judgmental trend, revalued as described above (except when noted as physical quantity times price).	For electric utilities, same as the annual estimate for the most recent year; for all others, judgmental trend.
Farm (\$1.6 billion)	Changes in physical quantities times current prices from USDA surveys	For crops, BEA quarterly allocation of USDA annual projections of crop output and cash receipts; for livestock, USDA quarterly data.

Table 1. Principal Source Data and Estimating Methods Used in Preparing Estimates of Current-Dollar GDP

Component	Annual estimates:	
	Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Advance quarterly estimates: Source data and methods used to prepare an extrapolator
Product side (Gross domestic product of \$10,082.2 billion for 2001)		
Net exports of goods and services (-\$348.9 billion)		
Exports and imports of goods, net (-\$433.7 billion)	Estimated as part of the international transactions accounts: Export and import documents compiled monthly by the Census Bureau with adjustments by BEA for coverage and valuation to convert the data to a balance-of-payments basis. Adjusted for the balance-of-payments coverage of U.S. territories and Puerto Rico with data from the Commonwealth of Puerto Rico, the U.S. Virgin Islands, and the Census Bureau, and coverage of gold transactions adjusted with data from the U.S. Geological Survey and trade sources.	For territorial adjustment and coverage of gold, judgmental trend; for all other years, same as the annual estimates.
Exports and imports of services, net (\$84.8 billion)	Estimated as part of the international transactions accounts: For government transactions, reports by Federal agencies on their purchases and sales abroad; for most others in this group (including travel, passenger fares, other transportation, and royalties and license fees), BEA quarterly or annual surveys (supplemented with data from other sources). Adjusted for the balance-of-payments coverage of U.S. territories and Puerto Rico (see the above entry); adjusted to include financial services furnished without payment, see the entry for banks, credit agencies, and investment companies under imputed net interest, and adjusted for NIPA treatment of military grants.	For territorial adjustment, judgmental trend; for all other years, same as the annual estimates.
Government consumption expenditures and gross investment (\$1,858.0 billion)		
Federal Government (\$628.1 billion)		
National defense except consumption of general government fixed capital (\$336.4 billion)	Within a control total established by fiscal year analysis: For compensation, military wages from OMB's <i>Budget of the United States</i> , civilian wages and benefits from Office of Personnel Management (OPM), and other labor income for Federal employee retirement plans from outlays from the <i>Monthly Treasury Statement</i> ; for other than compensation by type, based mainly on data from Department of Defense (DOD) reports; for software, see the entry for software under nonresidential equipment and software.	For components of compensation, military employment from DOD and civilian employment from BLS; for other than compensation, same as annual; for software, see the entry for software under nonresidential equipment and software.
National defense consumption of general government fixed capital (\$63.5 billion)	Perpetual-inventory calculations at current cost, based on gross investment and on investment prices.	Same as the annual estimates.
Nondefense except consumption of general government fixed capital (\$199.5 billion)	Within a control total established by fiscal year analysis: For Commodity Credit Corporation inventory change, book values of acquisitions and physical quantities of dispositions from agency reports times average market prices from the USDA; for compensation, civilian wages and benefits from OPM and other labor income for Federal employee retirement plans from outlays from the <i>Monthly Treasury Statement</i> ; for petroleum sales (Naval Petroleum Reserve), distribution and price data from the DOE; for research and development, obligations from the National Science Foundation and disbursements from the National Aeronautics and Space Administration; for construction, value put in place from Census Bureau monthly construction survey; for software, see the entry for software under nonresidential equipment and software; for all others, outlays from the <i>Monthly Treasury Statement</i> . For financial services furnished without payment, see the entry for banks, credit agencies, and investment companies under imputed net interest.	For components of compensation, employment from BLS; for software, see software under nonresidential equipment and software; for other than compensation and software, same as the annual estimates.

Table 1. Principal Source Data and Estimating Methods Used in Preparing Estimates of Current-Dollar GDP

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Advance quarterly estimates: Source data and methods used to prepare an extrapolator
Product side (Gross domestic product of \$10,082.2 billion for 2001)		
Nondefense consumption of general government fixed capital (\$28.7 billion)	Perpetual-inventory calculations at current cost, based on gross investment and on investment prices.	Same as the annual estimates.
State and local government (\$1,229.9 billion)		
Consumption expenditures and gross investment except those items listed below (\$226.9 billion)	All years except the 3 most recent years. Total expenditures from Census Bureau quinquennial census and annual surveys of State and local governments, selectively replaced with source data that are more appropriate for the NIPA's and adjusted as follows: For coverage; for netting and grossing differences to a calendar year basis from a fiscal year basis; for other timing differences; to exclude interest, subsidies, net expenditures of government enterprises, and transfer payments; and to exclude compensation, software, and structures. The 3 most recent years. Judgmental trend.	Judgmental trend.
Compensation of general government employees, except own-account investment (\$700.4 billion)	For wages and salaries, BLS annual tabulations of wages and salaries of employees covered by State unemployment insurance (UI); for employer contributions for social insurance, tabulations from the Social Security Administration and other agencies administering social insurance programs; for other labor income, trade sources, Centers for Medicare and Medicaid Services; Census Bureau annual surveys of State and local government retirement funds, adjusted to a calendar year basis and Census Bureau annual surveys of State and local governments, adjusted to a calendar year basis.	For wages and salaries, derived from BLS monthly employment times earnings from BLS employment cost index; for other compensation, judgmental trend.
Consumption of general government fixed capital (\$95.4 billion)	Perpetual-inventory calculations at current cost, based on gross investment and on investment prices.	Same as the annual estimates.
Structures (\$177.6 billion)	Value of construction put in place from Census Bureau monthly construction survey.	Same as the annual estimates.
Software (\$16.0 billion)	See the entry for software under nonresidential equipment and software.	Same as the annual estimates.
Brokerage charges and financial services furnished without payment (\$13.6 billion)	See the entries for brokerage charges and for financial services furnished without payment under personal consumption expenditures for services.	Same as the annual estimates.
Income side (Gross national income of \$10,221.4 billion for 2001)		
Compensation of employees (\$5,874.9 billion) ⁶		
Wage and salary accruals (\$4,950.6 billion)		
Private industries (\$4,145.9 billion)	For most industries, BLS annual tabulations of wages and salaries of employees covered by State UI; for others, wages from a variety of sources (such as the USDA for farms and the Railroad Retirement Board for railroad transportation), adjusted for understatement of income on tax returns and for coverage differences.	For most industries, wages and salaries derived from BLS monthly employment times earnings times hours; for others, judgmental trend.
Federal Government (\$197.4 billion)	For civilians, wages from the Office of Personnel Management; for military personnel, wages from OMB's <i>Budget of the United States</i> .	For civilians, employment from BLS and judgmental trend; for military personnel, DOD employment and judgmental trend.
State and local governments (\$613.5 billion)	BLS annual tabulations of wages and salaries of employees covered by State UI.	Derived from BLS monthly employment times earnings from BLS employment cost index.

Table 1. Principal Source Data and Estimating Methods Used in Preparing Estimates of Current-Dollar GDP

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Advance quarterly estimates: Source data and methods used to prepare an extrapolator
Income side (Gross national income of \$10,221.4 billion for 2001)		
Compensation of employees [Continued]		
Employer contributions for social insurance (\$353.9 billion)	Tabulations from the Social Security Administration and other agencies that administer social insurance programs.	For Federal programs, BEA-derived wages and salaries of employees covered by the programs; for State and local government programs judgmental trend.
Other labor income (\$570.4 billion)		
Group health insurance (\$327.4 billion)	All years except the 3 most recent years. Total contributions from the Centers for Medicare and Medicaid Services less employee contributions from BLS consumer expenditure survey. The 3rd most recent year. Employer costs for health insurance from Department of Health and Human Services survey The 2 years after the most recent year. BLS employer costs for employee health insurance and wages and salaries from annual tabulations of employees covered by State UI.	Judgmental trend
Government employee retirement plans (\$110.9 billion)	All years except the most recent year. For Federal plans, outlays from the <i>Monthly Treasury Statement</i> ; for State and local government plans, Census Bureau annual surveys of State and local government retirement funds, adjusted to a calendar year basis. Most recent year. For Federal plans, same as the estimates for all years; for State and local government plans, Census Bureau annual surveys of State retirement funds, adjusted to a calendar year basis.	For Federal plans, same as the annual estimate for the most recent year; for State and local government plans, judgmental trend
Private pension and profit-sharing funds (\$75.9 billion)	All years except the 3 most recent years. Tabulations from the Department of Labor. The 3 most recent years. Employer costs for employee compensation from BLS or IRS tabulations of business tax returns.	Judgmental trend.
Workers' compensation (\$39.2 billion)	All years except the most recent year. Employer contributions from trade sources. The most recent year. Judgmental trend.	Judgmental trend.
Group life insurance (\$12.3 billion)	All years except the most recent year. Group premiums and estimates of employer share from trade sources. The most recent year. Judgmental trend.	Judgmental trend.
Proprietors' income with inventory valuation adjustment (IVA) and capital consumption adjustment (CCAdj) (\$727.9 billion)		
Farm proprietors' income with IVA (\$26.7 billion)	USDA data on net income derived from gross income (cash receipts from marketing, inventory change, government payments, other cash income, and nonmonetary income) less production expenses, adjusted to exclude corporate income based on USDA quinquennial census and annual survey data.	For crops, BEA quarterly allocation of USDA annual projections of crop output; for livestock, USDA quarterly projections of cash receipts and inventories; for both crops and livestock, quarterly allocation of USDA annual projections of government subsidy payments and production expenses.
Farm proprietors' income CCAj (-\$7.7 billion)	See the entry "Less: Capital consumption adjustment" under consumption of fixed capital.	
Nonfarm proprietors' income (\$621.6 billion)	All years except the most recent year. Income from IRS tabulations of business tax returns, adjusted for understatement of income on tax returns and for conceptual differences Most recent year. For construction, trade, and services, indicators of activity (such as value of housing put in place); for most others, judgmental trend.	Same as the annual estimates for the most recent year.

Table 1. Principal Source Data and Estimating Methods Used in Preparing Estimates of Current-Dollar GDP

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Advance quarterly estimates: Source data and methods used to prepare an extrapolator
Income side (Gross national income of \$10,221.4 billion for 2001)		
Nonfarm proprietors' income IVA (\$0.9 billion)	See the entry for inventory valuation adjustment under corporate profits.	
Nonfarm proprietors' income CCAAdj (\$86.3 billion)	See the entry "Less: Capital consumption adjustment" under consumption of fixed capital.	
Rental income of persons (\$137.9 billion)		
Owner-occupied nonfarm housing (\$139.6 billion)	Benchmark years. Derived as space rent (see entry for nonfarm dwellings under services in personal consumption expenditures) less related expenses, including property insurance from trade source; mortgage interest and property taxes from Census Bureau decennial survey of residential finance. Other years. Same as benchmark years except that mortgage interest is based on mortgage debt from the Federal Reserve Board times a BEA interest rate and property taxes are from Census Bureau annual surveys of State and local tax collections	For owner-occupied space rent, same the annual estimates; for depreciation, interest closing costs, real estate dealers' commissions, and taxes, based on NIPA estimates of those components; for other expenses, judgmental trend.
Tenant-occupied nonfarm housing (\$45.4 billion)	Same as owner-occupied nonfarm housing, adjusted to cover only rental income accruing to persons not primarily engaged in the real estate business from Census Bureau decennial survey of residential finance.	Same as the annual estimate.
Farms owned by nonoperator landlords (\$6.8 billion)	Prepared with farm proprietors' income; see the entry for farm proprietors' income with IVA under proprietors' income.	Judgmental trend.
Nonfarm nonresidential properties (\$0.9 billion)	Benchmark years. Nonfarm nonresidential fixed assets from BEA capital stock series times a rate of return on capital based on IRS tabulations of business tax returns. Other years. BEA capital stock series and judgmental trend.	Judgmental trend.
Royalties (\$11.7 billion)	All years except the most recent year. IRS tabulations of royalties reported on individual income tax returns. Most recent year. Judgmental trend.	Judgmental trend.
Capital consumption adjustment (-\$66.5 billion)	See entry for "Less: Capital consumption adjustment" under consumption of fixed capital.	
Corporate profits with inventory valuation adjustment (IVA) and capital consumption adjustment (CCAAdj) (\$731.6 billion)		
Domestic profits before tax (\$519.4 billion)	All years except the most recent year. Receipts less deductions from IRS tabulations of business tax returns, adjusted for understatement of income on tax returns and for conceptual differences. Most recent year. Profits from Census Bureau quarterly survey of corporate profits, regulatory agency reports, and compilations of publicly available corporate financial statements.	For some industries in transportation and in finance, judgmental trend; for others, same as the annual estimate for the most recent year. (Released with the preliminary estimates of GDP for the first, second, and third quarters and the final estimate for the fourth quarter.)
Rest-of-the-world profits before tax (\$150.8 billion)	Estimated as part of the international transactions accounts. For direct investment income, BEA surveys; for portfolio income, Treasury Department surveys. Adjusted for NIPA coverage of U.S. territories and Puerto Rico; see the entry for exports and imports of goods under net exports of goods and services.	Same as the annual estimates. (Released on same schedule as domestic profits before tax.)
Inventory valuation adjustment (IVA) (\$5.0 billion)	The IVA on the income side (for corporations and for nonfarm sole proprietorships and partnerships) differs from the IVA on the product side (see the entry "Change in private inventories") because the source data reflect different proportions of inventories reported on the basis of different accounting methods (such as last-in, first-out (LIFO)). The income-side IVA is based on the product-side IVA, adjusted by the relationship between non-LIFO inventories from IRS tabulations of business tax returns and non-LIFO inventories from the Census Bureau.	Same as the annual estimates.

Table 1. Principal Source Data and Estimating Methods Used in Preparing Estimates of Current-Dollar GDP

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Advance quarterly estimates: Source data and methods used to prepare an extrapolator
Income side (Gross national income of \$10,221.4 billion for 2001)		
Corporate profits with inventory valuation adjustment (IVA) and capital consumption adjustment (CCAdj) [Continued]		
Capital consumption adjustment (CCAdj) (\$56.5 billion)	See the entry "Less: Capital consumption adjustment" under consumption of fixed capital.	
Net interest (\$649.8 billion)		
Domestic monetary interest, net (\$282.3 billion)	<p>All years except the most recent year. For farm interest paid, USDA surveys; for residential mortgage interest paid, Census Bureau decennial survey of residential finance and mortgage debt from the Federal Reserve Board times a BEA interest rate; for most other interest paid and received by business, IRS tabulations of business tax returns, adjusted for misreporting on tax returns and for conceptual differences.</p> <p>Most recent year. For farm and mortgage interest paid, same as the estimates for other years; for other interest, interest receipts and payments from regulatory agencies (such as the Federal Deposit Insurance Corporation) and from trade sources or by applying BEA interest rates to interest-bearing assets or liabilities from Federal Reserve Board flow-of-funds accounts.</p>	Derived by combining estimates of (1) interest received by persons, (2) government interest paid and received, and (3) interest paid by persons. For (1), judgmental trend; for (2), <i>Monthly Treasury Statement</i> for Federal and judgmental trend for State and local; for (3), consumer debt from the Federal Reserve Board times BEA estimates of interest rates.
Rest-of-the-world monetary interest, net (-\$104.4 billion)	Estimated as part of the international transactions accounts: For direct investment income, BEA surveys; for portfolio income, Treasury Department surveys. Adjusted for NIPA coverage of U.S. territories and Puerto Rico; see the entry for exports and imports of goods under net exports of goods and services.	Same as the annual estimates.
Imputed interest		
Banks, credit agencies, and investment companies (\$270.6 billion)	Property income earned on investment of deposits less monetary interest paid to depositors (and for mutual depositories, profits from IRS tabulations of business tax returns) from annual reports of regulatory agencies and the Federal Reserve Board. Imputed interest (financial services furnished without payment) is allocated to persons, government, and to the rest of the world on the basis of deposit liabilities from the same sources.	Judgmental trend.
Life insurance carriers (\$201.3 billion)	Property income earned and profits from IRS tabulations of business tax returns, trade sources, and the Federal Reserve Board.	Judgmental trend.
Business transfer payments (\$42.5 billion)	<p>All years except the most recent year. Payments to persons for charitable contributions, IRS tabulations of business tax returns; for other components (such as liability payments for personal injury), information from government agency reports and trade sources; payments to the rest of the world, estimated as part of the international transactions accounts.</p> <p>Most recent year. Payments to persons for charitable contributions and for other components, judgmental trend.</p>	Judgmental trend.
Indirect business tax and nontax liability (\$774.8 billion)		
Federal Government (\$110.3 billion)	For excise taxes, collections from the Bureau of Alcohol, Tobacco, and Firearms and the IRS; for customs duties, receipts from the <i>Monthly Treasury Statement</i> ; and for nontaxes (such as fines), receipts from OMB's <i>Budget of the United States</i> .	For most excise taxes, derived from indicators of activity (such as gasoline production for gasoline tax); customs duties, same as the annual estimates; for others, judgmental trend.
State and local governments (\$664.4 billion)	Receipts from Census Bureau quinquennial census and annual surveys, adjusted to a calendar year basis from a fiscal year basis.	Judgmental trend.

Table 1. Principal Source Data and Estimating Methods Used in Preparing Estimates of Current-Dollar GDP

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Advance quarterly estimates: Source data and methods used to prepare an extrapolator
Income side (Gross national income of \$10,221.4 billion for 2001)		
Subsidies less current surplus of government enterprises (\$47.3 billion)		
Federal Government (\$50.3 billion)	For subsidies, payments by the Commodity Credit Corporation (CCC) from agency reports and, for most other agencies, outlays from the <i>Monthly Treasury Statement</i> ; for current surplus, mainly reports of various agencies, such as the Postal Service, and consumption of fixed capital (CFC) estimates derived with perpetual-inventory calculations at current cost, based on gross investment and on investment prices.	For subsidies, CCC reports and judgmental trend; for current surplus, judgmental trend and CFC estimates derived the same as the annual estimates.
State and local governments (-\$3.1 billion)	For subsidies, limited to railroad and electric power, Census Bureau annual surveys of expenditures adjusted to a calendar year basis from a fiscal year basis and California administrative records. For current surplus: For current operating receipts, mainly revenue data from Census Bureau annual surveys of State and local governments, adjusted to a calendar year from a fiscal year basis; for current operating expenditures, see the entries "Consumption expenditures and gross investment" and "Consumption of general government fixed capital" under State and local government.	Judgmental trend and California administrative records.
Consumption of fixed capital (\$1,329.3 billion)		
Government (\$222.4 billion)		
General government (\$187.7 billion)	Perpetual-inventory calculations at current cost, based on gross investment and on investment prices.	Same as the annual estimates.
Government enterprise (\$34.8 billion)	Perpetual-inventory calculations at current cost, based on gross investment and on investment prices.	Same as the annual estimates.
Private (\$1,106.8 billion)		
Capital consumption allowances (\$1,168.4 billion)	Perpetual-inventory calculations at current cost, based on gross investment and on investment prices. All years except the most recent year. For depreciation of corporations and of nonfarm sole proprietorships and partnerships, IRS tabulations of business tax returns, adjusted for conceptual differences; for other depreciation (including for noncorporate farms, nonprofit institutions, and owner-occupied housing), perpetual-inventory calculations based on investment at acquisition cost; for accidental damage to fixed capital, losses reported to insurance companies and government agencies. Most recent year. For depreciation of corporations and nonfarm sole proprietorships and partnerships, BEA estimates of tax-return-based depreciation; for other depreciation and accidental damage to fixed capital, same as above.	Same as the annual estimates. Judgmental trend.
Less: Capital consumption adjustment (\$61.6 billion)	For corporations and nonfarm sole proprietorships and partnerships, the difference between tax-return-based calculations and perpetual-inventory calculations; for others (including noncorporate farms, nonprofit institutions and owner-occupied houses), the difference between perpetual-inventory calculations at historical cost and at current cost.	Judgmental trend.

NIPA National income and product account

1. Personal consumption expenditures (PCE) for durable and nondurable goods includes \$14.0 billion for food produced and consumed on farms, standard clothing issued to military personnel, and used trucks.

2. The Census Bureau data for retail sales include sales of gasoline service stations. The estimates of PCE for gasoline and oil are derived from the sources listed and are deducted from the retail-control totals to derive estimates of most durable and nondurable goods.

3. This line item is also referred to as "services furnished without payment by financial inter-

mediaries except life insurance carriers."

4. Nonresidential structures includes \$3.7 billion for brokers' commissions on sales of structures and net purchases of used structures.

5. Residential investment includes -\$0.7 billion for other structures (dormitories, fraternity and sorority houses, and nurses' homes) and net purchases of used structures.

6. Compensation of employees includes -\$6.2 billion for net wage and salary accruals for the rest of the world and \$4.8 billion for supplemental unemployment, directors' fees, and judicial fees in other labor income.

Table 2. Methodology Used in Preparing Estimates of Real GDP

Component	Deflation, using price based on		Using quantity for extrapolation or direct valuation
	CPI or PPI	Other index	
Personal consumption expenditures			
Durable and nondurable goods			
Most durable and nondurable goods except those listed below	CPI		Direct valuation. For used autos, in two parts: (1) Margin, unit sales from trade sources with dealers' margins from Census Bureau and trade sources; (2) net transactions, net change in unit stock of autos held by consumers by year of original sale, valued by depreciated original value in base-year dollars.
New autos	PPI for military clothing		
Net purchases of used autos	CPI		
	
New trucks	CPI		
Gasoline and oil	CPI		
Food furnished to employees (including military)	CPI		
Expenditures abroad by U.S. residents less personal remittances in kind to nonresidents	.....	Foreign CPI's ¹
Services			
Nonfarm dwellings: Space rent for owner-occupied dwellings and rent for tenant-occupied dwellings	CPI		Extrapolation. BEA value of farm housing stock derived from USDA data on capital expenditures, depreciation, and farm dwelling construction costs.
Rental value of farm dwellings	.....	.....
Motor vehicle repair, rental and other services; other repair services; other purchased intercity transportation; legal and funeral services; barber shops, beauty parlors, and health clubs; nursing homes; laundries; employment agency fees; accounting and tax return preparation services; recreation (except cable TV, parimutuel net receipts, lotteries, and computer online services), hotels and motels; commercial business, trade, and correspondence schools; educational services not elsewhere classified; research organizations and foundations	CPI PPI, for private for-profit nursing homes and employment agency fees	Composite index of input prices from the Centers for Medicare and Medicaid Services, for private nonprofit nursing homes; for clubs and fraternal organizations and for nonprofit research and foundation expenses, BEA composite indexes of input prices.	
Physicians, dentists, and other professional medical services	CPI PPI, for physicians, home health care, and medical laboratories		

Table 2. Methodology Used in Preparing Estimates of Real GDP

Component	Deflation, using price based on		Using quantity for extrapolation or direct valuation
	CPI or PPI	Other index	
Private nursery schools, elementary and secondary schools, day care, welfare activities, political organizations, foundations, and trade unions and professional associations	.....	BEA composite indexes of input prices.	
Financial services furnished without payment by banks, credit agencies, and investment companies ²	.....	BEA composite index of input prices, for investment companies' "total deductions."	Extrapolation. For banks, BLS index of total output (less BEA real bank service charges); for credit agencies, paid employee hours of relevant financial institutions; for investment companies' "implicit charges," BEA orders derived from volume data from trade sources.
Brokerage charges and investment counseling, bank service charges, intercity transportation except other and private higher education	CPI PPI, for stock brokerage charges	BEA index based on revenue per passenger mile from DOT and trade source and CPI for airline fares, for airline transportation; for private higher education, BEA composite index of input prices.	Extrapolation. For mutual fund sales charges, value of new sales deflated by CPI.
Domestic service	CPI		
Public education and hospitals, water and other sanitary services, and lotteries	CPI PPI, for public hospitals		
Insurance, private hospitals, religious activities, cable TV electricity, natural gas, telephone, and local transport	CPI PPI, private for-profit hospitals	BEA composite indexes of input prices, for life insurance and religious activities; for private nonprofit hospitals, composite index of input prices from the Centers for Medicare and Medicaid Services.	Extrapolation. For auto insurance, premiums deflated by CPI; for medical care and hospitalization insurance, benefits deflated by CPI; for workers' compensation, premiums deflated by PPI.
Foreign travel by U.S. residents less expenditures in the United States by nonresidents	CPI, for expenditures in the United States	BEA composite index of foreign CPI's, ¹ for foreign travel; for air fares paid to foreign carriers, BLS import price index; for air fares paid to U.S. carriers, BLS international price index.	
Other services: Motor vehicle leasing; parimutuel net receipts; other housing except hotels and motels; tolls; other household operations except repairs and insurance; travel and entertainment card fees; stenographic and reproduction services; money orders and classified advertising; and computer online service	CPI	.....	Extrapolation. For parimutuel net receipts, gross winnings deflated by CPI.
Fixed investment			
Nonresidential structures			
Utilities	PPI, for gas and petroleum pipelines	Cost index from trade source, for telecommunications; for railroads, BEA price index; for other components, cost indexes from trade sources and government agencies.	
Mining exploration, shafts, and wells	PPI, for casing, oil and gas well drilling, oil and gas field services, and geophysical exploration	Implicit price deflator for nonfarm residential buildings, for mines.	Extrapolation. For drilling, footage by geographic area from trade source.

Table 2. Methodology Used in Preparing Estimates of Real GDP

Component	Deflation, using price based on		Using quantity for extrapolation or direct valuation
	CPI or PPI	Other index	
Nonresidential structures [Continued]			
Nonfarm buildings and structures	.....	BEA index based on cost index from trade source and on Census Bureau price deflator for single-family houses under construction, for buildings; for structures, cost indexes from government agencies.	
Farm buildings	.....	Implicit price deflator, for nonfarm nonresidential buildings.	
Nonresidential equipment and software			
Equipment, except autos	PPI, for most domestic components and for imported transportation equipment	BLS import price indexes, for imported components except transportation equipment.	
New and used autos	CPI, for new autos	.....	Direct valuation. For used autos, see the entry "Net purchases of used autos" under durable and nondurable goods.
Telephone and telegraph installation	.....	BEA cost index	
Telephone switching equipment	.....	BEA price index	
Telephone and telegraph apparatus	.....	BEA price index	
Software	PPI, for repackaged software	BEA cost index, BLS employment cost index, and PPI, for own-account and custom software.	
Residential investment			
Permanent-site new single-family housing units	.....	Census Bureau price deflator for single-family houses under construction.	
Permanent-site new single-family housing units	.....	BEA price index	
Manufactured homes	PPI		
Improvements	.....	BEA composite index of input prices, for major replacements; for additions and alterations, BEA index based on Census Bureau price deflator for single-family houses under construction and BEA index for major replacements.	
Brokers' commissions	PPI		
Equipment	CPI		
Change in private inventories			
Nonfarm			
Purchased goods of all industries	PPI	Composite price from the Energy Information Administration (EIA), for crude petroleum; BLS import price indexes, for imported goods purchased by trade industries.	Direct valuation. Quantities and prices of stocks of coal, petroleum, and natural gas for utilities from the EIA.
Work-in-process and finished goods of manufacturing	PPI	BEA indexes of unit labor cost	
Farm	.....	USDA average market prices	

Table 2. Methodology Used in Preparing Estimates of Real GDP

Component	Deflation, using price based on		Using quantity for extrapolation or direct valuation
	CPI or PPI	Other index	
Net exports of goods and services³			
Exports and imports of goods ³	PPI, for gold; semiconductor exports, selected transportation equipment; selected agricultural foods, feeds, and beverages and selected imports of refined petroleum	BLS export and import price indexes; for electric energy exports and imports and for petroleum imports, unit-value indexes based on Census Bureau values and quantities.	
Exports and imports of services ³	CPI, for travel receipts, medical receipts, and nonresident students' expenditures PPI, for selected other transportation	Selected deflators, for military transfers and defense expenditures; see "National defense, Except consumption of general government fixed capital" below. BLS export and import price indexes, for passenger fares; BEA composite index of foreign CPI's, ¹ for travel payments for miscellaneous services and U.S. students' expenditures abroad; BLS export and import price indexes, for selected other transportation; and for royalties and fees and for other private services, BEA price indexes, CPI, PPI, and implicit price deflator for final sales to domestic purchasers.	Extrapolation. For exports of financial services furnished without payment, ² BLS index of total bank output (less BEA real bank service charges).
Government consumption expenditures and gross investment			
Federal Government			
National defense except consumption of general government fixed capital	PPI, for selected goods and services CPI and PPI, for utilities and communications	BEA indexes based on DOD prices paid, for some goods and services and for most military structures; for some services, BLS employment cost indexes; for nonmilitary structures, cost indexes from trade sources and government agencies; for own-account software, BEA index derived from nondefense compensation; for custom software, BEA index derived from nondefense compensation price index and PPI.	Extrapolation. For military compensation, full-time equivalent employment by rank and length of service; for civilian compensation, full-time equivalent employment by grade, adjusted for change from base year in hours worked. Direct valuation. For some goods and services and a few military structures, quantities and prices from DOD reports; for electricity and natural gas, quantities from the DOE.
National defense consumption of general government fixed capital	.....	.....	Direct valuation. Perpetual-inventory calculations based on gross investment.

Table 2. Methodology Used in Preparing Estimates of Real GDP

Component	Deflation, using price based on		Using quantity for extrapolation or direct valuation
	CPI or PPI	Other index	
Government consumption expenditures and gross investment [Continued]			
Nondefense except consumption of general government fixed capital	PPI, for most goods and selected services CPI, for rent, utilities, and communications	Cost indexes from trade sources and government agencies, for structures; for some services, BLS employment cost indexes; for own-account software, BEA index derived from nondefense compensation; for custom software, BEA index derived from nondefense compensation price index and PPI.	Extrapolation. For compensation, full-time equivalent employment by grade and adjusted for change from base year in hours worked; for financial services furnished without payment, ¹ BLS index of total bank output (less BEA real bank service charges). Direct valuation. For net purchases of agricultural commodities by the CCC, quantities by crop from agency reports and USDA prices; for selected petroleum transactions, DOE quantities and prices.
Nondefense consumption of general government fixed capital	.....	.....	Direct valuation. Perpetual-inventory calculations based on gross investment.
State and local government			
Consumption expenditures and gross investment except those items listed below	CPI for services PPI for electricity, hospitals, most professional services, and goods	BEA indexes based on Federal nondefense prices paid, for transportation, books, and postal services; for elementary and secondary education, welfare and libraries, BEA composite indexes of input prices; for maintenance and repair services, BEA composite price index for State and local construction.	
Compensation of general government employees, except own-account investment	.....	.....	Extrapolation. For employees in education, full-time equivalent employment by education and experience, adjusted for change from base year in hours worked; for other employees, full-time equivalent employment adjusted for the change from base year
Consumption of general government fixed capital	.....	.....	Direct valuation. Perpetual-inventory calculations based on gross investment.
Structures	.....	Cost indexes from trade sources and government agencies.	
Software	.....	See the entry for software under non-residential equipment and software.	
Brokerage charges and financial services furnished without payment	.....	.....	Extrapolation. See the entries for brokerage charges and for financial services under personal consumption expenditures for services.

BLS Bureau of Labor Statistics
CPI Consumer price index
DOE Department of Energy
DOT Department of Transportation
PPI Producer price index
USDA U.S. Department of Agriculture

1. The foreign CPI's have been adjusted for differences in exchange rates.
2. Also referred to as "services furnished without payment by financial intermediaries, except life insurance carriers."
3. Real net receipts of income from the rest of the world—the difference between real GDP and real gross national product—is prepared using the implicit price deflator for final sales to domestic purchasers; imputed interest paid to nonresidents is extrapolated by the BLS index of total bank output (less BEA real bank service charges).

U.S. International Transactions, Second Quarter 2002

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THE U.S. current-account deficit—the combined balances on trade in goods and services, income, and unilateral current transfers—increased to \$130.0 billion in the second quarter of 2002 from \$112.5 billion (revised) in the first quarter (table A).¹ The increase was mostly attributable to an increase in the deficit on goods, as a surge in goods imports more than offset a rebound in goods exports. An increase in the deficit on income, as income payments rose more than income receipts, also contributed to the increase in the current-account deficit. In contrast, the surplus on services increased, as services receipts increased more than services payments, and net outflows for unilateral current transfers decreased.

In the financial account, net recorded financial inflows—net acquisitions by foreign residents of assets in the United States less net acquisitions by U.S. residents of assets abroad—were \$80.4 billion in the second quarter, compared with \$87.6 billion (revised) in the first. Financial outflows for U.S.-owned assets abroad

1. Quarterly estimates of U.S. current- and financial-account components are seasonally adjusted when series demonstrate statistically significant patterns. The accompanying tables present both adjusted and unadjusted estimates.

increased more than financial inflows for foreign-owned assets in the United States.

The statistical discrepancy—errors and omissions in recorded transactions—was a positive \$49.4 billion in the second quarter, following a positive \$24.7 billion in the first.

The following are highlights for the second quarter of 2002:

- Goods imports surged as a result of strong gains in all major commodities. Goods exports turned up after decreasing for six consecutive quarters.
- Direct investment income payments more than doubled, and direct investment income receipts also increased.
- Net foreign purchases of U.S. securities other than U.S. Treasury securities increased strongly as a result of record net foreign purchases of U.S. corporate and agency bonds.
- Net financial inflows for foreign direct investment in the United States decreased to the lowest level in more than 10 years. The decrease reflected a shift to net intercompany debt outflows and a slowdown in net equity capital inflows.

Table A. Summary of U.S. International Transactions

[Millions of dollars, quarters seasonally adjusted]

Line	Lines in tables 1 and 10 in which transactions are included are indicated in () (Credits +; debits -)	2000	2001	2001				2002		Change: 2002 1-II
				I	II	III	IV	I ^a	II ^a	
Current account										
1	Exports of goods and services and income receipts (1)	1,417,236	1,281,793	349,040	331,612	309,477	291,667	291,348	304,359	13,011
2	Goods, balance of payments basis (3)	771,994	718,762	193,284	184,846	173,274	167,358	164,649	172,676	8,027
3	Services (4)	292,245	279,260	72,720	71,920	69,051	65,572	68,603	71,076	2,473
4	Income receipts (12)	352,997	283,771	83,036	74,846	67,152	58,737	58,096	60,607	2,511
5	Imports of goods and services and income payments (18)	-1,774,135	-1,625,701	-445,154	-418,930	-388,448	-373,174	-387,786	-421,258	-33,472
6	Goods, balance of payments basis (20)	-1,224,417	-1,145,927	-306,316	-292,565	-279,025	-268,021	-271,073	-295,316	-24,243
7	Services (21)	-218,503	-210,385	-56,848	-57,525	-43,078	-52,937	-57,671	-59,049	-1,378
8	Income payments (29)	-331,215	-269,389	-81,990	-68,840	-66,345	-52,216	-59,042	-66,893	-7,851
9	Unilateral current transfers, net (35)	-53,442	-49,463	-11,608	-11,916	-12,360	-13,579	-16,016	-13,060	2,956
Capital account										
10	Capital account transactions, net (39)	837	826	208	207	206	205	208	200	-8
Financial account										
11	U.S.-owned assets abroad, net (increase/financial outflow (-)) (40)	-606,489	-370,962	-215,815	-80,036	24,978	-100,088	-25,918	-140,833	-114,915
12	U.S. official reserve assets, net (41)	-290	-4,911	190	-1,343	-3,559	-199	390	-1,843	-2,233
13	U.S. Government assets, other than official reserve assets, net (46)	-941	-486	77	-783	77	143	133	12	-121
14	U.S. private assets, net (50)	-605,258	-365,565	-216,082	-77,910	28,460	-100,032	-26,441	-139,002	-112,561
15	Foreign-owned assets in the United States, net (increase/financial inflow (+)) (55)	1,015,986	752,806	302,510	181,610	17,889	250,797	113,496	221,213	107,717
16	Foreign official assets in the United States, net (56)	37,640	5,224	4,087	-20,831	16,882	5,086	7,641	47,062	39,421
17	Other foreign assets in the United States, net (63)	978,346	747,582	298,423	202,441	1,007	245,711	105,855	174,151	68,296
18	Statistical discrepancy (sum of above items with sign reversed) (70)	7	10,701	20,819	-2,547	48,258	-55,828	24,668	49,379	24,711
Memoranda:										
19	Balance on current account (76)	-410,341	-393,371	-107,722	-99,234	-91,331	-95,086	-112,454	-129,959	-17,505
20	Net financial flows (40 and 55)	409,497	381,844	86,695	101,574	42,867	150,709	87,578	80,380	-7,198

¹ Revised.

^a Preliminary.

U.S. dollar in exchange markets

In the second quarter, the U.S. dollar depreciated 4 percent on a nominal, trade-weighted quarterly average basis against the group of seven major currencies that are widely traded in international markets (table B, chart 1). From the end of the first quarter to the end of the second quarter, the dollar depreciated sharply, falling 12 percent against the euro and 10 percent against the Japanese yen.

After reaching a more than 16-year high against the group of major currencies in the first quarter, the dollar depreciated in the second quarter. Economic releases indicated that U.S. economic activity was expanding more modestly in the second quarter than in the previous two quarters. U.S. financial markets were also adversely affected by growing concerns over corporate profitability and governance. Although economic activity abroad was also weak, there were signs of recoveries in major markets in Europe, Asia, and Canada.

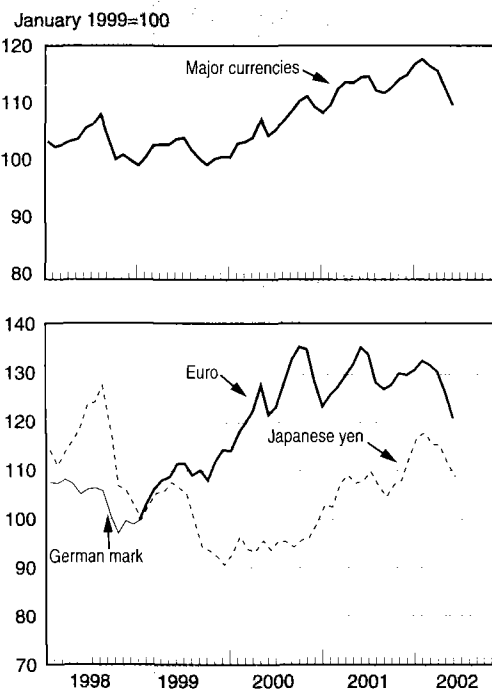
The dollar fell to a 28-month low against the euro near the end of the second quarter. The euro benefited from changes in interest-rate differentials in favor of owning euro-denominated assets. In addition, concerns about inflationary influences in the euro area eased, and business sentiment surveys showed signs of a possible recovery in manufacturing, despite continued weakness in Germany.

The yen appreciated against the dollar, as rising exports and gains in Japanese stock market prices gave investors hope for a modest improvement in Japan's economic conditions. Japanese monetary authorities attempted to stem the yen's rise by selling yen in foreign exchange markets on seven separate occasions.

In contrast, the U.S. dollar appreciated sharply against the currencies of several major Latin American countries that were experiencing substantial economic and financial difficulties. From the end of the first

CHART 1

Nominal Indexes of Foreign Currency Price of the U.S. Dollar



Note.—See table B for definitions of the indexes. Monthly average rates.
Data: Federal Reserve Board. Indexes rebased by BEA.
U.S. Bureau of Economic Analysis

Table B. Indexes of Foreign Currency Price of the U.S. Dollar
(January 1999=100)

	2001			2002		2001						2002						
	II	III	IV	I	II	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Nominal: ¹																		
Broad ²	110.0	109.8	110.5	112.5	110.7	110.4	110.8	109.1	109.4	110.2	110.6	110.7	112.2	112.9	112.3	112.0	110.6	109.4
Major currencies ³	114.8	113.8	114.9	117.9	113.5	115.4	115.6	113.2	112.7	113.7	115.1	115.8	117.8	118.6	117.4	116.6	113.4	110.5
Other important trading partners ⁴	105.0	105.6	106.0	106.8	107.9	105.2	105.9	104.9	106.1	106.6	105.9	105.5	106.5	107.0	106.9	107.2	107.8	108.6
Real: ¹																		
Broad ²	112.1	111.7	111.9	113.7	112.2	112.6	112.9	110.9	111.4	111.7	112.1	111.9	113.4	114.0	113.7	113.6	112.1	110.8
Major currencies ³	118.4	117.5	118.7	121.8	117.4	119.1	119.4	116.7	116.5	117.4	119.2	119.4	121.5	122.5	121.4	120.7	117.2	114.2
Other important trading partners ⁴	104.7	105.0	104.1	104.5	106.0	105.1	105.4	104.2	105.4	105.0	103.9	103.4	104.2	104.3	104.9	105.4	106.0	106.7
Selected currencies: (nominal) ⁵																		
Canada	101.4	101.8	104.0	105.0	102.3	100.3	100.8	101.3	103.2	103.4	104.8	103.9	105.3	105.1	104.5	104.1	102.0	100.8
European currencies:																		
Euro area ⁶	132.7	130.1	129.6	132.2	126.1	135.9	134.5	128.6	127.2	128.1	130.5	130.1	131.2	133.1	132.2	130.8	126.4	121.2
United Kingdom	116.1	114.7	114.4	115.7	112.8	117.7	116.6	114.8	112.7	113.8	114.9	114.5	115.2	116.0	115.9	114.3	113.0	111.2
Switzerland	126.3	122.0	118.9	121.3	115.1	128.9	126.8	121.3	117.9	118.0	119.1	119.6	120.6	122.5	120.8	119.4	114.7	111.1
Japan	108.3	107.2	109.3	116.9	111.9	108.0	109.9	107.1	104.7	107.2	108.1	112.6	117.1	118.0	115.7	115.4	111.6	108.8
Mexico	90.7	91.3	91.2	90.0	93.6	89.7	90.5	90.2	93.1	92.2	91.1	90.4	90.5	89.9	89.5	90.5	93.9	96.4
Brazil	151.3	168.9	168.7	157.6	165.6	157.3	163.6	166.2	177.0	181.3	168.5	156.3	157.4	160.3	155.1	153.6	163.7	179.5

1 For more information on the nominal and real indexes of the foreign exchange value of the U.S. dollar, see *Federal Reserve Bulletin*, vol. 84 (October 1998): 811-18.
2 Weighted average of the foreign exchange value of the U.S. dollar against the currencies of a broad group of U.S. trading partners, including the currencies of the euro-area countries, Australia, Canada, Japan, Sweden, Switzerland, United Kingdom, Argentina, Brazil, Chile, Colombia, Mexico, Venezuela, China, Hong Kong, India, Indonesia, Korea, Malaysia, the Philippines, Singapore, Taiwan, Thailand, Israel, Saudi Arabia, and Russia. Data: Federal Reserve Board. Monthly and quarterly average rates. Index rebased by BEA.
3 Weighted average of the foreign exchange value of the U.S. dollar against broad-index currencies that circulate widely outside the country of issue, including the currencies of the euro-area countries, Australia, Canada, Japan, Sweden, Switzerland, and the United Kingdom. The weight for each currency is its broad-index weight divided by the sum of the broad-index

weights for all of the currencies included in the major currency index. Data: Federal Reserve Board. Monthly and quarterly average rates. Index rebased by BEA.
4 Weighted average of the foreign exchange value of the U.S. dollar against broad-index currencies that do not circulate widely outside the country of issue, including the currencies of Argentina, Brazil, Chile, Colombia, Mexico, Venezuela, China, Hong Kong, India, Indonesia, Korea, Malaysia, the Philippines, Singapore, Taiwan, Thailand, Israel, Saudi Arabia, and Russia. The weight for each currency is its broad-index weight divided by the sum of the broad-index weights for all of the currencies included in the other important trading partners index. Data: Federal Reserve Board. Monthly and quarterly average rates. Index rebased by BEA.
5 Data: Federal Reserve Board. Monthly and quarterly average rates. Indexes prepared by BEA.
6 The euro area includes Austria, Belgium, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal, and Spain

quarter to the end of the second quarter, the dollar appreciated 27 percent against the Argentine peso, 22 percent against the Brazilian real, and 10 percent against the Mexican peso. The Argentine peso has lost over 60 percent of its value since it was allowed to float early this year after the Government's default on its international debt. The Brazilian real depreciated in the second quarter amid mounting concern about the country's economic and financial situation and the servicing of its large foreign debt.

Current Account

Goods and services

The deficit on goods and services increased to \$110.6 billion in the second quarter from \$95.5 billion in the first. A large increase in the deficit on goods more than offset a small increase in the surplus on services.

Goods

The deficit on goods increased to \$122.6 billion in the second quarter from \$106.4 billion in the first. The deficit had also increased in the first quarter after decreases throughout 2001. In the second quarter, imports surged an unprecedented amount, and exports increased strongly; in contrast, imports and exports had decreased substantially in 2001 (chart 2).

Exports. Goods exports increased \$8.0 billion, or 5 percent, to \$172.7 billion in the second quarter, follow-

Revisions to the Estimates for the First Quarter of 2002

The international transactions accounts estimates for the first quarter of 2002 are revised from the preliminary estimates that were published in the July 2002 SURVEY OF CURRENT BUSINESS. The current-account deficit for the first quarter was virtually unrevised at \$112.5 billion. The goods deficit was unrevised at \$106.4 billion, the services surplus was revised to \$10.9 billion from \$11.6 billion, the deficit on income was revised to \$0.9 billion from \$1.8 billion, and unilateral current transfers were revised to net outflows of \$16.0 billion from net outflows of \$15.9 billion. Net recorded financial inflows were revised to \$87.6 billion from \$99.4 billion.

ing six quarters of decline. In percentage terms, the increase was the largest in over 7 years. Real exports increased 4 percent, and export prices increased 1 percent (table C).²

Exports were spurred by an acceleration in economic activity in some foreign countries. The largest increases in exports were to Canada, where economic growth has been strong; to Asia, where recovery is underway partly due to the revival of the technology sector; and to Mexico, where signs of a rebound in economic activity recently emerged.

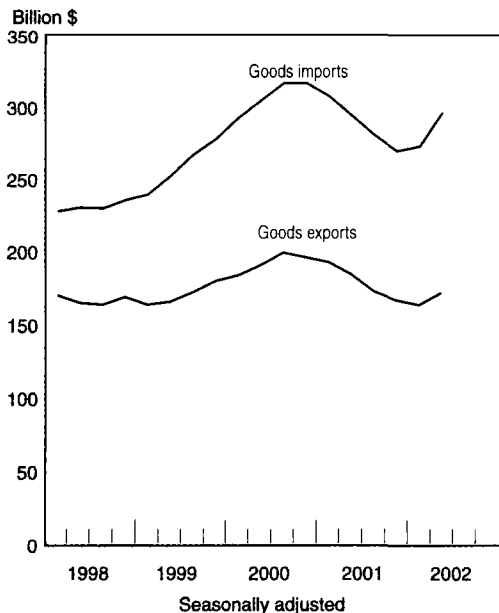
Exports of most major end-use commodities increased in value. Industrial supplies and materials increased \$3.0 billion, or 8 percent, to \$39.9 billion, following five quarters of decline. Chemicals accounted for over one-third of the total increase; exports to all geographical areas, particularly to Asia, rose strongly. Metals and nonmetallic products increased substantially, largely as a result of a 24-percent rise in nonferrous metals. Exports of every other category of nonagricultural commodities also increased.

Capital goods increased \$2.5 billion, or 3 percent, to \$73.6 billion, following six quarters of decrease. The second-quarter increase was mostly due to a surge in exports to Asia. Semiconductors increased \$1.1 billion, of which 80 percent was to Asia. Several other commodity categories increased, including electric generating machinery, machine tools, and "other" industrial, agricultural, and service machinery. In contrast, computers, peripherals, and parts decreased for the seventh consecutive quarter (although only slightly), and telecommunications equipment also continued to fall.

Automotive vehicles, engines, and parts increased

CHART 2

U.S. Trade in Goods



U.S. Bureau of Economic Analysis

2. Quantity (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 as chained (1996) dollars. Price indexes (1996=100) are also calculated using a chain-type Fisher formula.

\$1.7 billion, or 9 percent, to \$20.1 billion. The increase was the largest in both dollar and percentage terms since 1998. About two-thirds of the dollar increase was in engines and in other parts and accessories. Exports to Canada accounted for about 40 percent of the total increase, and exports to Mexico, about 30 percent.

Consumer goods increased \$0.5 billion, or 3 percent, to \$21.1 billion, following a yearlong decline.

Imports. Goods imports increased \$24.2 billion, or 9 percent, to \$295.3 billion in the second quarter, following a modest increase in the first quarter and substantial decreases in 2001. The second-quarter increase was a record in dollar terms and the largest in over 22 years in percentage terms. Nonpetroleum imports accounted for two-thirds of the increase, as all major commodity groups showed gains. Real imports increased 6 percent, and import prices increased 3 percent (table C).

Imports increased strongly, though the recovery in U.S. economic activity in the last three quarters has been uneven. Imports of consumer goods accelerated, though domestic consumer expenditures slowed for the second consecutive quarter. Imports of automotive products rose sharply, reflecting the high level of domestic expenditures for motor vehicles in the first half of the year, partly in response to sales incentives. Imports of capital goods stepped up, reflecting a rebound in domestic business investment in the first half of the year.

Consumer goods increased \$5.5 billion, or 8 percent, to a record \$76.8 billion. China accounted for over 60 percent of the increase. Manufactured durable goods rose \$3.4 billion, of which over one-third was accounted for by household and kitchen appliances.

Manufactured nondurable goods increased \$1.7 billion.

Automotive vehicles, engines, and parts increased \$4.2 billion, or 9 percent, to \$51.8 billion. Over 60 percent of the increase was accounted for by a sharp increase in passenger cars, particularly from Germany but also from Canada, Mexico, and the United Kingdom. Most of the rest of the increase was accounted for by parts and accessories.

Capital goods increased \$2.9 billion, or 4 percent, marking the second consecutive quarterly increase after five quarters of decline. The second-quarter increase was mostly accounted for by a strong rise in imports from Asia. High-technology products accounted for over half of the increase in capital goods, and "other" industrial, agricultural, and service industry machinery accounted for most of the rest. Among high-technology products, telecommunications equipment increased \$0.7 billion, semiconductors increased \$0.6 billion, and computers and parts increased \$0.2 billion. All three categories had begun to strengthen in the first quarter after decreasing for several quarters.

Nonpetroleum industrial supplies and materials increased \$2.9 billion, or 8 percent, to \$41.6 billion in the second quarter, following little change in the first quarter and substantial declines in 2001. The second-quarter increases were widespread by commodity category. Chemicals increased \$1.0 billion, reflecting increased purchases from Canada, Hungary, and Western Europe (mostly Germany). Natural gas, nonmonetary gold, and other precious metals also contributed to the second-quarter increase.

Petroleum imports surged to \$27.2 billion, an increase of \$8.0 billion, or 42 percent, following six quar-

Table C. U.S. Trade in Goods, Current and Chained (1996) Dollars, and Percent Changes from Previous Period
[Balance of payments basis, millions of dollars, quarters seasonally adjusted]

	Current dollars								Chained (1996) dollars ¹							
	2000	2001	2001				2002		2000 ^r	2001 ^r	2001				2002	
			I	II	III	IV	I	II ^p			I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p
Exports.....	771,994	718,762	193,284	184,846	173,274	167,358	164,649	172,676	820,566	769,089	205,185	197,064	185,717	181,123	178,772	186,274
Agricultural products.....	52,801	54,889	13,647	13,637	13,643	13,962	13,781	13,520	68,307	70,521	17,496	17,619	17,226	18,180	18,085	17,558
Nonagricultural products.....	719,193	663,873	179,637	171,209	159,631	153,396	150,868	159,156	751,650	699,081	187,513	179,464	168,743	163,361	161,012	168,955
Imports.....	1,224,417	1,145,927	306,316	292,565	279,025	268,021	271,073	295,316	1,293,416	1,246,514	324,144	314,925	305,279	302,166	307,339	325,956
Petroleum and products.....	120,185	103,588	29,164	28,545	25,634	20,245	19,165	27,152	86,219	89,209	22,838	23,226	21,469	21,676	20,563	22,274
Nonpetroleum products.....	1,104,232	1,042,339	277,152	264,020	253,391	247,776	251,908	268,164	1,205,086	1,152,864	300,273	290,132	282,802	279,657	285,934	302,668
	Percent change from previous period (current dollars)								Percent change from previous period (chained (1996) dollars)							
	2000	2001	2001				2002		2000 ^r	2001 ^r	2001				2002	
			I	II	III	IV	I	II ^p			I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p
Exports.....	12.9	-6.9	-1.6	-4.4	-6.3	-3.4	-1.6	4.9	11.6	-6.3	-1.5	-4.0	-5.8	-2.5	-1.3	4.2
Agricultural products.....	6.3	4.0	3.2	-0.1	0.0	2.3	-1.3	-1.9	8.2	3.2	2.8	0.7	-2.2	5.5	-0.5	-2.9
Nonagricultural products.....	13.4	-7.7	-2.0	-4.7	-6.8	-3.9	-1.6	5.5	11.8	-7.0	-1.9	-4.3	-6.0	-3.2	-1.4	4.9
Imports.....	18.9	-6.4	-2.8	-4.5	-4.6	-3.9	1.1	8.9	13.5	-3.6	-1.9	-2.8	-3.1	-1.0	1.7	6.1
Petroleum and products.....	77.3	-13.8	-8.2	-2.1	-10.2	-21.0	-5.3	41.7	5.9	3.5	5.4	1.7	-7.6	1.0	-5.1	8.3
Nonpetroleum products.....	14.8	-5.6	-2.2	-4.7	-4.0	-2.2	1.7	6.5	14.1	-4.3	-2.6	-3.4	-2.5	-1.1	2.2	5.9

^r Revised.

^p Preliminary.

1. Because chain indexes use weights of more than one period, the corresponding chained dollar estimates are usually not additive.

Note. The chained-dollar estimates are revised to incorporate the results of the recent annual revision of the national income and product accounts.

ters of decline. The increase, a record in dollar terms and a near-record in percentage terms, was due to sharply higher prices and an increase in volume. Petroleum prices jumped to \$24.03 per barrel from \$18.40 per barrel in the first quarter, and the average number of barrels imported daily increased to 12.38 million from 11.44 million (chart 3). Most of the increase in value was accounted for by non-OPEC members, mainly Canada, Mexico, and the United Kingdom.

Balances by area. By area, the goods deficit with Western Europe increased \$7.2 billion as a result of an increase in imports and a decrease in exports. The deficit with China increased \$4.5 billion, as a substantial jump in imports more than offset an increase in exports. The deficit with Latin America rose \$2.1 billion.

Services

The surplus on services increased \$1.1 billion, to \$12.0 billion, in the second quarter. Receipts increased \$2.5 billion, to \$71.1 billion, and payments increased \$1.4 billion, to \$59.0 billion.

After rebounding strongly in the first quarter, travel receipts and payments increased only modestly in the second quarter and were still well below year-earlier levels. In the second quarter, receipts increased \$0.2 billion, to \$17.2 billion, and payments increased \$0.1 billion, to \$14.7 billion.

“Other” transportation receipts increased \$0.2 billion, to \$7.0 billion. After falling throughout 2001, receipts rebounded in the first half of 2002, largely as a result of increases in goods exports and imports that raised the demand for port and freight services. In the second quarter, air port services rose as a result of in-

creases in the price of jet fuel and in import and export volume. An increase in freight services reflected increases in air, truck, and ocean freight services. “Other” transportation payments increased \$0.9 billion, to \$9.7 billion, the first quarterly increase since the third quarter of 2000. The rebound was largely attributable to increases in ocean freight and in air port services.

“Other” private service receipts increased \$1.4 billion, to \$28.8 billion. Affiliated services accounted for \$0.9 billion of the increase, reflecting higher receipts of both U.S. parents and U.S. affiliates of foreign parents. “Other” private service payments increased \$0.4 billion, to \$19.5 billion. Unaffiliated services more than accounted for the increase, rising \$0.7 billion. Most of the increase was due to a rise in insurance premium payments.

Income

The deficit on income increased \$5.3 billion, to a record \$6.3 billion in the second quarter. The balance on income has been volatile, especially since early 2001, and has been subject to significant revisions as new and updated source data have become available. In the first quarter of 2002, the balance on income shifted to a deficit, and in the second quarter, the deficit widened. Income receipts increased \$2.5 billion, to \$60.6 billion, in the second quarter, largely because of a rise in direct investment receipts. Income payments increased \$7.9 billion, to \$66.9 billion, mostly because of a strong increase in direct investment payments.

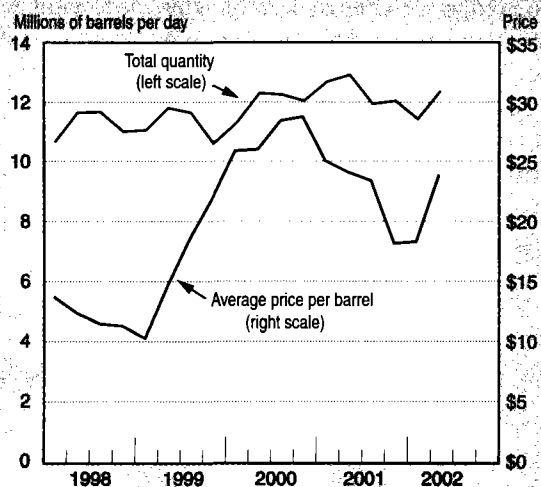
Receipts of income on U.S. direct investment abroad increased \$2.5 billion, to \$31.1 billion (chart 4). After falling throughout 2001, direct investment receipts recovered in the first half of 2002 but remained well below the levels in 2000. The second-quarter increase was attributable to a rise in earnings that was widespread among major industries. Geographically, the largest earnings increases were from foreign affiliates in Western Europe, Asia, and Canada. Increases in Latin America were due to decreased losses in Argentina.

Payments of income on foreign direct investment in United States rose \$6.9 billion, to \$13.5 billion. After declining sharply from mid-2000 to the end of 2001, direct investment payments recovered strongly in the first half of 2002 as many U.S. affiliates made profits after posting losses over several quarters. In the second quarter, earnings increased \$6.6 billion. Earnings in manufacturing and in “other” industries increased the most; all subindustries within those categories posted increases. Earnings in the petroleum industry also increased, largely as a result of a rise in petroleum prices.

“Other” private receipts increased \$0.2 billion, to \$28.2 billion, after declining sharply for five quarters.

CHART 3

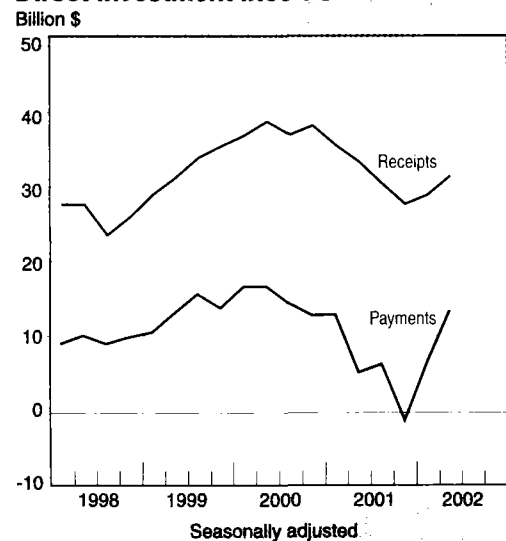
U.S. Petroleum Imports, Quantity and Price



U.S. Bureau of Economic Analysis

CHART 4

Direct Investment Income



U.S. Bureau of Economic Analysis

The second-quarter increase was due to higher outstanding holdings and balances. The largest increases were in dividends on U.S. holdings of foreign stocks and in interest on U.S. bank claims. These increases were partly offset by a decrease in interest receipts on U.S. holdings of foreign bonds.

After falling sharply for five quarters, "other" private payments increased \$0.8 billion, to \$32.5 billion, in the second quarter. The second-quarter increase was mostly due to higher outstanding holdings and balances. Increases in interest on nonbank liabilities and in dividends on foreign holdings of U.S. stocks more than offset a decline in interest payments on foreign holdings of U.S. corporate bonds.

Unilateral current transfers

Unilateral current transfers were net outflows of \$13.1 billion in the second quarter, down from net outflows of \$16.0 billion in the first. The decrease was more than accounted for by a decline in U.S. Government grants.

Capital Account

Capital account transactions were net inflows of \$0.2 billion in the second quarter, virtually unchanged from the first.

Financial Account

Net recorded financial inflows—net acquisitions by foreign residents of assets in the United States less net acquisitions by U.S. residents of assets abroad—were \$80.4 billion in the second quarter, compared with \$87.6 billion (revised) in the first. Financial outflows for U.S.-owned assets abroad increased more than financial inflows for foreign-owned assets in the United States.

U.S.-owned assets abroad

Net U.S.-owned assets abroad increased \$140.8 billion in the second quarter, following an increase of \$25.9 billion in the first. U.S. claims on foreigners reported by U.S. banks and nonbanking concerns shifted to substantial net outflows, and transactions in foreign securities shifted to net U.S. purchases from net U.S. sales.

U.S. official reserve assets. U.S. official reserve assets increased \$1.8 billion in the second quarter, in contrast to a decrease of \$0.4 billion in the first (table D). Most of the second-quarter increase was accounted for by a \$1.6 billion increase in the U.S. reserve position in the International Monetary Fund (IMF), reflecting dollar lending by the IMF to Brazil and Turkey.

Claims reported by banks and by nonbanks. U.S. claims on foreigners reported by U.S. banks increased \$72.7 billion in the second quarter, in contrast to a decrease of \$0.7 billion in the first (chart 5). The second-quarter increase reflected a sharp increase in banks' own lending overseas and an upswing in banks' domestic customers' claims.

Banks' own claims payable in dollars increased \$52.6 billion in the second quarter, following a \$5.1 billion increase in the first. The second-quarter increase was largely accounted for by a sharp increase in interbank lending, particularly by foreign-owned banks in the United States to their own offices abroad, mostly in Western Europe. The increase in claims re-

Table D. Selected Transactions with Official Agencies
(Millions of dollars)

	2000	2001	2001				2002		Change: 2002 I-II
			I	II	III	IV	I ¹	II ²	
Changes in foreign official assets in the United States, net (decrease -) (table 1, line 56)	37,640	5,224	4,087	-20,831	16,882	5,086	7,641	47,062	39,421
Industrial countries ¹	14,089	-1,616	-7,273	-10,007	7,199	8,465	5,222	20,956	15,734
Members of OPEC ²	12,000	-1,725	673	-1,699	-4,081	3,382	-8,532	993	9,525
Other countries	11,551	8,565	10,687	-9,125	13,764	-6,761	10,951	25,113	14,162
Changes in U.S. official reserve assets, net (increase -) (table 1, line 41)	-290	-4,911	190	-1,343	-3,559	-199	390	-1,843	-2,233

¹ Revised.² Preliminary.¹ Western Europe, Canada, Japan, Australia, New Zealand, and South Africa.² Based on data for Ecuador, Venezuela, Indonesia, and other Asian and African oil-exporting countries. Excludes Ecuador beginning January 1993 and Gabon beginning January 1995.

flected a rebound in the international syndicated loan market and may also have reflected bank lending to support increased foreign acquisitions of U.S. securities. Claims were also boosted by banks' extension of credit to borrowers who were unable to access the commercial paper and securities markets because of investors' heightened risk aversion. Securities brokers' and dealers' claims increased strongly, partly in the form of resale agreements with offshore investment funds in the Caribbean.

Banks' domestic customers' claims payable in dollars increased \$13.7 billion, in contrast to a decrease of \$9.4 billion in the first quarter. The second-quarter increase was more than accounted for by large increases in banks' customers' holdings of foreign commercial paper and of other negotiable instruments.

Nonbanking concerns' claims increased \$27.0 billion in the second quarter, following virtually no change in the first. The increase was mostly in the form of deposits at Caribbean banking centers.

Foreign securities. Transactions in foreign securi-

ties shifted to net U.S. purchases of \$10.0 billion in the second quarter from net U.S. sales of \$2.0 billion in the first. A shift to net U.S. purchases of foreign stocks more than offset an increase in net U.S. sales of foreign bonds.

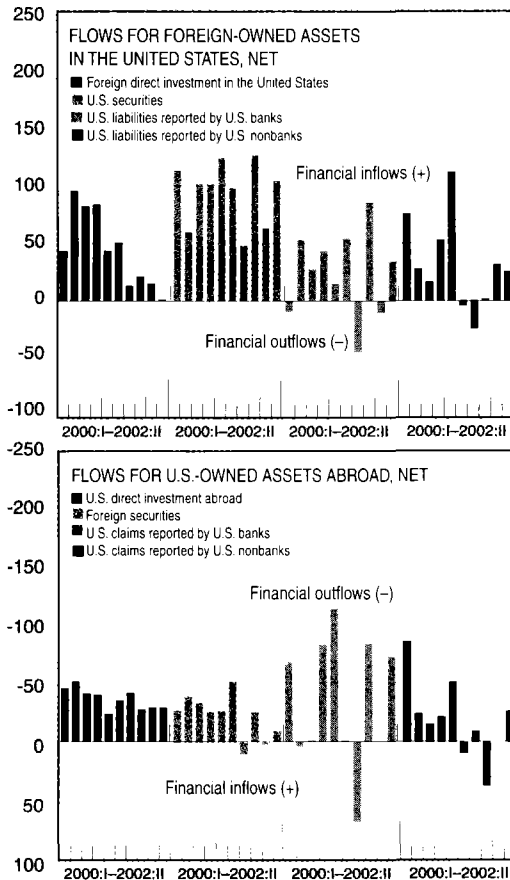
Transactions in foreign stocks shifted to net U.S. purchases of \$20.2 billion from net U.S. sales of \$1.5 billion. (There were no large merger-related exchanges of stocks in the second quarter, compared with \$1.8 billion of these exchanges in the first.) Transactions with several countries and areas shifted to net U.S. purchases from net sales, although major world stock markets continued to be pressured by ongoing troubles in the telecommunication, media, and technology sectors and by weak global economic activity (chart 6). In local currency terms, foreign stock prices decreased an average of 12 percent. European stock prices fell sharply because of disappointing corporate earnings and weak economic activity in Europe. The Japanese market fared somewhat better, but prices still declined, partly in response to concerns that the yen's appreciation might hurt Japanese exports. Emerging-market stock prices were negatively affected by political and economic problems in Latin America and by a general rise in risk aversion.

Net U.S. sales of foreign bonds increased to \$10.2 billion in the second quarter from \$0.6 billion in the first. Despite a decline in borrowing costs, new foreign issues in the United States fell to a 2-year low, as inves-

CHART 5

Financial Flows, 2000:I-2002:II

Billion \$

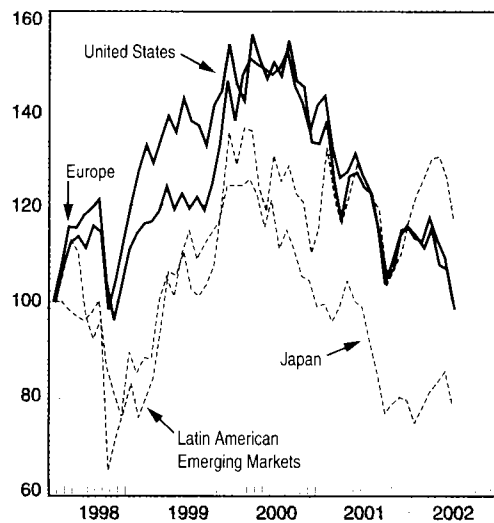


U.S. Bureau of Economic Analysis

CHART 6

Selected Stock Price Indexes in Local Currencies

January 1998=100



Source: Morgan Stanley Capital International. Indexes rebased by BEA.

U.S. Bureau of Economic Analysis

tors' heightened risk aversion limited issuance to only the highest rated borrowers. Net U.S. sales of outstanding foreign bonds increased to \$7.1 billion from \$1.9 billion, partly reflecting sales of issues denominated in foreign currency.

Direct investment. Financial outflows for U.S. direct investment abroad were \$29.4 billion in the second quarter, nearly unchanged from \$29.3 billion in the first. Net equity capital outflows decreased to \$6.1 billion from \$9.5 billion, reflecting the absence of large U.S. acquisitions of foreign companies. In contrast, net intercompany debt outflows increased to \$5.5 billion from \$2.0 billion. Reinvested earnings were nearly unchanged at \$17.7 billion.

Foreign-owned assets in the United States

Net foreign-owned assets in the United States increased \$221.2 billion in the second quarter, following an increase of \$113.5 billion in the first. U.S. liabilities to foreigners reported by U.S. banks increased after a first-quarter decrease, and net foreign purchases of U.S. securities increased substantially.

Foreign official assets. Foreign official assets in the United States increased \$47.1 billion in the second quarter, following an increase of \$7.6 billion in the first. Assets of industrial countries increased \$21.0 billion, partly as a result of official interventions in the foreign-exchange market in an effort to limit the appreciation of the Japanese yen. Assets of non-OPEC developing countries increased \$25.1 billion, and assets of OPEC members increased \$1.0 billion.

Liabilities reported by banks and by nonbanks. U.S. liabilities to foreigners reported by U.S. banks, excluding U.S. Treasury securities, increased \$34.9 billion in the second quarter, in contrast to a decrease of \$11.1 billion in the first. The second-quarter increase was due to a resurgence in interbank borrowing, an acceleration in borrowing by securities brokers and dealers, and an increase in banks' custody liabilities.

Banks' own liabilities payable in dollars increased \$19.6 billion in the second quarter, in contrast to a decrease of \$8.3 billion in the first. The second-quarter increase was partly in the form of repurchase agreements, which banks and securities brokers and dealers may have used to finance an expansion of their holdings of U.S. securities. The increase in liabilities also helped to finance the pickup in international lending by U.S. banks.

Banks' custody liabilities payable in dollars increased \$6.5 billion in the second quarter, in contrast to a decrease of \$4.2 billion in the first. Most of the increase was in negotiable and readily transferable instruments.

Nonbanking concerns' liabilities increased \$26.0 billion, following an increase of \$32.3 billion. The second-quarter increase was largely accounted for by an increase in nonbank borrowing.

U.S. Treasury securities. Transactions in U.S. Treasury securities except those for official assets shifted to net foreign purchases of \$1.4 billion in the second quarter from net foreign sales of \$7.3 billion in the first. U.S. Treasury bond prices advanced 3 percent, reflecting lackluster economic reports, weakened investor confidence, and heightened risk aversion. Net foreign purchases of U.S. Treasury securities in June, when uncertainty in U.S. financial markets was high, more than offset net foreign sales in April and May. Net purchases from Japan and Caribbean offshore investment funds were largely offset by net sales from Western Europe.

Other U.S. securities. Net foreign purchases of U.S. securities other than Treasury securities were \$103.8 billion in the second quarter, up from \$71.1 billion in the first. Net foreign purchases of U.S. bonds increased to a record level, while net foreign purchases of U.S. stocks decreased to the lowest level in more than 3 years.

Net foreign purchases of U.S. corporate and other bonds doubled to a record \$92.3 billion. Weakness in the U.S. stock market and historically low yields on U.S. Treasury securities prompted some foreign investors to shift funds into the high-quality U.S. corporate and agency bond markets, where yields were higher and levels of risk were acceptable. Investment-grade bonds outperformed noninvestment-grade bonds by a large margin, reflecting deteriorating credit quality and rising liquidity risks in the corporate bond sector. Several prominent companies had already been downgraded to noninvestment-grade status, and many others were on the verge of being downgraded. Prices of U.S. agency bonds and investment-grade corporate bonds increased 3 percent and 1 percent, respectively, whereas prices of noninvestment-grade bonds decreased 9 percent.

Net foreign purchases of U.S. agency bonds increased to a record \$32.4 billion from \$2.7 billion. The increase coincided with a general rise in demand for agency bonds, which resulted in a further narrowing of the spread between agency bonds and Treasury bonds. Over the past few years, agency bonds have grown in importance as viable alternatives to U.S. Treasury bonds because of their similar quality and liquidity. New U.S. corporate bond issues sold abroad increased to \$23.2 billion from \$21.2 billion, reflecting foreign investors' strong demand for quality U.S. issues and U.S. corporate borrowers' continued attraction to the

low cost of long-term debt. Net foreign purchases of other outstanding U.S. corporate bonds increased to \$36.8 billion from \$22.2 billion.

Net foreign purchases of U.S. stocks decreased to \$11.4 billion from \$25.0 billion. (There were no large merger-related exchanges of stocks in the second quarter, compared with \$6.6 billion of these exchanges in the first.) U.S. stock prices fell sharply, partly as a result of indications that U.S. economic activity was expanding more modestly than previously expected and of a decline in investors' confidence about the quality of U.S. corporate earnings. In the first half of the quarter, heightened political tensions in the Middle East weakened investor confidence, contributing to a sharp

sell-off in the U.S. stock market. Later, the market tumbled because of a series of earnings restatement announcements and of renewed concerns over corporate accounting and governance issues that partly arose from the bankruptcy of a prominent U.S. telecommunications company. From the end of the first quarter to the end of the second quarter, the S&P 500 index dropped 14 percent; the DJIA, 11 percent; and the NASDAQ, 21 percent.

The decrease in net foreign purchases of U.S. stocks was more than accounted for by a shift to net sales by Western Europe from net purchases. It was the first quarter in 7 years that Western Europe had net sales of U.S. stocks. In contrast, net purchases by Japan increased substantially.

U.S. currency flows. Net U.S. currency shipments to foreigners were \$7.2 billion in the second quarter, up from \$4.5 billion in the first. Shipments to Argentina increased as the value of the peso continued to decline because of the country's financial and economic problems.

Direct investment. Net financial inflows for foreign direct investment in the United States were \$1.0 billion in the second quarter, down from \$16.2 billion in the first. The sharp decrease was more than accounted for by a shift in intercompany debt to record net outflows of \$12.7 billion from net inflows of \$10.6 billion. Net equity capital inflows decreased from \$11.0 billion to \$8.6 billion, the lowest level since the second quarter of 1995. The decrease in net equity capital inflows reflected the continued weakness in cross-border merger and acquisition activity. In contrast, reinvested earnings shifted to a positive \$5.1 billion from a negative \$5.3 billion.

Tables 1–10 follow.

Data Availability

Interactive access to the estimates that are presented in tables 1–10a of the U.S. international transactions accounts is available on BEA's Web site at <www.bea.gov>. You may view the most recent quarterly estimates (annual estimates for table 10a) for an entire table with a single mouse click, or you may select the period, frequency, and line items that you wish to view. The estimates are available as an HTML table or as comma-separated values that can be downloaded and imported into a spreadsheet or database.

The current and historical estimates in tables 1–10a are also available as compressed files on BEA's Web site; click on "Catalog of Products," and look under "International Accounts Products," "Balance of Payments."

The estimates are also available on diskettes. For more information, call BEA's Order Desk at 1–800–704–0415 (outside the United States, call 202–606–9666).

Table 1. U.S. International Transactions
(Millions of dollars)

Line	(Credits +, debits -) ¹	2001	Not seasonally adjusted						Seasonally adjusted					
			2001				2002		2001				2002	
			I	II	III	IV	I ^r	II ^p	I	II	III	IV	I ^r	II ^p
1	Exports of goods and services and income receipts	1,281,793	347,304	332,942	306,844	294,703	289,712	305,507	349,040	331,612	309,477	291,667	291,348	304,359
2	Exports of goods and services	998,022	263,736	258,016	239,744	236,526	231,262	244,775	266,004	256,766	242,325	232,930	233,252	243,752
3	Goods, balance of payments basis ²	718,762	192,909	187,647	167,292	170,914	163,810	175,507	193,284	184,846	173,274	167,358	164,649	172,676
4	Services ³	279,260	70,827	70,369	72,452	65,612	67,452	69,268	72,720	71,920	69,051	65,572	68,603	71,076
5	Transfers under U.S. military agency sales contracts ⁴	12,220	2,806	3,227	3,079	3,108	2,990	3,117	2,806	3,227	3,079	3,108	2,990	3,117
6	Travel	73,119	18,299	20,276	20,628	13,916	15,056	17,605	20,735	19,803	17,845	14,736	17,038	17,200
7	Passenger fares	18,007	4,639	4,788	5,100	3,480	3,842	4,156	5,007	4,849	4,522	3,629	4,171	4,209
8	Other transportation	28,306	7,163	7,168	7,308	6,667	6,523	7,022	7,495	7,170	6,968	6,674	6,805	7,027
9	Royalties and license fees ⁵	38,668	9,428	9,534	9,314	10,392	9,651	10,291	9,717	9,743	9,537	9,672	9,931	10,490
10	Other private services ⁵	108,109	28,270	25,175	26,809	27,855	29,195	26,878	26,738	26,927	26,886	27,559	27,473	28,834
11	U.S. Government miscellaneous services	831	222	201	214	194	195	199	222	201	214	194	195	199
12	Income receipts	283,771	83,568	74,926	67,100	58,177	58,450	60,732	83,036	74,846	67,152	58,737	58,096	60,607
13	Income receipts on U.S.-owned assets abroad	281,389	82,976	74,333	66,503	57,577	57,839	60,118	82,444	74,253	66,555	58,137	57,485	59,993
14	Direct investment receipts	125,996	35,713	33,217	30,084	26,982	28,946	31,326	35,270	33,078	30,211	27,436	28,679	31,145
15	Other private receipts	151,832	46,281	40,398	35,494	29,659	27,944	28,162	46,281	40,398	35,494	29,659	27,944	28,162
16	U.S. Government receipts	3,561	982	718	925	936	899	630	893	777	850	1,042	812	686
17	Compensation of employees	2,382	592	593	597	600	611	614	592	593	597	600	611	614
18	Imports of goods and services and income payments	-1,625,701	-433,352	-419,632	-394,713	-378,004	-373,988	-421,705	-445,154	-418,930	-388,448	-373,174	-387,786	-421,258
19	Imports of goods and services	-1,356,312	-351,464	-350,111	-328,351	-326,386	-315,033	-354,132	-363,164	-350,090	-322,103	-320,958	-328,744	-354,365
20	Goods, balance of payments basis ²	-1,145,927	-298,773	-290,463	-281,518	-275,173	-261,179	-293,186	-306,316	-292,565	-279,025	-268,021	-271,073	-295,316
21	Services ³	-210,385	-52,691	-59,648	-46,833	-51,213	-53,854	-60,946	-56,848	-57,525	-43,078	-52,937	-57,671	-59,049
22	Direct defense expenditures	-15,198	-3,548	-3,512	-3,785	-4,488	-4,588	-4,750	-3,548	-3,512	-3,785	-4,353	-4,488	-4,750
23	Travel	-60,117	-13,545	-18,466	-17,253	-10,853	-12,389	-16,297	-16,003	-16,698	-14,468	-12,948	-14,587	-14,682
24	Passenger fares	-22,418	-5,237	-6,763	-6,571	-3,847	-4,609	-5,635	-5,810	-6,213	-5,944	-4,451	-5,113	-5,126
25	Other transportation	-38,823	-10,064	-10,057	-9,608	-9,094	-8,457	-9,631	-10,521	-10,130	-9,178	-8,997	-9,747	
26	Royalties and license fees ⁵	-16,359	-3,990	-3,939	-3,956	-4,474	-4,653	-4,422	-4,097	-4,038	-4,113	-4,110	-4,764	-4,522
27	Other private services ⁵	-54,588	-15,584	-16,185	-14,934	-17,885	-18,517	-19,486	-16,146	-16,208	-14,864	-17,371	-19,120	-19,497
28	U.S. Government miscellaneous services	-2,882	-723	-726	-726	-707	-741	-725	-723	-726	-726	-707	-741	-725
29	Income payments	-269,389	-81,888	-69,521	-66,362	-51,618	-58,955	-67,573	-81,990	-68,840	-66,345	-52,216	-59,042	-66,893
30	Income payments on foreign-owned assets in the United States	-260,850	-79,875	-67,503	-64,174	-49,298	-56,822	-65,410	-79,881	-66,727	-64,210	-50,035	-56,803	-64,621
31	Direct investment payments	-23,401	-13,015	-6,022	-6,267	1,903	-6,629	-14,263	-13,021	-5,246	-6,303	1,166	-6,610	-13,474
32	Other private payments	-156,784	-45,512	-40,886	-38,156	-32,230	-31,679	-32,475	-45,512	-40,886	-38,156	-32,230	-31,679	-32,475
33	U.S. Government payments	-80,665	-21,348	-20,595	-19,751	-18,971	-18,514	-18,672	-21,348	-20,595	-18,971	-18,514	-18,672	-18,514
34	Compensation of employees	-8,539	-2,013	-2,018	-2,188	-2,320	-2,133	-2,163	-2,109	-2,113	-2,135	-2,181	-2,239	-2,272
35	Unilateral current transfers, net	-49,463	-11,827	-11,250	-12,157	-14,229	-16,381	-12,336	-11,608	-11,916	-12,360	-13,579	-16,016	-12,060
36	U.S. Government grants ⁴	-11,628	-2,419	-2,522	-2,905	-3,782	-6,273	-3,111	-2,419	-2,522	-2,905	-3,782	-6,273	-3,111
37	U.S. Government pensions and other transfers	-5,798	-1,167	-934	-1,027	-2,670	-1,330	-1,006	-1,316	-1,291	-1,305	-1,886	-1,348	-1,357
38	Private remittances and other transfers ⁶	-32,037	-8,241	-7,794	-8,225	-7,777	-8,778	-8,219	-7,873	-8,103	-8,150	-7,911	-8,395	-8,592
Capital and financial account														
Capital account														
39	Capital account transactions, net	826	208	207	206	205	208	200	208	207	206	205	208	200
Financial account														
40	U.S.-owned assets abroad, net (increase/financial outflow (-))	-370,962	-218,586	-81,594	23,140	-93,922	-28,121	-142,649	-215,815	-80,036	24,978	-100,088	-25,918	-140,833
41	U.S. official reserve assets, net	-4,911	190	-1,343	-3,559	-199	390	-1,843	190	-1,343	-3,559	-199	390	-1,843
42	Gold ⁷	-630	-189	-156	-145	-140	-109	-107	-189	-156	-145	-140	-109	-107
43	Special drawing rights	-630	-189	-156	-145	-140	-109	-107	-189	-156	-145	-140	-109	-107
44	Reserve position in the International Monetary Fund	-3,600	574	-1,015	-3,242	83	652	-1,607	574	-1,015	-3,242	83	652	-1,607
45	Foreign currencies	-681	-195	-172	-172	-142	-153	-129	-195	-172	-172	-142	-153	-129
46	U.S. Government assets, other than official reserve assets, net	-486	77	-783	77	143	133	12	77	-783	77	143	133	12
47	U.S. credits and other long-term assets	-4,431	-1,094	-1,330	-1,011	-996	-853	-565	-1,094	-1,330	-1,011	-996	-853	-565
48	Repayments on U.S. credits and other long-term assets ⁸	3,873	1,071	573	1,118	1,111	994	553	1,071	573	1,118	1,111	994	553
49	U.S. foreign currency holdings and U.S. short-term assets, net	72	100	-26	-30	28	-8	24	100	-26	-30	28	-8	24
50	U.S. private assets, net	-365,565	-218,853	-79,468	26,622	-93,866	-28,644	-140,818	-216,082	-77,910	28,640	-100,032	-26,441	-139,002
51	Direct investment	-127,840	-26,285	-36,689	-43,562	-21,304	-31,483	-31,179	-23,514	-35,131	-41,724	-27,470	-29,280	-29,363
52	Foreign securities	-94,662	-26,895	-51,764	10,087	-26,090	2,047	-9,987	-26,895	-51,764	10,087	-26,090	2,047	-9,987
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	-14,358	-51,759	9,670	-9,479	37,210	65	-26,976	-51,759	9,670	-9,479	37,210	65	-26,976
54	U.S. claims reported by U.S. banks, not included elsewhere	-128,705	-113,914	-685	69,576	-83,682	727	-72,676	-113,914	-685	69,576	-83,682	727	-72,676
55	Foreign-owned assets in the United States, net (increase/financial inflow (+))	752,806	303,125	182,749	18,136	248,796	113,921	222,431	302,510	181,610	17,889	250,797	113,496	221,213
56	Foreign official assets in the United States, net	5,224	4,087	-20,831	16,882	5,086	7,641	47,062	4,087	-20,831	16,882	5,086	7,641	47,062
57	U.S. Government securities	31,665	2,547	-10,866	15,594	24,390	6,714	21,741	2,547	-10,866	15,594	24,390	6,714	21,741
58	U.S. Treasury securities ⁹	10,745	-1,027	-20,798	15,810	16,760	-582	15,193	-1,027	-20,798	15,810	16,760	-582	15,193
59	Other ¹⁰	20,920	3,574	9,932	-216	7,630	7,296	6,548	3,574	9,932	-216	7,630	7,296	6,548
60	Other U.S. Government liabilities ¹¹	-1,882	-676	-791	89	-504	-790	-20	-676	-791	89	-504	-790	-20
61	U.S. liabilities reported by U.S. banks, not included elsewhere	-30,278	1,213	-10,202	-782	-20,507	991	24,415	1,213	-10,202	-782	-20,507	991	24,415
62	Other foreign official assets ¹²	5,719	1,003	1,028	1,981	1,707	726	926	1,003	1,028	1,981	1,707	726	926
63	Other foreign assets in the United States, net	747,582	299,038	203,580	1,254	243,710	106,280	175,369	298,423	202,441	1,007	245,711	105,855	174,151
64	Direct investment	130,796	44,204	52,241	14,455	19,896	16,648	2,184	43,589	51,102	14,208	21,897	16,223	966
65	U.S. Treasury securities	-7,670	-4,744	-14,685	-15,470	-27,229	-7,282	1,386	-4,744	-14,685	-15,470	-27,229	-7,282	1,386
66	U.S. securities other than U.S. Treasury securities	407,653	129,990	113,556	64,787	99,320	71,095	103,771	129,990	113,556	64,787	99,320	71,095	10

Table 2. U.S. Trade in Goods
[Millions of dollars]

Line	2001	Not seasonally adjusted						Seasonally adjusted						
		2001				2002		2001				2002		
		I	II	III	IV	I	II ^P	I	II	III	IV	I	II ^P	
A Balance of payments adjustments to Census trade data:														
EXPORTS														
1	Exports of goods, Census basis ¹ including reexports and including military grant shipments.....	729,100	195,262	190,280	169,954	173,604	166,472	178,177	195,638	187,478	175,936	170,048	167,310	175,346
Adjustments:														
2	Private gift parcel remittances.....	508	132	126	120	130	113	111	132	126	120	130	113	111
3	Gold exports, nonmonetary.....													
4	Inland U.S. freight to Canada.....													
5	U.S.-Canadian reconciliation adjustments, n.e.c., net ²													
6	Exports transferred under U.S. military agency sales contracts identified in Census documents ³	-7,935	-1,771	-2,080	-2,012	-2,072	-2,053	-1,853	-1,771	-2,080	-2,012	-2,072	-2,053	-1,853
7	Other adjustments, net ⁴	-2,911	-714	-679	-770	-748	-722	-928	-714	-679	-770	-748	-722	-928
8	Equals: Exports of goods, adjusted to balance of payments basis, excluding "military" (table 1, line 3).....	718,762	192,909	187,647	167,292	170,914	163,810	175,507	193,284	184,846	173,274	167,358	164,649	172,676
IMPORTS														
9	Imports of goods, Census basis ¹ (general imports).....	1,140,999	297,045	288,533	280,836	274,585	260,441	292,263	304,588	290,634	278,344	267,433	270,335	294,393
Adjustments:														
10	Electric energy.....	25	7	14	4		1	3	7	14	4		1	3
11	Gold imports, nonmonetary.....	2,221	1,012	1,198	5	6	6	150	1,012	1,198	5	6	6	150
12	Inland freight in Canada.....	3,609	950	956	863	840	893	989	950	956	863	840	893	989
13	U.S.-Canadian reconciliation adjustment, n.e.c., net ²													
14	Imports of U.S. military agencies identified in Census documents ³	-871	-225	-219	-195	-232	-136	-161	-225	-219	-195	-232	-136	-161
15	Other adjustments, net ^{5 6}	-56	-16	-19	5	-26	-26	-58	-16	-19	5	-26	-26	-58
16	Equals: Imports of goods, adjusted to balance of payments basis, excluding "military" (table 1, line 20).....	1,145,927	298,773	290,463	281,518	275,173	261,179	293,186	306,316	292,565	279,025	268,021	271,073	295,316
B Trade in goods, by area and country, adjusted to balance of payments basis, excluding military: ⁷														
EXPORTS														
1	Total, all countries (A-8).....	718,762	192,909	187,647	167,292	170,914	163,810	175,507	193,284	184,846	173,274	167,358	164,649	172,676
2	Western Europe.....	171,421	47,725	45,842	37,586	40,268	39,414	38,708	47,913	45,056	38,883	39,569	39,634	37,969
3	European Union.....	155,788	42,888	40,703	35,124	37,063	36,165	35,147	43,083	39,973	36,309	36,423	36,408	34,456
4	Belgium and Luxembourg.....	13,946	3,624	3,677	3,440	3,105	3,154	3,343	3,637	3,611	3,546	3,052	3,178	3,276
5	France.....	19,716	5,610	5,016	4,209	4,881	5,182	4,647	5,636	4,923	4,345	4,812	5,233	4,550
6	Germany ⁸	29,365	8,214	7,374	6,873	6,904	6,598	6,297	8,245	7,227	7,107	6,786	6,631	6,169
7	Italy.....	9,715	2,753	2,399	2,119	2,444	2,363	2,465	2,766	2,359	2,198	2,392	2,374	2,416
8	Netherlands.....	19,327	5,488	4,954	4,132	4,753	4,608	4,801	5,510	4,881	4,270	4,666	4,627	4,718
9	United Kingdom.....	39,701	10,338	11,301	9,268	8,794	8,265	8,323	10,391	11,083	9,580	8,647	8,344	8,155
10	Other.....	24,118	6,871	5,982	5,083	6,182	5,995	5,271	6,898	5,889	5,263	6,068	6,021	5,172
11	Western Europe, excluding EU.....	15,633	4,827	5,139	2,462	3,205	3,249	3,561	4,830	5,083	2,574	3,146	3,226	3,513
12	Canada ²	163,309	42,521	44,521	37,852	38,415	38,329	42,895	42,643	43,839	39,140	37,687	38,568	42,160
13	Japan.....	55,878	16,029	14,489	12,876	12,484	12,186	12,350	15,991	14,371	13,390	12,126	12,183	12,246
14	Australia, New Zealand, and South Africa ⁹													
15	Australia.....	10,597	2,698	2,640	2,574	2,685	2,830	3,220	2,706	2,587	2,661	2,643	2,853	3,151
16	Eastern Europe.....	6,804	1,679	1,842	1,595	1,688	1,519	1,641	1,674	1,837	1,661	1,632	1,530	1,621
17	Latin America and Other Western Hemisphere.....	158,973	41,167	40,440	38,780	38,586	34,669	37,784	41,268	39,823	40,128	37,754	34,950	37,195
18	Brazil.....	15,790	3,828	4,270	4,135	3,557	3,084	3,032	3,837	4,179	4,270	3,504	3,116	2,972
19	Mexico.....	101,181	26,642	25,263	24,366	24,910	22,512	24,957	26,733	24,885	25,195	24,368	22,731	24,561
20	Venezuela.....	5,600	1,369	1,464	1,401	1,366	1,105	1,183	1,370	1,442	1,451	1,337	1,117	1,157
21	Other.....	36,402	9,328	9,443	8,878	8,753	7,968	8,612	9,328	9,317	9,212	8,545	7,986	8,505
22	Other countries in Asia and Africa ^{7 9}	151,780	41,090	37,873	36,029	36,788	34,863	38,909	41,089	37,333	37,411	35,947	34,931	38,334
23	Asia ⁹	140,062	38,189	34,883	33,222	33,768	32,250	36,352	38,176	34,379	34,471	33,036	32,311	35,781
24	Members of OPEC.....	11,903	3,322	2,915	2,791	2,875	2,346	3,013	3,274	2,899	2,921	2,809	2,348	2,976
25	China.....	19,108	4,313	4,771	4,823	5,201	4,690	5,482	4,288	4,710	4,995	5,115	4,709	5,383
26	Hong Kong.....	13,943	3,572	3,700	3,503	3,188	2,932	3,221	3,563	3,649	3,631	3,100	2,940	3,174
27	Korea, Republic of.....	21,203	6,095	4,846	5,297	4,965	4,931	5,715	6,096	4,772	5,495	4,840	4,943	5,643
28	Singapore.....	17,337	4,575	4,166	4,228	4,368	4,102	4,040	4,595	4,079	4,374	4,289	4,112	3,955
29	Taiwan.....	17,394	5,086	4,341	4,131	3,836	3,811	4,737	5,103	4,280	4,267	3,724	3,812	4,668
30	Africa ^{7 9}	11,383	2,825	2,925	2,688	2,945	2,547	2,480	2,837	2,890	2,817	2,839	2,554	2,477
31	Members of OPEC.....	1,999	603	498	460	438	464	648	608	492	480	419	466	647
32	International organizations and unallocated.....													
Memoranda:														
33	Industrial countries ⁷	406,199	110,376	108,934	91,955	94,934	93,732	98,231	110,647	107,273	95,182	93,097	94,215	96,567
34	Of which: Euro area ¹⁰	111,049	30,941	28,153	24,763	27,192	26,654	25,709	31,072	27,660	25,598	26,719	26,812	25,207
35	Members of OPEC ⁷	19,502	5,294	4,877	4,652	4,679	3,915	4,844	5,252	4,833	4,852	4,565	3,931	4,780
36	Other countries ⁷	293,061	77,239	73,836	70,685	71,301	66,163	72,432	77,385	72,740	73,240	69,696	66,503	71,329

See the footnotes on page 66.

Table 2. U.S. Trade in Goods—Continued
(Millions of dollars)

Line	2001	Not seasonally adjusted						Seasonally adjusted						
		2001				2002		2001				2002		
		I	II	III	IV	I	II ^P	I	II	III	IV	I	II ^P	
B	Trade in goods, by principal end-use category, adjusted to balance of payments basis, excluding military—Continued:													
	IMPORTS													
37	Total, all countries (A-16)	1,145,927	298,773	290,463	281,518	275,173	261,179	293,186	306,316	292,565	279,025	268,021	271,073	295,316
38	Western Europe	241,030	62,993	62,521	56,568	58,948	55,245	62,474	64,612	62,994	56,043	57,381	57,377	62,929
39	European Union	219,492	56,779	55,952	52,156	54,605	51,173	56,824	58,275	56,391	51,674	53,152	53,172	57,241
40	Belgium and Luxembourg	10,462	2,835	2,719	2,313	2,595	2,438	2,663	2,903	2,737	2,295	2,527	2,531	2,683
41	France	30,372	8,170	7,640	6,855	7,707	6,944	6,984	8,355	7,705	6,786	7,526	7,216	7,035
42	Germany ⁹	59,035	15,051	15,374	14,617	13,993	13,557	15,283	15,454	15,489	14,464	13,828	14,093	15,393
43	Italy	23,768	6,200	5,939	5,803	5,826	5,468	6,035	6,367	5,983	5,739	5,679	5,683	6,082
44	Netherlands	9,455	2,404	2,472	2,157	2,422	2,174	2,585	2,464	2,491	2,138	2,362	2,261	2,602
45	United Kingdom	40,992	10,939	10,482	9,382	10,179	9,132	10,622	11,236	10,563	9,293	9,890	9,476	10,692
46	Other	45,418	11,180	11,326	11,029	11,883	11,460	12,652	11,496	11,423	10,959	11,540	11,912	12,754
47	Western Europe, excluding EU	21,538	6,214	6,569	4,412	4,343	4,072	5,650	6,337	6,603	4,369	4,229	4,205	5,688
48	Canada ²	218,735	59,327	57,910	51,090	50,408	51,195	55,427	60,800	58,256	50,566	49,113	53,129	55,821
49	Japan	126,485	34,603	31,138	29,997	30,747	28,593	29,851	35,540	31,377	29,690	29,878	29,731	30,074
50	Australia, New Zealand, and South Africa ⁹													
51	Australia	6,463	1,457	1,656	1,743	1,607	1,386	1,672	1,495	1,670	1,733	1,565	1,438	1,684
52	Eastern Europe	14,342	4,441	3,262	3,359	3,280	2,561	3,808	4,532	3,287	3,331	3,192	2,660	3,831
53	Latin America and Other Western Hemisphere	199,610	51,467	50,789	49,988	47,366	46,035	51,830	52,681	51,134	49,555	46,240	47,678	52,183
54	Brazil	14,467	3,612	3,526	3,849	3,480	3,241	3,805	3,700	3,548	3,811	3,408	3,367	3,834
55	Mexico	132,204	33,288	33,586	33,031	32,299	31,327	35,017	34,144	33,841	32,760	31,459	32,508	35,266
56	Venezuela	15,251	4,477	4,150	3,621	3,003	2,725	3,568	4,529	4,163	3,587	2,972	2,761	3,580
57	Other	37,688	10,090	9,527	9,487	8,584	8,742	9,440	10,308	9,582	9,397	8,401	9,042	9,503
58	Other countries in Asia and Africa ^{7,9}	339,262	84,485	83,187	88,773	82,817	76,164	88,124	86,656	83,847	88,107	80,652	79,060	88,794
59	Asia ^{7,9}	313,479	77,457	75,978	82,384	77,660	71,723	81,852	79,523	76,612	81,770	75,574	74,525	82,487
60	Members of OPEC	33,026	8,460	8,858	8,719	6,989	6,716	7,497	8,603	8,891	8,653	6,879	6,871	7,533
61	China	102,278	22,394	23,843	28,947	27,094	23,698	29,676	23,067	24,112	28,793	26,306	24,707	29,926
62	Hong Kong	9,648	2,350	2,289	2,755	2,254	2,028	2,202	2,416	2,309	2,738	2,185	2,112	2,220
63	Korea, Republic of	35,192	9,452	8,446	8,382	8,912	8,232	8,866	9,699	8,505	8,308	8,680	8,551	8,931
64	Singapore	15,038	4,182	3,766	3,490	3,600	3,441	3,531	4,295	3,793	3,454	3,496	3,577	3,556
65	Taiwan	33,382	8,792	8,493	8,194	7,903	7,252	8,270	9,014	8,560	8,117	7,691	7,542	8,336
66	Africa ^{7,9}	25,437	6,955	7,129	6,302	5,051	4,370	6,203	7,058	7,154	6,251	4,974	4,463	6,238
67	Members of OPEC	11,476	3,279	3,444	2,764	1,989	1,530	2,370	3,306	3,450	2,747	1,973	1,546	2,378
68	International organizations and unallocated													
	Memoranda:													
69	Industrial countries ⁷	599,353	160,048	155,106	141,048	143,151	137,747	151,128	164,156	156,191	139,664	139,342	143,052	152,225
70	Of which: Euro area ¹⁰	166,198	42,685	42,374	39,889	41,250	39,091	42,918	43,804	42,710	39,514	40,170	40,632	43,240
71	Members of OPEC ⁷	59,753	16,216	16,452	15,104	11,981	10,971	13,435	16,438	16,504	14,967	11,824	11,178	13,491
72	Other countries ⁷	486,821	122,509	118,905	125,366	120,041	112,461	128,623	125,722	119,870	124,374	116,855	116,843	129,600
	BALANCE (EXCESS OF EXPORTS +)													
73	Total, all countries	-427,165	-105,864	-102,816	-114,226	-104,259	-97,369	-117,679	-113,032	-107,719	-105,751	-100,663	-106,424	-122,640
74	Western Europe	-69,609	-15,268	-16,679	-18,982	-18,680	-15,831	-23,766	-16,699	-17,938	-17,160	-17,812	-17,743	-24,960
75	European Union	-63,704	-13,881	-15,249	-17,032	-17,542	-15,008	-21,677	-15,192	-16,418	-15,365	-16,729	-16,764	-22,785
76	Belgium and Luxembourg	3,384	789	958	1,127	510	716	680	734	874	1,251	525	647	593
77	France	-10,656	-2,560	-2,624	-2,646	-2,826	-1,762	-2,337	-2,719	-2,782	-2,441	-2,714	-1,993	-2,485
78	Germany ⁹	-29,670	-6,837	-8,000	-7,744	-7,089	-6,959	-8,966	-7,209	-8,262	-7,357	-6,842	-7,462	-9,224
79	Italy	-14,053	-3,447	-3,540	-3,684	-3,382	-3,105	-3,570	-3,601	-3,624	-3,541	-3,287	-3,309	-3,666
80	Netherlands	9,872	3,084	2,482	1,975	2,331	2,434	2,216	3,046	2,390	2,132	2,304	2,366	2,116
81	United Kingdom	-1,281	-601	819	-114	-1,385	-667	-2,299	-845	520	287	-1,243	-1,132	-2,537
82	Other	-21,300	-4,309	-5,344	-5,946	-5,701	-5,465	-7,381	-4,598	-5,534	-5,696	-5,472	-5,891	-7,582
83	Western Europe, excluding EU	-5,905	-1,387	-1,430	-1,950	-1,138	-823	-2,089	-1,507	-1,520	-1,795	-1,083	-979	-2,175
84	Canada ²	-55,426	-16,806	-13,389	-13,238	-11,993	-12,866	-12,532	-18,157	-14,417	-11,426	-11,426	-14,561	-13,661
85	Japan	-70,607	-18,574	-16,649	-17,121	-18,263	-16,407	-17,501	-19,549	-17,006	-17,006	-17,752	-17,548	-17,828
86	Australia, New Zealand, and South Africa ⁹													
87	Australia	4,134	1,241	984	831	1,078	1,444	1,548	1,211	917	928	1,078	1,415	1,467
88	Eastern Europe	-7,538	-2,762	-1,420	-1,764	-1,592	-1,042	-2,167	-2,858	-1,450	-1,670	-1,560	-1,130	-2,210
89	Latin America and Other Western Hemisphere	-40,637	-10,300	-10,349	-11,208	-8,780	-11,366	-14,046	-11,413	-11,311	-9,427	-8,486	-12,728	-14,988
90	Brazil	1,323	216	744	286	77	-157	-773	137	631	459	96	-251	-862
91	Mexico	-31,023	-6,646	-8,323	-8,665	-7,389	-8,815	-10,060	-7,411	-8,956	-7,565	-7,091	-9,777	-10,705
92	Venezuela	-9,651	-3,108	-2,686	-2,220	-1,637	-1,620	-2,385	-3,159	-2,721	-2,136	-1,635	-1,644	-2,423
93	Other	-1,286	-762	-84	-609	169	-774	-828	-980	-265	-185	144	-1,056	-998
94	Other countries in Asia and Africa ^{7,9}	-187,482	-43,395	-45,314	-52,744	-46,029	-41,301	-49,215	-45,567	-46,514	-50,696	-44,705	-44,129	-50,460
95	Asia ^{7,9}	-173,417	-39,268	-41,095	-49,162	-43,892	-39,473	-45,500	-41,347	-42,233	-47,299	-42,538	-42,214	-46,706
96	Members of OPEC	-21,123	-5,138	-5,943	-5,928	-4,114	-4,370	-4,484	-5,329	-5,992	-5,732	-4,070	-4,523	-4,557
97	China	-83,170	-18,081	-19,072	-24,124	-21,893	-19,008	-24,194	-18,779	-19,402	-23,798	-21,191	-19,998	-24,543
98	Hong Kong	4,295	1,222	1,411	748	914	904	1,019	1,147	1,340	893	915	828	954
99	Korea, Republic of	-13,989	-3,357	-3,600	-3,085	-3,947	-3,301	-3,151	-3,603	-3,733	-2,813	-3,840	-3,608	-3,288
100	Singapore	2,299	393	400	738	768	661	509	300	286	920	793	535	399
101	Taiwan	-15,988	-3,706	-4,152	-4,063	-4,067	-3,441	-3,533	-3,911	-4,280	-3,830	-3,967	-3,730	-3,668
102	Africa ^{7,9}	-14,054	-4,130	-4,204	-3,614	-2,106	-1,823	-3,723	-4,221	-4,264	-3,434	-2,135	-1,909	-3,761
103	Members of OPEC	-9,477	-2,676	-2,946	-2,304	-1,551	-1,066	-1,722	-2,698	-2,958	-2,267	-1,554	-1,080	-1,731
104	International organizations and unallocated													
	Memoranda:													
105	Industrial countries ⁷	-193,154	-49,672	-46,172										

Table 2. U.S. Trade in Goods—Continued
[Millions of dollars]

Line	2001	Not seasonally adjusted						Seasonally adjusted						
		2001				2002		2001				2002		
		I	II	III	IV	I	II P	I	II	III	IV	I	II P	
C	Trade in goods, by principal end-use category, adjusted to balance of payments basis, excluding military:													
1	718,762	192,909	187,647	167,292	170,914	163,810	175,507	193,284	184,846	173,274	167,358	164,649	172,676	
2	Agricultural products													
3	Nonagricultural products													
4	Foods, feeds, and beverages													
5	Agricultural													
6	Grains and preparations													
7	Wheat													
8	Corn													
9	Soybeans													
10	Meat products and poultry													
11	Vegetables, fruits, nuts, and preparations													
12	Other agricultural foods, feeds, and beverages													
13	Nonagricultural (fish, distilled beverages, etc.)													
14	Fish and shellfish													
15	Industrial supplies and materials													
16	Agricultural													
17	Raw cotton													
18	Tobacco, unmanufactured													
19	Hides and skins, including furskins													
20	Other agricultural industrial supplies													
21	Nonagricultural													
22	Energy products													
23	Fuels and lubricants													
24	Coal and related fuels													
25	Petroleum and products													
26	Paper and paper base stocks													
27	Textile supplies and related materials													
28	Chemicals, excluding medicinals													
29	Building materials, except metals													
30	Other nonmetals													
31	Metals and nonmetallic products													
32	Steelmaking materials													
33	Iron and steel products													
34	Nonferrous metals													
35	Nonmonetary gold													
36	Other precious metals													
37	Other nonferrous metals													
38	Other metals and nonmetallic products													
39	Capital goods, except automotive													
40	Machinery, except consumer-type													
41	Electric generating machinery, electric apparatus, and parts													
42	Nonelectric, including parts and attachments													
43	Oil drilling, mining, and construction machinery													
44	Industrial engines, pumps, and compressors													
45	Machine tools and metalworking machinery													
46	Measuring, testing, and control instruments													
47	Other industrial, agricultural, and service industry machinery													
48	Computers, peripherals, and parts													
49	Semiconductors													
50	Telecommunications equipment													
51	Other office and business machines													
52	Scientific, hospital, and medical equipment and parts													
53	Civilian aircraft, engines, and parts													
54	Civilian aircraft, complete, all types													
55	Other transportation equipment													
56	Automotive vehicles, engines, and parts													
57	To Canada													
58	Passenger cars, new and used													
59	Trucks, buses, and special purpose vehicles													
60	Engines and engine parts													
61	Other parts and accessories													
62	To other areas													
63	Passenger cars, new and used													
64	Trucks, buses, and special purpose vehicles													
65	Engines and engine parts													
66	Other parts and accessories													
67	Consumer goods (nonfood), except automotive													
68	Consumer nondurable goods, manufactured													
69	Medical, dental, and pharmaceutical preparations, including vitamins													
70	Consumer durable goods, manufactured													
71	Household and kitchen appliances and other household goods													
72	Unmanufactured consumer goods (gem stones, nursery stock)													
73	Exports, n.e.c.													

See the footnotes on page 66.

Table 2. U.S. Trade in Goods—Continued
[Millions of dollars]

Line	2001	Not seasonally adjusted						Seasonally adjusted						
		2001				2002		2001				2002		
		I	II	III	IV	I	II ^P	I	II	III	IV	I	II ^P	
C	Trade in goods, by principal end-use category, adjusted to balance of payments basis, excluding military—Continued:													
74	Imports of goods, balance of payments basis, excluding military (A-16)	1,145,927	298,773	290,463	281,518	275,173	261,179	293,186	306,316	292,565	279,025	268,021	271,073	295,316
75	Petroleum and products ⁶	103,588	28,848	28,494	25,834	20,412	18,962	27,079	29,164	28,545	25,634	20,245	19,165	27,152
76	Nonpetroleum products	1,042,339	269,925	261,969	255,684	254,761	242,217	266,107	277,152	264,020	253,391	247,776	251,908	268,164
77	Foods, feeds, and beverages	46,642	11,164	11,498	11,698	12,282	11,395	12,371	11,468	11,467	11,936	11,771	11,873	12,351
78	Agricultural	33,435	8,327	8,414	8,138	8,556	8,565	9,110	8,161	8,178	8,624	8,472	8,509	8,867
79	Coffee, cocoa, and sugar	2,307	649	513	588	557	531	584	558	509	644	596	472	581
80	Green coffee	1,356	378	381	324	273	281	362	311	375	367	303	241	359
81	Meat products and poultry	6,046	1,473	1,531	1,548	1,494	1,483	1,534	1,470	1,484	1,604	1,488	1,481	1,487
82	Vegetables, fruits, nuts, and preparations	9,415	2,773	2,472	1,910	2,260	2,869	2,616	2,330	2,296	2,408	2,381	2,448	2,434
83	Wine and related products	4,692	1,016	1,245	1,192	1,239	1,099	1,431	1,186	1,173	1,155	1,178	1,286	1,350
84	Other agricultural foods, feeds, and beverages	10,976	2,416	2,653	2,901	3,006	2,583	2,944	2,618	2,716	2,814	2,828	2,822	3,014
85	Nonagricultural (fish, distilled beverages, etc.)	13,207	2,837	3,084	3,560	3,726	2,830	3,261	3,307	3,289	3,312	3,299	3,364	3,484
86	Fish and shellfish	9,754	2,073	2,264	2,696	2,721	2,070	2,356	2,428	2,458	2,436	2,476	2,537	2,537
87	Whiskey and other alcoholic beverages	3,067	665	730	767	905	678	821	781	766	758	762	806	862
88	Industrial supplies and materials	276,115	77,828	73,674	66,239	58,374	57,070	69,661	77,926	73,012	66,255	58,922	57,870	68,767
89	Agricultural	5,312	1,364	1,355	1,273	1,320	1,256	1,397	1,320	1,305	1,372	1,315	1,256	1,340
90	Nonagricultural products	270,803	76,464	72,319	64,966	57,054	55,814	68,264	76,606	71,707	64,883	57,607	56,614	67,427
91	Energy products	124,876	37,306	34,092	29,875	23,603	22,695	30,952	37,215	34,505	29,811	23,345	22,724	31,231
92	Fuels and lubricants ⁶	122,114	36,307	33,074	29,309	23,424	22,433	30,673	35,881	33,485	29,523	23,225	22,342	30,946
93	Paper and paper base stocks	12,240	3,359	3,077	2,923	2,881	2,694	2,849	3,373	3,112	2,918	2,837	2,732	2,880
94	Textile supplies and related materials	10,314	2,642	2,737	2,510	2,425	2,461	2,887	2,693	2,602	2,528	2,491	2,546	2,739
95	Chemicals, excluding medicinals	34,048	9,674	8,707	7,856	7,811	7,826	8,667	9,128	8,573	8,222	8,125	7,512	8,498
96	Building materials, except metals	21,261	4,616	5,836	5,786	5,023	5,225	6,207	4,989	5,456	5,566	5,300	5,700	5,772
97	Other nonmetals	17,253	4,264	4,383	4,394	4,212	4,056	4,712	4,434	4,317	4,317	4,185	4,259	4,639
98	Metals and nonmetallic products	50,811	14,603	13,487	11,622	11,099	10,857	11,990	14,774	13,142	11,571	11,324	11,141	11,668
99	Steelmaking materials	2,236	554	612	558	512	439	641	607	565	525	539	475	596
100	Iron and steel products	16,708	4,162	4,248	4,172	4,126	4,204	4,038	4,322	4,111	4,077	4,198	4,393	3,919
101	Nonferrous metals	23,246	7,597	6,456	4,781	4,412	4,243	5,074	7,534	6,349	4,839	4,524	4,263	4,972
102	Nonmonetary gold	4,305	1,531	1,622	546	606	506	872	1,531	1,622	546	606	506	872
103	Other precious metals	6,063	2,615	1,521	1,103	824	743	1,074	2,569	1,530	1,141	823	750	1,080
104	Bauxite and aluminum	6,397	1,676	1,592	1,607	1,522	1,559	1,695	1,653	1,479	1,630	1,635	1,554	1,586
105	Other nonferrous metals	6,481	1,775	1,721	1,525	1,460	1,435	1,433	1,781	1,718	1,522	1,460	1,453	1,434
106	Other metallic and nonmetallic products	8,621	2,290	2,171	2,111	2,049	1,971	2,237	2,311	2,117	2,130	2,063	2,010	2,181
107	Capital goods, except automotive	297,992	82,650	74,896	69,978	70,468	66,994	71,638	84,621	75,369	69,930	68,072	69,339	72,285
108	Machinery, except consumer-type	264,502	74,234	66,532	61,851	61,885	59,443	64,782	76,178	67,061	61,757	59,506	61,702	65,486
109	Electric generating machinery, electric apparatus and parts	34,789	9,512	8,671	8,305	8,301	7,746	8,536	9,761	8,779	8,296	7,953	8,049	8,653
110	Nonelectric, including parts and attachments	229,713	64,722	57,861	53,546	53,584	51,697	56,246	66,417	58,282	53,461	51,553	53,653	56,833
111	Oil drilling, mining, and construction machinery	6,902	1,750	1,940	1,673	1,539	1,584	1,806	1,710	1,813	1,750	1,629	1,559	1,685
112	Industrial engines, pumps, and compressors	9,780	2,579	2,435	2,372	2,394	2,289	2,328	2,555	2,403	2,425	2,397	2,281	2,300
113	Machine tools and metalworking machinery	7,416	2,222	1,925	1,726	1,543	1,320	1,469	2,222	1,869	1,802	1,523	1,341	1,427
114	Measuring, testing, and control instruments	9,006	2,459	2,339	2,110	2,098	2,034	2,223	2,481	2,375	2,108	2,042	2,078	2,261
115	Other industrial, agricultural, and service industry machinery	47,478	12,948	12,244	11,083	11,203	10,981	12,393	12,983	11,883	11,439	11,173	11,075	12,038
116	Computers, peripherals, and parts	74,001	19,746	18,257	17,720	18,278	17,614	18,538	20,899	18,802	17,177	17,123	18,911	19,152
117	Semiconductors	30,422	10,531	7,581	6,291	6,019	6,298	6,708	10,561	7,766	6,306	5,789	6,311	6,919
118	Telecommunications equipment	24,632	7,302	6,247	5,698	5,385	4,961	5,886	7,652	6,332	5,620	5,028	5,285	5,997
119	Other office and business machines	4,864	1,390	1,221	1,123	1,130	973	1,048	1,400	1,251	1,140	1,073	992	1,078
120	Scientific, hospital, and medical equipment and parts	15,212	3,795	3,672	3,750	3,995	3,643	3,847	3,954	3,788	3,694	3,776	3,820	3,976
121	Transportation equipment, except automotive	33,490	8,416	8,364	8,127	8,583	7,551	6,856	8,443	8,308	8,173	8,566	7,637	6,799
122	Civilian aircraft, engines, and parts	31,358	7,739	7,831	7,644	8,144	7,158	6,337	7,766	7,775	7,690	8,127	7,245	6,280
123	Civilian aircraft, complete, all types	14,885	3,700	3,604	3,400	4,181	3,703	2,941	3,700	3,604	3,400	4,181	3,703	2,941
124	Automotive vehicles, engines, and parts	189,781	47,306	48,592	44,934	48,949	47,440	52,494	47,083	47,869	47,944	46,885	47,610	51,785
125	From Canada	57,865	14,843	15,847	12,832	14,343	14,804	16,175	14,354	15,040	14,556	13,915	14,550	15,303
126	Passenger cars, new and used	30,560	8,149	8,520	6,329	7,562	7,672	8,541	7,804	8,136	7,549	7,071	7,513	8,119
127	Trucks, buses, and special purpose vehicles	11,074	2,714	2,974	2,593	2,793	2,820	2,858	2,662	2,826	2,782	2,804	2,768	2,715
128	Engines and engine parts	3,447	852	953	789	853	909	971	826	864	880	877	895	880
129	Other parts and accessories	12,784	3,128	3,400	3,121	3,135	3,403	3,805	3,062	3,214	3,345	3,163	3,374	3,589
130	From other areas	131,916	32,463	32,745	32,102	34,606	32,636	36,319	32,729	32,829	33,388	32,970	33,060	36,482
131	Passenger cars, new and used	76,090	19,299	18,438	17,985	20,368	18,606	20,470	19,639	18,742	18,852	18,904	18,904	20,917
132	Trucks, buses, and special purpose vehicles	8,162	1,284	2,001	2,513	2,364	1,935	2,114	1,339	1,972	2,470	2,381	2,018	2,082
133	Engines and engine parts	10,345	2,668	2,652	2,453	2,572	2,596	2,973	2,634	2,613	2,561	2,537	2,596	2,923
134	Other parts and accessories	37,319	9,212	9,654	9,151	9,302	9,499	10,762	9,117	9,502	9,500	9,200	9,542	10,560
135	Consumer goods (nonfood), except automotive	284,486	67,418	68,701	76,390	71,977	65,698	73,631	72,545	71,818	70,465	69,658	71,358	76,847
136	Consumer nondurable goods, manufactured	136,625	33,249	33,299	37,583	32,494	32,258	34,297	34,487	34,623	34,109	33,406	33,713	35,443
137	Textile apparel and household goods, except rugs	62,983	15,616	14,708	18,256	14,403	13,982	14,349	16,397	15,968	15,504	15,114	14,773	15,487
138	Footwear of leather, rubber, and other materials	11,776	3,118	2,884	3,232	2,542	2,738	2,798	3,099	2,956	2,949	2,772	2,733	2,860
139	Consumer durable goods, manufactured	134,609	30,725	32,033	35,550	36,301	29,703	35,618	34,811	33,654	33,168	32,976	34,020	37,447
140	Household and kitchen appliances and other household goods	58,968	13,379	14,171	15,698	15,720	13,836	16,335	14,721	14,433	14,676	15,138	15,376	16,634
141	Toys, shooting, and sporting goods, including bicycles	21,885	4,522	4,680	6,389	6,294	4,174	5,197	5,692	5,38				

Table 3. Private Services Transactions
[Millions of dollars]

Line		2001	Not seasonally adjusted						Seasonally adjusted					
			2001				2002		2001				2002	
			I	II	III	IV	I ^r	II ^p	I	II	III	IV	I ^r	II ^p
1	Exports of private services	266,209	67,799	66,941	69,159	62,310	64,267	65,952	69,692	68,492	65,758	62,270	65,418	67,760
2	Travel (table 1, line 6)	73,119	18,299	20,276	20,628	13,916	15,056	17,605	20,735	19,803	17,845	14,736	17,038	17,200
3	Passenger fares (table 1, line 7)	18,007	4,639	4,788	5,100	3,480	3,842	4,156	5,007	4,849	4,522	3,629	4,171	4,209
4	Other transportation (table 1, line 8)	28,306	7,163	7,168	7,308	6,667	6,523	7,022	7,495	7,170	6,969	6,674	6,805	7,027
5	Freight	11,930	3,047	3,000	2,925	2,958	2,884	3,043	3,094	2,990	2,937	2,910	2,931	3,035
6	Port services	16,376	4,116	4,168	4,383	3,709	3,639	3,979	4,401	4,180	4,031	3,764	3,874	3,992
7	Royalties and license fees (table 1, line 9)	38,668	9,428	9,534	9,314	10,392	9,651	10,291	9,717	9,743	9,537	9,672	9,931	10,490
8	Affiliated	25,873	6,192	6,342	6,138	7,201	6,399	6,953	6,481	6,551	6,361	6,481	6,679	7,152
9	U.S. parents' receipts	23,502	5,688	5,668	5,669	6,277	6,020	6,508	5,908	5,968	5,827	5,799	6,258	6,615
10	U.S. affiliates' receipts	2,371	504	474	469	924	379	445	573	583	534	682	421	537
11	Unaffiliated	12,795	3,236	3,192	3,176	3,191	3,252	3,338	3,236	3,192	3,176	3,191	3,252	3,338
12	Industrial processes ¹	4,852	1,209	1,208	1,214	1,221	1,242	1,270	1,209	1,208	1,214	1,221	1,242	1,270
13	Other ²	7,943	2,027	1,984	1,962	1,970	2,009	2,068	2,027	1,984	1,962	1,970	2,009	2,068
14	Other private services (table 1, line 10)	108,109	28,270	25,175	26,809	27,855	29,195	26,878	26,738	26,927	26,886	27,559	27,473	28,834
15	Affiliated services	36,243	8,657	8,637	8,713	10,236	8,508	9,182	8,824	8,969	9,043	9,408	8,638	9,564
16	U.S. parents' receipts	21,237	5,028	5,263	5,154	5,792	4,841	5,241	5,208	5,288	5,360	5,381	5,011	5,262
17	U.S. affiliates' receipts	15,006	3,629	3,374	3,559	4,444	3,667	3,941	3,616	3,681	3,683	4,027	3,627	4,302
18	Unaffiliated services	71,866	19,613	16,538	18,096	17,619	20,687	17,696	17,914	17,958	17,843	18,151	18,835	19,270
19	Education	11,493	4,549	4,433	3,104	2,407	4,996	1,571	2,760	2,831	2,922	2,980	3,052	3,123
20	Financial services	15,209	4,043	3,940	3,531	3,695	3,770	3,828	4,047	3,935	3,535	3,692	3,767	3,817
21	Insurance, net	18	129	-13	-18	-79	91	128	129	-13	-18	-79	91	128
22	Premiums received	8,658	2,122	2,137	2,224	2,175	2,204	2,304	2,122	2,137	2,224	2,175	2,204	2,304
23	Losses paid	8,640	1,993	2,150	2,242	2,254	2,113	2,176	1,993	2,150	2,242	2,254	2,113	2,176
24	Telecommunications	4,796	1,209	1,201	1,194	1,192	1,277	1,351	1,209	1,201	1,194	1,192	1,277	1,351
25	Business, professional, and technical services	25,720	6,144	6,352	6,566	6,658	6,817	6,939	6,144	6,352	6,566	6,658	6,817	6,939
26	Other unaffiliated services ³	14,630	3,539	3,625	3,718	3,747	3,736	3,880	3,625	3,652	3,643	3,709	3,831	3,913
27	Imports of private services	192,305	48,420	55,410	42,322	46,153	48,625	55,471	52,577	53,287	38,567	47,877	52,442	53,574
28	Travel (table 1, line 23)	60,117	13,545	18,466	17,253	10,853	12,389	16,297	16,003	16,698	14,468	12,948	14,587	14,682
29	Passenger fares (table 1, line 24)	22,418	5,237	6,763	6,571	3,847	4,609	5,635	5,810	6,213	5,944	4,451	5,113	5,126
30	Other transportation (table 1, line 25)	38,823	10,064	10,057	9,608	9,094	8,457	9,631	10,521	10,130	9,178	8,997	8,858	9,747
31	Freight	25,667	6,756	6,626	6,191	6,094	5,585	6,422	7,094	6,681	5,878	6,015	5,881	6,522
32	Port services	13,156	3,308	3,431	3,417	3,000	2,872	3,209	3,427	3,449	3,300	2,982	2,977	3,225
33	Royalties and license fees (table 1, line 26)	16,359	3,990	3,939	3,956	4,474	4,653	4,422	4,097	4,038	4,113	4,110	4,764	4,522
34	Affiliated	13,008	3,190	3,112	3,105	3,601	3,240	3,272	3,297	3,211	3,262	3,237	3,351	3,372
35	U.S. parents' payments	2,026	497	494	517	518	507	581	497	494	517	518	507	581
36	U.S. affiliates' payments	10,982	2,693	2,618	2,588	3,083	2,733	2,691	2,800	2,717	2,745	2,719	2,844	2,791
37	Unaffiliated	3,351	800	827	851	873	1,413	1,150	800	827	851	873	1,413	1,150
38	Industrial processes ¹	1,815	439	448	458	470	483	497	439	448	458	470	483	497
39	Other ²	1,536	361	379	393	403	931	654	361	379	393	403	931	654
40	Other private services (table 1, line 27)	54,588	15,584	16,185	4,934	17,885	18,517	19,486	16,146	16,208	4,864	17,371	19,120	19,497
41	Affiliated services	28,410	6,492	6,934	7,178	7,806	7,056	7,180	6,935	6,958	7,273	7,244	7,529	7,196
42	U.S. parents' payments	13,467	3,183	3,341	3,311	3,632	2,977	3,439	3,417	3,372	3,384	3,294	3,194	3,477
43	U.S. affiliates' payments	14,943	3,309	3,593	3,867	4,174	4,079	3,741	3,518	3,586	3,889	3,950	4,335	3,719
44	Unaffiliated services	26,178	9,092	9,251	-2,244	10,079	11,461	12,306	9,211	9,250	-2,409	10,127	11,591	12,301
45	Education	2,378	449	591	777	561	499	657	568	590	612	608	630	652
46	Financial services	4,016	1,146	1,084	882	904	974	1,010	1,146	1,084	882	904	974	1,010
47	Insurance, net	4,906	3,818	3,859	-7,640	4,869	6,177	6,738	3,818	3,859	-7,640	4,869	6,177	6,738
48	Premiums paid	39,895	9,068	9,542	10,130	11,155	12,510	13,142	9,068	9,542	10,130	11,155	12,510	13,142
49	Losses recovered	34,989	5,250	5,684	17,770	6,286	6,333	6,403	5,250	5,684	17,770	6,286	6,333	6,403
50	Telecommunications	4,298	1,185	1,111	1,038	965	950	978	1,185	1,111	1,038	965	950	978
51	Business, professional, and technical services	10,040	2,367	2,474	2,562	2,638	2,714	2,773	2,367	2,474	2,562	2,638	2,714	2,773
52	Other unaffiliated services ³	540	127	132	138	143	147	149	127	132	138	143	147	149
Memoranda:														
53	Balance on goods (table 1, line 71)	-427,165	-105,864	-102,816	-114,226	-104,259	-97,369	-117,679	-113,032	-107,719	-105,751	-100,663	-106,424	-122,640
54	Balance on private services (line 1 minus line 27)	73,904	19,379	11,531	26,837	16,157	15,642	10,481	17,115	15,205	27,191	14,393	12,976	14,186
55	Balance on goods and private services (lines 53 and 54)	-353,261	-86,485	-91,285	-87,389	-88,102	-81,727	-107,198	-95,917	-92,514	-78,560	-86,270	-93,448	-108,454

See the footnotes on page 66.

Table 4. Selected U.S. Government Transactions
[Millions of Dollars]

Line		2001	Not seasonally adjusted					
			2001				2002	
			I	II	III	IV	I ^r	II ^p
A1	U.S. Government grants and transactions increasing Government assets, total	16,011	3,420	3,882	3,956	4,753	7,139	3,667
	By category							
2	Grants, net.....	11,652	2,426	2,526	2,916	3,785	6,277	3,126
3	U.S. Government current grants, net (table 1, line 36, with sign reversed).....	11,628	2,419	2,522	2,905	3,782	6,273	3,111
4	Financing military purchases ¹	1,784	326	337	391	730	3,506	586
5	Other grants.....	9,844	2,093	2,185	2,513	3,052	2,767	2,525
6	Cash contributions received from coalition partners for Persian Gulf operations.....							
7	Debt forgiveness (table 1, part of line 39, with sign reversed).....	25	8	4	11	2	5	15
8	Credits and other long-term assets (table 1, line 47, with sign reversed).....	4,431	1,094	1,330	1,011	996	853	565
9	Capital subscriptions and contributions to international financial institutions, excluding IMF.....	1,704	521	498	359	327	446	368
10	Credits repayable in U.S. dollars.....	2,727	573	832	652	669	408	197
11	Credits repayable in other than U.S. dollars.....	(*)				(*)		
12	Other long-term assets.....							
13	Foreign currency holdings and short-term assets, net (table 1, line 49 with sign reversed).....	-72	-100	26	30	-28	8	-24
14	Foreign currency holdings (excluding administrative cash holdings), net.....	4		2		3		
	Receipts from:							
15	Sales of agricultural commodities.....							
16	Interest.....	1		1		1		
17	Repayments of principal.....	3		1		2		
18	Reverse grants.....							
19	Other sources.....							
	Less currencies disbursed for:							
20	Grants and credits in the recipient's currency.....							
21	Other grants and credits.....							
22	Other U.S. Government expenditures.....							
23	Assets acquired in performance of U.S. Government guarantee and insurance obligations, net.....	44	13	30	29	-28	10	-22
24	Other assets held under Commodity Credit Corporation Charter Act, net.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)
25	Assets financing military sales contracts, net ²							
26	Other short-term assets (including changes in administrative cash holdings), net.....	-120	-113	-5	1	-3	-2	-2
	By program							
27	Capital subscriptions and contributions to international financial institutions, excluding IMF.....	1,704	521	498	359	327	446	368
28	Under Agricultural Trade Development and Assistance Act and related programs.....	1,585	317	313	342	613	291	295
29	Under Foreign Assistance Act and related programs.....	9,816	1,825	2,012	2,931	3,049	5,906	2,583
30	Under Export-Import Bank Act.....	1,679	446	772	93	369	230	116
31	Under Commodity Credit Corporation Charter Act.....	31	15	5	8	3	3	4
32	Under other grant and credit programs.....	1,313	410	288	224	392	266	303
33	Other foreign currency assets acquired (lines A16, A17, and A19).....	5		2		3		
34	Less foreign currencies used by U.S. Government other than for grants or credits (line A22).....							
35	Other (including changes in administrative cash holdings), net.....	-120	-113	-5	1	-3	-2	-2
	By disposition³							
36	Estimated transactions involving no direct dollar outflow from the United States.....	10,868	2,147	2,589	2,756	3,377	5,725	2,328
37	Expenditures on U.S. goods.....	4,289	814	1,299	796	1,380	4,023	720
38	Expenditures on U.S. services ⁴	3,889	767	872	1,002	1,248	1,174	984
39	Financing of military sales contracts by U.S. Government ⁵ (line C6).....	2,036	316	363	866	491	346	585
40	By long-term credits.....	517	2	29	476	11	6	4
41	By short-term credits ¹							
42	By grants ¹	1,518	315	334	390	480	341	581
43	U.S. Government grants and credits to repay prior U.S. Government credits ^{1,4}	505	179	24	61	241	141	32
44	U.S. Government long- and short-term credits to repay prior U.S. private credits ⁶ and other assets.....	170	71	32	49	19	46	9
45	Increase in liabilities associated with U.S. Government grants and transactions increasing Government assets (including changes in retained accounts) ⁷ (line C11).....	(*)	(*)	(*)	(*)	(*)	(*)	(*)
46	Less receipts on short-term U.S. Government assets (a) financing military sales contracts ¹ (b) financing repayment of private credits and other assets, and (c) financing expenditures on U.S. goods.....	21		2	17	3	5	3
47	Less foreign currencies used by U.S. Government other than for grants or credits (line A22).....							
48	Estimated dollar payments to foreign countries and international financial institutions.....	5,143	1,273	1,294	1,200	1,376	1,414	1,339
B1	Repayments on U.S. Government long-term assets, total (table 1, line 48)	3,873	1,071	573	1,118	1,111	994	553
2	Receipts of principal on U.S. Government credits.....	3,872	1,071	573	1,118	1,111	994	553
3	Under Agricultural Trade Development and Assistance Act and related programs.....	601	99	13	173	316	47	36
4	Under Foreign Assistance Act and related programs.....	1,662	486	251	553	373	509	246
5	Under Export-Import Bank Act.....	1,219	366	270	262	322	340	219
6	Under Commodity Credit Corporation Charter Act.....	218	65	37	75	42	91	50
7	Under other credit programs.....	172	56	2	56	59	6	2
8	Receipts on other long-term assets.....	(*)				(*)		
C1	U.S. Government liabilities other than securities, total, net increase (+) (table 1, line 60)	-1,882	-676	-791	89	-504	-790	-20
2	Associated with military sales contracts ²	-1,879	-674	-792	91	-504	-794	-22
3	U.S. Government cash receipts from foreign governments (including principal repayments on credits financing military sales contracts), net of refunds ¹	7,129	1,234	1,872	1,747	2,276	2,659	2,201
4	Less U.S. Government receipts from principal repayments.....	735	224	88	261	162	204	91
5	Less U.S. Treasury securities issued in connection with prepayments for military purchases in the United States.....	-1,912	-806	-289	-817		607	-400
6	Plus financing of military sales contracts by U.S. Government ⁵ (line A39).....	2,036	316	363	866	491	346	585
7	By long-term credits.....	517	2	29	476	11	6	4
8	By short-term credits ¹							
9	By grants ¹	1,518	315	334	390	480	341	581
10	Less transfers of goods and services (including transfers financed by grants for military purchases, and by credits) ^{1,2} (table 1, line 5).....	12,220	2,806	3,227	3,078	3,108	2,990	3,117
11	Associated with U.S. Government grants and transactions increasing Government assets (including changes in retained accounts) ⁷ (line A45).....	(*)	(*)	(*)	(*)	(*)	(*)	(*)
12	Associated with other liabilities.....	-4	-2	1	-2	-1	5	2
13	Sales of nuclear material by Department of Energy/U.S. Enrichment Corporation.....							
14	Sales of space launch and other services by National Aeronautics and Space Administration.....	(*)	(*)	2	-2	(*)	3	2
15	Other sales and miscellaneous operations.....	-4	-2	-1	-1	(*)	2	(*)

See the footnotes on page 66.

Table 5. Direct Investment: Income, Capital, Royalties and License Fees, and Other Private Services
 [Millions of dollars]

Line	(Credits +; debits -)	Not seasonally adjusted										Seasonally adjusted			
		2001		2001		2002		2001		2001		2002			
		I	II	III	IV	I ^r	II ^p	I	II	III	IV	I ^r	II ^p		
U.S. direct investment abroad:															
1	Income with current-cost adjustment, before deduction of withholding taxes (table 1, line 14)	125,996	35,713	33,217	30,084	26,982	28,946	31,326	35,270	33,078	30,211	27,436	28,679	31,145	
2	Earnings	121,922	34,721	32,243	28,973	25,985	27,823	30,227	34,277	32,104	29,100	26,438	27,556	30,046	
3	Distributed earnings	42,253	9,226	9,773	7,997	15,257	7,847	10,738	11,554	11,192	9,962	9,544	9,784	12,372	
4	Reinvested earnings	79,668	25,494	22,470	20,976	10,728	19,976	19,489	22,723	20,912	19,138	16,894	17,772	17,674	
5	Interest ¹	4,076	993	974	1,111	998	1,123	1,099	993	974	1,111	998	1,123	1,099	
6	U.S. parents' receipts	8,082	2,030	2,038	2,044	1,970	1,892	1,961	2,030	2,038	2,044	1,970	1,892	1,961	
7	U.S. parents' payments	-4,007	-1,038	-1,063	-934	-972	-769	-862	-1,038	-1,063	-934	-972	-769	-862	
8	Less: Current-cost adjustment	13,863	3,408	3,445	3,484	3,526	3,570	3,618	3,408	3,445	3,484	3,526	3,570	3,618	
9	Less: Withholding taxes	1,044	289	255	261	239	300	227	324	281	256	182	345	258	
10	Equals: Income without current-cost adjustment, after deduction of withholding taxes ²	111,089	32,016	29,517	26,339	23,217	25,076	27,481	31,539	29,353	26,471	23,727	24,765	27,269	
11	Petroleum	13,866	4,307	4,368	3,052	2,139	2,337	2,962	4,096	4,383	3,143	2,244	2,223	2,953	
12	Manufacturing	28,806	8,884	8,045	6,811	6,066	6,125	7,061	8,617	6,866	6,852	6,471	5,928	6,858	
13	Other	68,418	18,826	18,104	16,476	15,012	16,614	17,458	18,826	18,104	16,476	15,012	16,614	17,458	
14	Capital with current-cost adjustment (table 1, line 51)	-127,840	-26,285	-36,689	-43,562	-21,304	-31,483	-31,179	-23,514	-35,131	-41,724	-27,470	-29,280	-29,363	
15	Equity capital	-49,840	-7,082	-13,912	-17,803	-11,043	-9,507	-6,141	-7,082	-13,912	-17,803	-11,043	-9,507	-6,141	
16	Increases in equity capital ³	-70,785	-12,964	-20,720	-20,298	-16,803	-14,950	-8,532	-12,964	-20,720	-20,298	-16,803	-14,950	-8,532	
17	Decreases in equity capital ⁴	20,945	5,881	6,808	2,496	5,760	5,442	2,391	5,881	6,808	2,496	5,760	5,442	2,391	
18	Reinvested earnings	-79,668	-25,494	-22,470	-20,976	-10,728	-19,976	-19,489	-22,723	-20,912	-19,138	-16,894	-17,772	-17,674	
19	Intercompany debt	1,668	6,291	-307	-4,783	467	-2,001	-5,548	6,291	-307	-4,783	467	-2,001	-5,548	
20	U.S. parents' receivables	-4,045	5,571	-5,492	-4,757	633	-2,551	-6,861	5,571	-5,492	-4,757	633	-2,551	-6,861	
21	U.S. parents' payables	5,714	721	5,185	-26	-166	551	1,313	721	5,185	-26	-166	551	1,313	
22	Less: Current-cost adjustment (line 8 with sign reversed)	-13,863	-3,408	-3,445	-3,484	-3,526	-3,570	-3,618	-3,408	-3,445	-3,484	-3,526	-3,570	-3,618	
23	Equals: Capital without current-cost adjustment ²	-113,977	-22,877	-33,244	-40,078	-17,778	-27,913	-27,561	-20,106	-31,686	-38,240	-23,944	-25,710	-25,745	
24	Equity capital (line 15)	-49,840	-7,082	-13,912	-17,803	-11,043	-9,507	-6,141	-7,082	-13,912	-17,803	-11,043	-9,507	-6,141	
25	Petroleum	-4,079	-479	-1,231	-60	-2,309	-93	-572	-479	-1,231	-60	-2,309	-93	-572	
26	Manufacturing	-19,202	-3,449	-10,443	-1,779	-3,531	-6,189	-1,148	-3,449	-10,443	-1,779	-3,531	-6,189	-1,148	
27	Other	-26,559	-2,158	-2,238	-15,964	-5,203	-3,226	-4,421	-3,154	-2,238	-15,964	-5,203	-3,226	-4,421	
28	Reinvested earnings without current-cost adjustment (line 18 less line 22)	-65,805	-22,086	-19,025	-17,492	-7,202	-16,406	-15,871	-19,315	-17,437	-15,654	-13,368	-14,202	-14,056	
29	Petroleum	-7,250	-3,141	-2,877	-1,470	238	-1,319	-1,484	-2,523	-2,650	-1,409	-670	-839	-1,237	
30	Manufacturing	-16,125	-5,634	-3,725	-4,198	-2,568	-2,438	-3,350	-4,840	-3,186	-3,938	-4,160	-1,524	-2,603	
31	Other	-42,430	-13,311	-12,422	-11,825	-4,872	-12,648	-11,037	-11,952	-11,631	-10,307	-8,538	-11,839	-10,216	
32	Intercompany debt (line 19)	1,668	6,291	-307	-4,783	467	-2,001	-5,548	6,291	-307	-4,783	467	-2,001	-5,548	
33	Petroleum	-1,339	537	-3,029	823	330	-3,177	315	537	-3,029	823	330	-3,177	315	
34	Manufacturing	-1,054	5,338	227	-7,004	385	10,964	-4,593	5,338	227	-7,004	385	10,964	-4,593	
35	Other	4,061	416	2,495	1,398	-248	-9,787	-1,270	416	2,495	1,398	-248	-9,787	-1,270	
36	Royalties and license fees, before deduction of withholding taxes, net	21,476	5,191	5,374	5,152	5,759	5,513	5,927	5,411	5,474	5,310	5,281	5,751	6,034	
37	U.S. parents' receipts (table 1, part of line 9)	23,502	5,688	5,868	5,689	6,277	6,020	6,508	5,908	5,968	5,827	5,799	6,259	6,615	
38	U.S. parents' payments (table 1, part of line 26)	-2,026	-497	-494	-517	-518	-507	-581	-497	-494	-517	-518	-507	-581	
39	Other private services, before deduction of withholding taxes, net	7,770	1,845	1,922	1,843	2,160	1,864	1,802	1,791	1,916	1,922	2,087	1,817	1,785	
40	U.S. parents' receipts (table 1, part of line 10)	21,237	5,028	5,263	5,154	5,792	4,841	5,241	5,208	5,288	5,360	5,381	5,011	5,262	
41	U.S. parents' payments (table 1, part of line 27)	-13,467	-3,183	-3,341	-3,311	-3,632	-2,977	-3,439	-3,417	-3,372	-3,384	-3,294	-3,194	-3,477	
Foreign direct investment in the United States:															
42	Income with current-cost adjustment, before deduction of withholding taxes (table 1, line 31)	-23,401	-13,015	-6,022	-6,267	1,903	-6,629	-14,263	-13,021	-5,246	-6,303	1,166	-6,610	-13,474	
43	Earnings	-708	-7,535	-352	-695	7,874	-1,275	-8,676	-7,541	425	-730	7,136	-1,257	-7,887	
44	Distributed earnings	-20,405	-6,833	-2,946	-5,154	-5,472	-6,152	-2,396	-7,453	-3,308	-5,436	-4,209	-6,559	-2,825	
45	Reinvested earnings	19,697	-702	2,594	4,460	13,345	4,877	-6,280	-88	3,730	4,706	11,345	5,302	-5,062	
46	Interest ¹	-22,694	-5,480	-5,671	-5,573	-5,970	-5,353	-5,587	-5,480	-5,671	-5,573	-5,970	-5,353	-5,587	
47	U.S. affiliates' payments	-24,846	-5,998	-6,217	-6,150	-6,481	-5,731	-6,037	-5,998	-6,217	-6,150	-6,481	-5,731	-6,037	
48	U.S. affiliates' receipts	2,154	519	547	577	511	378	449	519	547	577	511	378	449	
49	Less: Current-cost adjustment	-6,361	-1,611	-1,591	-1,580	-1,579	-1,587	-1,605	-1,611	-1,591	-1,580	-1,579	-1,587	-1,605	
50	Less: Withholding taxes	-1,075	-424	-180	-243	-228	-319	-115	-445	-217	-242	-171	-335	-142	
51	Equals: Income without current-cost adjustment, after deduction of withholding taxes ²	-15,965	-10,980	-4,251	-4,444	3,710	-4,723	-12,543	-10,964	-3,437	-4,480	2,916	-4,667	-11,727	
52	Petroleum	-8,971	-3,516	-3,583	-2,360	488	-972	-1,872	-3,516	-3,583	-2,360	488	-972	-1,872	
53	Manufacturing	-3,177	-2,317	2,182	-2,962	-80	-2,691	-6,158	-2,301	2,996	-2,998	-875	-2,656	-5,342	
54	Other	-3,816	-5,147	-2,850	878	3,303	-1,059	-4,513	-5,147	-2,850	878	3,303	-1,059	-4,513	
55	Capital with current-cost adjustment (table 1, line 64)	130,796	44,204	52,241	14,455	19,896	16,648	2,184	43,589	51,102	14,208	21,897	16,223	966	
56	Equity capital	107,721	20,513	44,445	12,695	30,068	10,964	8,597	20,513	44,445	12,695	30,068	10,964	8,597	
57	Increases in equity capital ³	125,488	22,240	50,935	18,677	33,636	16,858	10,302	22,240	50,935	18,677	33,636	16,858	10,302	
58	Decreases in equity capital ⁴	-17,766	-1,727	-6,490	-5,981	-3,568	-5,894	-1,706	-1,727	-6,490	-5,981	-3,568	-5,894	-1,706	
59	Reinvested earnings	-19,697	702	-2,594	-4,460	-13,345	-4,877	6,280	88	-3,730	-4,706	-11,345	-5,302	5,062	
60	Intercompany debt	42,771	22,988	10,390	6,219	3,174	10,561	-12,693	22,988	10,390	6,219	3,174	10,561	-12,693	
61	U.S. affiliates' payables	31,871	9,626	11,358	7,643	3,244	11,364	-8,301	9,626	11,358	7,643	3,244	11,364	-8,301	
62	U.S. affiliates' receivables	10,901	13,362	-968	-1,424	-69	-803	-4,393	13,362	-968	-1,424	-69	-803	-4,393	
63	Less: Current-cost adjustment (line 49 with sign reversed)	6,361	1,611	1,591	1,580	1,579	1,587	1,605	1,611	1,591	1,580	1,579	1,587	1,605	
64	Equals: Capital without current-cost adjustment ²	124,435	42,593	50,650	12,875	18,317	15,061	579	41,978	49,511	12,628	20,318	14,636	-639	
65	Equity capital (line 56)	107,721	20,513	44,445	12,695	30,068	10,964	8,597	20,513	44,445	12,695	30,068	10,964	8,597	
66	Petroleum	4,146	477	481	99	3,089	203	177	477	481	99	3,089	203	177	
67	Manufacturing	24,866	6,274	7,695	5,721	5,176	2,889	7,002	6,274	7,695	5,721	5,176	2,889	7,002	
68	Other	78,709	13,762	36,269	6,875	21,803	7,872	1,417	13,762	36,269	6,875	21,803	7,872	1,417	
69	Reinvested earnings without current-cost adjustment (line 59 less line 63)	-26,058	-909	-4,185	-6,040	-14,924	-6,464	4,675	-1,523	-5,324	-6,286	-12,924	-6,889	3,457	
70	Petroleum	5,533	1,132</												

Table 6. Securities Transactions

(Millions of dollars)

Line	(Credits +; debits -)	2001	Not seasonally adjusted					
			2001				2002	
			I	II	III	IV	I ^r	II ^p
A1	Foreign securities, net U.S. purchases (-), (table 1, line 52 or lines 2 + 13 below)	-94,662	-26,895	-51,764	10,087	-26,090	2,047	-9,987
2	Stocks, net U.S. purchases	-106,810	-21,533	-55,718	-10,886	-18,673	1,473	-20,231
3	New issues in the United States	-4,583	-1,142	-2,591	-418	-432	-1,455	-1,544
4	Of which: Western Europe	(D)	(D)	(D)				(D)
5	Canada	(D)		(D)	-256			(D)
6	Latin America	(D)		(D)			(D)	
7	Transactions in outstanding stocks, net	-102,227	-20,391	-53,127	-10,468	-18,241	2,928	-18,687
8	Western Europe	-51,465	-7,797	-24,516	-9,234	-9,918	1,105	-11,335
9	Of which: United Kingdom	-27,413	-6,125	-1,742	-11,213	-11,817	194	-14,734
10	Canada	-2,687	225	-4,612	1,375	325	1,463	944
11	Japan	-19,867	-7,477	-10,370	-851	-1,069	163	-3,247
12	Other	-28,208	-5,342	-13,629	-1,658	-7,579	197	-5,049
13	Bonds, net U.S. purchases	12,148	-5,362	3,954	20,973	-7,417	574	10,244
14	New issues in the United States	-39,511	-8,325	-8,997	-9,895	-12,294	-6,012	-5,160
15	By issuer:							
16	Central governments and their agencies and corporations	(D)	-3,253	-2,087	(D)	-3,273	-2,555	-2,498
17	Other governments and their agencies and corporations ¹	(D)	-59	(D)		-798	(D)	(D)
18	Private corporations	-23,969	-4,813	-5,350	-5,583	-8,223	-2,854	-1,739
19	International financial institutions ²	(D)	-200	(D)	(D)		(D)	(D)
20	By area:							
21	Western Europe	(D)	-350	(D)	(D)	-2,455	(D)	(D)
22	Canada	-9,108	-923	-3,646	-2,331	-2,208	-897	(D)
23	Japan	(D)		(D)				
24	Latin America	-14,286	-4,763	-2,724	-3,585	-3,214	-2,276	-1,154
25	Other countries	-10,547	-2,089	-1,212	-2,829	-4,417	-1,745	-1,785
26	International financial institutions ²	(D)	-200	(D)	(D)		(D)	(D)
27	Redemptions of U.S.-held foreign bonds ³	33,441	7,422	6,162	8,880	10,977	4,720	8,281
28	Western Europe	9,774	1,372	2,382	1,031	4,989	1,462	2,163
29	Canada	6,240	1,571	1,436	1,131	2,102	924	1,994
30	Other countries	13,929	2,622	1,505	6,368	3,434	1,934	3,528
31	International financial institutions ²	3,498	1,857	839	350	452	400	596
32	Other transactions in outstanding bonds, net ³	18,218	-4,459	6,789	21,988	-6,100	1,866	7,123
33	Western Europe	-7,570	-11,438	-4,248	19,310	-11,194	4,309	-1,607
34	Of which: United Kingdom	-17,998	-13,845	-10,873	18,541	-11,821	1,387	-3
35	Canada	3,999	-247	4,472	137	-363	-1,159	1,287
36	Japan	147	-59	3,866	-689	-2,971	-3,133	2,877
37	Other	21,642	7,285	2,699	3,230	8,428	1,849	4,566
B1	U.S. securities, excluding Treasury securities and transactions of foreign official agencies, net foreign purchases (+), (table 1, line 66 or lines 2 + 10 below)	407,653	129,990	113,556	64,787	99,320	71,095	103,771
2	Stocks, net foreign purchases	119,453	39,932	34,204	12,331	32,986	24,975	11,423
3	By area:							
4	Western Europe	86,712	33,597	22,402	8,307	22,406	19,686	-896
5	Of which: Germany	8,282	3,730	1,047	1,047	2,180	1,211	-149
6	Switzerland	3,335	2,043	856	-1,067	1,503	1,578	147
7	United Kingdom	37,353	11,160	8,745	9,156	8,292	8,008	-1,207
8	Canada	11,708	4,370	3,161	1,825	2,352	6,440	2,149
9	Japan	6,660	-221	4,104	1,179	1,598	955	7,517
10	Other	14,373	2,186	4,537	1,020	6,630	-2,105	2,653
11	Corporate and other bonds, net foreign purchases	288,200	90,058	79,352	52,456	66,334	46,119	92,348
12	By type:							
13	New issues sold abroad by U.S. corporations	63,113	17,694	18,008	13,185	14,226	21,155	23,205
14	U.S. federally sponsored agency bonds, net	86,256	25,162	13,746	19,340	28,008	2,716	32,356
15	Other outstanding bonds, net	138,831	47,202	47,598	19,931	24,100	22,248	36,787
16	By area:							
17	Western Europe	180,957	61,127	53,510	30,498	35,822	21,755	46,020
18	Of which: Germany	10,762	3,327	2,834	1,264	3,337	1,601	563
19	Switzerland	5,701	2,681	1,678	766	576	136	1,956
20	United Kingdom	159,857	52,365	47,637	29,791	30,064	18,032	37,127
21	Canada	516	-44	1,348	-2,374	1,586	448	599
22	Japan	18,472	3,345	766	2,534	11,827	-4,626	15,230
23	Other countries	88,387	25,679	23,832	21,790	17,086	28,447	30,740
24	International financial institutions ²	-132	-49	-104	8	13	95	-241
Memoranda:								
Other foreign transactions in marketable, long-term U.S. securities included elsewhere in international transactions accounts:								
Foreign official assets in the United States (lines in table 9):								
1	U.S. Treasury marketable bonds (line A4)	9,974	3,142	-4,885	2,151	9,566	77	486
2	Other U.S. Government securities (line A6)	20,920	3,574	9,932	-216	7,630	7,296	6,548
3	U.S. corporate and other bonds (part of line A14)	3,755	1,033	567	623	1,532	2,003	1,412
4	U.S. stocks (part of line A14)	1,964	-30	461	1,358	175	-1,277	-486
5	Other foreign transactions in U.S. Treasury bonds and notes (table 9, line B4)	-16,281	-5,854	-15,386	-17,402	22,361	-9,301	-2,387

See the footnotes on page 66.

Table 7. Claims on and Liabilities to Unaffiliated Foreigners Reported by U.S. Nonbanking Concerns
 [Millions of dollars]

Line	(Credits +; increase in U.S. liabilities or decrease in U.S. assets. Debits -; decrease in U.S. liabilities or increase in U.S. assets.)	2001	Not seasonally adjusted						Amounts Outstanding June 30, 2002
			2001				2002		
			I	II	III	IV	I'	II'	
A1	Claims, total (table 1, line 53)	-14,358	-51,759	9,670	-9,479	37,210	65	-26,976	855,330
2	Financial claims	-19,624	-55,437	12,273	-11,475	35,015	-1,354	-26,976	824,868
3	<i>Denominated in U.S. dollars</i>	-25,564	-43,179	11,988	-19,380	25,007	1,651	-26,976	732,123
4	<i>Denominated in foreign currencies</i>	5,940	-12,258	285	7,905	10,008	-3,005		92,745
5	By type: Deposits ²	-19,118	-34,818	24,021	-27,796	19,475	7,224	-17,185	610,426
6	Financial intermediaries' accounts	3,038	-16,538	-12,079	13,878	17,777	-9,314	-9,791	198,889
7	Other claims ^{2,3}	-3,544	-4,081	331	2,443	-2,237	736		15,533
8	By area: Industrial countries ⁴	-34,693	-61,004	-4,973	-3,478	34,762	-29,729		495,940
9	Of which: United Kingdom	-22,042	-46,843	-7,603	6,844	25,560	-18,870		288,542
10	Canada	2,392	3,494	222	-3,160	1,836	1,108		8,737
11	Caribbean banking centers ⁵	19,950	6,958	17,174	-7,267	1,085	28,348	-33,796	309,308
12	Other	-4,881	-3,391	72	-730	-832	27	6,820	19,620
13	Commercial claims	5,266	3,678	-2,603	1,996	2,195	1,419		30,462
14	<i>Denominated in U.S. dollars</i>	3,943	3,132	-2,681	1,628	1,864	2,775		26,704
15	<i>Denominated in foreign currencies</i>	1,323	546	78	368	331	-1,356		3,758
16	By type: Trade receivables	5,518	4,146	-2,149	1,779	1,742	1,951		25,646
17	Advance payments and other claims	-252	-468	-454	217	453	-532		4,816
18	By area: Industrial countries ⁴	3,071	2,360	-1,532	1,256	987	1,159		18,966
19	Members of OPEC ⁶	440	163	-117	175	219	136		1,220
20	Other	1,755	1,155	-954	565	989	124		10,276
B1	Liabilities, total (table 1, line 68)	82,353	111,644	-5,307	-25,154	1,170	32,345	25,956	844,058
2	Financial liabilities	74,316	105,966	-5,886	-28,697	2,933	27,260	25,956	815,561
3	<i>Denominated in U.S. dollars</i>	72,603	90,382	6,960	-23,877	-862	21,516	25,956	765,564
4	<i>Denominated in foreign currencies</i>	1,713	15,584	-12,846	-4,820	3,795	5,744		49,997
5	By type: Financial intermediaries' accounts	-13,324	14,099	6,731	-22,994	-11,160	15,078	5,657	256,005
6	Other liabilities	87,640	91,867	-12,617	-5,703	14,093	12,182	20,299	559,556
7	By area: Industrial countries ⁴	49,120	92,203	-13,977	-21,829	-7,277	26,142		550,503
8	Of which: United Kingdom	18,326	77,624	-11,987	-21,238	-26,073	11,166		313,621
9	Caribbean banking centers ⁵	28,282	16,655	7,927	-4,531	8,231	1,787	1,995	222,503
10	Other	-3,086	-2,892	164	-2,337	1,979	-669	23,961	42,555
11	Commercial liabilities	8,037	5,678	579	3,543	-1,763	5,085		28,497
12	<i>Denominated in U.S. dollars</i>	9,347	5,956	1,060	3,492	-1,161	4,809		26,731
13	<i>Denominated in foreign currencies</i>	-1,310	-278	-481	51	-602	276		1,766
14	By type: Trade payables	-2,473	-1,812	732	-1,473	80	3,103		14,923
15	Advance receipts and other liabilities	10,510	7,490	-153	5,016	-1,843	1,982		13,574
16	By area: Industrial countries ⁴	8,289	5,121	538	2,661	-31	3,210		15,224
17	Members of OPEC ⁶	-327	563	-334	-18	-538	642		3,928
18	Other	75	-6	375	900	-1,194	1,233		9,345

See the footnotes on page 66.

Table 8. Claims on Foreigners Reported by U.S. Banks
 [Millions of dollars]

Line	(Credits +; decrease in U.S. assets. Debits -; increase in U.S. assets.)	2001	Not seasonally adjusted						Amounts Outstanding June 30, 2002
			2001				2002		
			I	II	III	IV	I ^r	II ^p	
1	Total (table 1, line 54)	-128,705	-113,914	-685	69,576	-83,682	727	-72,676	1,502,637
2	By type:								
	Banks' own claims.....	-142,744	-105,573	-21,087	40,345	-56,429	-9,895	-59,470	1,202,559
3	Payable in dollars.....	-119,395	-85,054	-15,565	29,207	-47,983	-5,149	-52,618	1,109,285
	By borrower:								
	Claims on:								
4	own foreign offices.....	-82,779	-44,336	-20,620	24,171	-41,994	-5,328	-44,053	795,215
5	unaffiliated foreign banks.....	-9,459	-10,766	10,194	-845	-8,042	5,667	2,551	92,344
6	foreign public borrowers ¹	-11,389	-11,494	-3,075	6,418	-3,238	-6,284	4,320	51,042
7	other private foreigners.....	-15,768	-18,458	-2,064	-537	5,291	796	-15,636	170,684
	By type of reporting institution: ²								
	U.S.-owned banks' claims on:								
8	own foreign offices.....	-32,435	-3,375	-3,222	-24,564	-1,274	7,489	-12,225	269,848
9	unaffiliated foreign banks.....	-16,620	-12,351	7,274	-2,669	-8,874	2,316	2,895	37,120
10	other foreigners.....	10,024	16,756	857	-16,341	8,752	-5,254	3,032	14,893
	Foreign-owned banks' claims on:								
11	own foreign offices.....	-50,344	-40,961	-17,398	48,735	-40,720	-12,817	-31,828	525,367
12	unaffiliated foreign banks.....	9,053	665	3,662	2,948	1,778	3,489	-2,815	39,238
13	other foreigners.....	-10,104	-21,513	-2,332	14,534	-793	-540	2,203	91,858
	Brokers' and dealers' claims on:								
14	unaffiliated foreign banks.....	-1,892	920	-742	-1,124	-946	-138	2,471	15,986
15	other foreigners.....	-27,077	-25,195	-3,664	7,688	-5,906	306	-16,351	114,975
16	Payable in foreign currencies.....	-23,349	-20,519	-5,522	11,138	-8,446	-4,746	-6,852	93,274
17	Banks' domestic customers' claims.....	14,039	-8,341	20,402	29,231	-27,253	10,622	-13,206	300,078
18	Payable in dollars.....	7,256	-11,647	20,440	28,971	-30,508	9,445	-13,655	284,073
19	Deposits.....	7,803	-10,974	17,667	22,119	-21,009	4,912	1,281	86,353
20	Foreign commercial paper ³	19,207	11,253	3,380	5,146	-572	746	-9,462	122,766
21	Other negotiable and readily transferable instruments ⁴	-16,665	-11,289	2,276	-4,707	-2,945	2,641	-6,432	61,241
22	Outstanding collections and other.....	-3,089	-637	-2,883	6,413	-5,962	1,146	958	13,713
23	Payable in foreign currencies.....	6,783	3,306	-38	260	3,255	1,177	449	16,005
	By area:								
24	Industrial countries ⁵	-84,748	-103,719	-15,780	75,376	-40,625	-26,629	-35,121	911,700
25	Western Europe.....	-63,296	-89,855	-18,107	69,952	-25,286	-26,682	-29,026	764,328
26	Of which: United Kingdom.....	-31,419	-30,154	-2,311	2,040	-994	10,247	-16,626	342,439
27	Canada.....	-18,901	-6,137	-6,018	2,504	-9,250	-2,419	-5,697	89,557
28	Japan.....	-5,119	-7,861	4,890	2,042	-4,190	2,294	14	43,993
29	Other.....	2,568	134	3,455	878	-1,899	178	-412	13,622
30	Caribbean banking centers ⁶	-42,409	-7,858	14,736	-3,233	-46,054	30,187	-30,352	429,054
31	Other areas.....	-1,548	-2,337	359	-2,567	2,997	-2,831	-7,203	161,883
32	Of which: Members of OPEC, included below ⁷	1,907	286	464	512	645	-2,370	-859	17,629
33	Latin America.....	7,529	2,847	2,003	-2,631	5,310	-493	-618	87,343
34	Asia.....	-8,644	-5,664	-239	-215	-2,526	-1,412	-7,228	65,861
35	Africa.....	214	39	-73	261	-13	58	-96	1,479
36	Other ⁸	-647	441	-1,332	18	226	-984	739	7,200
	Memoranda:								
1	International banking facilities' (IBF's) own claims, payable in dollars (lines 1-13 above).....	-25,429	-12,840	-18,786	31,183	-24,986	-2,996	-12,729	322,106
	By borrower:								
	Claims on:								
2	own foreign offices.....	-27,619	-15,552	-22,009	32,557	-22,615	-8,982	-15,112	258,751
3	unaffiliated foreign banks.....	-2,837	330	1,156	-943	-3,380	4,732	445	34,819
4	foreign public borrowers.....	1,414	353	468	138	455	-191	554	3,923
5	all other foreigners.....	3,613	2,029	1,599	-569	554	1,445	1,384	24,613
	By bank ownership: ²								
6	U.S.-owned IBF's.....	-27,817	2,737	-12,668	-7,042	-10,844	19,824	-1,569	74,295
7	Foreign-owned IBF's.....	2,388	-15,577	-6,118	38,225	-14,142	-22,820	-11,160	247,811
8	Banks' dollar acceptances payable by foreigners.....	1,660	1,255	-61	586	-120	449	-214	2,353
9	Resale agreements ⁹ (in lines 1 through 15 above).....			4,390	17,849	-25,505	22,432	-34,289	149,206

See the footnotes on page 66.

Table 9. Foreign Official Assets and Other Foreign Assets in the United States Reported by U.S. Banks
 [Millions of dollars]

Line	(Credits +; increase in foreign assets. Debits -; decrease in foreign assets.)	2001	Not seasonally adjusted						Amounts Outstanding June 30, 2002
			2001				2002		
			I	II	III	IV	I ^r	II ^p	
A1	Foreign official assets in the United States, net (table 1, line 55)	5,224	4,087	-20,831	16,882	5,086	7,641	47,062	1,073,908
	By type:								
2	U.S. Treasury securities (table 1, line 58)	10,745	-1,027	-20,798	15,810	16,760	-582	15,193	667,426
3	Bills and certificates	2,709	-3,806	-16,009	14,704	7,820	-407	14,866	176,178
4	Bonds and notes, marketable	9,974	3,142	-4,885	2,151	9,566	77	486	488,247
5	Bonds and notes, nonmarketable	-1,938	-363	96	-1,045	-626	-252	-159	3,001
6	Other U.S. Government securities (table 1, line 59)	20,920	3,574	9,932	-216	7,630	7,296	6,548	167,016
7	Other U.S. Government liabilities (table 1, line 60)	-1,882	-676	-791	89	-504	-790	-20	10,935
8	U.S. liabilities reported by U.S. banks, not included elsewhere (table 1, line 61)	-30,278	1,213	-10,202	-782	-20,507	991	24,415	148,531
9	Banks' liabilities for own account, payable in dollars ¹	-13,292	227	2,953	1,424	-17,896	-4,232	13,303	92,595
10	Demand deposits	-956	-433	-1,046	573	-50	-337	-944	1,707
11	Time deposits ¹	-15,940	-7,452	4,793	-755	-12,526	-5,825	820	14,466
12	Other liabilities ²	3,604	8,112	-794	1,606	-5,320	1,930	13,427	76,422
13	Banks' custody liabilities, payable in dollars ^{1,3}	-16,986	986	-13,155	-2,206	-2,611	5,233	11,112	55,936
14	Other foreign official assets (table 1, line 62)	5,719	1,003	1,028	1,981	1,707	726	926	80,000
	By area (see text table D)								
B1	Other foreign assets in the United States, net (table 1, lines 65 and 69)	102,997	10,889	40,318	-61,037	112,827	-18,333	36,275	1,728,455
	By type:								
2	U.S. Treasury securities (line 65)	-7,670	-4,744	-14,685	-15,470	27,229	-7,282	1,386	387,001
	By security:								
3	Bills and certificates	8,611	1,110	701	1,932	4,868	2,019	3,773	32,101
4	Marketable bonds and notes	-16,281	-5,854	-15,386	-17,402	22,361	-9,301	-2,387	354,900
5	U.S. liabilities reported by U.S. banks (line 69)	110,667	15,633	55,003	-45,567	85,598	-11,051	34,889	1,341,454
6	Banks' own liabilities ¹	96,630	25,743	36,939	-45,265	79,213	-6,882	28,368	1,193,850
7	Payable in dollars	76,454	7,327	16,560	-26,360	78,927	-8,345	19,562	1,100,622
	By account:								
8	Liabilities to own foreign offices	66,627	-17,548	9,561	-11,104	85,718	-11,358	18,305	792,397
	Liabilities to unaffiliated foreigners:								
9	demand deposits	1,338	1,159	-37	2,351	-2,135	3,176	-912	32,877
10	time deposits ¹	-16,238	2,445	-6,016	-1,324	-11,343	-7,227	-10,257	117,205
11	other liabilities ²	24,727	21,271	13,052	-16,283	6,687	7,064	12,426	158,143
	By holder:								
	Liabilities to:								
12	own foreign offices	66,627	-17,548	9,561	-11,104	85,718	-11,358	18,305	792,397
13	unaffiliated foreign banks	-13,211	15,720	-5,661	-4,789	-18,481	5,332	-9,336	118,490
14	other private foreigners	25,011	9,397	11,078	-10,063	14,599	-3,085	10,390	178,598
15	international financial institutions ⁴	-1,973	-242	1,582	-404	-2,909	766	203	11,137
	By type of reporting institution: ⁵								
	U.S.-owned banks' liabilities to:								
16	own foreign offices	41,645	-61,310	28,799	21,864	52,292	-43,005	21,567	385,312
17	unaffiliated foreign banks	11,872	3,478	10,995	230	-2,831	2,805	-5,153	41,976
18	other private foreigners and international financial institutions ⁴	-9,479	-8,028	-3,160	4,764	-3,055	-2,902	-3,695	25,712
	Foreign-owned banks' liabilities to:								
19	own foreign offices	24,982	43,762	-19,238	-32,968	33,426	31,647	-3,262	407,085
20	unaffiliated foreign banks	-25,949	7,110	-15,576	-3,973	-13,510	-4,949	-3,781	61,218
21	other private foreigners and international financial institutions ⁴	12,720	7,095	9,988	-6,347	1,984	515	1,220	81,587
	Brokers' and dealers' liabilities to:								
22	unaffiliated foreign banks	866	5,132	-1,080	-1,046	-2,140	7,476	-402	15,296
23	other private foreigners and international financial institutions ⁴	19,797	10,088	5,832	-8,884	12,761	68	13,068	82,436
24	Payable in foreign currencies	20,176	18,416	20,379	-18,905	286	1,463	8,806	93,228
25	Banks' custody liabilities, payable in dollars ^{1,3}	14,037	-10,110	18,064	-302	6,385	-4,169	6,521	147,604
26	Of which: Negotiable and readily transferable instruments	9,457	-12,071	15,821	-311	6,018	680	6,023	92,874
	By area:								
27	Industrial countries ⁶	35,339	9,834	30,515	-87,017	82,007	-5,875	-20,555	793,569
28	Western Europe	17,303	15,044	22,052	-83,867	64,074	-10,232	-12,356	517,960
29	Canada	-8,484	-5,807	1,526	-3,547	-856	-589	-1,313	36,487
30	Other	26,520	597	6,937	397	18,589	4,946	-5,886	239,122
31	Caribbean banking centers ⁷	44,424	2,328	3,345	17,595	21,156	-20,096	43,596	595,340
32	Other areas	23,234	-1,273	6,458	8,385	9,664	7,638	13,234	339,546
33	Of which: Members of OPEC, included below ⁸	-2,274	-1,871	-693	-1,580	1,597	1,030	41,524	
34	Latin America	9,080	-1,776	4,161	5,665	1,030	3,488	8,850	139,252
35	Asia	9,653	-2,256	-3,100	2,112	12,897	3,087	-1,518	136,658
36	Africa	-234	321	158	-332	-381	726	448	7,691
37	Other ⁹	4,735	2,438	5,239	940	-3,882	337	5,454	55,945
	Memoranda:								
1	International banking facilities' (IBFs) own liabilities, payable in dollars (in lines A9 and B7 above)	5,551	-23,791	18,932	-36,811	47,221	11,807	4,009	405,079
	By holder:								
	Liabilities to:								
2	own foreign offices	42,720	-21,232	19,132	-33,742	78,562	23,038	11,023	286,843
3	unaffiliated foreign banks	-19,470	3,796	-5,488	-4,157	-13,621	-6,271	-6,286	65,263
4	foreign official agencies	-14,109	-5,654	8,023	1,103	-17,581	-2,121	2,030	33,590
5	other private foreigners and international financial institutions ⁴	-3,590	-701	-2,735	-15	-139	-2,539	-2,758	19,383
	By bank ownership: ⁵								
6	U.S.-owned IBFs	36,261	-5,085	27,488	964	12,894	-19,356	4,039	69,460
7	Foreign-owned IBFs	-30,710	-18,706	-8,556	-37,775	34,327	31,163	-30	335,619
8	Negotiable certificates of deposit held for foreigners ¹ (in lines A13 and B15 above)	-13,772	-9,694	366	-1,656	-2,788	1,058	5,991	27,489
9	Repurchase agreements ¹⁰ (in lines A12 and B14 above)			-3,163	-15,399	39,628	-23,921	31,112	157,929

See footnotes on page 66.

Table 10. U.S. International
 [Millions]

Line	(Credits +, debits -) ¹	Western Europe						European Union ¹⁴			
		2001	2001				2002		2001	2001	
			I	II	III	IV	I ^r	II ^p		I	II
Current account											
1	Exports of goods and services and income receipts	397,085	110,234	105,129	92,153	89,569	87,531	90,304	354,145	97,947	92,857
2	Exports of goods and services	270,892	71,812	71,202	63,072	64,806	62,432	63,956	244,472	64,196	63,465
3	Goods, balance of payments basis ²	171,421	47,725	45,842	37,586	40,268	39,414	38,708	155,788	42,898	40,703
4	Services ³	99,471	24,087	25,360	25,486	24,538	23,018	25,248	88,684	21,298	22,762
5	Transfers under U.S. military agency sales contracts ⁴	3,603	990	1,042	803	768	677	851	2,420	567	691
6	Travel	22,557	5,206	6,292	6,439	4,620	4,179	5,400	20,555	4,696	5,718
7	Passenger fares	5,978	1,378	1,588	1,750	1,262	1,140	1,368	5,788	1,340	1,541
8	Other transportation	9,138	2,296	2,310	2,411	2,121	2,070	2,240	7,906	1,956	2,018
9	Royalties and license fees ⁵	18,133	4,442	4,516	4,249	4,926	4,529	4,861	16,333	4,053	4,149
10	Other private services ⁵	39,910	9,732	9,579	9,796	10,803	10,389	10,493	35,548	8,648	8,616
11	U.S. Government miscellaneous services	152	43	33	38	38	34	35	134	38	29
12	Income receipts	126,193	38,422	33,927	29,081	24,763	25,099	26,348	109,673	33,751	29,392
13	Income receipts on U.S.-owned assets abroad	126,033	38,383	33,887	29,041	24,722	25,058	26,307	109,525	33,715	29,355
14	Direct investment receipts	54,407	16,648	14,651	12,262	10,846	12,132	13,222	45,249	14,338	12,229
15	Other private receipts	70,600	21,450	19,035	16,511	13,604	12,662	12,999	63,360	19,124	16,949
16	U.S. Government receipts	1,026	285	201	268	272	264	177	916	253	177
17	Compensation of employees	160	39	40	40	41	41	41	148	36	37
18	Imports of goods and services and income payments	-460,387	-123,831	-127,150	-105,510	-103,896	-106,813	-121,918	-415,109	-110,838	-113,498
19	Imports of goods and services	-325,308	-83,705	-88,788	-72,612	-80,203	-76,608	-88,583	-293,212	-74,717	-78,787
20	Goods, balance of payments basis ²	-241,030	-62,993	-62,521	-56,568	-58,948	-55,245	-62,474	-219,492	-56,779	-55,952
21	Services ³	-84,278	-20,712	-26,267	-16,044	-21,255	-21,363	-26,109	-73,720	-17,938	-22,835
22	Direct defense expenditures	-8,662	-2,077	-2,091	-2,203	-2,291	-2,184	-2,226	-6,946	-1,656	-1,666
23	Travel	-20,901	-3,924	-7,364	-6,302	-3,311	-3,526	-6,381	-19,053	-3,661	-6,715
24	Passenger fares	-11,813	-2,555	-3,881	-3,685	-1,692	-2,283	-3,259	-10,677	-2,254	-3,510
25	Other transportation	-13,033	-3,385	-3,411	-3,210	-3,027	-2,745	-3,175	-10,568	-2,690	-2,753
26	Royalties and license fees ⁵	-8,390	-1,844	-1,970	-2,129	-2,447	-2,038	-2,186	-6,548	-1,434	-1,509
27	Other private services ⁵	-20,332	-6,641	-7,269	1,774	-8,196	-8,300	-8,580	-18,952	-6,000	-6,442
28	U.S. Government miscellaneous services	-1,147	-286	-281	-289	-291	-287	-302	-976	-243	-240
29	Income payments	-135,079	-40,126	-38,362	-32,898	-23,693	-30,205	-33,335	-121,897	-36,121	-34,711
30	Income payments on foreign-owned assets in the United States	-134,481	-39,972	-38,219	-32,758	-23,532	-30,040	-33,183	-121,376	-35,989	-34,585
31	Direct investment payments	-25,777	-10,298	-9,685	-6,763	969	-5,784	-8,912	-23,806	-9,635	-8,951
32	Other private payments	-86,257	-23,800	-22,793	-20,450	-19,214	-19,177	-19,315	-77,333	-21,040	-20,429
33	U.S. Government payments	-22,447	-5,874	-5,741	-5,545	-5,287	-5,079	-4,956	-20,237	-5,314	-5,205
34	Compensation of employees	-598	-154	-143	-140	-161	-165	-152	-521	-132	-126
35	Unilateral current transfers, net	-1,516	-394	-269	-427	-426	-561	-522	106	14	51
36	U.S. Government grants ⁴	-753	-187	-154	-217	-195	-209	-294	-17	-1	-1
37	U.S. Government pensions and other transfers	-1,583	-373	-356	-369	-393	-374	-374	-1,307	-326	-323
38	Private remittances and other transfers ⁶	820	166	241	159	254	41	146	1,430	341	375
Capital and financial account											
Capital account											
39	Capital account transactions, net	134	34	34	34	32	36	37	122	31	31
Financial account											
40	U.S.-owned assets abroad, net (increase/financial outflow (-))	-201,495	-174,285	-74,177	57,732	-10,765	-57,727	-57,511	-182,988	-143,413	-67,121
41	U.S. official reserve assets, net	-223	250	-164	-168	-141	-152	-129	-529	-124	-96
42	Gold ⁷										
43	Special drawing rights										
44	Reserve position in the International Monetary Fund										
45	Foreign currencies	-223	250	-164	-168	-141	-152	-129	-529	-124	-96
46	U.S. Government assets, other than official reserve assets, net	253	195	91	-203	170	260	126	244	135	16
47	U.S. credits and other long-term assets	-515	-13	-26	-476				-215	-12	-25
48	Repayments on U.S. credits and other long-term assets ⁸	791	237	111	273	170	259	115	472	161	40
49	U.S. foreign currency holdings and U.S. short-term assets, net	-23	-29	6				11	-13	-14	1
50	U.S. private assets, net	-201,525	-174,730	-74,104	58,103	-10,794	-57,835	-57,508	-182,703	-143,424	-67,041
51	Direct investment	-54,504	-9,462	-21,712	-17,162	-6,168	-8,857	-15,810	-46,597	-7,229	-20,939
52	Foreign securities	-52,503	-17,999	-26,588	10,662	-18,578	6,244	-12,635	-54,586	-18,960	-27,434
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	-31,208	-57,404	-7,699	-5,150	39,045	-28,544		-28,944	-52,898	-11,678
54	U.S. claims reported by U.S. banks, not included elsewhere	-63,310	-89,865	-18,105	69,753	-25,093	-26,678	-29,063	-52,576	-64,337	-6,990
55	Foreign-owned assets in the United States, net (increase/financial inflow(+))	450,172	242,920	131,744	-46,724	122,232	80,524	33,633	404,151	243,891	124,566
56	Foreign official assets in the United States, net	-3,184	-2,033	-3,444	6,359	-4,066	63	3,101	(18)	(18)	(18)
57	U.S. Government securities	(17)	(17)	(17)	(17)	(17)	(17)	(17)	(18)	(18)	(18)
58	U.S. Treasury Securities ⁹	(17)	(17)	(17)	(17)	(17)	(17)	(17)	(18)	(18)	(18)
59	Other ¹⁰	(17)	(17)	(17)	(17)	(17)	(17)	(17)	(18)	(18)	(18)
60	Other U.S. Government liabilities ¹¹	-1,051	-432	-438	-27	-154	-54	-105	-92	-72	-36
61	U.S. liabilities reported by U.S. banks, not included elsewhere	(17)	(17)	(17)	(17)	(17)	(17)	(17)	(18)	(18)	(18)
62	Other foreign official assets ¹²	(17)	(17)	(17)	(17)	(17)	(17)	(17)	(18)	(18)	(18)
63	Other foreign assets in the United States, net	453,356	244,953	135,188	-53,083	126,298	80,461	30,532	(18)	(18)	(18)
64	Direct investment	111,304	40,270	47,200	13,517	10,317	20,918	-1,513	59,069	29,178	47,597
65	U.S. Treasury securities	(17)	(17)	(17)	(17)	(17)	(17)	(17)	(18)	(18)	(18)
66	U.S. securities other than U.S. Treasury securities	267,669	94,724	75,911	38,805	58,229	41,440	45,125	257,027	89,537	74,047
67	U.S. currency										
68	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	56,851	95,037	-9,872	-21,559	-6,755	27,838		67,877	93,091	-3,692
69	U.S. liabilities reported by U.S. banks, not included elsewhere	(17)	(17)	(17)	(17)	(17)	(17)	(17)	(18)	(18)	(18)
70	Statistical discrepancy (sum of above items with sign reversed)	-183,993	-54,678	-35,311	2,742	-96,746	-2,990	55,977	-160,427	-87,632	-36,886
Memoranda:											
71	Balance on goods (lines 3 and 20)	-69,609	-15,268	-16,679	-18,982	-18,680	-15,831	-23,766	-63,704	-13,881	-15,249
72	Balance on services (lines 4 and 21)	15,193	3,375	-907	9,442	3,283	1,655	-861	14,964	3,360	-73
73	Balance on goods and services (lines 2 and 19)	-54,416	-11,893	-17,586	-9,540	-15,397	-14,176	-24,627	-48,740	-10,521	-15,322
74	Balance on income (lines 12 and 29)	-8,886	-1,704	-4,435	-3,817	1,070	-5,106	-6,987	-12,224	-2,370	-5,319
75	Unilateral current transfers, net (line 35)	-1,516	-394	-269	-427	-426	-561	-522	106	14	51
76	Balance on current account (lines 1, 18, and 35 or lines 73, 74, and 75) ¹³	-64,818	-13,991	-22,290	-13,784	-14,753	-19,843	-32,136	-60,858	-12,877	-20,590

See the footnotes on page 66.

Transactions, by Area
of dollars]

European Union ¹⁴				United Kingdom								European Union (6) ¹⁵								Line
2001		2002		2001	2001				2002				2001	2001				2002		
III	IV	I'	II ^P		I	II	III	IV	I'	II ^P	I	II		III	IV	I'	II ^P			
83,641	79,700	78,477	80,365	111,923	31,336	30,398	27,089	23,100	22,578	23,567	184,499	50,492	47,581	43,450	42,976	41,948	43,283	1		
58,105	58,706	56,916	57,878	69,375	17,532	18,837	16,849	16,157	14,702	15,555	132,115	35,182	33,585	31,490	31,858	31,497	31,928	2		
35,124	37,063	36,165	35,147	39,701	10,338	11,301	9,268	8,794	8,265	8,323	91,969	25,689	23,420	20,773	22,087	21,905	21,553	3		
22,981	21,643	20,751	22,731	29,674	7,194	7,536	7,581	7,363	6,437	7,232	40,146	9,493	10,165	10,717	9,771	9,592	10,375	4		
573	589	567	526	528	255	80	80	80	92	78	1,176	208	279	300	389	284	187	5		
5,882	4,259	3,770	4,908	9,191	1,971	2,503	2,563	2,154	1,583	2,149	7,941	1,889	2,232	2,372	1,448	1,517	1,916	6		
1,694	1,213	1,109	1,328	2,685	583	687	769	646	483	593	2,574	617	689	763	505	511	594	7		
2,102	1,830	1,793	1,944	1,904	479	498	504	423	413	461	4,064	1,000	1,028	1,103	933	931	1,018	8		
3,902	4,229	4,150	4,444	3,308	765	794	802	947	821	845	7,747	1,878	1,936	1,891	2,042	1,871	2,001	9		
8,795	9,489	9,332	9,550	12,027	3,130	2,966	2,823	3,108	3,041	3,102	16,564	3,880	3,985	4,267	4,432	4,458	4,637	10		
33	34	30	31	31	11	8	7	5	4	4	80	21	16	21	22	20	22	11		
25,536	20,994	21,561	22,487	42,548	13,804	11,561	10,240	6,943	7,876	8,012	52,384	15,310	13,996	11,960	11,118	10,451	11,355	12		
25,499	20,956	21,523	22,449	42,472	13,786	11,542	10,221	6,923	7,856	7,992	52,332	15,297	13,983	11,947	11,105	10,438	11,342	13		
10,243	8,439	9,697	10,586	12,051	4,558	3,399	3,086	1,018	2,454	2,526	26,085	7,537	6,978	5,586	5,984	5,534	6,513	14		
15,021	12,266	11,607	11,707	30,325	9,228	8,153	7,135	5,809	5,402	5,466	25,591	7,577	6,842	6,193	4,979	4,752	4,829	15		
235	251	219	156	96	76	18	19	19	20	20	656	183	163	168	142	152	152	16		
37	38	38	38	38	18	19	19	20	20	20	52	13	13	13	13	13	13	17		
-97,015	-93,758	-95,682	-108,669	-137,040	-37,284	-37,285	-31,292	-31,179	-31,993	-35,643	-209,943	-56,904	-58,926	-48,481	-45,632	-47,091	-54,162	18		
-66,701	-73,007	-69,563	-79,546	-64,655	-17,177	-17,464	-13,506	-16,508	-15,500	-17,989	-171,859	-43,884	-46,653	-38,859	-42,463	-40,271	-45,533	19		
-52,156	-54,605	-51,173	-56,824	-40,982	-10,939	-10,482	-9,382	-10,179	-9,132	-10,622	-133,092	-34,660	-34,144	-31,745	-32,543	-30,581	-33,550	20		
-14,545	-18,402	-18,390	-22,722	-23,673	-6,238	-6,982	-4,124	-6,329	-6,368	-7,367	-38,767	-9,224	-12,509	-7,114	-9,920	-9,690	-11,983	21		
-1,782	-1,842	-1,795	-1,836	-662	-161	-151	-185	-165	-156	-160	-5,760	-1,374	-1,402	-1,457	-1,527	-1,506	-1,541	22		
-5,616	-3,061	-3,290	-5,819	-5,990	-1,332	-1,808	-1,747	-1,103	-1,196	-1,566	-9,603	-1,811	-3,679	-2,621	-1,492	-1,627	-3,187	23		
-3,333	-1,580	-2,016	-2,949	-3,801	-869	-1,153	-1,137	-642	-771	-960	-4,709	-965	-1,693	-1,453	-598	-859	-1,413	24		
-2,635	-2,490	-2,256	-2,633	-2,416	-602	-639	-563	-520	-602	-519	-3,200	-1,320	-1,341	-1,309	-1,228	-1,116	-1,328	25		
-1,654	-1,951	-1,535	-1,717	-1,508	-356	-234	-401	-517	-367	-319	-4,045	-813	-1,014	-1,026	-1,192	-934	-1,161	26		
720	-7,230	-7,254	-7,509	-9,215	-2,898	-2,977	-21	-3,319	-3,340	-3,740	-8,676	-2,748	-3,189	946	-3,685	-3,452	-3,144	27		
-245	-248	-244	-259	-81	-20	-20	-21	-20	-18	-20	-776	-193	-191	-194	-198	-196	-209	28		
-30,314	-20,751	-26,119	-29,123	-72,385	-20,107	-19,821	-17,786	-14,671	-16,493	-17,654	-38,084	-13,020	-12,273	-9,622	-3,169	-6,820	-8,629	29		
-30,189	-20,613	-25,978	-28,989	-72,253	-20,074	-19,789	-17,754	-14,636	-16,457	-17,620	-37,739	-12,933	-12,189	-9,539	-3,078	-6,727	-8,539	30		
-6,556	1,336	-3,754	-6,964	-11,823	-4,037	-3,858	-3,171	-757	-2,181	-3,359	-9,197	-5,009	-4,720	-2,573	3,105	-655	-2,644	31		
-18,643	-17,221	-17,684	-17,621	-53,133	-14,306	-14,048	-12,737	-12,042	-12,361	-12,251	-19,634	-5,438	-5,171	-4,801	-4,224	-4,340	-4,361	32		
-4,990	-4,728	-4,540	-4,404	-7,297	-1,731	-1,883	-1,846	-1,837	-1,915	-2,010	-8,908	-2,486	-2,298	-2,165	-1,959	-1,732	-1,534	33		
-125	-138	-141	-134	-132	-33	-32	-32	-35	-36	-34	-345	-87	-84	-83	-91	-93	-90	34		
-5	46	-100	-172	1,561	393	398	368	402	320	333	-563	-154	-135	-146	-128	-193	-168	35		
-3	-12	-3	-131	-235	-58	-59	-61	-57	-58	-55	-712	-179	-174	-178	-181	-179	-190	36		
-329	-329	-331	-336	1,796	451	457	429	459	378	388	149	25	39	32	53	-14	25	38		
31	29	33	34	26	8	7	6	5	8	8	72	17	18	19	18	20	21	39		
15,238	12,308	-21,808	-52,917	-107,468	-100,997	-21,339	10,551	4,317	-8,151	-32,427	-80,176	-44,813	-51,769	64	16,342	-10,460	-19,698	40		
-168	-141	-152	-129								-187			-106	-81	-99	-84	41		
																		42		
																		43		
-168	-141	-152	-129								-187			-106	-81	-99	-84	44		
-3	96	155	46	54	-1	-1		56		14	-10	-13	3			1	16	46		
-178																		47		
175	96	155	40	56				56										48		
			6	-1	-1						14	-10	-13	3				49		
15,409	12,353	-21,811	-52,834	-107,522	-100,996	-21,338	10,551	4,261	-8,151	-32,441	-79,979	-44,800	-51,772	170	16,423	-10,362	-19,630	50		
-14,787	-3,642	-6,693	-12,955	-13,231	-5,019	-3,281	-6,080	1,149	-1,316	-1,522	-35,810	-4,946	-9,244	-9,244	-4,874	-4,010	-8,436	51		
9,585	-17,777	4,710	-13,029	-41,494	-19,920	-7,887	7,499	-21,186	1,534	-14,293	-17,782	-977	-20,648	2,249	1,594	1,344	925	52		
-2,988	38,620	-24,884	-21,378	-45,903	-7,859	7,092	25,292	-18,616	-13,058	-7,702	-6,052	-13,868	14,564	5,115	5,115			53		
23,599	-4,848	5,056	-26,850	-31,419	-30,154	-2,311	2,040	-994	10,247	-16,626	-13,329	-31,175	-8,326	21,033	5,139	-2,581	-12,119	54		
-21,447	57,141	21,010	45,988	237,383	174,897	38,939	-7,911	31,458	329	48,510	140,778	61,588	78,457	-14,625	15,358	11,737	-8,323	55		
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	56		
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	57		
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	58		
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	59		
62	-46	-49	132	-166	-156	22	-25	-7	-9	13	-316	12	-58	-125	-145	-75	63	60		
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	61		
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	62		
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	63		
11,280	-28,986	22,327	2,954	14,226	5,276	5,228	5,822	-2,100	3,109	-694	43,657	24,172	41,082	5,965	-27,562	15,966	2,980	64		
38,674	54,769	37,911	42,326	197,210	63,525	56,382	38,947	38,356	26,040											

Table 10. U.S. International
[Millions]

Line	(Credits +, debits -) ¹	Eastern Europe						Canada			
		2001	2001				2002		2001	2001	
			I	II	III	IV	I'	II'		I	II
Current account											
1	Exports of goods and services and income receipts	14,285	3,721	3,726	3,532	3,306	3,541	3,392	209,676	55,706	56,660
2	Exports of goods and services	11,102	2,799	2,938	2,721	2,644	2,656	2,681	187,757	49,275	50,679
3	Goods, balance of payments basis ²	6,804	1,679	1,842	1,595	1,688	1,519	1,641	163,309	42,521	44,521
4	Services ³	4,298	1,120	1,096	1,126	956	1,137	1,040	24,448	6,754	6,158
5	Transfers under U.S. military agency sales contracts ⁴	483	131	143	124	85	111	91	99	17	38
6	Travel	1,238	306	365	346	221	245	313	6,484	1,972	1,838
7	Passenger fares	58	18	16	13	11	16	13	1,668	587	411
8	Other transportation	271	60	74	68	69	56	58	2,212	549	605
9	Royalties and license fees ⁵	316	65	78	78	95	92	91	2,256	544	528
10	Other private services ⁵	1,875	526	403	480	466	609	463	11,657	3,066	2,719
11	U.S. Government miscellaneous services	57	14	17	17	9	8	11	72	19	19
12	Income receipts	3,183	922	788	811	662	885	711	21,919	6,431	5,981
13	Income receipts on U.S.-owned assets abroad	3,163	917	783	806	657	880	706	21,841	6,411	5,962
14	Direct investment receipts	1,259	359	364	292	244	367	328	11,773	3,505	3,364
15	Other private receipts	1,613	432	410	390	381	375	368	10,068	2,906	2,598
16	U.S. Government receipts	291	126	9	124	32	138	10			
17	Compensation of employees	20	5	5	5	5	5	5	78	20	19
18	Imports of goods and services and income payments	-19,686	-5,752	-4,807	-4,976	-4,351	-3,573	-5,118	-235,442	-64,065	-59,175
19	Imports of goods and services	-16,953	-4,938	-4,058	-4,222	-3,735	-3,029	-4,516	-237,166	-63,354	-62,783
20	Goods, balance of payments basis ²	-14,342	-4,441	-3,262	-3,359	-3,280	-2,561	-3,808	-218,735	-59,327	-57,910
21	Services ³	-2,611	-497	-796	-863	-455	-468	-708	-18,431	-4,027	-4,873
22	Direct defense expenditures	-152	-45	-30	-34	-43	-41	-40	-77	-23	-18
23	Travel	-1,164	-179	-381	-460	-144	-161	-330	-6,477	-1,030	-1,734
24	Passenger fares	-382	-64	-137	-127	-54	-56	-114	-684	-136	-193
25	Other transportation	-245	-51	-78	-55	-61	-51	-58	-3,298	-839	-856
26	Royalties and license fees ⁵	-76	-17	-17	-25	-17	-26	-24	-1,195	-239	-441
27	Other private services ⁵	-532	-126	-136	-145	-125	-118	-128	-6,479	-1,715	-1,559
28	U.S. Government miscellaneous services	-60	-15	-17	-17	-11	-15	-14	-221	-45	-72
29	Income payments	-2,933	-814	-749	-754	-616	-544	-602	1,724	-711	3,608
30	Income payments on foreign-owned assets in the United States	-2,851	-791	-731	-738	-591	-519	-582	2,100	-614	3,699
31	Direct investment payments	-267	-44	-55	-89	-79	-65	-94	7,737	970	5,136
32	Other private payments	-828	-248	-218	-222	-140	-117	-126	-3,974	-1,128	-992
33	U.S. Government payments	-1,756	-499	-458	-427	-372	-337	-362	-1,663	-456	-445
34	Compensation of employees	-82	-23	-18	-16	-25	-25	-20	-376	-97	-91
35	Unilateral current transfers, net	-3,432	-901	-817	-903	-811	-880	-787	-744	-200	-159
36	U.S. Government grants ⁴	-1,493	-399	-350	-395	-349	-362	-310			
37	U.S. Government pensions and other transfers	-59	-13	-13	-20	-13	-13	-11	-528	-130	-131
38	Private remittances and other transfers ⁶	-1,880	-489	-454	-488	-449	-505	-466	-216	-70	-28
Capital and financial account											
Capital account											
39	Capital account transactions, net	25	6	6	6	7	6	6	118	28	24
Financial account											
40	U.S.-owned assets abroad, net (increase/financial outflow (-))	-180	-940	794	-237	203	134	1,009	-32,180	-4,014	-13,029
41	U.S. official reserve assets, net										
42	Gold ⁷										
43	Special drawing rights										
44	Reserve position in the International Monetary Fund										
45	Foreign currencies										
46	U.S. Government assets, other than official reserve assets, net	140	75	-43	63	45	45	-22			
47	U.S. credits and other long-term assets	-89	-2	-46	-20	-21	-6	-40			
48	Repayments on U.S. credits and other long-term assets ⁸	229	77	3	83	66	51	18			
49	U.S. foreign currency holdings and U.S. short-term assets, net										
50	U.S. private assets, net	-320	-1,015	837	-300	158	89	1,031	-32,180	-4,014	-13,029
51	Direct investment	-1,629	-1,287	-193	-175	26	224	-496	-14,440	-2,108	-4,709
52	Foreign securities	1,601	885	183	57	476	465	358	-1,886	626	-2,422
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	140	183	23	-33	-33	35		3,047	3,605	120
54	U.S. claims reported by U.S. banks, not included elsewhere	-432	-796	824	-149	-311	-635	1,169	-18,901	-6,137	-6,018
55	Foreign-owned assets in the United States, net (increase/financial inflow (+))	11,331	2,787	7,509	4,755	-3,720	1,324	8,626	10,941	1,931	-85
56	Foreign official assets in the United States, net	(18)	(18)	(18)	(18)	(18)	(18)	(18)	-285	-1,992	1,163
57	U.S. Government securities	(18)	(18)	(18)	(18)	(18)	(18)	(18)			
58	U.S. Treasury Securities ⁹	(18)	(18)	(18)	(18)	(18)	(18)	(18)			
59	Other ¹⁰	(18)	(18)	(18)	(18)	(18)	(18)	(18)			
60	Other U.S. Government liabilities ¹¹	27	8		-3	22	31	61	2	6	-14
61	U.S. liabilities reported by U.S. banks, not included elsewhere	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(17)	(17)	(17)
62	Other foreign official assets ¹²	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(17)	(17)	(17)
63	Other foreign assets in the United States, net	(18)	(18)	(18)	(18)	(18)	(18)	(18)	11,226	3,923	-1,248
64	Direct investment	6,756	3,658	970	1,505	623	285	921	4,628	1,803	-3,691
65	U.S. Treasury securities	(18)	(18)	(18)	(18)	(18)	(18)	(18)			
66	U.S. securities other than U.S. Treasury securities	-1,227	-202	-156	-415	-454	-178	-393	12,224	4,326	4,509
67	U.S. currency										
68	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	-147	-171	-30	27	27	123		2,858	3,601	-3,592
69	U.S. liabilities reported by U.S. banks, not included elsewhere	¹⁸ 5,922	¹⁸ -506	¹⁸ 6,725	¹⁸ 3,641	¹⁸ -3,938	¹⁸ 1,063	¹⁸ 8,037	(17)	(17)	(17)
70	Statistical discrepancy (sum of above items with sign reversed)	-2,143	1,079	-6,411	-2,177	5,366	-552	-7,128	47,631	10,614	15,764
Memoranda:											
71	Balance on goods (lines 3 and 20)	-7,538	-2,762	-1,420	-1,764	-1,592	-1,042	-2,167	-55,426	-16,806	-13,389
72	Balance on services (lines 4 and 21)	1,687	623	300	263	501	669	332	6,017	2,727	1,285
73	Balance on goods and services (lines 2 and 19)	-5,851	-2,139	-1,120	-1,501	-1,091	-373	-1,835	-49,409	-14,079	-12,104
74	Balance on income (lines 12 and 29)	250	108	39	57	46	341	109	23,643	5,720	9,589
75	Unilateral current transfers, net (line 35)	-3,432	-901	-817	-903	-811	-880	-787	-744	-200	-159
76	Balance on current account (lines 1, 18, and 35 or lines 73, 74, and 75) ¹³	-9,033	-2,932	-1,898	-2,347	-1,856	-912	-2,513	-26,510	-8,559	-2,674

See the footnotes on page 66.

Table 10. U.S. International
[Millions]

Line	(Credits +, debits -) ¹	Australia						
		2001	2001				2002	
			I	II	III	IV	I'	II'
Current account								
1	Exports of goods and services and income receipts	20,419	5,259	5,295	4,920	4,945	5,295	5,770
2	Exports of goods and services	15,506	3,962	3,932	3,802	3,810	3,984	4,476
3	Goods, balance of payments basis ²	10,597	2,698	2,640	2,574	2,685	2,830	3,220
4	Services ³	4,909	1,264	1,292	1,228	1,125	1,154	1,256
5	Transfers under U.S. military agency sales contracts ⁴	195	44	87	37	27	42	68
6	Travel	1,424	365	403	367	289	293	346
7	Passenger fares	375	114	90	94	77	94	78
8	Other transportation	263	63	64	73	63	59	67
9	Royalties and license fees ⁵	722	182	174	179	187	182	199
10	Other private services ⁵	1,922	494	473	476	479	482	495
11	U.S. Government miscellaneous services	8	2	1	2	3	2	3
12	Income receipts	4,913	1,297	1,363	1,118	1,135	1,311	1,294
13	Income receipts on U.S.-owned assets abroad	4,909	1,296	1,362	1,117	1,134	1,310	1,293
14	Direct investment receipts	1,690	402	510	362	416	579	573
15	Other private receipts	3,219	894	852	755	718	731	720
16	U.S. Government receipts							
17	Compensation of employees	4	1	1	1	1	1	1
18	Imports of goods and services and income payments	-10,398	-2,694	-2,956	-2,165	-2,583	-2,369	-2,929
19	Imports of goods and services	-10,103	-2,385	-2,507	-2,846	-2,365	-2,254	-2,409
20	Goods, balance of payments basis ²	-6,463	-1,457	-1,656	-1,743	-1,607	-1,386	-1,672
21	Services ³	-3,640	-928	-851	-1,103	-758	-868	-737
22	Direct defense expenditures	-112	-16	-30	-23	-23	-24	-24
23	Travel	-1,542	-393	-339	-538	-272	-353	-294
24	Passenger fares	-754	-225	-152	-205	-172	-199	-126
25	Other transportation	-216	-56	-56	-58	-46	-57	-50
26	Royalties and license fees ⁵	-82	-16	-21	-23	-22	-20	-20
27	Other private services ⁵	-902	-214	-226	-248	-214	-206	-213
28	U.S. Government miscellaneous services	-32	-8	-7	-8	-9	-9	-10
29	Income payments	-295	-309	-449	681	-218	-115	-520
30	Income payments on foreign-owned assets in the United States	-274	-304	-444	686	-212	-109	-515
31	Direct investment payments	918	54	-112	956	20	104	-291
32	Other private payments	-692	-223	-203	-149	-117	-116	-123
33	U.S. Government payments	-500	-135	-129	-121	-115	-97	-101
34	Compensation of employees	-21	-5	-5	-5	-6	-6	-5
35	Unilateral current transfers, net	-338	-86	-81	-84	-87	-77	-75
36	U.S. Government grants ⁴							
37	U.S. Government pensions and other transfers	-47	-11	-12	-12	-12	-13	-12
38	Private remittances and other transfers ⁶	-291	-75	-69	-72	-75	-64	-63
Capital and financial account								
Capital account								
39	Capital account transactions, net	4	1	1	1	1	1	.
Financial account								
40	U.S.-owned assets abroad, net (increase/financial outflow (-))	-1,346	1,220	-2,413	1,300	-1,453	-2,330	-1,646
41	U.S. official reserve assets, net							
42	Gold ⁷							
43	Special drawing rights							
44	Reserve position in the International Monetary Fund							
45	Foreign currencies							
46	U.S. Government assets, other than official reserve assets, net							
47	U.S. credits and other long-term assets							
48	Repayments on U.S. credits and other long-term assets ⁸							
49	U.S. foreign currency holdings and U.S. short-term assets, net							
50	U.S. private assets, net	-1,346	1,220	-2,413	1,300	-1,453	-2,330	-1,646
51	Direct investment	424	968	-527	-245	228	-2,473	-312
52	Foreign securities	-3,296	-43	-2,024	-1,420	191	-202	-395
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	-1,323	-30	-3,239	2,414	-468	-827	
54	U.S. claims reported by U.S. banks, not included elsewhere	2,849	325	3,377	551	-1,404	1,172	-939
55	Foreign-owned assets in the United States, net (increase/financial inflow(+))	-797	-402	2,773	-2,263	-905	5,481	1,137
56	Foreign official assets in the United States, net	(18)	(18)	(18)	(18)	(18)	(18)	(18)
57	U.S. Government securities	(18)	(18)	(18)	(18)	(18)	(18)	(18)
58	U.S. Treasury securities ⁹	(18)	(18)	(18)	(18)	(18)	(18)	(18)
59	Other ¹⁰	(18)	(18)	(18)	(18)	(18)	(18)	(18)
60	Other U.S. Government liabilities ¹¹	92	20	-33	49	56	35	4
61	U.S. liabilities reported by U.S. banks, not included elsewhere	(18)	(18)	(18)	(18)	(18)	(18)	(18)
62	Other foreign official assets ¹²	(18)	(18)	(18)	(18)	(18)	(18)	(18)
63	Other foreign assets in the United States, net	(18)	(18)	(18)	(18)	(18)	(18)	(18)
64	Direct investment	3,649	454	2,573	1,176	-554	760	211
65	U.S. Treasury securities	(18)	(18)	(18)	(18)	(18)	(18)	(18)
66	U.S. securities other than U.S. Treasury securities	-2,154	-264	-719	-1,066	-105	2,152	887
67	U.S. currency							
68	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	653	230	576	-230	77	122	
69	U.S. liabilities reported by U.S. banks, not included elsewhere	¹⁸ -3,037	¹⁸ -842	¹⁸ 376	¹⁸ -2,192	¹⁸ -379	¹⁸ 2,412	¹⁸ 35
70	Statistical discrepancy (sum of above items with sign reversed)	-7,544	-3,298	-2,619	-1,709	82	-6,001	-2,258
Memoranda:								
71	Balance on goods (lines 3 and 20)	4,134	1,241	984	831	1,078	1,444	1,548
72	Balance on services (lines 4 and 21)	1,269	336	441	125	367	286	519
73	Balance on goods and services (lines 2 and 19)	5,403	1,577	1,425	956	1,445	1,730	2,067
74	Balance on income (lines 12 and 29)	4,618	988	914	1,799	917	1,196	774
75	Unilateral current transfers, net (line 35)	-338	-86	-81	-84	-87	-77	-75
76	Balance on current account (lines 1, 18, and 35 or lines 73, 74, and 75) ¹³	9,683	2,479	2,258	2,671	2,275	2,849	2,766

See the footnotes on page 66.

Transactions, by Area—Continued
of dollars]

2001	Other countries in Asia and Africa						International organizations and unallocated ¹⁶								Line
	2001				2002		2001	2001				2002			
	I	II	III	IV	I ^r	II ^p		I	II	III	IV	I ^r	II ^p		
235,495	63,747	58,534	57,736	55,478	56,348	59,907	33,146	8,380	8,343	8,172	8,251	8,305	8,295	1	
207,985	55,808	51,511	51,128	49,538	49,517	52,586	5,843	1,488	1,493	1,410	1,452	1,404	1,440	2	
151,780	41,090	37,873	36,029	36,788	34,863	38,909								3	
56,205	14,718	13,638	15,099	12,750	14,654	13,677	5,843	1,488	1,493	1,410	1,452	1,404	1,440	4	
6,562	1,268	1,562	1,775	1,947	1,904	1,747								5	
11,846	2,756	3,538	3,723	1,829	2,211	3,037								6	
1,626	432	482	459	253	355	414								7	
9,506	2,446	2,365	2,448	2,247	2,243	2,393	529	137	125	134	133	119	120	8	
4,854	1,206	1,185	1,196	1,267	1,199	1,297	2,047	498	505	495	549	513	545	9	
21,516	6,529	4,430	5,415	5,142	6,678	4,725	3,267	853	863	781	770	772	775	10	
305	81	76	83	65	64	64								11	
27,510	7,939	7,023	6,608	5,940	6,831	7,321	27,303	6,892	6,850	6,762	6,799	6,901	6,855	12	
27,426	7,918	7,002	6,587	5,919	6,809	7,299	25,407	6,421	6,378	6,287	6,321	6,416	6,367	13	
17,156	5,121	4,370	4,131	3,534	4,528	5,082	15,309	3,818	3,820	3,808	3,863	3,951	3,902	14	
9,081	2,523	2,382	2,157	2,019	1,965	2,011	9,468	2,415	2,401	2,334	2,318	2,356	2,331	15	
1,189	274	250	299	366	316	206	630	188	157	145	140	109	134	16	
84	21	21	21	21	22	22	1,896	471	472	475	478	485	488	17	
-413,178	-104,512	-102,009	-106,862	-99,795	-93,837	-106,795	-14,987	-4,022	-3,767	-3,660	-3,538	-4,154	-3,804	18	
-379,180	-94,652	-93,515	-98,671	-92,342	-86,183	-98,925	-2,794	-750	-811	-605	-628	-1,109	-861	19	
-339,262	-84,485	-83,187	-88,773	-82,817	-76,164	-88,124								20	
-39,918	-10,167	-10,328	-9,898	-9,525	-10,019	-10,801	-2,794	-750	-811	-605	-628	-1,109	-861	21	
-4,511	-1,006	-940	-1,026	-1,539	-1,793	-1,976								22	
-10,474	-2,821	-3,091	-2,545	-2,017	-2,534	-2,677								23	
-4,891	-1,270	-1,312	-1,298	-1,011	-1,123	-1,090								24	
-12,216	-3,128	-3,072	-3,053	-2,963	-2,717	-3,099	-1,556	-463	-435	-326	-332	-273	-332	25	
-263	-64	-66	-63	-70	-58	-61	-819	-200	-197	-199	-223	-752	-446	26	
-6,771	-1,674	-1,646	-1,711	-1,740	-1,592	-1,701	-416	-86	-178	-79	-73	-83	-83	27	
-792	-204	-201	-202	-185	-202	-197	-3	-1	-1	-1	-1	-1	-1	28	
-33,998	-9,860	-8,494	-8,191	-7,453	-7,654	-7,870	-12,193	-3,272	-2,956	-3,055	-2,910	-3,045	-2,943	29	
-33,258	-9,645	-8,339	-8,056	-7,218	-7,416	-7,702	-12,193	-3,272	-2,956	-3,055	-2,910	-3,045	-2,943	30	
192	70	57	-35	100	-142	-343	-7,436	-2,035	-1,771	-1,823	-1,807	-1,906	-1,720	31	
-10,218	-3,746	-2,501	-2,269	-1,702	-1,703	-1,769	-3,187	-827	-788	-841	-731	-769	-846	32	
-23,232	-5,969	-5,895	-5,752	-5,616	-5,571	-5,590	-1,570	-410	-397	-391	-372	-370	-377	33	
-740	-215	-155	-135	-235	-238	-168								34	
-18,424	-4,286	-4,047	-4,774	-5,317	-8,369	-4,774	-7,949	-1,721	-1,717	-1,483	-3,028	-1,810	-1,713	35	
-6,459	-1,074	-1,296	-1,626	-2,463	-5,015	-1,877	-802	-253	-195	-140	-214	-169	-151	36	
-539	-154	-129	-128	-128	-128	-132	-2,070	-267	-90	-157	-1,556	-413	-130	37	
-11,426	-3,058	-2,622	-3,020	-2,726	-3,226	-2,765	-5,077	-1,201	-1,432	-1,186	-1,258	-1,228	-1,432	38	
117	33	32	25	27	31	18								39	
-19,163	-12,398	-6,620	3,003	-3,148	-8,254	-9,217	-18,022	-618	-6,248	-7,532	-3,624	-3,812	2,608	40	
							-4,230	385	-1,171	-3,387	-57	543	-1,714	41	
														42	
							-630	-189	-156	-145	-140	-109	-107	43	
							-3,600	574	-1,015	-3,242	83	652	-1,607	44	
														45	
157	245	-514	340	86	88	155	-1,292	-355	-377	-336	-224	-304	-258	46	
-2,019	-475	-809	-117	-618	-444	-161	-1,292	-355	-377	-336	-224	-304	-258	47	
2,049	582	324	467	676	535	301								48	
127	138	-29	-10	28	-3	15								49	
-19,320	-12,643	-6,106	2,663	-3,234	-8,342	-9,372	-12,500	-648	-4,700	-3,809	-3,343	-4,051	4,580	50	
-12,027	-4,124	-4,313	-1,222	-2,368	-5,210	-2,413	-13,679	-3,273	-3,198	-3,508	-3,700	-3,539	-3,739	51	
3,513	-632	-216	2,028	2,333	-385	1,577	1,017	1,056	117	-395	239	403	110	52	
-2,013	-1,618	-934	1,454	-915	-874		2	2	-2	1	1		6,820	53	
-8,793	-6,269	-643	403	-2,284	-1,873	-8,536	160	1,567	-1,617	93	117	-915	1,389	54	
53,044	24,860	-7,799	19,566	16,417	21,864	28,061	33,947	4,901	8,059	10,922	10,065	3,016	38,719	55	
(18)	(18)	(18)	(18)	(18)	(18)	(18)	19		1	10	8	13		56	
(18)	(18)	(18)	(18)	(18)	(18)	(18)								57	
(18)	(18)	(18)	(18)	(18)	(18)	(18)								58	
(18)	(18)	(18)	(18)	(18)	(18)	(18)								59	
-552	-140	-156	72	-326	-701	116	19		1	10	8	13		60	
(18)	(18)	(18)	(18)	(18)	(18)	(18)								61	
(18)	(18)	(18)	(18)	(18)	(18)	(18)								62	
(18)	(18)	(18)	(18)	(18)	(18)	(18)	33,928	4,901	8,058	10,912	10,057	3,003	38,719	63	
-1,307	-708	381	-203	-777	-497	891	6,361	1,611	1,591	1,580	1,579	1,587	1,605	64	
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	65	
44,727	16,621	9,082	10,314	8,710	9,518	7,911	-103	92	-217	-2	24	63	-257	66	
							23,783	2,311	2,772	8,203	10,497	4,525	7,183	67	
-598	77	1,294	-1,382	-587	268		73	22	51			30	23,961	68	
¹⁸ 10,774	¹⁸ 9,010	¹⁸ -18,398	¹⁸ 10,765	¹⁸ 9,397	¹⁸ 13,276	¹⁸ 19,143	¹⁸ 3,814	¹⁸ 865	¹⁸ 3,861	¹⁸ 1,131	¹⁸ -2,043	¹⁸ -3,202	¹⁸ 6,227	69	
162,109	32,556	61,909	31,306	36,338	32,217	32,800	-26,135	-6,920	-4,670	-6,419	-8,126	-1,545	-44,105	70	
-187,482	-43,395	-45,314	-52,744	-46,029	-41,301	-49,215								71	
16,287	4,551	3,310	3,225	4,635	2,876		3,049	738	682	805	824	295	579	72	
-171,195	-38,844	-42,004	-47,543	-42,804	-36,666	-46,339	3,049	738	682	805	824	295	579	73	
-6,488	-1,921	-1,471	-1,583	-823	-549		15,110	3,620	3,894	3,707	3,889	3,856	3,912	74	
-18,424	-4,286	-4,047	-4,774	-5,317	-8,369	-4,774	-7,949	-1,721	-1,717	-1,483	-3,028	-1,810	-1,713	75	
-196,107	-45,051	-47,522	-53,900	-49,634	-45,858	-51,662	10,210	2,637	2,859	3,029	1,685	2,341	2,778	76	

Footnotes to U.S. International Transactions Tables 1-10

General notes for all tables: * Preliminary. † Revised. ‡ Less than \$500,000 (+/-) § Suppressed to avoid disclosure of data of individual companies.

Table 1:

1. Credits, +: Exports of goods and services and income receipts; unilateral current transfers to the United States; capital account transactions receipts; financial inflows—increase in foreign-owned assets (U.S. liabilities) or decrease in U.S.-owned assets (U.S. claims).

2. Debits, -: Imports of goods and services and income payments; unilateral current transfers to foreigners; capital account transactions payments; financial outflows—decrease in foreign-owned assets (U.S. liabilities) or increase in U.S.-owned assets (U.S. claims).

3. Excludes exports of goods under U.S. military agency sales contracts identified in Census export documents, excludes imports of goods under direct defense expenditures identified in Census import documents, and reflects various other adjustments (for valuation, coverage, and timing) of Census statistics to balance of payments basis; see table 2.

4. Includes some goods: Mainly military equipment in line 5; major equipment, other materials, supplies, and petroleum products purchased abroad by U.S. military agencies in line 22; and fuels purchased by airline and steamship operators in lines 8 and 25.

5. Includes transfers of goods and services under U.S. military grant programs.

6. Beginning in 1982, these lines are presented on a gross basis. The definition of exports is revised to exclude U.S. parents' payments to foreign affiliates and to include U.S. affiliates' receipts from foreign parents. The definition of imports is revised to include U.S. parents' payments to foreign affiliates and to exclude U.S. affiliates' receipts from foreign parents.

7. Beginning in 1982, the "other transfers" component includes taxes paid by U.S. private residents to foreign governments and taxes paid by private nonresidents to the U.S. Government.

8. At the present time, all U.S. Treasury-owned gold is held in the United States.

9. Includes sales of foreign obligations to foreigners.

10. Consists of bills, certificates, marketable bonds and notes, and nonmarketable convertible and nonconvertible bonds and notes.

11. Consists of U.S. Treasury and Export-Import Bank obligations, not included elsewhere, and of debt securities of U.S. Government corporations and agencies.

12. Includes, primarily, U.S. Government liabilities associated with military agency sales contracts and other transactions arranged with or through foreign official agencies; see table 4.

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 of the SURVEY OF CURRENT BUSINESS. A reconciliation of the other foreign transactions in the two sets of accounts appears in table 4.5 of the full set of NIPA tables in the August issue of the SURVEY.

14. Additional footnotes for historical data in July issues of the SURVEY:

14. For 1974, includes extraordinary U.S. Government transactions with India. See "Special U.S. Government Transactions," June 1974 SURVEY, p. 27.

15. For 1978-83, includes foreign currency-denominated notes sold to private residents abroad.

16. Break in series. See Technical Notes in the June 1989-90, 1992-95, and July 1996-2001 issues of the SURVEY.

Table 2:

1. Exports, Census basis, represent transactions values, f.a.s. U.S. port of exportation, for all years; imports, Census basis, represent Customs values (see Technical Notes in the June 1982 SURVEY), except for 1974-81, when they represent transactions values, f.a.s. foreign port of exportation (see July issues of the SURVEY for historical data).

2. From 1983 forward, both unadjusted and seasonally adjusted data have been prepared by BEA from "actual" and "revised statistical" monthly data supplied by the Census Bureau (see Technical Notes in the December 1985 SURVEY).

3. Seasonally adjusted data reflect the application of seasonal factors developed jointly by Census and BEA. The seasonally adjusted data are the sum of seasonally adjusted five-digit end-use categories (see Technical Notes in the June 1980 SURVEY, in the June 1988 SURVEY, and in the June 1991 SURVEY). Prior to 1983, annual data are as published by the Census Bureau, except that for 1975-80 published Census data are adjusted to include trade between the U.S. Virgin Islands and foreign countries.

4. Adjustments in lines A5 and A13, B12, B48, and B84 reflect the Census Bureau's reconciliation of discrepancies between the goods statistics published by the United States and the counterpart statistics published in Canada. These adjustments are distributed to the affected end-use categories in section C. Beginning in 1986, estimates for undocumented exports to Canada, the largest item in the U.S.-Canadian reconciliation, are included in Census basis data shown in line A1.

5. Exports of military equipment under U.S. military agency sales contracts with foreign governments (line A6), and direct imports by the Department of Defense and the Coast Guard (line A14), to the extent such trade is identifiable from Customs declarations. The exports are included in tables 1 and 10, line 5 (transfers under U.S. military agency sales contracts); the imports are included in tables 1 and 10, line 22 (direct defense expenditures).

6. Addition of electrical energy; deduction of exposed motion picture film for rental rather than sale; net change in stock of U.S.-owned grains in storage in Canada; coverage adjustments for special situations in which shipments were omitted from Census data; deduction of the value of repairs and alterations to foreign-owned equipment shipped to the United States for repair; and the inclusion of fish exported outside of U.S. customs area. Also includes deduction of exports to the Panama Canal Zone before October 1, 1979, and for 1975-82, net timing adjustments for goods recorded in Census data in one period but found to have been shipped in another (see July issues of the SURVEY for historical data).

7. Coverage adjustments for special situations in which shipments were omitted from Census data; the deduction of the value of repairs and alterations to U.S.-owned equipment shipped abroad for repair; and the adjustment of software imports to market value. Also includes addition of understatement of inland freight in f.a.s. values of U.S. imports of goods from Canada in 1974-81; deduction of imports from the Panama Canal Zone before October 1, 1979; and for 1975-82, net timing adjustments for goods recorded in Census data in one period but found to have been shipped in another (see July issues of the SURVEY for historical data).

8. For 1988-89, correction for the understatement of crude petroleum imports from Canada.

9. Annual and unadjusted quarterly data shown in this table correspond to country and area data in table 10, lines 3 and 20. Trade with international organizations includes purchases of nonmonetary gold from the International Monetary Fund, transfers of tin to the International Tin Council (ITC), and sales of satellites to Intelsat. The memoranda are defined as follows: *Industrial countries:* Western Europe, Canada, Japan, Australia, New Zealand, and South Africa; *Members of OPEC:* Venezuela, Ecuador, Iraq, Iran, Kuwait, Saudi Arabia, Qatar, United Arab Emirates, Indonesia, Algeria, Libya, Nigeria, and Gabon (Excludes Ecuador beginning in January 1993 and Gabon beginning in January 1995.); *Other countries:* Eastern Europe, Latin America and Other Western Hemisphere, and other countries in Asia and Africa, less OPEC. Before 1984, complete geographic area detail was not available for some balance of payments adjustments. Therefore, the detail shown does not always sum to the values shown for the area aggregates. For all years, "Asia" and "Africa" exclude certain Pacific Islands and unidentified countries included in "Other countries in Asia and Africa."

10. Includes the former German Democratic Republic (East Germany) beginning in fourth quarter of 1990. In earlier periods, the German Democratic Republic was included in Eastern Europe.

11. Beginning in 1986, New Zealand and South Africa are included in "Other countries in Asia and Africa," with New Zealand included as part of "Asia" and South Africa as part of "Africa."

12. The "Euro area," which formed in January 1999, includes Austria, Belgium, Finland, France, Germany, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain, and from January 2001, Greece.

Table 3:

1. Includes royalties, license fees, and other fees associated with the use of intangible assets, including patents, trade secrets, and other proprietary rights, that are used in connection with the production of goods.

2. Includes royalties, license fees, and other fees associated with the use of 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 international 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.

Table 4:

1. Expenditures to release foreign governments from their contractual liabilities to pay for military goods and ser-

vices purchased through military sales contracts—first authorized (for Israel) under Public Law 93-199, section 4, and subsequently authorized (for many recipients) under similar legislation—are included in line A4. Deliveries against these military sales contracts are included in line C10; see footnote 2. Of the line A4 items, part of these military expenditures is applied in lines A43 and A46 to reduce short-term assets previously recorded in lines A41 and C8; this application of funds is excluded from lines C3 and C4. A second part of line A4 expenditures finances future deliveries under military sales contracts for the recipient countries and is applied directly to lines A42 and C9. A third part of line A4, disbursed directly to finance purchases by recipient countries from commercial suppliers in the United States, is included in line A37. A fourth part of line A4, representing dollars paid to the recipient countries to finance purchases from countries other than the United States, is included in line A48.

2. Transactions under military sales contracts are those in which the Department of Defense sells and transfers military goods and services to a foreign purchaser, on a cash or credit basis. Purchases by foreigners directly from commercial suppliers are *not* included as transactions under military sales contracts. The entries for the several categories of transactions related to military sales contracts in this and other tables are partly estimated from incomplete data.

3. The identification of transactions involving direct dollar outflows from the United States is made in reports by each operating agency.

4. Line A38 includes foreign currency collected as interest and line A43 includes foreign currency collected as principal, as recorded in lines A16 and A17, respectively.

5. Includes (a) advance payments to the Department of Defense (on military sales contracts) financed by loans extended to foreigners by U.S. Government agencies and (b) the contraentry for the part of line C10 that was delivered without prepayment by the foreign purchaser. Also includes expenditures of appropriations available to release foreign purchasers from liability to make repayment.

6. Includes purchases of loans from U.S. banks and exporters and payments by the U.S. Government under commercial export credit and investment guarantee programs.

7. Excludes liabilities associated with military sales contracts financed by U.S. Government grants and credits and included in line C2.

Table 5:

1. Beginning with 1991, payments and receipts of interest related to interest rate and foreign currency swaps between affiliates and parents are netted and are shown as either net payments or net receipts. Receipts and payments of other types of interest are shown on a gross basis.

2. Petroleum includes, and manufacturing and "other" industries exclude, the exploration, development, and production of crude oil and gas, and the transportation, refining, and marketing of petroleum products, exclusive of petrochemicals. "Other" industries includes wholesale trade; banking; finance (except banking), insurance, and real estate; services; and other industries—agriculture, forestry, and fishing; mining construction; transportation, communication, and public utilities; and retail trade.

3. Acquisition of equity holdings in existing and newly established companies, capital contributions, capitalization of intercompany debt, and other equity contributions.

4. Sales (total and partial), liquidations, returns of capital contributions, and other dispositions of equity holdings.

Table 6:

1. Primarily provincial, regional, and municipal.

2. Largely transactions by International Bank for Reconstruction and Development (IBRD), International Development Association (IDA), International Finance Corporation (IFC), Asian Development Bank (ADB), and Inter-American Development Bank (IDB).

3. Estimate for scheduled redemptions and identifiable early retirements. Includes estimates based on Canadian statistics for redemptions of Canadian issues held in the United States. Unidentified and nonscheduled retirements appear in line A30.

Table 7:

1. Estimates of transactions other than those with U.S. banks' Caribbean branches and with financial intermediaries (F.I.s) are not available. Preliminary estimates of transactions with F.I.s, by area, are commingled in "other" to avoid disclosure of individual companies' area data.

2. Deposits (line A5) include other financial claims (line A7) for some countries due to the commingling of these categories in foreign source data.

3. Primarily mortgages, loans, and bills and notes drawn on foreigners.

4. Western Europe, Canada, Japan, Australia, New Zealand, and South Africa.

5. Bahamas, British West Indies (Cayman Islands), Netherlands Antilles, and Panama.

6. Ecuador, Venezuela, Indonesia, and other Asian and African oil-exporting countries. Excludes Ecuador beginning in January 1993.

Table 8:

1. Includes central governments and their agencies and corporations; state, provincial, and local governments and their agencies and corporations; and international and regional organizations.

2. U.S.-owned banks are mainly U.S.-chartered banks, Edge Act subsidiaries, and U.S. bank holding companies. Foreign-owned banks include U.S. branches and agencies of foreign banks and majority-owned bank subsidiaries in the United States. Brokers and dealers are identified separately beginning with the first quarter of 1997; prior to 1997, they are commingled with U.S.-owned banks' accounts.

3. Commercial paper issued in the U.S. market by foreign incorporated entities; excludes commercial paper issued through foreign direct investment affiliates in the United States.

4. Negotiable and readily transferable instruments other than commercial paper, payable in dollars; consists largely of negotiable certificates of deposit.

5. Western Europe, Canada, Japan, Australia, New Zealand, and South Africa.

6. Bahamas, British West Indies (Cayman Islands), Netherlands Antilles, and Panama.

7. Ecuador, Venezuela, Indonesia, and other Asian and African oil-exporting countries. Excludes Ecuador beginning in January 1993.

8. Includes Eastern Europe and international and regional organizations.

9. Estimates first available for the second quarter of 2001.

Table 9:

1. Negotiable certificates of deposit issued by banks in the United States are included in banks' custody liabilities and are separately identified in memorandum line 8. Nonnegotiable certificates of deposit are included in time deposits.

2. Includes borrowing under Federal funds or repurchase arrangements, deferred credits, and liabilities other than deposits.

3. Mainly negotiable and readily transferable instruments, excluding U.S. Treasury securities.

4. Mainly International Bank for Reconstruction and Development (IBRD), International Development Association (IDA), International Finance Corporation (IFC), Asian Development Bank (ADB), Inter-American Development Bank (IDB), and the Trust Fund of the International Monetary Fund.

5. U.S.-owned banks are mainly U.S.-chartered banks, Edge Act subsidiaries, and U.S. bank holding companies. Foreign-owned banks include U.S. branches and agencies of foreign banks and majority-owned bank subsidiaries in the United States. Brokers and dealers are identified separately beginning with the first quarter of 1997; prior to 1997, they are commingled with U.S.-owned banks' accounts.

6. Western Europe, Canada, Japan, Australia, New Zealand, and South Africa.

7. Bahamas, British West Indies (Cayman Islands), Netherlands Antilles, and Panama.

8. Ecuador, Venezuela, Indonesia, and other Asian and African oil-exporting countries. Excludes Ecuador beginning in January 1993.

9. Includes Eastern Europe and international and regional organizations.

10. Estimates first available for the second quarter of 2001.

Table 10: For footnotes 1-13, see table 1.

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.

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; before 1996, 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 are not shown separately; see totals in lines 56 and 63.

18. Details not shown separately are included in line 69.

U.S. International Services

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

By Maria Borga and Michael Mann

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

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

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

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

n.a. Not available.
 1. The estimates for 1998–2000 are revised from those published in last year's article in this series. See Christopher L. Bach, "Annual Revision of the U.S. International Accounts, 1993–2001," *Survey of Current Business* 82 (July 2002): 33–40.
 2. The figures shown in this column for 1986–88 have been adjusted, for the purposes of this article, to be consistent with those for 1989 forward, which reflect definitional and methodological improvements made in the 1989 Benchmark Survey of U.S. Direct Investment Abroad. The primary improvement was that investment income of affiliates in finance and insurance was excluded from sales of services. The adjustment was made by assuming that investment income of finance and insurance affiliates in 1986–88 accounted for the same share of sales of services plus investment income as in 1989.
 3. Beginning in 1997, sales by U.S. affiliates were classified as goods or services based on industry codes derived from the North American Industry Classification System; the estimates for prior years were based on codes derived from the 1987 Standard Industrial Classification System. This change resulted in a redefinition of sales of services by affiliates, which resulted in a net shift of sales from goods to services. See the box "Changes in the Definition and Classification of Sales of Services by U.S. Affiliates" in the October 1999 Survey, page 61, available at www.bea.gov.
 4. Beginning in 1999, sales by foreign affiliates were classified as goods or services based on industry codes derived from the North American Industry Classification System; the estimates for prior years were based on codes derived from the 1987 Standard Industrial Classification System. This change resulted in a redefinition of sales of services by affiliates, which resulted in a net shift of sales from goods to services. See the box "Changes in the Definition and Classification of Sales of Services by Foreign Affiliates" in the November 2001 Survey, page 58, available at www.bea.gov.

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

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

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

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

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

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

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

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

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

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

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

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

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

U.S. international transactions.)

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

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

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

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

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

In 2000, services delivered through nonbank 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 precise, but the substantial differences in 2000 clearly indicate that delivery through affiliates was the larger channel for both U.S. sales and U.S. purchases of pri-

ivate services.⁴

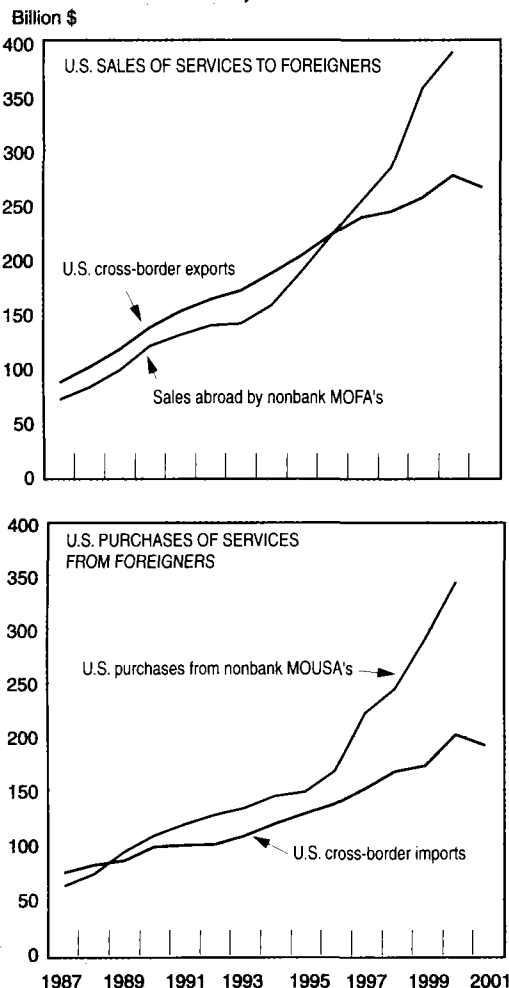
The use of each channel of delivery for 2000 is shown for major geographic areas in chart 2 and for

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

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

CHART 1

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



Note.—Data reflect the information in footnotes 2, 3 and 4 to table A.

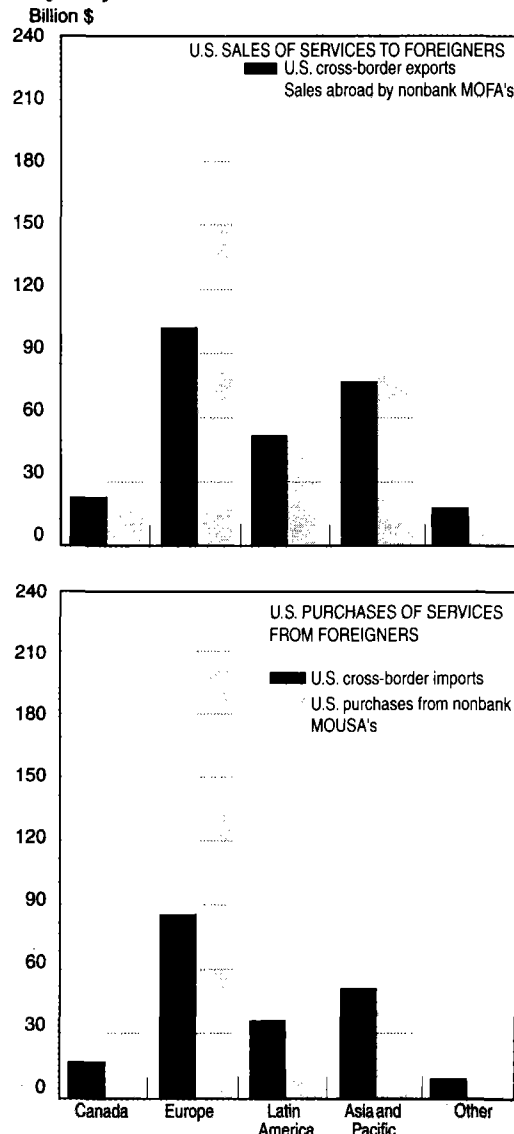
MOFA Majority-owned foreign affiliate
MOUSA Majority-owned U.S. affiliate

1. The data for sales and purchases through majority-owned affiliates are shown through 2000, the latest year for which these data are available.

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

CHART 2

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



MOFA Majority-owned foreign affiliate
MOUSA Majority-owned U.S. affiliate

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

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

U.S. Cross-Border Trade in 2001

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

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

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

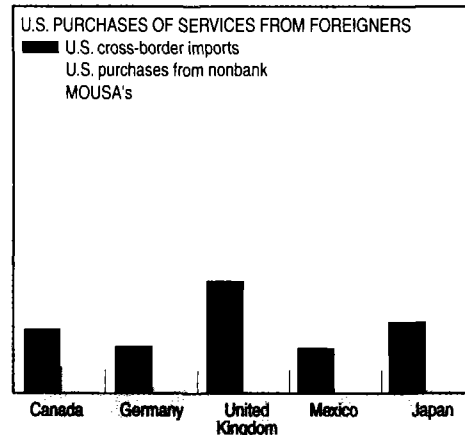
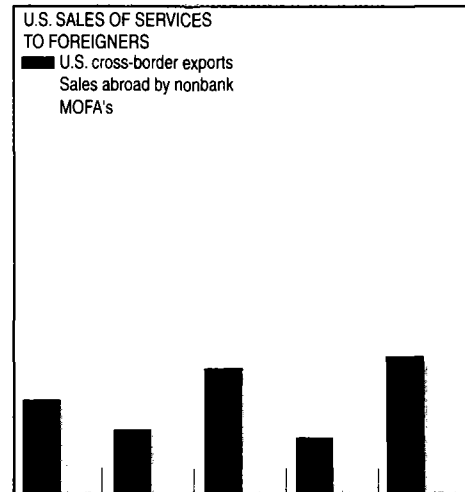
Changes in the foreign-currency value of the dollar may also have affected U.S. cross-border services trade, but the effect cannot be precisely measured because it cannot be clearly distinguished from those of other variables that affected U.S. trade flows. The dollar appreciated steadily against the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

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

The falloff in exports was concentrated in the sec-

5. Annual exchange rates are period averages.

CHART 3



MOFA Majority-owned foreign affiliate
MOUSA Majority-owned U.S. affiliate

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

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

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

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

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

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

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

their foreign affiliates and between U.S. affiliates and

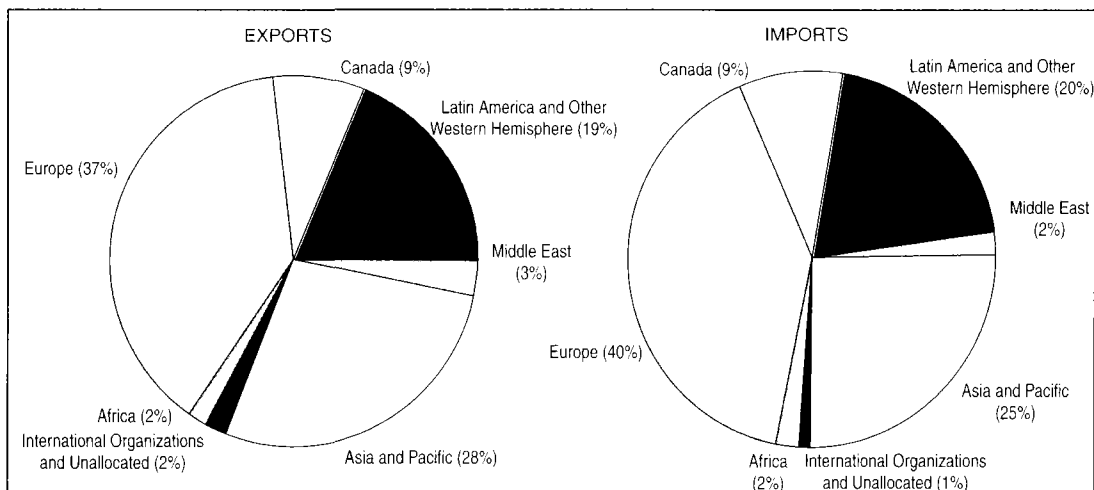
Table B. Cross-Border Service Exports and Imports by Type and Country, 2001
[Millions of dollars]

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

1. Ranked by dollar value of total exports or imports

CHART 4

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



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

Types of Cross-Border Services: Coverage and Definitions

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

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

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

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

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

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

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

Royalties and license fees. The royalties and license fees

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

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

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

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

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

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

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

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

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

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

7. The foreign parent group is defined as (1) the foreign parent, (2) any foreign person, proceeding up the foreign parent's ownership chain, that owns more than 50 percent of the person below it, up to and including the ultimate beneficial owner, and (3) any foreign person, proceeding down the ownership chain(s) of each of these members, that is owned more than 50 percent by the person above it.

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

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

Travel

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

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

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

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

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

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

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

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

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

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

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

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

Passenger fares

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

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

Other transportation

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

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

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

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

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

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

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

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

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

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

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

[Billions of dollars]

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

* Less than \$50 million.

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

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

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

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

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

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

Royalties and license fees

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

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

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

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

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

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

Delivery of Computer Services to Foreign Markets

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

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

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

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

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

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

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

Other private services

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

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

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

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

of the number of students.

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

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

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

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

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

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

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

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

Data Sources

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

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

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

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

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

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

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

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

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

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

The 2001 Benchmark Survey of Selected Services Transactions

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

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

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

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

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

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

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

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

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

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

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

Sales Through Affiliates in 2000

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

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

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

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

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

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

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

	1999	2000
Sales through MOFA's		
Total	372,852	411,511
To affiliated persons	38,435	39,332
To unaffiliated persons	334,417	372,179
To U.S. persons	19,646	18,726
To U.S. parents	14,779	14,047
To unaffiliated U.S. persons	4,867	4,679
To foreign persons	353,206	392,785
To other foreign affiliates	23,856	25,285
To unaffiliated foreign persons	329,550	367,500
Local sales	320,686	355,273
To other foreign affiliates	9,790	11,351
To unaffiliated foreigners	310,896	343,922
Sales to other countries	32,520	37,512
To other foreign affiliates	13,866	13,934
To unaffiliated foreigners	18,654	23,578
Sales through MOUSA's		
Total	316,939	373,732
To U.S. persons	293,485	346,669
To foreign persons	23,454	27,063
To the foreign parent group	10,259	10,289
To foreign affiliates	1,173	771
To other foreigners	12,021	16,003

Note. Depository institutions are excluded because data are not available. In this table, sales of services through affiliates are those typical of establishments in the following industries derived from the North American Industry Classification System: Utilities; transportation and warehousing; information; finance and insurance; real estate and rental and leasing; professional, scientific, and technical services; management of companies and enterprises; administrative and support, waste management, and remediation services; educational services; health care and social assistance; arts, entertainment, and recreation; accommodation and food services; support activities for agriculture and forestry; support activities for oil and gas operations; support activities for mining; and other services.

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

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

Foreign affiliates' sales to foreign persons

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

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

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

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

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

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

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

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

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

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

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

U.S. affiliates' sales in the United States

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

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

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

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

Data Availability

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

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

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

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

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

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

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

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

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

[Millions of dollars]

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

See footnotes at end of table.

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

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

n.a. Not available

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

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

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

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

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

[Millions of dollars]

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

See footnotes at end of table.

Table 2. Private Services Trade by Area and Country, 1986-2001—Continued

[Millions of dollars]

	Imports															
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
All countries.....	64,731	73,945	81,002	85,295	98,210	99,934	100,379	107,940	119,101	128,781	137,102	151,791	167,466	173,241	202,060	192,305
Canada.....	6,311	6,854	8,350	8,640	9,130	9,716	8,688	9,223	10,132	11,160	12,451	13,923	15,487	15,559	17,130	18,133
Europe.....	24,132	28,313	30,866	33,010	39,815	39,282	39,718	44,417	48,996	52,708	53,856	61,517	70,634	71,578	86,920	76,864
Belgium-Luxembourg.....	604	556	622	813	1,022	958	1,028	1,048	1,245	1,480	1,498	1,716	1,928	2,181	2,295	2,236
France.....	2,264	2,679	2,931	3,517	4,169	3,927	4,581	4,958	5,749	5,951	6,023	6,757	7,536	7,932	10,625	8,933
Germany ¹	3,982	5,198	5,540	6,048	6,819	6,438	6,376	6,806	7,280	7,586	7,705	7,934	9,783	9,973	11,664	10,184
Italy.....	2,258	2,509	2,870	2,863	3,469	3,299	3,177	3,142	3,433	3,743	3,492	3,681	4,059	4,641	5,156	5,360
Netherlands.....	1,032	1,305	1,317	1,609	1,935	2,157	2,479	2,211	2,613	3,191	3,157	3,461	4,333	3,950	5,291	5,517
Norway.....							1,034	1,414	1,184	1,162	1,281	1,281	784	857	840	912
Spain.....							1,271	1,081	1,140	1,109	1,304	1,457	1,880	2,143	2,540	2,220
Sweden.....							779	942	857	844	884	854	847	1,071	1,335	1,247
Switzerland.....							1,710	1,945	2,317	2,285	2,636	2,765	3,766	3,673	5,318	4,368
United Kingdom.....	7,542	8,918	9,411	9,795	11,564	12,111	10,538	13,634	14,692	16,063	16,186	21,363	23,282	23,738	26,875	22,930
Other.....							6,746	7,237	8,486	9,293	9,690	10,249	12,437	11,419	14,982	12,960
Latin America and Other Western Hemisphere.....	13,010	14,964	15,648	16,840	18,643	19,602	20,127	20,588	22,783	24,252	26,954	29,813	32,469	31,811	36,769	39,239
South and Central America.....	7,522	9,074	10,241	11,180	12,737	13,254	13,439	13,582	14,850	15,500	17,711	19,156	19,724	20,265	22,217	21,039
Argentina.....							449	464	572	572	779	864	855	874	954	734
Brazil.....							679	734	904	1,165	1,421	1,764	1,959	1,701	1,933	1,770
Chile.....							332	362	415	427	519	537	569	818	871	840
Mexico.....	3,681	4,506	5,068	5,976	6,731	7,056	7,269	7,410	7,849	7,930	8,918	9,830	9,816	9,434	10,999	10,954
Venezuela.....	480	526	619	487	659	584	633	714	761	701	767	705	735	697	640	728
Other.....							4,077	3,899	4,352	4,708	5,308	5,452	735	6,740	6,821	6,010
Other Western Hemisphere.....	5,488	5,892	5,407	5,659	5,905	6,348	6,690	7,005	7,933	8,750	9,244	10,656	12,745	11,547	14,551	18,201
Bermuda.....							1,522	1,278	1,832	2,713	2,867	3,632	4,850	4,518	6,628	10,625
Other.....							5,167	5,727	6,100	6,036	6,377	7,023	7,893	7,030	7,923	7,577
Africa, Middle East, and Asia and Pacific.....	19,371	21,999	23,617	24,232	27,976	29,285	29,120	31,789	35,300	38,542	41,580	44,833	46,524	52,299	58,088	55,371
Africa.....							1,472	1,527	1,911	1,947	2,380	2,550	2,532	2,591	2,802	3,022
South Africa.....							199	228	294	398	543	726	857	845	863	891
Other.....							1,276	1,298	1,616	1,548	1,837	1,827	1,676	1,747	1,941	2,130
Middle East.....							2,053	2,172	2,240	2,663	3,152	3,224	3,673	3,836	3,320	3,335
Israel.....							1,016	1,068	1,192	1,171	1,369	1,505	1,431	1,595	1,801	1,352
Saudi Arabia.....							337	339	307	559	437	576	857	875	464	515
Other.....							698	764	740	936	1,346	1,142	1,383	1,368	1,055	1,468
Asia and Pacific.....							25,595	28,090	31,148	33,933	36,048	38,860	40,319	45,872	51,965	49,013
Australia.....	1,163	1,495	1,644	1,748	2,290	2,386	2,215	2,163	1,929	2,142	2,573	2,675	3,312	3,137	3,282	3,498
China.....							1,044	1,303	1,459	1,674	1,936	2,205	2,294	2,668	2,754	3,012
Hong Kong.....							1,420	1,336	1,881	1,901	2,920	3,038	3,242	3,758	4,128	3,731
India.....							636	687	760	851	1,093	1,223	1,541	1,492	1,884	1,744
Indonesia.....							440	428	438	443	550	547	304	369	433	302
Japan.....	6,662	7,527	8,396	8,927	10,529	11,772	10,607	11,785	12,584	13,463	12,907	13,566	13,360	15,797	17,556	17,162
Korea, Republic of.....							2,041	2,343	2,796	3,581	4,124	4,540	4,152	4,304	4,178	3,765
Malaysia.....							265	299	355	451	456	532	371	337	338	416
New Zealand.....							525	538	567	601	661	695	943	1,102	1,163	1,348
Philippines.....							785	851	1,036	1,121	1,361	1,456	1,247	1,168	1,536	1,435
Singapore.....							684	938	1,155	1,232	1,817	2,094	1,854	2,231	2,297	2,010
Taiwan.....							1,978	2,381	2,649	2,856	2,702	3,362	2,901	3,455	3,701	3,454
Thailand.....							389	377	475	677	802	758	792	916	923	891
Other.....							2,569	2,659	3,062	2,944	2,148	2,165	4,002	5,146	7,789	6,246
International organizations and unallocated.....	1,907	1,815	2,521	2,573	2,646	2,069	2,726	1,926	1,889	2,119	2,266	1,902	2,356	1,992	3,151	2,698
Addenda:																
European Union ²	20,412	23,961	25,813	28,057	33,394	32,924	32,960	36,680	40,238	45,301	45,486	52,846	60,555	62,185	74,828	65,798
Eastern Europe ³	345	477	508	582	797	1,052	1,596	1,513	1,965	2,171	2,346	2,147	2,552	2,349	2,473	2,399

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

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

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

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

Table 3.1. Travel, Passenger Fares, and Other Transportation, 1998
[Millions of dollars]

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

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

Table 3.2. Travel, Passenger Fares, and Other Transportation, 1999

[Millions of dollars]

	Receipts											Payments										
	Travel	Pas- sen- ger fares	Other transportation									Travel	Pas- sen- ger 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	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	9	5	.....	5	.....	.....	.....	.....	.....	.....	419	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
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	6,554	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	0	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, Republic of.....	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	.....	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 3.3. Travel, Passenger Fares, and Other Transportation, 2000
[Millions of dollars]

	Receipts											Payments										
	Travel	Pas- sen- ger fares	Other transportation								Travel	Pas- sen- ger 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.....	82,267	20,760	30,137	12,994	4,735	5,775	2,482	17,143	8,712	8,237	196	64,788	24,306	41,598	27,388	20,066	4,739	2,582	14,210	2,211	11,895	105
Canada.....	7,055	1,713	2,571	2,007	138	86	1,783	564	49	319	196	6,367	827	3,581	2,763	132	57	2,574	818	208	505	105
Europe.....	27,834	6,981	9,794	3,446	1,425	1,935	86	6,348	2,932	3,416	.....	24,049	13,647	14,032	8,650	6,959	1,691	.....	5,382	695	4,687	.....
Belgium-Luxembourg.....	506	188	473	333	234	95	4	140	48	92	.....	351	349	629	188	96	92	.....	441	110	331	.....
France.....	2,637	1,017	656	350	54	290	6	306	28	278	.....	3,650	1,184	956	288	109	179	.....	668	44	624	.....
Germany.....	4,035	1,088	1,929	455	144	299	12	1,474	615	859	.....	2,696	1,936	2,219	1,364	1,057	307	.....	855	118	737	.....
Italy.....	1,590	485	365	135	45	86	4	230	69	161	.....	2,917	688	685	539	447	92	.....	146	14	132	.....
Netherlands.....	1,288	404	793	507	308	171	28	286	78	208	.....	749	972	1,025	384	203	181	.....	641	160	481	.....
Norway.....	387	2	193	21	9	12	.....	172	172	.....	150	37	374	361	361	.....	.....	13	13	.....	.....
Spain.....	1,094	236	228	117	57	60	.....	111	2	109	.....	1,476	348	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	.....	983	928	294	269	102	167	.....	25	.....	25	.....
United Kingdom.....	9,957	2,747	1,973	859	170	681	8	1,114	151	963	.....	6,400	4,766	2,654	851	391	460	.....	1,803	103	1,700	.....
Other.....	4,423	338	2,718	544	378	142	24	2,174	1,671	503	.....	4,441	2,349	4,890	4,186	4,048	138	.....	704	109	595	.....
Latin America and Other	22,134	5,963	3,459	1,928	472	1,190	266	1,531	321	1,210	.....	18,014	3,050	3,249	986	789	189	8	2,263	253	2,010	.....
Western Hemisphere.....	19,007	5,119	2,970	1,713	367	1,111	235	1,257	245	1,012	.....	13,181	2,300	2,617	787	598	181	8	1,830	206	1,624	.....
South and Central America.....	1,411	665	151	77	12	65	.....	74	.....	74	.....	507	140	29	15	1	14	.....	14	0	14	.....
Argentina.....	2,230	918	479	239	17	222	.....	240	13	227	.....	991	388	108	49	25	24	.....	59	3	56	.....
Brazil.....	576	167	202	48	14	34	.....	154	35	119	.....	429	(D)	145	112	59	53	.....	33	8	25	.....
Chile.....	5,162	1,028	699	333	48	230	55	366	117	249	.....	6,646	923	1,377	207	195	8	4	1,170	42	1,128	.....
Mexico.....	1,891	317	163	121	23	89	9	42	26	16	.....	249	69	128	71	64	7	.....	57	42	15	.....
Venezuela.....	7,737	2,024	1,276	895	253	471	171	381	54	327	.....	4,359	(D)	830	333	254	75	4	497	111	386	.....
Other.....	3,127	844	489	215	105	79	31	274	76	198	.....	4,833	750	632	199	191	8	.....	433	47	386	.....
Other Western Hemisphere.....	17	10	5	5	.....	5	.....	.....	.....	.....	.....	431	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bermuda.....	3,110	834	484	210	105	74	31	274	76	198	.....	4,402	750	632	199	191	8	.....	433	47	386	.....
Africa.....	1,443	69	602	374	326	29	19	228	51	177	.....	1,370	451	248	112	98	14	.....	136	123	13	.....
South Africa.....	429	11	129	17	5	4	8	112	18	94	.....	272	254	64	54	45	9	.....	10	5	5	.....
Other.....	1,014	58	473	357	321	25	11	116	33	83	.....	1,098	197	184	58	53	5	.....	126	118	8	.....
Middle East.....	2,235	361	1,147	630	527	103	.....	517	174	343	.....	1,333	367	652	477	352	125	.....	175	111	64	.....
Israel.....	873	248	433	310	259	51	.....	123	.....	123	.....	860	263	201	77	.....	77	.....	124	71	53	.....
Saudi Arabia.....	603	8	132	86	73	13	.....	46	.....	46	.....	206	67	37	20	.....	20	.....	17	14	3	.....
Other.....	759	105	582	234	195	39	.....	348	174	174	.....	267	37	414	380	352	28	.....	34	26	8	.....
Asia and Pacific.....	21,566	5,673	12,002	4,598	1,838	2,432	328	7,404	4,632	2,772	.....	13,655	5,964	18,331	12,894	10,231	2,663	.....	5,437	821	4,616	.....
Australia.....	1,856	530	287	171	27	106	38	116	8	108	.....	1,473	620	246	51	22	29	.....	195	6	189	.....
China.....	1,120	304	647	231	137	94	.....	416	154	262	.....	1,169	151	1,025	728	386	342	.....	297	144	153	.....
Hong Kong.....	814	250	532	510	190	320	.....	22	21	1	.....	1,299	714	801	318	316	2	.....	483	106	377	.....
India.....	1,112	35	180	146	127	19	.....	34	3	31	.....	855	112	80	26	19	7	.....	54	44	10	.....
Indonesia.....	263	191	113	106	98	8	.....	7	.....	7	.....	258	0	54	8	7	1	.....	46	46	.....	.....
Japan.....	10,238	3,777	3,506	1,361	430	852	79	2,145	1,283	862	.....	2,897	944	5,819	3,438	2,783	655	.....	2,381	163	2,218	.....
Korea, Republic of.....	2,216	64	1,548	365	249	116	.....	1,183	754	429	.....	1,071	1,141	1,549	1,422	1,237	185	.....	127	89	38	.....
Malaysia.....	242	13	181	136	52	84	.....	45	9	36	.....	121	96	46	35	21	14	.....	11	11	.....	.....
New Zealand.....	559	113	189	22	.....	10	12	167	.....	167	.....	646	365	68	25	.....	25	.....	43	0	43	.....
Philippines.....	739	93	259	163	90	73	.....	96	35	61	.....	796	364	156	76	54	22	.....	80	30	50	.....
Singapore.....	417	94	634	328	92	236	.....	306	121	185	.....	673	191	781	635	475	160	.....	146	29	117	.....
Taiwan.....	1,184	101	1,206	261	70	191	.....	945	778	167	.....	960	862	1,560	1,384	1,145	239	.....	176	39	137	.....
Thailand.....	315	26	126	72	27	45	.....	54	3	51	.....	531	107	151	102	10	92	.....	49	22	27	.....
Other.....	491	82	2,594	726	249	278	199	1,868	1,463	405	.....	906	297	5,995	4,646	3,756	890	.....	1,349	92	1,257	.....
International organizations and unallocated.....	.....	.....	562	9	9	.....	.....	553	553	.....	.....	.....	.....	1,505	1,505	1,505	.....	.....	.....	.....	.....	.....
Addenda:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
European Union ¹	24,136	6,651	8,163	3,058	1,149	1,835	74	5,105	2,047	3,058	.....	20,678	12,023	11,261	6,237	4,758	1,479	.....	5,024	602	4,422	.....
Eastern Europe ²	1,336	89	341	195	166	21	.....	146	59	87	.....	1,274	365	252	164	145	19	.....	88	50	38	.....

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

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

[Millions of dollars]

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

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 4.1. Royalties and License Fees, 1998

[Millions of dollars]

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

See footnotes at end of table.

Table 4.1. Royalties and License Fees, 1998—Continued
 (Millions of dollars)

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

* Less than \$500,000.
 D Suppressed to avoid disclosure of data of individual companies.
 1. See table 2, footnote 2.
 2. See table 2, footnote 3.

Table 4.2. Royalties and License Fees, 1999

[Millions of dollars]

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

See footnotes at end of table.

Table 4.2. Royalties and License Fees, 1999—Continued
 (Millions of dollars)

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

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 4.3. Royalties and License Fees, 2000

[Millions of dollars]

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

See footnotes at end of table.

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

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

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

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

	Receipts											
	Total	Affiliated			Unaffiliated							
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Industrial processes	Books, records, and tapes	Broadcasting and recording of live events	Franchise fees	Trade-marks	General use computer software	Other intangibles
All countries	38,668	25,873	23,502	2,371	12,795	4,852	413	333	554	977	4,953	713
Canada	2,255	1,561	1,503	58	694	151	37	41	68	82	314	2
Europe	18,448	13,877	12,301	1,577	4,570	1,493	233	155	194	301	2,169	25
Belgium-Luxembourg.....	714	545	542	3	169	100	3	3	6	12	45	0
France.....	1,922	1,298	1,244	54	624	203	28	23	12	35	317	6
Germany.....	2,827	1,748	1,576	172	1,079	368	45	30	28	37	571	(*)
Italy.....	1,001	659	644	16	341	106	19	11	15	(D)	148	(D)
Netherlands.....	1,284	1,093	928	164	191	49	11	7	5	16	103	0
Norway.....	143	88	57	31	55	3	2	1	8	4	38	0
Spain.....	495	330	330	(*)	164	19	16	19	17	16	77	(*)
Sweden.....	425	(D)	173	(D)	(D)	52	5	4	5	(D)	57	0
Switzerland.....	1,561	1,323	740	583	238	129	8	2	3	5	90	(*)
United Kingdom.....	3,309	2,425	2,086	339	884	178	68	39	53	53	490	4
Other.....	4,766	(D)	3,981	(D)	(D)	286	28	16	43	74	234	(D)
Latin America and Other Western Hemisphere	3,368	2,749	2,483	266	619	99	35	37	71	156	221	(*)
South and Central America.....	2,496	(D)	1,738	(D)	(D)	33	33	36	52	150	217	(*)
Argentina.....	223	171	171	0	52	3	4	3	3	17	21	0
Brazil.....	750	(D)	423	(D)	(D)	11	22	2	2	40	89	0
Chile.....	59	34	34	0	26	3	1	1	4	10	7	0
Mexico.....	1,054	880	859	21	173	30	11	7	20	36	69	(*)
Venezuela.....	170	(D)	88	(D)	(D)	2	1	5	14	16	0	0
Other.....	240	165	164	(*)	75	4	3	1	19	33	15	0
Other Western Hemisphere.....	872	(D)	744	(D)	(D)	2	2	1	19	6	4	(*)
Bermuda.....	62	(D)	0	(D)	(D)	(*)	0	0	0	1	0	(*)
Other.....	810	754	(D)	(D)	56	26	2	1	18	6	3	0
Africa	327	(D)	212	(D)	(D)	17	4	2	12	9	(D)	(D)
South Africa.....	189	121	116	5	69	8	3	2	5	4	46	(*)
Other.....	138	(D)	96	(D)	(D)	9	1	(*)	7	4	(D)	(D)
Middle East	269	(D)	63	(D)	(D)	52	10	3	47	29	(D)	(D)
Israel.....	132	38	38	(*)	95	28	4	2	9	21	30	0
Saudi Arabia.....	72	19	18	(*)	53	19	5	(*)	11	4	(D)	(D)
Other.....	65	(D)	7	(D)	(D)	6	1	(*)	26	5	(D)	1
Asia and Pacific	11,954	6,098	5,767	331	5,856	3,029	71	92	151	363	2,113	37
Australia.....	719	(D)	503	(D)	(D)	11	16	13	25	100	1	1
China.....	505	329	328	1	176	45	4	(D)	18	95	(D)	0
Hong Kong.....	299	205	204	1	94	14	4	2	17	21	36	(*)
India.....	86	26	22	4	60	20	1	6	3	5	25	0
Indonesia.....	52	24	24	0	28	9	1	(*)	7	3	9	(*)
Japan.....	6,972	3,421	3,173	248	3,550	1,879	35	33	(D)	221	1,315	(D)
Korea, Republic of.....	1,295	(D)	205	(D)	(D)	742	6	5	21	(D)	246	0
Malaysia.....	173	119	119	0	54	11	2	(*)	12	3	26	(*)
New Zealand.....	99	52	52	(*)	48	(D)	1	5	3	(D)	8	(*)
Philippines.....	64	36	36	(*)	28	4	1	7	6	8	0	0
Singapore.....	923	839	838	1	84	16	1	6	4	6	51	(*)
Taiwan.....	647	195	184	11	451	229	6	5	14	13	185	(*)
Thailand.....	105	70	70	0	35	8	(*)	8	5	6	8	0
Other.....	16	9	9	0	8	1	(*)	1	4	2	1	0
International organizations and unallocated	2,047	1,292	1,174	118	755	10	23	2	12	37	31	640
Addenda:												
European Union ¹	16,333	12,204	11,252	952	4,129	1,350	212	144	162	274	1,966	23
Eastern Europe ²	316	222	212	10	94	9	8	5	7	8	57	0

See footnotes at end of table.

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

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

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

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

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

See footnotes at end of table.

Table 5.1. Other Private Services, 1998—Continued
 (Millions of dollars)

	Payments													Addendum
	Total	Affiliated			Unaffiliated									
		Total	By U.S. parents to their foreign affiliates	By U.S. affiliates to their foreign parents	Total	Education	Financial services	Insurance			Telecommunications	Business, professional, and technical services	Other services		Film and television tape rentals
							Net	Premiums	Losses					
All countries.....	49,388	19,437	10,415	9,022	29,951	1,587	3,590	9,240	20,398	11,158	7,682	7,392	460	141
Canada.....	5,852	2,988	715	2,273	2,862	14	228	636	1,150	514	310	1,477	198	51
Europe.....	21,438	11,240	6,398	4,841	10,198	919	2,195	2,619	7,965	5,346	1,161	3,146	158	64
Belgium-Luxembourg.....	573	(D)	(D)	84	(D)	10	63	34	128	95	29	78	(D)	2
France.....	2,254	1,348	613	735	906	119	145	220	537	317	100	301	21	6
Germany.....	3,111	1,596	665	931	1,515	51	147	848	1,617	769	115	333	22	1
Italy.....	597	236	89	147	361	124	38	-14	100	114	87	116	10	2
Netherlands.....	1,103	801	173	628	302	13	70	7	39	32	42	154	16	5
Norway.....	162	76	5	71	86	2	11	13	16	3	14	46	0	0
Spain.....	439	97	71	26	342	134	41	6	10	4	54	99	8	1
Sweden.....	285	185	31	154	100	5	39	-22	61	83	20	57	1	(*)
Switzerland.....	1,280	682	181	501	598	9	130	237	1,213	976	57	157	9	(D)
United Kingdom.....	9,680	5,095	3,839	1,256	4,585	330	1,354	1,266	3,763	2,497	238	1,362	35	24
Other.....	1,954	(D)	(D)	308	(D)	122	157	25	480	455	405	444	(D)	(D)
Latin America and Other Western Hemisphere	10,725	991	569	422	9,732	432	539	5,449	10,674	5,225	2,783	513	16	7
South and Central America.....	3,878	484	348	136	3,393	372	241	0	31	31	2,304	463	14	5
Argentina.....	239	49	48	(*)	190	13	25	-3	(D)	(D)	99	54	2	2
Brazil.....	534	151	136	15	383	13	58	(*)	1	(*)	201	110	1	1
Chile.....	112	11	2	9	101	24	5	1	(*)	-1	55	16	0	(*)
Mexico.....	1,587	228	124	104	1,359	179	31	3	5	2	1,017	123	7	1
Venezuela.....	140	15	12	3	125	6	15	0	(*)	(*)	80	23	1	1
Other.....	1,264	30	25	5	1,234	137	107	-1	(D)	(D)	852	136	3	(*)
Other Western Hemisphere.....	6,847	508	221	286	6,339	60	298	5,449	10,643	5,194	479	50	3	2
Bermuda.....	3,872	249	97	152	3,623	1	101	3,479	7,189	3,710	17	25	0	0
Other.....	2,974	258	124	134	2,716	59	197	1,970	3,454	1,484	462	25	3	2
Africa.....	895	92	88	4	603	40	41	3	5	2	357	161	1	(*)
South Africa.....	184	85	85	0	98	7	9	-1	1	1	60	23	1	(*)
Other.....	511	7	3	4	504	34	32	3	4	1	297	138	0	0
Middle East.....	1,211	273	260	14	938	27	36	5	8	3	492	372	5	5
Israel.....	480	246	237	9	234	26	10	-1	(*)	1	111	88	0	(*)
Saudi Arabia.....	281	5	5	0	276	0	10	0	(*)	1	100	161	5	5
Other.....	448	22	18	4	426	1	16	6	7	1	280	122	0	0
Asia and Pacific.....	9,232	3,835	2,366	1,468	5,397	155	551	527	587	60	2,387	1,724	53	12
Australia.....	1,250	372	341	31	878	51	73	426	244	-182	121	199	7	3
China.....	437	59	50	9	378	12	1	-3	-4	-1	295	72	1	1
Hong Kong.....	977	559	491	68	418	1	69	27	(D)	(D)	192	129	0	(*)
India.....	534	(D)	18	(D)	(D)	4	13	2	4	2	335	132	(D)	(*)
Indonesia.....	119	14	11	3	105	1	13	(*)	1	(*)	69	22	0	0
Japan.....	3,391	2,110	974	1,136	1,282	28	183	61	291	230	252	729	29	7
Korea, Republic of.....	399	(D)	27	(D)	(D)	2	20	-4	10	14	192	100	(D)	1
Malaysia.....	96	(D)	27	(D)	(D)	0	17	-1	(*)	1	31	14	(D)	0
New Zealand.....	182	42	40	2	139	7	48	8	9	(*)	55	20	0	(*)
Philippines.....	319	17	17	(*)	302	1	29	7	5	-2	187	78	0	0
Singapore.....	556	377	292	86	179	1	50	8	14	6	68	52	0	(*)
Taiwan.....	373	79	50	30	294	1	17	-2	2	3	184	94	0	0
Thailand.....	153	25	22	3	128	1	16	-3	2	5	75	39	0	0
Other.....	442	(D)	6	(D)	(D)	44	2	-1	(D)	(D)	330	44	(D)	0
International organizations and unallocated.....	239	18	18	0	221	0	0	2	10	7	191	(*)	28	1
Addenda:														
European Union ¹	19,248	10,437	6,188	4,249	8,812	836	1,992	2,369	6,734	4,365	811	2,671	133	43
Eastern Europe ²	545	(D)	6	(D)	(D)	41	31	(*)	1	1	210	230	(D)	(D)

* Less than \$500,000.
 D Suppressed to avoid disclosure of data of individual companies.
 1. See table 2, footnote 2.
 2. See table 2, footnote 3.

Table 5.2. Other Private Services, 1999

[Millions of dollars]

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

See footnotes at end of table.

Table 5.2. Other Private Services, 1999—Continued
 (Millions of dollars)

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

* Less than \$500,000.
 D Suppressed to avoid disclosure of data of individual companies.
 1. See table 2, footnote 2.
 2. See table 2, footnote 3.

Table 5.3. Other Private Services, 2000

[Millions of dollars]

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

See footnotes at end of table.

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

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

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 5.4. Other Private Services, 2001
[Millions of dollars]

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

See footnotes at end of table.

Table 5.4. Other Private Services, 2001—Continued
 (Millions of dollars)

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

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 6.1. Insurance, 1998

[Millions of dollars]

	Receipts									Payments								
	Total			Primary insurance			Reinsurance			Total			Primary insurance			Reinsurance		
	Net	Premiums received	Losses paid	Net	Premiums received	Losses paid	Net	Premiums received	Losses paid	Net	Premiums paid	Losses recovered	Net	Premiums paid	Losses recovered	Net	Premiums paid	Losses recovered
All countries.....	2,224	7,278	5,054	422	920	498	1,802	6,358	4,556	9,240	20,398	11,158	1,098	1,276	178	8,142	19,122	10,980
Canada.....	129	868	739	52	122	71	77	746	669	636	1,150	514	38	38	(*)	598	1,112	514
Europe.....	672	2,793	2,122	91	234	143	581	2,559	1,979	2,619	7,965	5,346	844	898	54	1,775	7,067	5,292
Belgium-Luxembourg.....	28	100	73	-3	5	8	30	95	65	34	128	95	10	10	(*)	23	118	95
France.....	37	293	256	2	21	19	35	272	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	(*)	-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)	(D)	279	-1	(D)	(D)	(*)	(*)	(*)	-1	(D)	(D)
Other Western Hemisphere	879	1,688	810	60	73	13	819	1,616	797	5,449	10,643	5,194	185	307	123	5,264	10,336	5,071
Bermuda.....	48	602	554	(*)	8	8	48	594	546	3,479	7,189	3,710	187	(D)	(D)	3,292	(D)	(D)
Other.....	831	1,086	256	59	64	5	771	1,022	251	1,970	3,454	1,484	-3	(D)	(D)	1,973	(D)	(D)
Africa.....	1	18	17	1	3	2	(*)	15	15	3	5	2	1	1	(*)	1	4	2
South Africa.....	3	10	7	(*)	(*)	(*)	3	10	7	-1	1	1	(*)	(*)	(*)	-1	1	1
Other.....	-1	8	10	1	3	2	-2	6	8	3	4	1	1	1	(*)	2	3	1
Middle East.....	15	73	58	2	2	(*)	13	70	57	5	8	3	5	5	(*)	(*)	3	3
Israel.....	7	52	45	(*)	1	(*)	6	51	45	-1	(*)	1	(*)	(*)	(*)	-1	(*)	1
Saudi Arabia.....	4	7	4	(*)	1	(*)	3	7	4	0	(*)	1	(*)	(*)	(*)	0	(*)	1
Other.....	5	13	9	1	1	(*)	4	12	9	6	7	1	5	5	(*)	1	3	1
Asia and Pacific.....	398	865	467	58	115	57	341	750	410	527	587	60	24	25	(*)	503	562	59
Australia.....	54	142	88	11	35	25	44	107	63	426	244	-182	14	14	(*)	413	230	-183
China.....	18	12	-6	(*)	1	(*)	18	12	-6	-3	-4	-1	(*)	(*)	(*)	-3	-4	-1
Hong Kong.....	17	37	19	8	14	6	9	23	14	27	(D)	(D)	2	2	(*)	25	(D)	(D)
India.....	-1	9	10	(*)	(*)	0	-1	9	10	2	4	2	(*)	(*)	(*)	2	4	2
Indonesia.....	-3	9	12	1	1	(*)	-4	8	12	(*)	1	(*)	1	1	(*)	0	(*)	(*)
Japan.....	258	453	195	16	24	8	242	429	187	61	291	230	4	4	(*)	57	287	230
Korea, Republic of.....	12	32	20	7	8	2	5	23	18	-4	10	14	(*)	(*)	(*)	-4	10	14
Malaysia.....	(*)	8	8	1	1	0	0	7	8	-1	(*)	1	(*)	(*)	(*)	-1	(*)	1
New Zealand.....	8	14	6	(*)	1	(*)	8	14	6	8	9	(*)	2	2	(*)	6	7	(*)
Philippines.....	2	13	11	1	1	(*)	1	12	11	7	5	-2	(*)	(*)	(*)	7	5	-2
Singapore.....	12	26	15	6	(D)	(D)	6	(D)	(D)	8	14	6	(*)	(*)	(*)	7	14	6
Taiwan.....	18	90	72	3	11	8	15	79	64	-2	2	3	(*)	(*)	(*)	-2	1	3
Thailand.....	5	15	10	3	(D)	(D)	2	(D)	(D)	-3	2	5	(*)	(*)	(*)	-3	2	5
Other.....	-3	4	6	(*)	(*)	(*)	-3	3	6	-1	(D)	(D)	(*)	(*)	(*)	-1	(D)	(D)
International organizations and unallocated.....	118	209	91	91	142	51	27	67	40	2	10	7	0	0	(*)	2	10	
Addenda:																		
European Union ¹	644	2,618	1,974	88	217	129	556	2,401	1,845	2,369	6,734	4,365	813	867	54	1,556	5,867	4,311
Eastern Europe ²	3	60	57	1	1	0	1	59	57	(*)	1	1	(*)	(*)	(*)	0	(*)	1

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 6.2. Insurance, 1999
[Millions of dollars]

	Receipts									Payments								
	Total			Primary insurance			Reinsurance			Total			Primary insurance			Reinsurance		
	Net	Premiums received	Losses paid	Net	Premiums received	Losses paid	Net	Premiums received	Losses paid	Net	Premiums paid	Losses recovered	Net	Premiums paid	Losses recovered	Net	Premiums paid	Losses recovered
All countries.....	1,011	6,780	5,749	334	732	397	676	6,028	5,352	2,683	20,857	18,173	1,329	1,520	191	1,354	19,336	17,982
Canada.....	205	921	716	28	95	67	177	826	649	254	660	406	13	13	(*)	241	647	406
Europe.....	159	2,596	2,438	105	161	57	54	2,435	2,381	-491	9,147	9,638	1,152	1,189	37	-1,643	7,958	9,601
Belgium-Luxembourg.....	18	101	83	1	2	1	17	99	82	61	151	90	3	3	(*)	58	148	90
France.....	63	310	246	3	5	2	61	305	244	238	663	425	44	44	(*)	194	619	425
Germany.....	-47	317	365	5	7	2	-52	311	362	546	2,348	1,802	34	34	(*)	512	2,314	1,802
Italy.....	20	106	85	2	2	(*)	19	104	85	18	123	105	7	7	(*)	11	116	105
Netherlands.....	7	36	29	7	4	-3	-1	32	33	-500	(D)	(D)	(*)	(*)	(*)	-500	(D)	(D)
Norway.....	-32	43	75	-1	5	5	-32	38	70	6	14	8	9	9	(*)	-3	5	8
Spain.....	-5	44	50	2	2	0	-7	43	50	10	14	4	(*)	(*)	(*)	9	13	4
Sweden.....	-13	17	30	1	1	0	-14	16	30	-36	83	119	(*)	(*)	(*)	-36	83	119
Switzerland.....	-23	42	65	1	1	(*)	-24	41	65	-334	745	1,079	7	12	5	-341	733	1,074
United Kingdom.....	184	1,393	1,209	84	121	36	100	1,273	1,173	392	4,049	3,657	1,045	1,076	31	-654	2,973	3,626
Other.....	-12	188	200	(*)	13	13	-12	174	186	-891	(D)	(D)	3	3	(*)	-894	(D)	(D)
Latin America and Other Western Hemisphere.....	392	2,015	1,623	175	220	46	217	1,795	1,578	2,836	10,576	7,740	137	290	154	2,699	10,285	7,586
South and Central America.....	121	646	525	106	145	39	14	501	487	-12	37	49	2	2	(*)	-14	35	49
Argentina.....	46	176	130	27	31	4	18	145	127	-9	16	24	(*)	(*)	(*)	-9	15	24
Brazil.....	7	21	15	8	9	2	-1	12	13	8	9	1	(*)	(*)	(*)	8	9	1
Chile.....	6	57	51	(D)	(D)	1	(D)	(D)	49	0	(*)	(*)	(*)	(*)	(*)	0	(*)	(*)
Mexico.....	72	149	77	30	34	4	42	115	73	2	7	4	1	1	(*)	1	6	4
Venezuela.....	-11	23	34	2	3	1	-13	20	33	(*)	(*)	0	(*)	(*)	0	(*)	(*)	0
Other.....	1	220	219	(D)	(D)	27	(D)	(D)	192	-14	5	19	(*)	(*)	(*)	-15	5	19
Other Western Hemisphere.....	271	1,369	1,098	68	76	7	202	1,293	1,091	2,848	10,539	7,691	135	289	154	2,713	10,250	7,537
Bermuda.....	84	870	786	4	4	1	80	866	785	2,324	7,679	5,356	142	277	135	2,182	7,402	5,220
Other.....	187	499	312	65	71	6	122	428	306	524	2,859	2,335	-7	12	18	531	2,848	2,317
Africa.....	-18	11	29	2	2	1	-20	9	29	(*)	3	2	1	1	(*)	-1	1	2
South Africa.....	2	5	3	(*)	(*)	(*)	2	5	3	(*)	1	1	(*)	(*)	(*)	0	1	1
Other.....	-20	6	26	1	2	1	-22	4	26	(*)	2	1	1	1	(*)	-1	1	1
Middle East.....	-10	71	81	-1	2	3	-10	69	79	(*)	7	7	5	5	(*)	-5	2	7
Israel.....	11	42	31	-1	1	2	12	41	29	-3	1	3	(*)	(*)	(*)	-3	(*)	3
Saudi Arabia.....	-1	3	3	0	(*)	(*)	-1	2	3	1	(*)	0	(*)	(*)	(*)	1	(*)	0
Other.....	-21	26	47	(*)	(*)	(*)	-21	26	47	2	7	4	5	5	(*)	-2	2	4
Asia and Pacific.....	241	948	707	46	134	88	195	814	619	101	446	345	21	21	(*)	81	425	344
Australia.....	4	159	155	2	49	48	3	110	107	-30	153	183	5	5	(*)	-35	148	183
China.....	0	17	17	-1	2	3	1	15	14	1	3	2	2	2	(*)	-1	1	2
Hong Kong.....	20	34	14	(D)	(D)	7	(D)	(D)	7	19	4	-15	(D)	(D)	(*)	(D)	(D)	-15
India.....	0	6	6	(*)	(*)	(*)	0	6	6	-2	2	4	(*)	(*)	(*)	-2	2	4
Indonesia.....	-6	5	11	(*)	1	1	-6	4	10	1	1	0	1	1	(*)	(*)	(*)	0
Japan.....	226	548	322	(D)	(D)	2	(D)	(D)	320	113	260	148	(D)	(D)	(*)	(D)	(D)	148
Korea, Republic of.....	-1	35	36	8	12	4	-9	23	32	2	14	12	(*)	(*)	(*)	2	14	12
Malaysia.....	3	8	5	1	1	0	3	7	5	0	(*)	(*)	(*)	(*)	0	0	(*)	(*)
New Zealand.....	8	12	4	(*)	1	(*)	8	11	4	0	2	2	(*)	(*)	(*)	0	2	2
Philippines.....	-7	14	21	1	1	1	-7	13	20	1	(*)	-1	(*)	(*)	(*)	1	(*)	-1
Singapore.....	-2	32	34	8	(D)	(D)	-9	(D)	(D)	1	2	1	(*)	(*)	(*)	(*)	2	1
Taiwan.....	1	57	56	-1	(D)	(D)	2	(D)	(D)	-1	3	3	(*)	(*)	(*)	-1	2	3
Thailand.....	(*)	17	17	-2	2	5	3	15	12	0	(*)	(*)	(*)	(*)	(*)	0	(*)	(*)
Other.....	-6	3	9	(*)	(*)	(*)	-6	3	9	-2	2	5	(*)	(*)	(*)	-3	2	5
International organizations and unallocated.....	42	197	155	-20	117	137	62	80	18	-18	18	36	(*)	(*)	(*)	-18	18	36
Addenda:																		
European Union ¹	218	2,449	2,231	102	153	50	116	2,297	2,181	-160	8,386	8,546	1,136	1,167	31	-1,296	7,219	8,514
Eastern Europe ²	-4	44	48	1	1	(*)	-5	43	47	-2	(*)	3	(*)	(*)	(*)	-3	(*)	3

* Less than \$500,000.
 D Suppressed to avoid disclosure of data of individual companies.
 1. See table 2, footnote 2.
 2. See table 2, footnote 3.

Table 6.3. Insurance, 2000
(Millions of dollars)

	Receipts									Payments								
	Total			Primary insurance			Reinsurance			Total			Primary insurance			Reinsurance		
	Net	Premiums received	Losses paid	Net	Premiums received	Losses paid	Net	Premiums received	Losses paid	Net	Premiums paid	Losses recovered	Net	Premiums paid	Losses recovered	Net	Premiums paid	Losses recovered
All countries.....	2,050	8,458	6,408	468	977	509	1,582	7,481	5,899	8,175	26,930	18,755	1,264	1,704	440	6,911	25,226	18,315
Canada.....	259	953	693	71	128	58	188	824	636	302	677	375	83	83	(*)	219	594	375
Europe.....	119	2,843	2,725	102	204	102	17	2,640	2,623	2,637	11,133	8,496	1,156	1,247	91	1,481	9,887	8,406
Belgium-Luxembourg.....	30	99	69	(*)	1	1	30	98	68	18	96	79	5	5	0	13	92	79
France.....	-124	384	508	5	6	1	-129	378	507	563	887	324	10	(D)	(D)	553	(D)	(D)
Germany.....	-144	339	483	6	9	3	-150	331	481	-18	2,416	2,434	-2	(D)	(D)	-16	(D)	(D)
Italy.....	20	89	69	1	2	1	19	87	68	77	89	11	1	1	0	76	87	11
Netherlands.....	-1	19	20	5	5	(*)	-6	14	20	28	(D)	(D)	1	1	0	27	(D)	(D)
Norway.....	-24	45	69	6	6	1	-30	39	68	7	16	9	9	9	(*)	-2	7	9
Spain.....	-28	43	72	1	1	(*)	-30	42	72	13	19	6	(*)	(*)	0	13	19	6
Sweden.....	-19	28	48	1	2	1	-21	26	47	-1	124	125	4	4	0	-5	121	125
Switzerland.....	-11	50	61	-1	1	2	-11	49	59	73	1,099	1,025	22	22	0	51	1,077	1,025
United Kingdom.....	336	1,440	1,104	78	130	52	258	1,310	1,052	1,990	4,533	2,543	1,105	1,162	57	885	3,370	2,485
Other.....	85	307	222	0	40	41	85	267	182	-112	(D)	(D)	1	1	(*)	-114	(D)	(D)
Latin America and Other																		
Western Hemisphere.....	470	2,096	1,626	142	239	97	328	1,856	1,528	5,024	14,470	9,446	10	359	349	5,015	14,111	9,097
South and Central America	184	765	580	79	155	77	106	610	504	-7	62	69	2	2	0	-9	60	69
Argentina.....	62	265	202	1	24	23	61	240	179	-8	17	25	(*)	(*)	0	-8	17	25
Brazil.....	10	44	34	5	8	3	4	35	31	2	(D)	(D)	(*)	(*)	0	1	(D)	(D)
Chile.....	17	63	46	7	10	3	10	54	44	1	3	2	(*)	(*)	0	1	3	2
Mexico.....	53	176	124	27	51	24	25	125	100	2	9	6	2	2	0	1	7	6
Venezuela.....	-6	27	34	5	7	2	-11	20	31	-1	0	1	(*)	(*)	0	-1	0	1
Other.....	50	190	140	33	54	21	17	135	119	-4	(D)	(D)	(*)	(*)	0	-4	(D)	(D)
Other Western Hemisphere	286	1,331	1,045	63	84	20	222	1,247	1,025	5,032	14,408	9,376	8	357	349	5,024	14,052	9,028
Bermuda.....	134	730	596	8	6	-2	126	724	598	3,950	9,988	6,037	-5	344	349	3,956	9,644	5,688
Other.....	151	601	449	55	77	22	96	523	427	1,081	4,421	3,339	13	13	0	1,069	4,408	3,339
Africa.....	-1	22	23	3	3	(*)	-4	18	22	0	4	4	1	1	0	-2	3	4
South Africa.....	-10	8	18	0	(*)	(*)	-10	8	18	-1	2	3	(*)	(*)	0	-1	2	3
Other.....	9	13	4	3	3	0	6	10	4	1	2	1	1	1	0	0	(*)	1
Middle East.....	(*)	71	71	2	3	2	-1	68	69	2	9	7	2	2	0	(*)	7	7
Israel.....	11	59	48	1	2	1	10	57	47	-2	5	8	(*)	(*)	0	-2	5	8
Saudi Arabia.....	(*)	1	1	(*)	(*)	(*)	0	1	1	0	(*)	(*)	(*)	(*)	0	0	(*)	(*)
Other.....	-11	11	22	(*)	1	1	-11	10	21	4	3	-1	2	2	0	3	2	-1
Asia and Pacific.....	1,165	2,286	1,121	168	277	109	997	2,008	1,012	144	555	411	12	12	(*)	131	542	411
Australia.....	40	213	173	77	107	30	-37	106	144	17	59	42	2	3	(*)	14	56	42
China.....	-3	20	23	(*)	6	5	-4	14	18	(*)	2	1	(*)	(*)	0	0	1	1
Hong Kong.....	67	95	28	(D)	(D)	6	(D)	(D)	22	9	5	-4	3	3	0	6	3	-4
India.....	-1	3	3	1	1	(*)	-1	2	3	(*)	1	1	(*)	(*)	0	0	1	1
Indonesia.....	11	10	-1	(*)	3	2	11	7	-4	1	1	0	(*)	(*)	0	1	1	0
Japan.....	1,020	1,782	763	(D)	(D)	4	(D)	(D)	759	86	415	329	4	4	0	82	411	329
Korea, Republic of.....	25	44	19	9	15	6	16	29	12	7	16	10	2	2	0	5	15	10
Malaysia.....	1	5	4	1	1	(*)	(*)	4	4	0	(*)	(*)	(*)	(*)	0	0	(*)	(*)
New Zealand.....	6	7	1	(*)	1	1	6	6	(*)	3	5	1	(*)	(*)	0	3	5	1
Philippines.....	9	11	2	-2	(D)	(D)	11	(D)	(D)	(D)	(D)	(D)	(*)	(*)	0	(D)	(D)	(D)
Singapore.....	-29	15	44	(D)	(D)	(D)	(D)	(D)	(D)	1	3	2	(*)	(*)	0	1	3	2
Taiwan.....	15	66	51	10	19	9	5	47	42	6	10	4	(*)	(*)	0	6	10	4
Thailand.....	5	13	7	(*)	(*)	(*)	5	12	7	(*)	1	1	(*)	(*)	0	(*)	1	1
Other.....	-3	2	4	(*)	(*)	(*)	-3	1	4	(D)	(D)	(D)	(*)	(*)	0	(D)	(D)	(D)
International organizations and unallocated.....	39	188	149	-19	122	141	58	66	9	66	82	16	(*)	(*)	0	66	82	16
Addenda:																		
European Union ¹	137	2,675	2,538	102	168	65	35	2,507	2,472	2,563	10,017	7,454	1,125	1,215	91	1,438	8,801	7,363
Eastern Europe ²	12	56	44	-4	(D)	(D)	16	(D)	(D)	-3	1	4	(*)	(*)	0	-3	(*)	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 6.4. Insurance, 2001

[Millions of dollars]

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

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

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

[Millions of dollars]

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

See footnotes at end of table.

Table 7.1. Business, Professional, and Technical Services, Unaffiliated, 1998—Continued
[Millions of dollars]

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

* Less than \$500,000.
 D Suppressed to avoid disclosure of data of individual companies.
 1. Receipts for construction, engineering, architectural, and mining services are published net of merchandise exports, which are included in merchandise trade in the U.S. international transactions accounts, and net of outlays abroad for wages, services, materials, and other expenses. In 1998, total net receipts of \$3,884 million were derived as gross operating revenues of \$8,954 million less merchandise exports of \$1,702 million and foreign expenses of \$3,368 million. The components of the total are as follows: Construction services—net receipts of \$793 million were derived as gross operating revenues of \$3,541 million less merchandise exports of \$308 million and foreign expenses of \$1,760 million. Engineering, architectural, and other technical services—net receipts of \$2,541 million were derived as gross operating revenues of \$4,094 million less merchandise exports of \$548 million and foreign expenses of \$1,005 million. Mining services—net

receipts of \$550 million were derived as gross operating revenues of \$1,318 million less merchandise exports of \$166 million and foreign expenses of \$602 million. Payments for construction, engineering, architectural, and mining services are not published net of merchandise imports and outlays for wages and other expenses. Data are not collected for merchandise imports and wages and other expenses, and no estimates are made because they are believed to be small.
 2. Consists of accounting, auditing, and bookkeeping services, medical services, miscellaneous disbursements, operational leasing, sports and performing arts, training services, and other business, professional, technical services (see footnote 1 table 1).
 3. See table 2, footnote 2.
 4. See table 2, footnote 3.

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

[Millions of dollars]

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

See footnotes at end of table.

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

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

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

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

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

2. See table 7.1, footnote 2.

3. See table 2, footnote 2.

4. See table 2, footnote 3.

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

[Millions of dollars]

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

See footnotes at end of table.

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

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

* Less than \$500,000.
 D Suppressed to avoid disclosure of data of individual companies.
 1. Receipts for construction, engineering, architectural, and mining services are published net of merchandise exports, which are included in merchandise trade in the U.S. international transactions accounts, and net of outlays abroad for wages, services, materials, and other expenses. In 2000, total net receipts of \$2,275 million were derived as gross operating revenues of \$5,984 million less merchandise exports of \$866 million and foreign expenses of \$2,843 million. The components of the total are as follows: Construction services—net receipts of \$680 million were derived as gross operating revenues of \$2,541 million less merchandise exports of \$707 million and foreign expenses of \$1,154 million. Engineering, architectural, and other technical services—net receipts of \$1,309 million were derived as gross operating revenues of \$2,490 million less merchandise exports of \$158 million and foreign expenses of \$1,023 million. Mining services—net receipts of \$286 million were derived as gross operating revenues of \$953 million less merchandise exports of \$1 million and foreign expenses of \$666 million. Payments for construction, engineering, architectural, and mining services are not published net of merchandise imports and outlays for wages and other expenses. Data are not collected for merchandise imports and wages and other expenses, and no estimates are made because they are believed to be small.
 2. See table 7.1, footnote 2.
 3. See table 2, footnote 2.
 4. See table 2, footnote 3.

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

[Millions of dollars]

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

See footnotes at end of table.

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

	Payments										
	Total	Advertising	Computer and data processing services	Database and other information services	Research, development, and testing services	Management, consulting, and public relations services	Legal services	Construction, engineering, architectural, and mining services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Other ²
All countries.....	10,040	861	1,016	260	1,064	998	755	471	260	996	3,339
Canada.....	2,205	179	547	15	100	149	44	57	25	524	565
Europe.....	4,368	361	222	210	575	499	425	108	125	343	1,500
Belgium-Luxembourg.....	146	13	(D)	10	16	21	15	4	5	6	(D)
France.....	346	27	25	(D)	31	45	30	7	12	14	(D)
Germany.....	480	48	16	8	66	63	62	3	15	47	152
Italy.....	201	21	3	1	7	8	10	(*)	12	47	92
Netherlands.....	216	12	4	14	11	18	11	8	2	14	123
Norway.....	28	3	(*)	1	3	2	4	7	1	1	6
Spain.....	145	26	8	(D)	4	11	10	(*)	5	5	(D)
Sweden.....	122	5	(*)	(*)	24	11	8	3	(*)	57	14
Switzerland.....	266	10	4	3	153	7	13	1	(*)	5	70
United Kingdom.....	1,852	171	90	90	194	256	216	57	42	101	635
Other.....	566	26	(D)	4	66	57	47	19	31	45	(D)
Latin America and Other Western Hemisphere.....	753	77	7	3	62	85	85	42	7	27	358
South and Central America.....	686	72	6	2	50	80	68	41	6	23	337
Argentina.....	58	8	1	(*)	11	3	9	(*)	(*)	2	24
Brazil.....	149	34	3	(*)	6	21	17	9	(*)	7	51
Chile.....	16	1	(*)	(*)	2	2	3	(*)	(*)	(*)	8
Mexico.....	212	19	2	(*)	9	25	21	9	6	13	108
Venezuela.....	77	2	1	1	5	2	3	(*)	(*)	(*)	63
Other.....	174	8	(*)	(*)	16	27	15	22	(*)	1	83
Other Western Hemisphere.....	67	4	1	2	12	6	18	1	(*)	3	21
Bermuda.....	33	1	(*)	(*)	9	1	12	1	(*)	1	9
Other.....	35	3	1	2	3	5	6	(*)	(*)	2	12
Africa.....	380	6	(D)	(*)	61	28	7	86	(D)	1	153
South Africa.....	128	4	(D)	(*)	34	3	3	(*)	(D)	(*)	25
Other.....	253	2	1	(*)	26	24	4	65	(*)	1	128
Middle East.....	346	15	(D)	4	70	36	14	107	(D)	12	64
Israel.....	132	3	6	4	31	4	7	21	6	11	39
Saudi Arabia.....	79	(*)	(D)	(*)	22	28	3	4	(D)	(*)	11
Other.....	135	12	(*)	(*)	18	4	4	82	(*)	1	14
Asia and Pacific.....	1,986	243	208	28	197	199	180	91	52	88	700
Australia.....	216	20	11	3	16	16	22	17	(*)	4	107
China.....	103	3	9	5	10	5	10	2	6	12	42
Hong Kong.....	116	9	1	(*)	1	7	18	1	(*)	4	74
India.....	242	1	122	3	16	37	3	5	21	1	33
Indonesia.....	49	1	(*)	(*)	3	16	2	3	(*)	2	22
Japan.....	711	176	16	8	105	24	75	10	24	47	226
Korea, Republic of.....	128	10	(*)	1	4	8	17	(D)	1	2	(D)
Malaysia.....	17	2	(*)	(*)	2	5	1	(*)	(*)	(*)	6
New Zealand.....	10	2	(*)	1	1	(*)	2	(*)	(*)	(*)	5
Philippines.....	96	2	34	3	3	(D)	3	2	(*)	(*)	(D)
Singapore.....	77	4	1	2	14	2	6	1	(*)	3	45
Taiwan.....	92	9	8	3	7	10	10	3	(*)	11	30
Thailand.....	61	2	3	(*)	9	28	6	2	(*)	(*)	11
Other.....	69	3	(*)	(*)	7	(D)	3	(D)	(*)	2	(D)
International organizations and unallocated.....	3	(*)	2	(*)	(*)	(*)	1	(*)	(*)	(*)	(*)
Addenda:											
European Union ³	3,764	339	214	207	378	461	378	90	115	307	1,275
Eastern Europe ⁴	235	4	3	(*)	34	19	22	10	8	6	128

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

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

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

2. See table 7.1, footnote 2.

3. See table 2, footnote 2.

4. See table 2, footnote 3.

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

[Millions of dollars]

Country ¹	Sales by MOFA's to foreign persons								Sales by MOUSA's to U.S. persons							
	1993	1994	1995	1996	1997	1998	1999 ²	2000	1993	1994	1995	1996	1997 ³	1998	1999	2000
All countries.....	142,603	159,149	190,057	223,175	255,335	286,066	353,207	392,784	134,700	145,414	149,663	168,444	223,060	245,472	293,485	346,669
Canada.....	18,265	17,776	18,534	21,160	24,128	25,698	34,741	44,317	23,507	22,285	26,620	27,282	35,064	41,871	47,438	51,328
Europe.....	79,578	84,599	105,111	128,665	147,698	165,170	198,673	204,815	78,255	86,156	89,978	101,296	134,865	150,093	187,596	233,282
Belgium.....	(D)	3,886	4,277	4,260	4,283	4,552	4,781	5,359	533	471	164	349	130	262	850	1,253
France.....	10,292	10,897	14,183	15,868	14,567	17,704	19,641	19,291	7,506	11,315	12,141	12,260	16,011	18,456	21,436	30,098
Germany.....	12,744	12,434	17,618	21,829	19,102	20,105	29,732	28,981	10,687	10,728	11,904	16,991	22,171	27,396	29,467	43,767
Italy.....	5,187	4,528	5,176	6,462	6,319	7,455	(D)	7,474	819	917	750	993	914	818	1,926	2,020
Netherlands.....	7,740	8,111	9,134	10,668	10,911	13,504	13,466	11,935	8,667	(D)	9,860	10,511	15,411	21,210	32,759	40,160
Norway.....	793	878	(D)	1,626	1,818	2,152	2,366	1,995	479	539	527	2,031	1,624	1,755	5,348	1,321
Spain.....	2,095	2,211	2,869	3,106	3,115	3,302	4,176	4,614	168	179	182	215	317	333	346	(D)
Sweden.....	(D)	(D)	(D)	2,883	2,881	(D)	(D)	(D)	(D)	(D)	2,413	1,490	1,820	2,892	4,496	7,611
Switzerland.....	3,140	3,187	4,006	4,497	4,133	4,861	4,981	4,413	11,655	12,589	12,758	15,174	19,040	20,540	23,105	31,152
United Kingdom.....	28,496	31,810	38,114	50,330	73,112	78,849	94,158	101,413	33,359	35,563	35,409	37,812	55,035	54,944	65,683	73,093
Other.....	(D)	(D)	6,003	7,126	7,457	(D)	13,280	(D)	(D)	(D)	3,871	3,468	2,392	1,488	2,179	(D)
Latin America and Other Western Hemisphere	9,526	12,588	15,791	17,457	23,781	32,534	41,551	50,277	3,432	4,100	4,209	5,474	6,877	8,000	12,567	13,971
South and Central America.....	5,580	8,354	10,893	12,143	15,449	23,248	28,861	35,439	819	944	969	1,098	1,128	1,160	1,043	1,271
Argentina.....	751	1,463	2,012	2,584	(D)	(D)	4,793	(D)	3	3	3	2	4	5	5	6
Brazil.....	1,875	2,361	3,008	3,457	4,574	10,387	10,001	13,072	36	40	40	59	108	119	109	207
Chile.....	465	865	1,530	1,146	1,425	1,830	2,235	3,115	0	0	0	(*)	(D)	26	173	202
Mexico.....	1,310	1,772	1,850	2,003	(D)	3,014	5,326	6,653	348	488	517	554	559	543	354	500
Venezuela.....	(D)	1,054	(D)	1,689	(D)	2,895	3,220	3,598	197	214	223	256	232	187	(D)	(D)
Other.....	(D)	839	(D)	1,263	1,843	(D)	3,286	(D)	235	199	186	227	(D)	280	(D)	(D)
Other Western Hemisphere.....	3,946	4,233	4,898	5,313	8,332	9,286	12,690	14,838	2,613	3,156	3,240	4,376	5,748	6,840	11,524	12,701
Bermuda.....	(D)	(D)	(D)	(D)	(D)	6,594	7,471	8,797	1,133	1,373	1,460	1,752	2,907	3,060	5,976	6,362
Other.....	(D)	(D)	(D)	(D)	(D)	2,692	5,219	6,041	1,480	1,783	1,780	2,624	2,841	3,781	5,548	6,338
Africa, Middle East, and Asia and Pacific.....	32,496	41,663	48,088	53,336	56,797	60,169	78,242	93,375	(D)	(D)	28,226	33,495	44,304	42,807	(D)	(D)
Africa.....	727	(D)	1,677	1,776	2,102	(D)	2,536	2,905	(D)	(D)	237	248	232	923	(D)	(D)
South Africa.....	35	109	529	(D)	958	1,131	(D)	(D)	173	179	169	202	191	(D)	(D)	(D)
Other.....	692	(D)	1,148	(D)	1,144	(D)	(D)	(D)	(D)	(D)	68	46	41	(D)	(D)	(D)
Middle East.....	1,808	(D)	1,643	1,879	2,045	(D)	4,391	4,604	1,848	1,915	1,803	1,955	2,037	2,260	2,202	2,332
Israel.....	(D)	(D)	(D)	(D)	(D)	(D)	671	1,761	172	164	251	237	239	251	236	271
Saudi Arabia.....	809	720	(D)	(D)	(D)	(D)	(D)	(D)	533	570	591	703	483	483	650	631
Other.....	(D)	(D)	633	(D)	755	803	(D)	(D)	1,143	1,181	961	1,015	1,316	1,526	1,315	1,430
Asia and Pacific.....	29,961	39,033	44,768	49,681	52,649	55,347	71,315	85,866	26,756	30,069	26,186	31,293	42,036	39,623	40,810	41,386
Australia.....	3,964	5,550	6,489	8,821	9,713	11,381	14,699	14,903	(D)	(D)	4,321	5,886	8,854	9,046	8,062	8,731
China.....	59	320	453	575	776	828	(D)	2,080	42	45	58	63	(D)	64	73	80
Hong Kong.....	3,351	4,043	4,424	5,310	5,915	6,774	8,065	9,271	1,682	1,759	2,003	1,829	1,388	1,546	1,424	1,262
India.....	(D)	47	116	102	222	341	506	992	16	24	30	(D)	94	133	175	196
Indonesia.....	256	249	324	415	(D)	(D)	613	44	53	40	49	56	96	78	93	93
Japan.....	15,672	19,545	21,693	21,921	21,684	23,095	26,425	33,277	20,337	23,203	18,621	21,398	28,383	26,177	28,729	28,531
Korea, Republic of.....	699	(D)	1,141	1,299	1,229	996	1,701	2,281	375	252	238	827	300	322	374	385
Malaysia.....	642	1,136	(D)	1,391	(D)	1,034	1,597	2,094	124	180	162	272	328	292	(D)	(D)
New Zealand.....	394	848	1,175	1,075	1,056	869	(D)	(D)	19	15	14	20	47	51	23	24
Philippines.....	257	397	(D)	518	589	602	(D)	888	12	12	10	10	8	11	23	20
Singapore.....	1,733	2,234	2,492	3,103	3,670	3,166	4,608	5,383	112	188	244	343	1,761	1,038	879	979
Taiwan.....	1,898	2,473	3,028	3,362	3,965	4,190	(D)	(D)	148	283	310	386	581	636	582	694
Thailand.....	879	(D)	1,593	1,618	1,490	(D)	1,475	2,280	2	2	2	2	(*)	(*)	(*)	(*)
Other.....	(D)	(D)	(D)	172	254	464	(D)	(D)	(D)	(D)	134	(D)	(D)	213	(D)	(D)
International ⁴.....	2,738	2,523	2,531	2,567	2,930	2,495										
United States ⁵.....									(D)	(D)	630	898	1,950	2,701	(D)	(D)
Addenda:																
European Union ⁶	72,315	76,497	99,012	121,510	140,471	156,068	187,730	194,034	64,243	71,319	76,612	83,987	114,106	127,698	159,017	200,654
Eastern Europe ⁷	53	423	438	577	834	1,601	2,838	3,468	10	12	20	22	20	34	55	53

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

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

2. See table A, footnote 4.

3. See table A, footnote 3.

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

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

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

6. See table 2, footnote 2.

7. See table 2, footnote 3.

MNC Multinational company

MOFA Majority-owned foreign affiliate

MOUSA Majority-owned U.S. affiliate

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

	All countries	Canada	Europe						Latin America and Other Western Hemisphere	Other countries		
			Total	Of which:						Total	Of which:	
				France	Germany	Netherlands	Switzerland	United Kingdom			Australia	Japan
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
All industries	353,207	34,741	198,673	19,641	29,732	13,466	4,981	94,158	41,551	78,242	14,699	26,425
Manufacturing	10,757	2,095	6,467	865	(D)	159	4	(D)	1,330	866	206	108
<i>Of which:</i>												
Food	(D)	(D)	30	0	1	14	0	0	53	60	58	0
Chemicals	412	6	358	66	128	(*)	0	127	10	38	37	0
Primary and fabricated metals	98	1	85	2	5	16	0	39	12	0	0	0
Machinery	1,403	80	467	100	20	25	0	189	737	120	44	0
Computers and electronic products	6,855	(D)	4,674	640	(D)	0	2	142	(D)	149	10	41
Electrical equipment, appliances, and components	69	50	8	4	0	0	0	2	2	9	0	0
Transportation equipment	(D)	267	(D)	0	(D)	0	0	1	1	(D)	56	0
Wholesale trade	15,774	2,998	8,692	1,532	462	887	1,003	1,336	971	3,114	314	688
<i>Of which:</i>												
Motor vehicles and motor vehicle parts and supplies	13	11	2	0	0	0	2	0	0	0	0	0
Professional and commercial equipment and supplies	12,082	711	7,805	1,490	366	800	766	1,101	873	2,694	208	569
Retail trade	468	62	70	4	6	0	0	17	23	313	0	1
Information	61,888	3,124	39,917	3,008	9,121	3,483	1,490	14,701	9,186	9,661	2,347	(D)
Publishing industries	12,681	664	(D)	726	1,093	1,101	(D)	3,572	606	(D)	514	(D)
Newspaper, periodical, book, and database publishers	5,147	375	(D)	304	507	382	(D)	2,050	303	(D)	246	(D)
Software publishers	7,534	288	5,076	422	586	719	164	1,522	302	1,868	268	917
Motion picture and sound recording industries	8,646	912	5,657	703	799	1,454	51	1,630	510	1,567	377	(D)
Motion picture and video industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Sound recording industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Broadcasting and telecommunications	25,853	325	14,583	658	(D)	390	(D)	4,751	7,186	3,759	667	335
Broadcasting, cable networks, and program distribution	(D)	0	1,857	264	5	(D)	(D)	667	236	(D)	216	6
Telecommunications	(D)	325	12,726	394	(D)	(D)	(D)	4,083	6,950	(D)	451	330
Information services and data processing services	14,708	1,224	(D)	921	(D)	538	770	4,749	884	(D)	789	438
Information services	3,884	(D)	(D)	124	(D)	155	(D)	1,400	303	679	(D)	(D)
Data processing services	10,824	(D)	8,054	797	1,318	383	(D)	3,348	581	(D)	(D)	(D)
Finance (except depository institutions) and insurance	84,496	7,794	37,314	1,436	6,487	905	446	(D)	12,620	26,768	2,047	13,646
Finance (except depository institutions)	31,641	3,068	19,705	685	719	(D)	(D)	15,379	2,884	5,985	1,604	2,425
Nondepository credit intermediation and related services	10,164	(D)	4,938	(D)	(D)	(D)	(D)	(D)	1,750	(D)	(D)	1,109
Securities, commodity contracts, and other intermediation and related activities	20,670	1,295	14,730	(D)	378	123	(D)	12,444	991	3,654	993	1,316
Funds, trusts, and other financial vehicles	807	(D)	37	1	(D)	0	0	(D)	143	(D)	(D)	0
Insurance carriers and related activities	52,855	4,726	17,609	751	5,767	(D)	(D)	(D)	9,736	20,783	443	11,220
Insurance carriers, except life insurance carriers	32,621	2,694	(D)	491	(D)	(D)	(D)	6,380	8,638	(D)	276	(D)
Life insurance carriers	18,010	1,869	1,737	(D)	0	0	(D)	1,118	1,022	13,363	(D)	4,556
Agencies, brokerages, and other insurance related activities	2,224	164	(D)	(D)	(D)	(D)	5	(D)	76	(D)	(D)	(D)
Real estate and rental and leasing	(D)	1,485	6,970	1,058	502	811	71	2,846	(D)	(D)	303	562
Real estate	(D)	134	640	248	25	10	(*)	331	(D)	145	(D)	(D)
Rental and leasing (except real estate)	(D)	1,351	6,330	810	477	801	71	2,515	(D)	(D)	(D)	(D)
Professional, scientific, and technical services	63,898	3,955	38,850	3,631	5,310	2,456	1,087	(D)	5,226	15,867	(D)	(D)
Architectural, engineering, and related services	11,939	1,434	7,879	652	396	721	23	4,950	456	2,170	817	51
Computer systems design and related services	(D)	1,249	15,889	1,388	2,486	1,191	207	(D)	2,564	(D)	(D)	6,337
Management, scientific, and technical consulting	(D)	462	5,471	463	1,030	192	568	1,747	1,176	(D)	357	329
Other	13,660	810	9,611	1,129	1,398	352	288	3,982	1,031	2,208	423	(D)
Legal services	821	7	604	159	60	0	1	281	2	208	13	48
Accounting, tax preparation, bookkeeping, and payroll services	423	(D)	156	70	0	0	0	(D)	19	(D)	(D)	(D)
Specialized design services	146	1	48	2	0	0	0	(D)	(D)	(D)	(D)	0
Scientific research and development services	(D)	(D)	1,692	183	226	53	90	701	(D)	(D)	87	(D)
Advertising and related services	(D)	433	5,647	631	859	230	(D)	2,349	651	(D)	199	255
Other professional, scientific, and technical services	2,330	79	1,463	84	254	70	(D)	570	251	537	29	78
Other industries	(D)	13,228	60,394	8,106	(D)	4,764	880	33,554	(D)	(D)	(D)	1,457
Agriculture, forestry, fishing, and hunting	112	21	21	(D)	0	(D)	0	5	55	15	8	0
Mining	8,959	1,882	2,869	42	40	342	(D)	1,698	2,589	1,619	180	6
Utilities	32,615	4,249	19,184	0	(D)	200	0	(D)	3,485	5,697	2,790	0
Construction ¹	711	118	(D)	0	2	0	0	(D)	(D)	197	193	0
Transportation and warehousing	17,355	2,008	7,343	533	1,535	643	201	2,570	2,067	5,936	281	450
<i>Of which:</i>												
Air transportation	(D)	76	(D)	(D)	(D)	(D)	(D)	(D)	99	(D)	(D)	(D)
Rail transportation	1,086	108	(D)	0	0	0	0	(D)	(D)	(D)	(D)	0
Water transportation	2,638	(D)	(D)	0	1	(D)	(D)	305	1,164	880	(D)	(D)
Truck transportation	1,353	578	142	0	0	0	0	92	(D)	(D)	0	6
Support activities for transportation	4,691	291	1,892	215	321	314	71	697	207	2,301	134	94
Management of companies and enterprises	742	18	436	26	(D)	6	0	162	108	181	(D)	(D)
Administration, support, and waste management	22,212	1,603	17,714	5,975	736	3,255	185	5,388	813	2,081	858	665
Administrative and support services	(D)	(D)	(D)	5,975	(D)	(D)	(D)	(D)	(D)	(D)	(D)	665
<i>Of which:</i>												
Employment services	10,862	587	8,975	(D)	419	424	(D)	2,579	270	1,031	464	(D)
Travel arrangement and reservation services	3,618	6	3,570	0	0	2,393	0	1,166	(D)	(D)	1	(D)
Waste management and remediation services	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0
Health care and social assistance	343	30	266	1	7	2	(D)	(D)	29	17	2	0
Accommodation and food services	(D)	2,335	8,184	710	1,818	56	237	3,242	(D)	3,638	1,248	15
Accommodation	(D)	489	2,215	(D)	203	51	(D)	953	580	(D)	222	15
Food services and drinking places	12,125	1,846	5,969	(D)	1,615	5	(D)	2,289	(D)	(D)	1,026	0
Miscellaneous services	(D)	963	(D)	(D)	586	(D)	85	1,747	322	(D)	489	(D)
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	18	88	(D)	(D)	(D)	97
Arts, entertainment, and recreation	1,020	135	636	23	(D)	(D)	(D)	396	55	194	(D)	(D)
Other services (except public administration and private households)	4,690	(D)	3,044	771	452	180	(D)	1,263	(D)	683	401	(D)

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

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

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

	All countries	Canada	Europe						Latin America and Other Western Hemisphere	Other countries		
			Total	Of which:						Total	Of which:	
				France	Germany	Netherlands	Switzerland	United Kingdom			Australia	Japan
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
All Industries	392,784	44,317	204,815	19,291	28,981	11,935	4,413	101,413	50,277	93,375	14,903	33,277
Manufacturing	9,532	1,960	5,598	710	2,717	102	17	598	1,218	756	148	124
<i>Of which:</i>												
Food	150	41	52	0	0	45	0	2	43	13	13	0
Chemicals	547	25	449	150	128	(*)	0	155	20	53	35	12
Primary and fabricated metals	80	1	73	7	3	0	0	80	6	0	0	0
Machinery	1,249	73	382	19	21	22	0	176	(D)	(D)	38	0
Computers and electronic products	5,839	(D)	3,876	469	(D)	0	17	130	(D)	459	10	59
Electrical equipment, appliances, and components	79	(D)	10	4	0	0	0	1	4	(D)	0	0
Transportation equipment	1,068	581	(D)	3	(D)	0	0	2	(D)	(D)	50	0
Wholesale trade	18,809	(D)	8,602	1,409	516	757	741	1,579	1,098	(D)	397	970
<i>Of which:</i>												
Motor vehicles and motor vehicle parts and supplies	(D)	6	(D)	0	0	0	0	(D)	0	(D)	0	(D)
Professional and commercial equipment and supplies	12,728	674	7,969	1,379	446	678	679	1,390	1,009	3,075	340	841
Retail trade	1,104	(D)	19	4	6	0	0	(*)	28	(D)	0	0
Information	66,038	3,779	(D)	2,674	9,094	4,415	1,015	15,433	10,914	(D)	2,678	3,336
Publishing industries	14,432	(D)	(D)	661	1,039	1,631	206	4,265	677	(D)	569	(D)
Newspaper, periodical, book, and database publishers	5,778	(D)	(D)	280	466	284	42	2,658	402	(D)	253	(D)
Software publishers	8,655	311	5,849	381	573	1,347	164	1,607	274	2,220	315	1,133
Motion picture and sound recording industries	(D)	1,042	5,749	673	756	1,671	58	1,528	606	(D)	361	1,157
Motion picture and video industries	7,457	(D)	4,778	592	(D)	1,625	29	(D)	474	(D)	291	(D)
Sound recording industries	(D)	(D)	971	81	(D)	46	29	(D)	131	(D)	404	70
Broadcasting and telecommunications	28,036	(D)	15,207	513	6,054	569	80	5,014	8,631	(D)	973	461
Broadcasting, cable networks, and program distribution	2,542	0	2,026	(D)	5	0	0	619	231	285	239	6
Telecommunications	25,494	(D)	13,181	(D)	6,049	(D)	80	4,395	8,400	(D)	734	454
Information services and data processing services	(D)	1,628	9,791	827	1,245	543	671	4,626	1,001	(D)	775	(D)
Information services	4,311	(D)	2,799	116	288	265	(D)	1,472	354	(D)	(D)	(D)
Data processing services	(D)	(D)	6,992	711	957	279	(D)	3,154	647	1,227	(D)	175
Finance (except depository institutions) and insurance	101,843	8,105	43,284	1,443	6,846	1,114	342	28,346	15,573	34,881	2,297	17,250
Finance (except depository institutions)	38,633	3,456	24,305	753	803	(D)	(D)	18,158	3,538	7,335	1,881	2,874
Nondepository credit intermediation and related services	11,847	(D)	5,929	547	(D)	(D)	(D)	3,588	1,876	(D)	875	1,191
Securities, commodity contracts, and other intermediation and related activities	25,565	1,645	18,195	206	420	364	164	14,556	1,502	4,222	655	1,683
Funds, trusts, and other financial vehicles	1,222	(D)	181	1	(D)	(D)	0	13	160	(D)	352	(*)
Insurance carriers and related activities	63,210	4,649	18,979	689	6,043	(D)	(D)	10,189	12,035	27,547	416	14,376
Insurance carriers, except life insurance carriers	36,025	(D)	14,608	309	5,836	18	(D)	7,325	10,432	(D)	234	(D)
Life insurance carriers	24,037	1,592	1,867	(D)	0	0	(D)	1,279	1,383	19,196	(D)	6,806
Agencies, brokerages, and other insurance related activities	3,148	(D)	2,505	(D)	207	(D)	(D)	1,585	221	(D)	(D)	(D)
Real estate and rental and leasing	11,427	1,545	7,758	1,587	581	634	49	2,829	996	1,127	335	482
Real estate	(D)	57	769	391	26	11	(*)	285	69	(D)	(D)	62
Rental and leasing (except real estate)	(D)	1,488	6,989	1,196	555	822	49	2,544	927	(D)	(D)	420
Professional, scientific, and technical services	69,696	5,007	39,310	3,618	4,839	2,026	1,163	(D)	5,603	19,775	(D)	(D)
Architectural, engineering, and related services	11,268	2,094	6,749	240	97	478	27	4,560	468	1,957	455	110
Computer systems design and related services	(D)	1,252	16,143	1,360	2,521	950	237	(D)	2,712	(D)	(D)	7,966
Management, scientific, and technical consulting	(D)	639	5,705	480	974	187	519	1,896	1,272	(D)	396	(D)
Other	15,625	1,023	10,712	1,539	1,247	411	379	4,166	1,152	2,738	366	546
Legal services	865	7	637	167	62	0	1	302	2	218	13	55
Accounting, tax preparation, bookkeeping, and payroll services	721	317	226	72	0	0	0	(D)	20	158	(D)	(D)
Specialized design services	98	1	59	2	0	0	0	(D)	7	31	(D)	0
Scientific research and development services	2,700	151	1,735	144	220	30	96	755	118	697	83	(D)
Advertising and related services	8,753	466	6,485	1,030	904	301	184	2,258	764	1,038	205	264
Other professional, scientific, and technical services	2,487	81	1,571	125	61	80	99	697	240	596	27	107
Other industries	114,335	(D)	(D)	7,846	4,382	2,688	1,086	(D)	14,846	(D)	(D)	(D)
Agriculture, forestry, fishing, and hunting	91	26	22	(D)	0	4	0	6	25	18	10	0
Mining	10,406	2,869	2,728	61	41	365	64	1,602	3,080	1,728	114	7
Utilities	39,187	6,958	22,042	0	(D)	0	0	20,728	4,916	5,271	2,136	0
Construction ¹	(D)	0	14	0	3	0	0	6	13	(D)	(D)	0
Transportation and warehousing	20,348	2,243	8,236	566	1,592	725	341	3,357	2,572	7,298	425	615
<i>Of which:</i>												
Air transportation	1,648	108	771	(D)	71	52	9	411	106	663	35	(D)
Rail transportation	1,500	(D)	1,050	0	0	0	0	1,050	(D)	131	131	0
Water transportation	4,013	21	820	0	1	(D)	139	354	1,413	1,759	44	13
Truck transportation	1,793	688	391	0	(D)	0	0	346	(D)	(D)	0	7
Support activities for transportation	4,568	342	1,905	292	269	350	89	581	296	2,025	140	(D)
Management of companies and enterprises	(D)	43	509	9	9	9	(*)	269	604	(D)	5	12
Administration, support, and waste management	(D)	1,967	(D)	5,562	557	589	219	4,035	836	2,318	958	822
Administrative and support services	17,164	(D)	(D)	5,562	557	589	219	4,035	817	(D)	956	822
<i>Of which:</i>												
Employment services	11,060	424	9,134	(D)	(D)	383	149	2,826	221	1,281	614	(D)
Travel arrangement and reservation services	68	6	15	0	0	0	0	3	22	25	1	24
Waste management and remediation services	(D)	(D)	0	0	0	0	0	0	19	(D)	3	0
Health care and social assistance	614	31	349	(D)	7	2	104	119	170	64	2	0
Accommodation and food services	(D)	2,646	8,274	795	1,692	70	240	3,340	2,209	(D)	1,119	17
Accommodation	(D)	615	2,271	(D)	199	65	(D)	985	636	(D)	194	17
Food services and drinking places	12,940	2,031	6,003	(D)	1,493	5	(D)	2,355	1,573	3,332	925	0
Miscellaneous services	(D)	(D)	4,039	821	(D)	(D)	117	(D)	422	1,343	446	(D)
Educational services	(D)	(D)	512	24	(D)	(D)	53	(D)	64	239	36	103
Arts, entertainment, and recreation	1,190	139	786	23	32	7	22	524	90	174	49	78
Other services (except public administration and private households)	4,785	845	2,741	774	359	247	42	1,071	268	930	361	(D)

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.
MNC Multinational company
MOFA Majority-owned foreign affiliate

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

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

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

* Less than \$500,000.
 D Suppressed to avoid disclosure of data of individual companies.
 MNC Multinational company
 MOUSA Majority-owned U.S. affiliate
 UBO Ultimate beneficial owner

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

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

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

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

MNC Multinational company

MOUSA Majority-owned U.S. affiliate

UBO Ultimate beneficial owner

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

State Personal Income

Revised Estimates for 1999–2001

By Jeffrey L. Newman

THE Bureau of Economic Analysis (BEA) has released revised estimates of State personal income for 1999–2001. These estimates incorporate the results of the recent annual revision of the national income and product accounts (NIPA's) and newly available State source data that are more complete, more detailed, and otherwise more appropriate than those that were previously available.¹

In general, the revisions to personal income were relatively small. For the Nation, personal income for 2001 was revised up 0.7 percent. By State, the largest revisions were to personal income in Vermont, up 2.2 percent, and in Wyoming, up 2.1 percent.

For 2001, the small upward revision to U.S. personal income based on the sum of the estimates for all States differs markedly from the substantial downward revision to the NIPA estimate of personal income in the recent annual revision. The difference primarily reflects the timing of the incorporation of the Bureau of Labor

1. See Eugene P. Seskin and Stephanie H. McCulla, "Annual Revision of the National Income and Product Accounts: Annual Estimates, 1999–2001 and Quarterly Estimates, 1999:I–2002:I," SURVEY OF CURRENT BUSINESS 82 (August 2002): 7–34.

For a detailed description of the sources and methods used to prepare the estimates of State personal income, see U.S. Bureau of Economic Analysis, *State Personal Income, 1929–97* (Washington, DC: U.S. Government Printing Office, May 1999), or go to BEA's Web site at <www.bea.gov>, select methodologies, regional programs, and State Personal Income, 1929–97.

Personal Income in the NIPA's and State Personal Income

The main differences between the national income and product accounts (NIPA) estimates of personal income and the State estimates of personal income stem from the treatment of the income of U.S. residents who are working abroad and the treatment of the income of foreign residents who are working in the United States. The national total of the State estimates of personal income consists of only the income earned by persons who live within the United States, including foreign residents working in the United States.

The measure of personal income in the NIPA's is broader. It includes the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents on foreign assignment for less than a year, and it includes

the investment income that is received by Federal retirement plans of Federal workers stationed abroad. Earnings of foreign residents are included only if they live and work in the United States for a year or more.

The annual estimates of personal income in the NIPA's also differ from the national totals of State personal income because of differences in the timing of the availability of source data. For example, the national total of the State estimates of farm proprietors' income for 2001 was \$1.2 billion greater than the NIPA estimate of farm proprietors' income because the State estimates include more recent data from the U.S. Department of Agriculture than were available when the NIPA estimate was prepared.

Relation of National and State Estimates of Personal Income

[Billions of dollars]

	1999	2000	2001
Personal income, NIPA's	7,786.5	8,406.6	8,685.3
Less adjustments for:			
Coverage differences	8.0	7.9	7.9
Federal workers abroad.....	14.7	15.1	16.0
Wage and salary disbursements.....	9.8	10.0	10.6
Other labor income.....	4.4	4.6	4.9
Dividends, interest, and rent ¹	1.0	1.0	1.1
Less: Personal contributions for social insurance.....	0.5	0.5	0.6
Rest-of-the-world ²	-6.7	-7.2	-8.1
Use of more current source data	-1.0	-0.1	-0.9
Wage and salary disbursements.....	0.1	0.2	0.3
Farm proprietors' income.....	-1.1	-0.3	-1.2
Equals: State personal income	7,779.5	8,398.8	8,678.3

1. Consists of the investment income received by Federal retirement plans that is attributed to Federal workers stationed abroad.

2. Consists of the wages and salaries received by U.S. residents working temporarily (less than a year) abroad and foreign residents working temporarily in the United States. NIPA National income and product accounts

Statistics (BLS) tabulations of wages and salaries for 2001. The preliminary annual estimates of State personal income that were published in the May SURVEY OF CURRENT BUSINESS, and that are updated by the revisions presented here, had already incorporated the BLS tabulations for three quarters of 2001 (see the box "Note on the Estimates of State Personal Income" in Duke Tran, "State Per Capita Personal Income and State Personal Income, 2001," SURVEY 82 (May 2002): 36–37). These tabulations were incorporated into the NIPA estimates as part of the recent annual revision.²

The revised estimates of personal income and per capita personal income by State for 2001 demonstrate the widespread weakness of the State economies last year. For the Nation, growth in personal income was revised down 0.4 percentage point, to 3.3 percent, from the preliminary estimate that was published in the May SURVEY.

The weakness in State personal income was partly accounted for by slowdowns in both traditional and

high-tech manufacturing and in services.³ The weakness was concentrated mainly in the Great Lakes States and the Pacific Coast States (chart A).

This article introduces a change in industry classification for the State-level earnings and employment estimates produced by BEA. The 2001 estimates presented here are based on new industry classifications derived from the 2002 version of the North American Industry Classification System (NAICS) (see the box "New Industry Classifications" on page 129).

According to the State estimates for 2001,

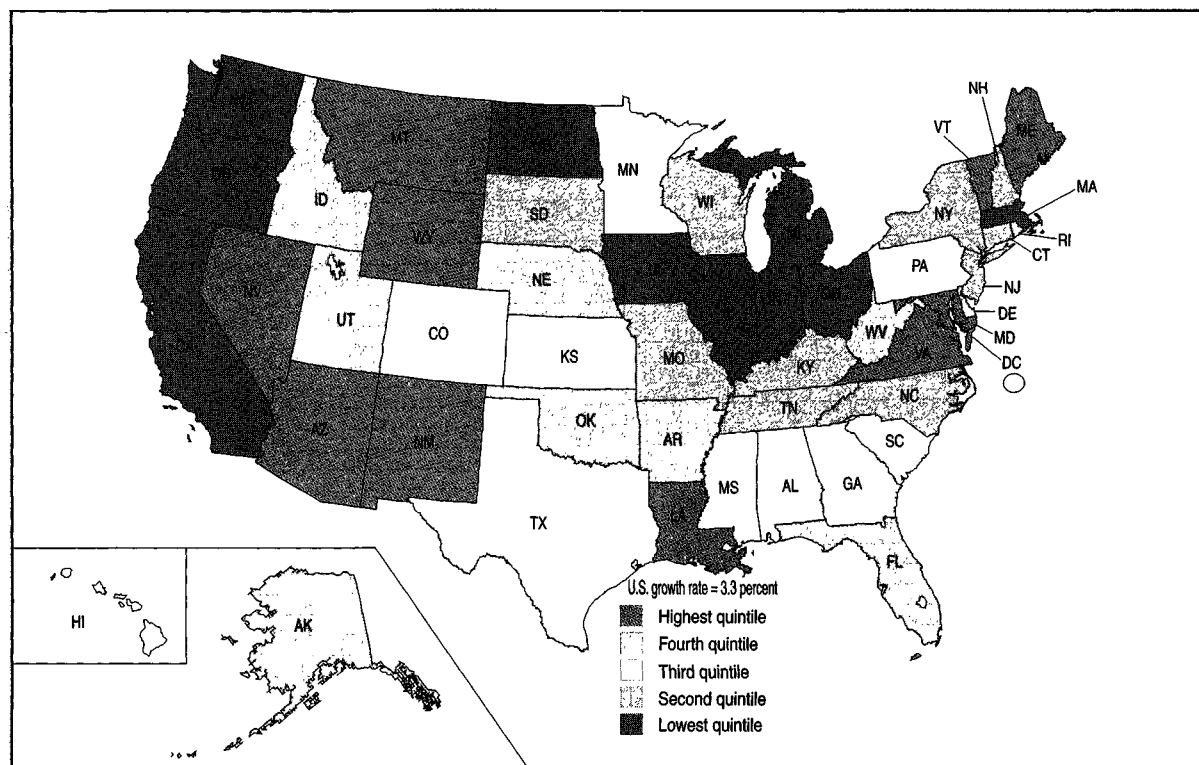
- Personal income for the Nation increased 3.3 percent after increasing 8.0 percent in 2000. The 3.3-percent increase was the smallest since 1958, when personal income grew 2.8 percent.
- The States in the fastest growing quintile accounted for only 10 percent of the Nation's personal income, while the States in the slowest growing quintile accounted for 34 percent.
- Earnings of government employees (Federal, military, State, and local) grew at a faster rate—5.4 per-

2. BEA has recently changed its revision schedule for the NIPA estimates in order to incorporate the BLS data earlier, thus reducing future annual revisions to the NIPA wages and salary estimates (see the box "Revisions to Wages and Salaries and to Profits" in Seskin and McCulla, "Annual Revision," 24–25).

3. "High-tech manufacturing" includes industries that manufacture computers, computer peripherals, communications equipment, and similar electronic products.

CHART 1

Growth Rates in Personal Income, 2001



U.S. Bureau of Economic Analysis

cent—than earnings of private employees—2.0 percent—for the first time since 1991.

- In terms of per capita personal income levels, the States in the top quintile were unchanged from 2000. In the bottom quintile, South Carolina replaced Oklahoma.

This article presents the revised estimates of State personal income and per capita personal income for 1999–2001, and it describes the sources and the effects of the revisions to the estimates for 1999–2001. The State personal income estimates for 1996–2001 are presented in tables 1–3 at the end of this article. In addition, the 2001 NAICS-based industry earnings are presented in table 4. (See also the box “Data Availability” on page 131.)

Table A. Personal Income by State, 1999–2001

Area name	Millions of dollars			Percent change ¹			Rank in U.S. ²		
	1999	2000	2001	1999	2000	2001	1999	2000	2001
United States	7,779,511	8,398,796	8,678,255	4.9	8.0	3.3	.....	.....	.....
New England	459,770	504,311	520,440	5.2	9.7	3.2	.....	.....	.....
Connecticut	130,762	141,151	145,341	4.7	7.9	3.0	21	16	39
Maine	30,640	32,793	34,384	4.0	7.0	4.9	31	27	7
Massachusetts	216,822	241,318	248,202	5.7	11.3	2.9	11	3	41
New Hampshire	37,253	41,630	42,986	5.8	11.7	3.3	10	1	35
Rhode Island	28,749	30,728	31,995	3.9	6.9	4.1	32	31	17
Vermont	15,544	16,691	17,531	5.5	7.4	5.0	13	21	5
Mideast	1,457,663	1,574,504	1,626,912	4.1	8.0	3.3	.....	.....	.....
Delaware	22,749	24,767	25,853	4.0	8.9	4.4	30	8	14
District of Columbia	20,501	22,158	22,959	1.2	8.1	3.6	.....	.....	.....
Maryland	167,246	180,353	189,142	5.5	7.8	4.9	12	17	6
New Jersey	288,812	317,346	326,723	3.6	9.9	3.0	36	5	40
New York	615,903	664,927	684,774	4.3	8.0	3.0	27	15	38
Pennsylvania	342,452	364,953	377,461	3.5	6.6	3.4	37	36	30
Great Lakes	1,253,408	1,333,919	1,365,555	3.9	6.4	2.4	.....	.....	.....
Illinois	373,578	401,030	412,200	3.2	7.3	2.8	41	22	42
Indiana	154,919	165,815	169,885	3.8	7.0	2.5	34	26	48
Michigan	276,541	293,744	297,609	4.5	6.2	1.3	23	39	50
Ohio	304,515	320,377	327,745	3.9	5.2	2.3	33	47	49
Wisconsin	143,855	152,953	158,116	4.4	6.3	3.4	26	38	32
Plains	512,109	547,631	566,457	3.7	6.9	3.4	.....	.....	.....
Iowa	72,912	77,790	79,893	2.3	6.7	2.7	47	35	43
Kansas	69,960	74,124	76,973	3.0	6.0	3.8	42	41	21
Minnesota	146,891	158,817	164,589	4.9	8.1	3.6	19	13	26
Missouri	143,858	153,830	158,906	3.5	6.9	3.3	38	29	33
Nebraska	45,274	47,534	49,489	4.5	5.0	4.1	24	49	18
North Dakota	14,846	16,027	16,434	0.9	8.0	2.5	50	14	46
South Dakota	18,368	19,509	20,174	5.0	6.2	3.4	18	40	31
Southeast	1,719,649	1,841,660	1,915,549	4.9	7.1	4.0	.....	.....	.....
Alabama	120,532	130,982	137,314	4.2	5.2	3.8	28	46	24
Arkansas	56,004	59,205	61,613	4.1	5.7	4.1	29	42	19
Florida	424,726	454,106	474,626	4.8	6.9	4.5	20	30	12
Georgia	213,792	232,179	240,896	6.8	8.6	3.8	3	9	25
Kentucky	91,093	98,125	101,326	3.3	7.7	3.3	40	19	34
Louisiana	99,047	103,824	109,560	1.6	4.8	5.5	49	50	3
Mississippi	56,920	59,881	62,163	3.4	5.2	3.8	39	48	22
North Carolina	202,744	218,537	225,234	5.3	7.8	3.1	16	18	36
South Carolina	91,249	97,659	101,110	5.3	7.0	3.5	15	28	28
Tennessee	141,117	150,344	154,911	5.1	6.5	3.0	17	37	37
Virginia	204,937	222,498	233,107	6.2	8.6	4.8	8	10	10
West Virginia	37,488	39,506	41,230	2.0	5.4	4.4	48	43	15
Southwest	774,892	841,016	875,906	5.2	8.5	4.1	.....	.....	.....
Arizona	120,257	130,982	137,314	6.5	8.9	4.8	6	6	8
New Mexico	37,772	39,772	42,354	2.5	5.3	6.5	44	45	1
Oklahoma	77,474	83,035	86,750	3.7	7.2	4.5	35	24	13
Texas	539,390	587,228	609,489	5.4	8.9	3.8	14	7	23
Rocky Mountain	238,279	261,082	271,486	6.7	9.6	4.0	.....	.....	.....
Colorado	128,192	142,752	147,860	8.3	11.4	3.6	1	2	27
Idaho	28,931	31,314	32,525	6.9	8.2	3.9	2	12	20
Montana	19,380	20,678	21,673	2.3	6.7	4.8	45	34	9
Utah	48,923	52,622	54,884	4.6	7.6	4.3	22	20	16
Wyoming	12,855	13,717	14,544	6.0	6.7	6.0	9	33	2
Far West	1,363,741	1,494,673	1,535,950	6.5	9.6	2.8	.....	.....	.....
Alaska	17,570	18,773	19,641	2.5	6.8	4.6	43	32	11
California	994,862	1,099,375	1,128,256	6.8	10.5	2.6	5	4	44
Hawaii	32,573	34,308	35,510	2.3	5.3	3.5	46	44	29
Nevada	55,330	59,948	62,966	6.4	8.3	5.0	7	11	4
Oregon	89,084	95,406	97,814	4.4	7.1	2.5	25	25	47
Washington	174,321	186,863	191,763	6.8	7.2	2.6	4	23	45

1. Percent change calculated using unrounded personal income data.
2. Rank calculated using unrounded percent change data

Personal income for States for 2001

In the States in the top quintile for personal income growth—New Mexico, Wyoming, Louisiana, Nevada, Vermont, Maryland, Maine, Arizona, Montana, and Virginia—the growth rates in personal income ranged from 1.5 percentage points to 3.2 percentage points more than the 3.3-percent growth rate of the Nation (table A). Arizona and Virginia are the only two States that have been in the top quintile since 1999. New Mexico and Louisiana were in the bottom quintile in 1999 and 2000.

In the States in the bottom quintile—Massachusetts, Illinois, Iowa, California, Washington, North Da-

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kota, Oregon, Indiana, Ohio, and Michigan—the growth rates in personal income ranged from 0.4 percentage point to 2.0 percentage points less than the Nation's growth rate. California was in the top quintile in 1999 and 2000, and Massachusetts was in the top quintile in 2000. Illinois, Indiana, Iowa, Michigan, Ohio, and Oregon had below-average growth in all 3 years.

In 2001, growth in earnings in the government sector, at 5.4 percent, exceeded the growth in earnings in the private sector, at 2.0 percent, for the first time since 1991.⁴ Since 1991, government-sector earnings increased an average of 4.2 percent, while private-sector earnings increased an average of 5.6 percent.

4. "Private" sector earnings include farm earnings and private nonfarm earnings.

Table B. Per Capita Personal Income by State, 1999–2001

Area name	Dollars			Percent change			Percent of the U.S. average		
	1999	2000	2001	1999	2000	2001	1999	2000	2001
United States	27,880	29,770	30,472	3.7	6.8	2.4	.....	.....	.....
New England	33,226	36,167	37,115	4.4	8.9	2.6	119	121	122
Connecticut	38,614	41,392	42,435	4.1	7.2	2.5	139	139	139
Maine	24,187	25,681	26,723	3.3	6.2	4.1	87	86	88
Massachusetts	34,322	37,960	38,907	4.9	10.6	2.5	123	128	128
New Hampshire	30,485	33,576	34,138	4.4	10.1	1.7	109	113	112
Rhode Island	27,632	29,258	30,215	3.0	5.9	3.3	99	98	99
Vermont	25,705	27,376	28,594	4.7	6.5	4.4	92	92	94
Mideast	31,616	33,956	34,968	3.4	7.4	3.0	113	114	115
Delaware	29,354	31,500	32,472	2.4	7.3	3.1	105	106	107
District of Columbia	35,953	38,801	40,150	0.3	7.9	3.5	129	130	132
Maryland	31,829	33,959	35,188	4.5	6.7	3.6	114	114	115
New Jersey	34,549	37,649	38,509	2.7	9.0	2.3	124	126	126
New York	32,617	35,016	36,019	3.6	7.4	2.9	117	118	118
Pennsylvania	27,924	29,713	30,720	3.4	6.4	3.4	100	100	101
Great Lakes	27,873	29,505	30,103	3.3	5.9	2.0	100	99	99
Illinois	30,227	32,248	33,023	2.4	6.7	2.4	108	108	108
Indiana	25,628	27,228	27,783	3.0	6.2	2.0	92	91	91
Michigan	27,942	29,516	29,788	4.0	5.6	0.9	100	99	98
Ohio	26,864	28,202	28,816	3.6	5.0	2.2	96	95	95
Wisconsin	26,976	28,471	29,270	3.7	5.5	2.8	97	96	96
Plains	26,769	28,429	29,313	3.0	6.2	3.1	96	95	96
Iowa	24,990	26,572	27,331	1.8	6.3	2.9	90	89	90
Kansas	26,121	27,537	28,565	2.4	5.4	3.7	94	92	94
Minnesota	30,141	32,207	33,101	3.6	6.9	2.8	108	108	109
Missouri	25,865	27,452	28,226	2.8	6.1	2.8	93	92	93
Nebraska	26,558	27,756	28,886	4.0	4.5	4.1	95	93	95
North Dakota	23,043	25,007	25,902	1.4	8.5	3.6	83	84	85
South Dakota	24,477	25,823	26,664	4.4	5.5	3.3	88	87	88
Southeast	25,079	26,501	27,246	3.5	5.7	2.8	90	89	89
Alabama	22,693	23,766	24,589	3.6	4.7	3.5	81	80	81
Arkansas	21,119	22,108	22,887	3.1	4.7	3.5	76	74	75
Florida	26,951	28,286	28,947	3.0	5.0	2.3	97	95	95
Georgia	26,571	28,212	28,733	4.4	6.2	1.8	95	95	94
Kentucky	22,671	24,244	24,923	2.5	6.9	2.8	81	81	82
Louisiana	22,204	23,227	24,535	1.2	4.6	5.6	80	78	81
Mississippi	20,124	21,017	21,750	2.5	4.4	3.5	72	71	71
North Carolina	25,504	27,055	27,514	3.4	6.1	1.7	91	91	90
South Carolina	22,958	24,273	24,886	3.8	5.7	2.5	82	82	82
Tennessee	25,026	26,367	26,988	3.8	5.4	2.4	90	89	89
Virginia	29,276	31,320	32,431	4.7	7.0	3.5	105	105	106
West Virginia	20,691	21,861	22,881	2.3	5.7	4.7	74	73	75
Southwest	25,137	26,796	27,439	3.2	6.6	2.4	90	90	90
Arizona	23,937	25,358	25,872	3.5	5.9	2.0	86	85	85
New Mexico	20,891	21,837	23,155	1.7	4.5	6.0	75	73	76
Oklahoma	22,540	24,046	25,071	2.8	6.7	4.3	81	81	82
Texas	26,237	28,035	28,581	3.3	6.9	1.9	94	94	94
Rocky Mountain	26,200	28,190	28,859	4.6	7.6	2.4	94	95	95
Colorado	30,334	33,018	33,470	5.5	8.8	1.4	109	111	110
Idaho	22,679	24,101	24,621	4.9	6.3	2.2	81	81	81
Montana	21,593	22,895	23,963	1.7	6.0	4.7	77	77	79
Utah	22,202	23,476	24,180	2.8	5.7	3.0	80	79	79
Wyoming	26,139	27,767	29,416	5.8	6.2	5.9	94	93	97
Far West	29,324	31,669	32,047	4.8	8.0	1.2	105	106	105
Alaska	28,122	29,913	30,936	1.7	6.4	3.4	101	100	102
California	29,698	32,334	32,702	5.2	8.9	1.1	107	109	107
Hawaii	26,913	28,301	29,002	2.7	5.2	2.5	97	95	95
Nevada	28,598	29,696	29,897	1.9	3.8	0.7	103	100	98
Oregon	26,248	27,821	28,165	3.2	6.0	1.2	94	93	92
Washington	29,836	31,627	32,025	5.5	6.0	1.3	107	106	105

Fastest growing States. For States in the top quintile, earnings growth in government, in construction, in retail trade, in finance, insurance, and real estate, and in services more than offset weakness in other sectors. These States received 21 percent of their total earnings from the government sector, compared with 16 percent for the Nation as a whole.⁵ Thus, growth was concentrated mainly in the State and local government sectors. New Mexico received the largest percentage of its earnings from the government sector, at 28 percent. Only Nevada's percentage, at 15 percent, was below the national average.

The top quintile States account for approximately 10 percent of the U.S. population. Only 3 of the States—Virginia (12), Maryland (19), and Arizona (20)—are among the 20 most populous States. Six of the States—Nevada (35), New Mexico (36), Maine (40), Montana (44), Vermont (49), and Wyoming (50)—had population rankings of 35 or lower.

Slowest growing States. With the exception of North Dakota, the States in the bottom quintile had sharp declines in earnings in both traditional and high-tech manufacturing and declines in wholesale trade. North Dakota and Iowa had large declines in farm earnings.

The bottom quintile States account for approximately a third of the U.S. population. Seven of the States—California (1), Illinois (5), Ohio (7), Michigan (8), Massachusetts (13), Indiana (14), and Washington (15)—are among the 15 most populous States in the Nation.

Per capita personal income for States for 2001

The States in the top quintile for per capita personal income levels in 2001 were Connecticut (\$42,435), Massachusetts (\$38,907), New Jersey (\$38,509), New York (\$36,019), Maryland (\$35,188), New Hampshire (\$34,138), Colorado (\$33,470), Minnesota (\$33,101), Illinois (\$33,023), and California (\$32,702) (table B). These States also composed the top quintile in 2000. The per capita income levels within the quintile ranged from 107 percent (California) to 139 percent (Connecticut) of the national average of \$30,472.

The States in the bottom quintile for per capita personal income levels in 2001 were Mississippi (\$21,750), West Virginia (\$22,881), Arkansas (\$22,887), New Mexico (\$23,155), Montana (\$23,963), Utah (\$24,180), Louisiana (\$24,535), Alabama (\$24,589),

⁵ Beginning in 2001, wage and salary estimates for the establishments of American Indian Tribal Councils are included in the local government component. Prior to 2001, these estimates were included in the relevant private industry components. For example, wages and salaries that were earned in casinos owned by tribal councils before 2001 were included in the Standard Industrial Classification services component "Amusement and Recreational Services."

Idaho (\$24,621), and South Carolina (\$24,886). South Carolina, which replaced Oklahoma, is the only State that was not also in the bottom quintile in 2000.

Sources of the revisions

Many of the revisions to the national estimates of personal income involve detailed estimation that cannot be replicated at the State level, because the underlying source data are not available for States. These revisions are implicitly incorporated into the State estimates through the use of the national estimates as control totals. In addition, the revisions to the State estimates reflect the incorporation of newly available State-level source data.

For wage and salary disbursements, other labor income, and personal contributions for social insurance, the estimates for 2001 incorporate newly available BLS tabulations of wages and salaries of employees covered by State unemployment insurance (UI) for the fourth quarter of 2001 and revised tabulations for the first three quarters. Previously, the estimates for 2001 were based on preliminary UI data for the first three quarters and on extrapolations for the fourth quarter that were based on data from the BLS monthly Current

Employment Survey.

For farm proprietors' income, the estimates for 1999–2000 incorporate revised national and State estimates of farm income from the U.S. Department of Agriculture (USDA). The estimates for 2001 incorporate new USDA estimates of farm expenses and revised estimates of production income and government subsidy payments.

For nonfarm proprietors' income, the estimates incorporate newly available Internal Revenue Service (IRS) tabulations from the income tax returns of sole proprietors and partnerships for 1999. The estimates for 2000–2001 are now based on extrapolations of the tabulations for 1999.

For dividends, interest, and rent, the estimates for 2000 incorporate newly available IRS tabulations of individual tax returns for 2000, and the estimates for 2001 are based on extrapolations of these tabulations. Previously, the 2000 and 2001 estimates were based on extrapolations of tabulations for 1999.

For transfer payments, the estimates for 2001 incorporate newly available data from agencies that administer benefit programs, such as data from the Social Security Administration on the benefits disbursed un-

New Industry Classifications

The estimates of State personal income for 2001 are now based on the 2002 version of the North American Industry Classification System (NAICS), the common classification system for the United States, Canada, and Mexico that was adopted in 1997.¹ NAICS replaced the 1987 Standard Industrial Classification (SIC) system, which was the basis of the previously published State personal income estimates.²

BEA received State-level estimates of employment and wages—which are the product of the Federal-State Covered Employment and Wages, or ES-202, Program—for 2001 from the Bureau of Labor Statistics (BLS) on a 2002 NAICS basis. Some NAICS classifications had to be adapted for use in BEA's estimates of earnings and employment because BEA provides estimates for the Federal, State, and local governments. For example, the estimates of employment and earnings for teachers employed by local governments are shown by BEA under the category "Local Government" instead of under the

NAICS category "Educational Services." BEA uses ownership codes provided by BLS to identify the government employees. For private-sector employees, BEA prepared earnings and employment estimates at the three-digit NAICS level for 2001 and at the two-digit SIC level for 1958–2000.³ For 2001 only, BEA also prepared State-level earnings and employment estimates with division-level SIC components in order to provide a "bridge" between the NAICS industries and the SIC industries.

In May 2003, BEA will release county and metropolitan area estimates of earnings and employment for 2001 on a NAICS basis. Earnings will be available at a three-digit NAICS level, while employment will be available at the less detailed NAICS sector level. BEA will not prepare 2001 earnings and employment estimates by division-level SIC for counties and metropolitan areas, because suppressions for 2001 are not available from BLS on an SIC basis. Estimates of earnings and employment for 1969–2000 will be published only on the SIC basis.

In July 2003, BEA will release quarterly State estimates of earnings at the NAICS-sector level beginning with the first quarter of 2001. Estimates for earlier quarters will remain on the SIC basis.

1. See John R. Kort, "The North American Classification System in BEA's Economic Accounts," *SURVEY OF CURRENT BUSINESS* 81 (May 2001): 7–13. See also Office of Management and Budget, *North American Industry Classification System: United States, 2002* (Lanham, MD: Bernan Press, 2002). Information on NAICS can be accessed on the Internet at <www.census.gov/epcd/www/naics.html>.

2. See Office of Management and Budget, *Standard Industrial Classification Manual, 1987*, (Washington, DC: U.S. Government Printing Office, 1987).

3. Table 3, at the end of this article, presents earnings estimates on an SIC-basis for 1999–2001. Table 4 presents earnings on a NAICS-basis for 2001.

der the social security retirement and supplemental security income programs and data from the Centers for Medicare and Medicaid Services on the benefits disbursed under the medicare and medicaid programs. Previously, the estimates of these benefits and of most other subcomponents of transfer payments for 2001 were based on extrapolations of 2000 data; data for 2001 were only available for unemployment compensation.

Revisions

Personal income for the Nation was revised up 0.1 percent for 1999, 1.0 percent for 2000, and 0.7 percent for 2001. For 1999, personal income was revised up for 29 States; for 2000, personal income was revised up for 48 States; and for 2001, personal income was revised up for 45 States (table C).

The largest revisions were to personal income in Vermont, which was revised up 0.7 percent for 1999,

Table C. Revisions to Personal Income for States and Regions, 1999–2001

[Millions of dollars]

Area name	Revised			Revision			Percent revision ¹		
	1999	2000	2001	1999	2000	2001	1999	2000	2001
United States	7,779,511	8,398,796	8,678,255	10,144	84,764	57,232	0.1	1.0	0.7
New England	459,770	504,311	520,440	-502	5,347	3,443	-0.1	1.1	0.7
Connecticut.....	130,762	141,151	145,341	587	2,355	1,728	0.5	1.7	1.2
Maine.....	30,640	32,793	34,384	-103	384	435	-0.3	1.2	1.3
Massachusetts.....	216,822	241,318	248,202	-1,028	1,629	401	-0.5	0.7	0.2
New Hampshire.....	37,253	41,630	42,986	73	504	265	0.2	1.2	0.6
Rhode Island.....	28,749	30,728	31,995	-142	152	245	-0.5	0.5	0.8
Vermont.....	15,544	16,691	17,531	111	322	370	0.7	2.0	2.2
Mideast	1,457,663	1,574,504	1,626,912	71	16,144	8,210	0.0	1.0	0.5
Delaware.....	22,749	24,767	25,853	114	384	279	0.5	1.6	1.1
District of Columbia.....	20,501	22,158	22,959	-168	-21	-199	-0.8	-0.1	-0.9
Maryland.....	167,246	180,353	189,142	988	2,535	1,280	0.6	1.4	0.7
New Jersey.....	288,812	317,346	326,723	-614	4,478	3,017	-0.2	1.4	0.9
New York.....	615,903	664,927	694,774	600	6,207	2,568	0.1	0.9	0.4
Pennsylvania.....	342,452	364,953	377,461	-848	2,562	1,264	-0.2	0.7	0.3
Great Lakes	1,253,408	1,333,919	1,365,555	1,812	15,093	11,561	0.1	1.1	0.9
Illinois.....	373,578	401,030	412,200	-910	4,875	3,342	-0.2	1.2	0.8
Indiana.....	154,919	165,815	169,885	18	1,795	1,536	0.0	1.1	0.9
Michigan.....	276,541	293,744	297,609	872	3,875	2,501	0.3	1.3	0.8
Ohio.....	304,515	320,377	327,745	1,262	2,559	2,240	0.4	0.8	0.7
Wisconsin.....	143,855	152,953	158,116	570	1,990	1,941	0.4	1.3	1.2
Plains	512,109	547,631	566,457	-11	3,877	4,004	0.0	0.7	0.7
Iowa.....	72,912	77,790	79,893	82	412	140	0.1	0.5	0.2
Kansas.....	69,960	74,124	76,973	-92	439	156	-0.1	0.6	0.2
Minnesota.....	146,891	158,817	164,589	176	1,341	1,542	0.1	0.9	0.9
Missouri.....	143,858	153,830	158,906	-69	1,382	1,109	0.0	0.9	0.7
Nebraska.....	45,274	47,534	49,489	-168	215	552	-0.4	0.5	1.1
North Dakota.....	14,846	16,027	16,434	48	191	231	0.3	1.2	1.4
South Dakota.....	18,368	19,509	20,174	12	-102	274	0.1	-0.5	1.4
Southeast	1,719,649	1,841,660	1,915,549	9,286	21,332	16,895	0.5	1.2	0.9
Alabama.....	100,532	105,796	109,773	-4	1,093	728	0.0	1.0	0.7
Arkansas.....	56,004	59,205	61,613	31	301	-69	0.1	0.5	-0.1
Florida.....	424,726	454,106	474,626	5,630	8,366	7,437	1.3	1.9	1.6
Georgia.....	213,792	232,179	240,896	585	3,440	2,475	0.3	1.5	1.0
Kentucky.....	91,093	98,125	101,326	-45	643	-545	0.0	0.7	-0.5
Louisiana.....	99,047	103,824	109,560	-315	611	2,014	-0.3	0.6	1.9
Mississippi.....	56,920	59,881	62,163	43	336	308	0.1	0.6	0.5
North Carolina.....	202,744	218,537	225,234	1,611	1,400	785	0.8	0.6	0.3
South Carolina.....	91,249	97,659	101,110	205	1,098	1,186	0.2	1.1	1.2
Tennessee.....	141,117	150,344	154,911	1,713	2,401	1,316	1.2	1.6	0.9
Virginia.....	204,937	222,498	233,107	-158	1,420	978	-0.1	0.6	0.4
West Virginia.....	37,488	39,506	41,230	-11	223	282	0.0	0.6	0.7
Southwest	774,892	841,016	875,906	1,193	9,025	5,083	0.2	1.1	0.6
Arizona.....	120,257	130,982	137,314	918	1,913	2,089	0.8	1.5	1.5
New Mexico.....	37,772	39,772	42,354	-106	-171	-13	-0.3	-0.4	0.0
Oklahoma.....	77,474	83,035	86,750	120	1,367	984	0.2	1.7	1.1
Texas.....	539,390	587,228	609,489	261	5,916	2,023	0.0	1.0	0.3
Rocky Mountain	236,279	261,082	271,486	874	3,640	3,390	0.4	1.4	1.3
Colorado.....	128,192	142,752	147,860	539	2,527	2,268	0.4	1.8	1.6
Idaho.....	28,931	31,314	32,525	392	486	481	1.4	1.6	1.5
Montana.....	19,380	20,678	21,673	93	341	390	0.5	1.7	1.8
Utah.....	48,923	52,622	54,884	-226	90	-50	-0.5	0.2	-0.1
Wyoming.....	12,855	13,717	14,544	75	195	301	0.6	1.4	2.1
Far West	1,363,741	1,494,673	1,535,950	-2,578	10,305	4,646	-0.2	0.7	0.3
Alaska.....	17,570	18,773	19,641	81	170	-38	0.5	0.9	-0.2
California.....	994,862	1,099,375	1,128,256	-2,488	6,309	831	-0.2	0.6	0.1
Hawaii.....	32,573	34,308	35,510	137	545	549	0.4	1.6	1.6
Nevada.....	55,330	59,948	62,966	-364	363	80	-0.7	0.6	0.1
Oregon.....	89,084	95,406	97,814	-44	552	574	0.0	0.6	0.6
Washington.....	174,321	186,863	191,763	101	2,346	2,652	0.1	1.3	1.4

1. Revision as a percentage of the previously published estimate; calculated from unrounded data.

2.0 percent for 2000, and 2.2 percent for 2001, and to personal income in Wyoming, which was revised up 0.6 percent for 1999, 1.4 percent for 2000, and 2.1 percent for 2001. For Vermont, upward revisions to dividends, interest, and rent for 1999–2001 contributed to

the upward revisions to personal income. For Wyoming, upward revisions to dividends, interest, and rent and to proprietors' income for 1999–2001 contributed to the upward revisions to personal income.

Tables 1 through 4 follow.

Data Availability

This article presents summary estimates of personal income and disposable personal income for 1996–2001 and of personal income by major source and earnings by industry for 1999–2001. These estimates and more detailed estimates of personal income and employment for States are available interactively on BEA's Web site. Go to www.bea.gov/bea/regional/spi/ to access these estimates.

The following estimates are available:

- Personal income, per capita personal income, and population for 1929–57 and for 1958–2001
- Disposable personal income and per capita disposable personal income for 1948–57 and for 1958–2001
- Personal income by major source and earnings by industry (North American Industry Classification System (NAICS) three digit) for 2001 and (Standard Industrial Classification (SIC) two digit) for 1958–2000
- Personal income by major source and earnings by major industry (SIC division level) for 1929–57 and for 2001
- Wage and salary disbursements by industry (NAICS three digit) for 2001 and (SIC two digit) for 1958–2000
- Wage and salary disbursements by major industry (SIC division level) for 1929–57 and for 2001
- Full-time and part-time employment by industry (NAICS three digit) for 2001, (SIC two digit) for 1969–2000, and (SIC division level) for 2001
- Full-time and part-time wage and salary employment by industry (NAICS three digit) for 2001, (SIC two digit) for 1969–2000, and (SIC division level) for 2001
- State economic profiles (a selection of personal income and employment data for each State) for 1958–2001
- Transfer payments by major program for 1948–57 and for 1958–2001
- Farm income and expenses (including the major categories of gross receipts and expenses for all farms and for measures of farm income) for 1969–2001
- Personal tax and nontax payments by level of government and by type for 1948–57 and for 1958–2001

In addition, the entire set of estimates for all States will be available in October 2002 on a CD-ROM with an updated description of the sources and methods used to estimate State personal income. To order the CD-ROM *State Personal Income, 1929–2001* (price \$35, product number RCN-0299), call the Order Desk at 1-800-704-0415 (outside the United States, call 202-606-9666).

The State personal income estimates are also available through the members of the BEA User Group, which consists of State agencies and universities that help BEA disseminate the estimates in their States. For a list of the BEA User Group on BEA's Web site, go to www.bea.gov/bea/regional/docs/usergrp.htm.

For more information about these estimates, call the Regional Economic Information System at 202-606-5360, fax 202-606-5322, or e-mail reis.remd@bea.gov.

Table 1. Personal Income and Per Capita Personal Income by State and Region, 1996–2001

Area name	Personal income						Percent change ²	Per capita personal income ¹						Rank in U.S.
	Millions of dollars							Dollars						
	1996	1997	1998	1999 ^r	2000 ^r	2001 ^r		1996	1997	1998	1999 ^r	2000 ^r	2001 ^r	
United States	6,538,103	6,928,545	7,418,497	7,779,511	8,398,796	8,678,255	3.3	24,270	25,412	26,893	27,880	29,770	30,472	
New England	384,144	408,231	437,134	459,770	504,311	520,440	3.2	28,340	29,924	31,829	33,226	36,167	37,115	
Connecticut	109,354	116,421	124,880	130,762	141,151	145,341	3.0	32,773	34,759	37,108	38,614	41,392	42,435	1
Maine	26,434	27,773	29,469	30,640	32,793	34,384	4.9	21,163	22,134	23,404	24,187	25,681	26,723	35
Massachusetts	180,237	191,596	205,176	216,822	241,318	248,202	2.9	29,166	30,773	32,714	34,322	37,960	38,907	2
New Hampshire	30,228	32,397	35,198	37,253	41,630	42,986	3.3	25,733	27,238	29,187	30,485	33,576	34,138	6
Rhode Island	24,818	26,293	27,673	28,749	30,728	31,995	4.1	24,310	25,643	26,837	27,632	29,258	30,215	16
Vermont	13,073	13,752	14,738	15,544	16,691	17,531	5.0	22,019	23,026	24,547	25,705	27,376	28,594	26
Mideast	1,255,345	1,315,810	1,400,562	1,457,663	1,574,504	1,626,912	3.3	27,661	28,868	30,565	31,616	33,956	34,968	
Delaware	19,369	20,145	21,879	22,749	24,767	25,853	4.4	26,140	26,807	28,662	29,354	31,500	32,472	11
District of Columbia	18,517	19,135	20,255	20,501	22,158	22,959	3.6	32,352	33,704	35,836	35,953	38,801	40,150	
Maryland	140,809	148,826	158,501	167,246	180,353	189,142	4.9	27,545	28,857	30,455	31,829	33,959	35,188	5
New Jersey	246,659	260,705	278,788	288,812	317,346	326,723	3.0	30,266	31,720	33,640	34,549	37,649	38,509	3
New York	530,990	553,543	590,406	615,903	664,927	684,774	3.0	28,566	29,670	31,478	32,617	35,016	36,019	4
Pennsylvania	299,001	313,457	330,733	342,522	364,953	377,461	3.4	24,467	25,635	27,008	27,924	29,713	30,720	15
Great Lakes	1,079,799	1,138,557	1,206,886	1,253,408	1,333,919	1,365,555	2.4	24,408	25,589	26,983	27,873	29,505	30,103	
Illinois	322,790	340,594	362,081	373,578	401,030	412,200	2.8	26,672	27,950	29,505	30,227	32,248	33,023	9
Indiana	132,890	139,459	149,318	154,919	165,815	169,885	2.5	22,501	23,418	24,891	25,628	27,228	27,783	31
Michigan	238,095	250,216	264,520	276,541	297,744	297,609	1.3	24,398	25,509	26,860	27,942	29,516	29,788	18
Ohio	264,162	279,367	293,208	304,515	320,377	327,745	2.3	23,496	24,772	25,921	26,864	28,202	28,816	24
Wisconsin	121,864	128,920	137,759	143,855	152,953	158,116	3.4	23,301	24,481	26,004	26,976	28,471	29,270	20
Plains	439,948	462,173	493,714	512,109	547,631	566,457	3.4	23,520	24,517	26,001	26,769	28,429	29,313	
Iowa	64,696	67,938	71,280	72,902	77,790	79,893	2.7	22,464	23,499	24,555	24,990	26,572	27,331	33
Kansas	60,074	63,728	67,896	69,960	74,124	76,973	3.8	22,977	24,182	25,519	26,121	27,537	28,565	28
Minnesota	122,800	129,020	140,031	146,891	158,817	164,589	3.6	25,904	27,086	29,092	30,141	32,207	33,101	8
Missouri	123,992	131,144	138,987	143,858	153,830	158,906	3.3	22,828	23,926	25,171	25,865	27,452	28,226	29
Nebraska	39,618	40,724	43,313	45,274	47,534	49,489	4.1	23,670	24,148	25,541	26,558	27,756	28,886	23
North Dakota	13,607	13,332	14,709	14,846	16,027	16,434	2.5	20,921	20,520	22,716	23,043	25,007	25,902	37
South Dakota	15,883	16,286	17,497	18,368	19,509	20,174	3.4	21,399	21,885	23,453	24,477	25,823	26,664	36
Southeast	1,445,912	1,532,165	1,639,428	1,719,649	1,841,660	1,915,549	4.0	22,038	22,986	24,242	25,079	26,501	27,246	
Alabama	87,221	91,284	96,481	100,532	105,796	109,773	3.8	20,138	20,899	21,904	22,693	23,768	24,589	43
Arkansas	48,700	51,055	53,784	56,004	59,205	61,613	4.1	19,628	19,628	20,479	21,119	22,108	22,887	48
Florida	355,136	377,673	405,146	424,726	454,106	474,626	4.5	23,909	24,869	26,161	26,951	28,286	28,947	22
Georgia	172,935	183,757	200,104	213,792	232,179	240,896	3.8	23,055	23,911	25,447	26,571	28,212	28,733	25
Kentucky	78,221	82,927	88,148	91,093	98,125	101,326	3.3	19,957	20,979	22,118	22,671	24,244	24,923	40
Louisiana	87,879	92,286	97,458	99,047	103,824	109,560	5.5	19,978	20,874	21,948	22,204	23,227	24,535	44
Mississippi	48,898	51,598	55,072	56,920	59,881	62,163	3.8	17,793	18,580	19,635	20,124	21,017	21,750	50
North Carolina	167,638	179,691	192,577	202,744	218,537	225,234	3.1	22,350	23,468	24,661	25,504	27,055	27,514	32
South Carolina	76,287	81,045	86,672	91,249	97,659	101,110	3.5	20,096	20,998	22,115	22,958	24,273	24,886	41
Tennessee	119,287	125,457	134,241	141,117	150,344	154,911	3.0	22,022	22,814	24,101	25,026	26,367	26,988	34
Virginia	169,938	180,190	193,007	204,937	222,498	233,107	4.8	25,173	26,385	27,968	29,276	31,320	32,431	12
West Virginia	33,771	35,202	36,738	37,488	39,506	41,230	4.4	18,527	19,351	20,234	20,691	21,861	22,881	49
Southwest	624,034	677,462	736,392	774,892	841,016	875,906	4.1	21,504	22,868	24,352	25,137	26,796	27,439	
Arizona	95,787	103,702	112,895	120,252	130,982	137,314	4.8	20,883	21,892	23,118	23,937	25,358	25,872	38
New Mexico	33,232	34,860	36,857	37,772	39,772	42,354	6.5	18,964	19,641	20,551	20,891	21,837	23,155	47
Oklahoma	66,289	69,951	74,677	77,474	83,035	86,750	4.5	19,846	20,739	21,930	22,540	24,046	25,071	39
Texas	428,726	468,950	511,964	539,390	587,228	609,489	3.8	22,167	23,756	25,398	26,237	28,035	28,581	27
Rocky Mountain	192,141	206,847	223,322	238,279	261,082	271,486	4.0	22,432	23,651	25,041	26,200	28,190	28,859	
Colorado	100,012	108,765	118,413	128,192	142,752	147,860	3.6	25,514	27,067	28,764	30,334	33,018	33,470	7
Idaho	24,173	25,226	27,066	28,931	31,314	32,525	3.9	20,093	20,534	21,612	22,679	24,101	24,621	42
Montana	16,992	17,726	18,942	19,380	20,678	21,673	4.8	19,173	19,920	21,225	21,593	22,895	23,963	46
Utah	40,354	43,696	46,772	48,923	52,622	54,884	4.3	19,514	20,613	21,594	22,202	23,476	24,180	45
Wyoming	10,609	11,433	12,129	12,855	13,717	14,544	6.0	21,732	23,360	24,714	26,139	27,767	29,416	19
Far West	1,116,779	1,187,299	1,281,057	1,363,741	1,494,673	1,535,950	2.8	25,201	26,353	27,972	29,324	31,669	32,047	
Alaska	15,762	16,488	17,138	17,570	18,773	19,641	4.6	25,901	26,898	27,645	28,122	29,913	30,936	14
California	812,404	861,557	931,564	994,862	1,099,375	1,128,256	2.6	25,373	26,521	28,240	29,698	32,334	32,702	10
Hawaii	30,393	31,218	31,841	32,573	34,308	35,510	3.5	25,249	25,765	26,201	26,913	28,301	29,002	21
Nevada	43,331	47,258	52,017	55,330	59,948	62,966	5.0	26,004	26,789	28,069	28,598	29,696	29,897	17
Oregon	75,561	80,575	85,305	89,084	95,406	97,814	2.5	23,270	24,385	25,446	26,248	27,821	28,165	30
Washington	139,328	150,203	163,192	174,321	186,863	191,763	2.6	25,015	26,469	28,285	29,836	31,627	32,025	13

^r Revised.

1. Per capita personal income was computed using midyear population estimates of the Bureau of the Census.

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 2. Disposable Personal Income and Per Capita Disposable Personal Income by State and Region, 1996-2001

Area name	Disposable personal income						Percent change ²	Per capita disposable personal income ¹						Rank in U.S.
	Millions of dollars							Dollars						
	1996	1997	1998	1999 ^r	2000 ^r	2001 ^r		1996	1997	1998	1999 ^r	2000 ^r	2001 ^r	
United States	5,669,393	5,960,749	6,349,151	6,621,480	7,113,559	7,387,363	3.8	21,045	21,863	23,016	23,729	25,214	25,939	
New England	326,543	342,605	364,015	379,838	410,306	428,879	4.5	24,091	25,114	26,505	27,450	29,425	30,586	
Connecticut	91,536	95,724	101,699	105,830	112,817	117,239	3.9	27,433	28,580	30,219	31,252	33,083	34,230	1
Maine	23,257	24,200	25,480	26,400	28,111	29,593	5.3	18,620	19,286	20,236	20,839	22,014	23,000	37
Massachusetts	151,896	159,674	169,596	177,269	193,290	202,402	4.7	24,580	25,646	27,041	28,061	30,406	31,728	3
New Hampshire	26,610	28,200	30,578	32,116	35,516	37,003	4.2	22,652	23,709	25,356	26,282	28,645	29,387	6
Rhode Island	21,780	22,851	23,898	24,787	26,237	27,503	4.8	21,334	22,286	23,176	23,824	24,982	25,973	16
Vermont	11,463	11,955	12,764	13,436	14,336	15,139	5.6	19,308	20,018	21,258	22,220	23,513	24,693	25
Mideast	1,073,172	1,114,511	1,178,249	1,217,422	1,309,804	1,360,181	3.8	23,647	24,452	25,714	26,405	28,247	29,235	
Delaware	16,547	16,987	18,470	19,202	20,935	21,967	4.9	22,332	22,605	24,196	24,777	26,628	27,591	10
District of Columbia	15,862	16,120	16,921	16,795	18,024	18,782	4.2	27,712	28,393	29,937	29,454	31,562	32,845	.....
Maryland	119,755	125,597	133,060	140,126	150,250	158,291	5.4	23,426	24,353	25,566	26,668	28,291	29,449	5
New Jersey	211,334	220,964	234,080	240,089	262,179	272,356	3.9	25,932	26,885	28,245	28,720	31,104	32,101	2
New York	450,040	464,468	491,784	507,736	546,368	565,238	3.5	24,211	24,896	26,220	26,889	28,772	29,732	4
Pennsylvania	259,634	270,375	283,933	293,475	312,047	323,546	3.7	21,246	22,111	23,186	23,930	25,406	26,332	15
Great Lakes	930,464	975,464	1,029,255	1,067,782	1,138,249	1,167,753	2.6	21,032	21,924	23,011	23,745	25,177	25,742	
Illinois	278,447	291,507	307,987	316,493	339,330	349,489	3.0	23,008	23,922	25,097	25,606	27,286	27,999	8
Indiana	114,831	119,826	128,475	133,378	143,459	147,316	2.7	19,443	20,121	21,417	22,064	23,557	24,092	30
Michigan	204,949	214,500	225,186	235,489	251,045	254,749	1.5	21,002	21,868	22,866	23,794	25,226	25,498	18
Ohio	227,746	239,900	250,838	260,567	273,908	280,623	2.5	20,257	21,273	22,175	22,987	24,112	24,673	26
Wisconsin	104,491	109,732	116,768	121,886	130,508	135,576	3.9	19,979	20,837	22,041	22,856	24,293	25,098	21
Plains	382,827	399,625	425,703	441,836	471,343	488,468	3.6	20,466	21,199	22,420	23,096	24,469	25,278	
Iowa	56,896	59,294	62,181	63,449	67,935	69,760	2.7	19,756	20,509	21,421	21,747	23,206	23,864	33
Kansas	52,367	55,113	58,652	60,275	63,777	66,307	4.0	20,029	20,913	22,045	22,505	23,694	24,607	28
Minnesota	103,586	109,183	118,006	124,709	133,731	139,216	4.1	21,980	22,921	24,516	25,589	27,120	27,998	9
Missouri	108,364	114,001	120,352	124,478	133,054	137,633	3.4	19,951	20,799	21,796	22,380	23,745	24,448	29
Nebraska	34,932	35,531	37,620	39,248	41,068	42,868	4.4	20,871	21,069	22,184	23,022	23,980	25,022	23
North Dakota	12,226	11,853	13,143	13,245	14,302	14,635	2.3	18,798	18,244	20,297	20,558	22,315	23,068	36
South Dakota	14,456	14,650	15,748	16,432	17,475	18,049	3.3	19,477	19,684	21,109	21,897	23,130	23,856	34
Southeast	1,269,457	1,336,061	1,423,978	1,490,466	1,594,045	1,661,737	4.2	19,348	20,044	21,056	21,737	22,938	23,636	
Alabama	77,079	80,342	84,855	88,376	93,060	96,677	3.9	17,797	18,394	19,265	19,949	20,905	21,655	42
Arkansas	43,230	45,063	47,302	49,265	51,959	54,192	4.3	16,807	17,325	18,011	18,577	19,402	20,130	49
Florida	312,805	329,682	351,912	368,190	391,323	410,136	4.8	21,060	21,709	22,724	23,363	24,375	25,014	24
Georgia	150,182	158,350	171,711	183,084	198,513	206,772	4.2	20,021	20,605	21,836	22,755	24,121	24,663	27
Kentucky	68,160	71,915	76,215	78,557	84,884	87,686	3.3	17,390	18,194	19,124	19,551	20,972	21,568	43
Louisiana	78,079	81,431	86,139	87,744	91,807	96,994	5.6	17,750	18,419	19,399	19,670	20,539	21,721	41
Mississippi	43,943	46,245	49,256	50,865	53,590	55,779	4.1	15,990	16,653	17,561	17,984	18,810	19,517	50
North Carolina	145,935	155,311	165,760	174,214	187,686	194,234	3.5	19,456	20,284	21,226	21,915	23,236	23,727	35
South Carolina	66,986	70,880	75,481	79,457	85,289	88,456	3.7	17,646	18,364	19,259	19,991	21,198	21,771	40
Tennessee	106,568	111,632	119,346	125,616	134,141	138,241	3.1	19,674	20,300	21,426	22,278	23,525	24,084	31
Virginia	146,489	154,028	163,510	171,953	186,890	196,098	4.9	21,699	22,554	23,694	24,564	26,308	27,282	12
West Virginia	30,001	31,182	32,491	33,144	34,902	36,472	4.5	16,459	17,141	17,895	18,294	19,314	20,241	48
Southwest	552,859	596,546	645,743	679,123	733,704	767,047	4.5	19,051	20,137	21,354	22,030	23,377	24,029	
Arizona	83,726	90,217	97,615	103,776	112,945	119,007	5.4	18,253	19,045	19,989	20,657	21,866	22,423	38
New Mexico	29,502	30,758	32,496	33,215	34,781	37,173	6.9	16,836	17,330	18,119	18,370	19,097	20,322	47
Oklahoma	58,473	61,222	65,310	67,744	72,462	75,846	4.7	17,506	18,151	19,179	19,709	20,984	21,920	39
Texas	381,159	414,349	450,321	474,388	513,516	535,022	4.2	19,708	20,990	22,340	23,075	24,516	25,089	22
Rocky Mountain	166,565	178,194	191,724	203,495	221,749	231,908	4.6	19,446	20,375	21,498	22,376	23,943	24,652	
Colorado	86,111	92,927	100,489	108,190	119,717	124,947	4.4	21,967	23,126	24,410	25,601	27,690	28,283	7
Idaho	21,208	22,044	23,639	25,148	27,021	28,240	4.5	17,628	17,944	18,776	19,714	20,797	21,378	44
Montana	15,037	15,621	16,670	16,997	18,084	19,000	5.1	16,967	17,554	18,679	18,939	20,023	21,008	45
Utah	35,002	37,715	40,460	42,112	45,258	47,302	4.5	16,926	17,792	18,680	19,112	20,191	20,840	46
Wyoming	9,207	9,886	10,466	11,047	11,669	12,419	6.4	18,861	20,199	21,324	22,464	23,621	25,118	20
Far West	967,506	1,017,744	1,090,483	1,141,518	1,234,359	1,281,390	3.8	21,833	22,590	23,811	24,546	26,153	26,736	
Alaska	13,919	14,497	15,003	15,400	16,411	17,171	4.6	22,872	23,650	24,201	24,649	26,149	27,045	13
California	701,878	735,173	789,557	827,255	897,310	932,835	4.0	21,921	22,630	23,935	24,695	26,391	27,038	14
Hawaii	26,730	27,371	27,846	28,378	29,786	30,930	3.8	22,206	22,590	22,914	23,447	24,570	25,262	19
Nevada	37,634	41,126	44,903	47,583	51,332	54,069	5.3	22,585	23,313	24,230	24,594	25,428	25,673	17
Oregon	64,801	68,539	72,660	75,398	80,241	82,917	3.3	19,957	20,742	21,674	22,216	23,959	23,876	32
Washington	122,543	131,039	140,515	147,503	159,278	163,467	2.6	22,001	23,092	24,354	25,246	26,998	27,299	11

^r Revised.
 1. Per capita disposable personal income was computed using midyear population estimates of the Bureau of the Census.
 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 3. Personal Income by Major Source
(Millions)

Line	Item	United States			New England			Connecticut			Maine			Massachusetts		
		1999 ¹	2000 ²	2001 ³	1999 ¹	2000 ²	2001 ³	1999 ¹	2000 ²	2001 ³	1999 ¹	2000 ²	2001 ³	1999 ¹	2000 ²	2001 ³
Income by place of residence																
1	Personal income (lines 4-9)	7,779,511	8,398,796	8,678,255	459,770	504,311	520,440	130,762	141,151	145,341	30,640	32,793	34,384	216,822	241,318	248,202
2	Population (thousands) ²	279,040	282,125	284,797	13,838	13,944	14,022	3,386	3,410	3,425	1,267	1,277	1,287	6,317	6,357	6,379
3	Per capita personal income (dollars) ³	27,880	29,770	30,472	33,226	36,167	37,115	38,614	41,392	42,435	24,187	25,681	26,723	34,322	37,960	38,907
Derivation of personal income																
4	Earnings by place of work (lines 10-14 or 15-85)	5,653,620	6,088,805	6,242,742	331,993	364,259	373,328	91,905	98,868	101,703	20,836	22,013	22,967	164,986	184,523	187,753
5	Less: Personal contributions for social insurance ⁴	336,901	357,843	371,690	19,566	21,187	21,950	5,383	5,702	5,913	1,289	1,340	1,420	9,390	10,397	10,686
6	Plus: Adjustment for residence ⁵	-1,030	-1,060	-1,093	7,003	7,464	7,629	6,195	6,631	6,784	292	333	342	-3,865	-4,722	-4,681
7	Equals: Net earnings by place of residence	5,315,689	5,729,902	5,869,959	319,430	350,535	359,007	92,718	99,797	102,574	19,840	21,006	21,889	151,731	169,405	172,386
8	Plus: Dividends, interest, and rent ⁶	1,445,370	1,598,302	1,637,213	83,250	93,754	96,309	23,755	26,399	26,920	5,664	6,372	6,620	38,366	43,755	45,038
9	Plus: Transfer payments	1,018,452	1,070,592	1,171,083	57,090	60,022	65,124	14,289	14,955	15,847	5,136	5,416	5,875	26,725	28,158	30,778
Earnings by place of work																
Components of earnings:																
10	Wage and salary disbursements	4,468,305	4,834,179	4,948,115	266,891	294,616	301,310	73,255	79,109	81,164	16,251	17,217	17,975	134,270	151,332	153,635
11	Other labor income	505,776	539,560	565,535	28,686	31,109	32,577	7,591	8,135	8,646	2,143	2,254	2,393	14,216	15,575	16,095
12	Proprietors' income ⁷	679,539	715,066	729,092	36,416	38,534	39,442	11,059	11,624	11,893	2,442	2,541	2,599	16,500	17,616	18,022
13	Farm	28,859	22,838	20,271	298	217	138	126	80	58	68	49	23	2	2	-13
14	Nonfarm	650,680	692,228	708,821	36,118	38,317	39,303	10,933	11,544	11,835	2,374	2,493	2,575	16,497	17,614	18,035
Earnings by industry																
15	Farm	46,616	40,629	40,070	672	629	584	237	202	190	143	131	112	95	104	98
16	Nonfarm	5,607,004	6,048,176	6,202,672	331,321	363,629	372,744	91,668	98,666	101,513	20,694	21,882	22,855	164,891	184,419	187,655
17	Private	4,714,797	5,104,903	5,208,042	288,846	318,796	324,987	81,022	87,309	88,854	16,902	17,895	18,649	144,717	163,370	165,645
18	Agricultural services, forestry, fishing, and other ⁸	39,008	41,990	44,788	2,020	2,198	2,415	495	534	577	292	308	326	848	944	1,063
19	Agricultural services	33,958	36,839	38,639	1,631	1,793	1,943	482	521	(NA)	134	148	(NA)	696	779	(NA)
20	Forestry, fishing, and other ⁸	5,050	5,151	(NA)	389	404	(NA)	13	13	(NA)	158	160	(NA)	151	165	(NA)
21	Mining	48,302	51,751	53,985	345	360	363	149	159	151	5	6	6	129	130	137
22	Metal mining	2,592	2,515	(NA)	(D)	1	(NA)	(L)	(L)	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)
23	Coal mining	7,033	5,890	(NA)	23	14	(NA)	11	6	(NA)	0	0	(NA)	11	6	(NA)
24	Oil and gas extraction	32,526	36,746	(NA)	110	123	(NA)	(D)	(D)	(NA)	(D)	1	(NA)	(D)	(D)	(NA)
25	Nonmetallic minerals, except fuels	6,151	6,600	(NA)	(D)	222	(NA)	(D)	(D)	(NA)	4	(D)	(NA)	71	71	(NA)
26	Construction	335,614	365,050	382,480	18,341	20,237	21,853	4,772	5,164	5,442	1,464	1,575	1,646	8,562	9,682	10,644
27	Manufacturing	906,216	966,643	922,920	56,160	60,848	58,427	17,413	18,149	17,637	3,400	3,455	3,364	25,144	28,221	26,577
28	Durable goods	566,112	609,822	572,208	37,963	41,712	39,651	12,033	12,460	11,975	1,658	1,738	1,730	16,946	19,476	18,151
29	Lumber and wood products	30,548	31,963	(NA)	993	(D)	(NA)	130	139	(NA)	336	360	(NA)	171	179	(NA)
30	Furniture and fixtures	18,554	19,729	(NA)	571	590	(NA)	141	140	(NA)	56	58	(NA)	187	200	(NA)
31	Stone, clay, and glass products	25,603	27,724	(NA)	893	960	(NA)	175	187	(NA)	52	55	(NA)	431	461	(NA)
32	Primary metal industries	36,222	37,492	(NA)	(D)	1,581	(NA)	476	504	(NA)	31	36	(NA)	488	518	(NA)
33	Fabricated metal products	64,138	67,420	(NA)	4,438	4,670	(NA)	1,663	1,791	(NA)	122	136	(NA)	1,896	1,902	(NA)
34	Industrial machinery and equipment	116,723	127,951	(NA)	7,604	8,977	(NA)	2,043	2,043	(NA)	189	212	(NA)	4,100	5,270	(NA)
35	Electronic and other electric equipment	94,125	110,657	(NA)	(D)	(D)	(NA)	2,326	2,613	(NA)	316	355	(NA)	4,216	5,021	(NA)
36	Motor vehicles and equipment	65,021	67,277	(NA)	477	472	(NA)	231	231	(NA)	19	21	(NA)	66	71	(NA)
37	Other transportation equipment	49,539	49,514	(NA)	4,970	4,944	(NA)	3,037	3,064	(NA)	473	440	(NA)	1,169	1,114	(NA)
38	Instruments and related products	50,220	53,729	(NA)	6,024	6,362	(NA)	1,373	1,548	(NA)	34	35	(NA)	3,525	3,986	(NA)
39	Miscellaneous manufacturing industries	15,419	16,366	(NA)	1,853	1,877	(NA)	362	375	(NA)	30	32	(NA)	697	754	(NA)
40	Non-durable goods	340,104	356,821	350,712	18,197	19,137	18,776	5,380	5,668	5,662	1,742	1,717	1,635	8,198	8,745	8,606
41	Food and kindred products	62,862	66,461	(NA)	1,841	1,965	(NA)	411	423	(NA)	196	227	(NA)	890	916	(NA)
42	Tobacco products	2,615	2,794	(NA)	64	56	(NA)	63	56	(NA)	0	0	(NA)	(L)	(L)	(NA)
43	Textile mill products	17,384	17,262	(NA)	1,088	1,123	(NA)	77	76	(NA)	100	107	(NA)	562	593	(NA)
44	Apparel and other textile products	17,761	17,123	(NA)	(D)	554	(NA)	141	121	(NA)	58	62	(NA)	305	293	(NA)
45	Paper and allied products	32,758	33,423	(NA)	2,567	2,752	(NA)	504	677	(NA)	775	754	(NA)	924	949	(NA)
46	Printing and publishing	69,695	73,394	(NA)	4,865	5,054	(NA)	1,345	1,345	(NA)	225	206	(NA)	2,584	2,816	(NA)
47	Chemicals and allied products	87,001	94,951	(NA)	4,060	4,485	(NA)	2,166	2,395	(NA)	90	91	(NA)	1,570	1,761	(NA)
48	Petroleum and coal products	9,527	9,322	(NA)	217	180	(NA)	103	57	(NA)	16	16	(NA)	86	94	(NA)
49	Rubber and miscellaneous plastics products	38,194	39,801	(NA)	2,490	2,527	(NA)	523	494	(NA)	109	103	(NA)	1,193	1,245	(NA)
50	Leather and leather products	2,307	2,290	(NA)	(D)	442	(NA)	37	44	(NA)	174	152	(NA)	84	78	(NA)
51	Transportation and public utilities	388,911	418,232	427,191	16,395	17,826	18,262	4,752	5,050	5,156	1,062	1,116	1,154	7,951	8,821	9,030
52	Railroad transportation	14,047	13,808	(NA)	352	(D)	(NA)	(D)	(D)	(NA)	(D)	41	(NA)	201	203	(NA)
53	Trucking and warehousing	83,171	85,283	(NA)	2,763	2,902	(NA)	610	628	(NA)	332	336	(NA)	1,227	1,322	(NA)
54	Water transportation	8,512	9,405	(NA)	335	381	(NA)	145	159	(NA)	32	43	(NA)	(D)	(D)	(NA)
55	Other transportation	93,573	102,665	(NA)	3,942	(D)	(NA)	(D)	(D)	(NA)	(D)	167	(NA)	(D)	(D)	(NA)
56	Communications	120,423	132,969	(NA)	4,824	5,448	(NA)	1,693	1,825	(NA)	264	276	(NA)	2,228	2,633	(NA)
57	Electric, gas, and sanitary services	69,185	74,102	(NA)	4,180	4,455	(NA)	1,155	1,230	(NA)	240	253	(NA)	1,984	2,113	(NA)
58	Wholesale trade	352,101	378,213	372,199	21,247	23,087	21,927	5,454	5,832	5,738	1,065	1,140	1,160	11,501	12,486	11,380
59	Retail trade	496,034	530,330	549,583	28,666	31,486	32,294	7,171	8,152	7,956	2,386	2,552	2,709	13,352	14,482	15,048
60	Finance, insurance, and real estate	528,783	573,458	602,960	38,680	43,442	46,107	13,716	15,298	16,574	1,495	1,498	1,606	19,365	22,244	23,258
61	Depository and nondepository institutions	132,889	135,356	(NA)	(D)	(D)	(NA)	2,255	2,457	(NA)	(D)	(D)	(NA)	4,351	4,456	(NA)
62	Other finance, insurance, and real estate	395,894	438,102	(NA)	(D)	(D)	(NA)	11,462	12,840	(NA)	(D)	(D)	(NA)	15,015	17,788	(NA)
63	Services	1,619,828	1,779,236	1,851,936	106,990	119,312	123,339	27,100	28,973	29,623	5,735	6,246	6,678	57,863	66,360	68,327
64	Hotels and other lodging places	48,397	52,442	(NA)	2,124	2,310	(NA)	329	359	(NA)	201	214	(NA)	1,064	1,165	(NA)
65	Personal services	46,053	46,773	(NA)	2,596	2,650	(NA)	759	744	(NA)	156	159	(NA)	1,197	1,249	(NA)
66	Private households	12,440	13,279	(NA)	533	567	(NA)	177	188	(NA)	50	53</				

and Earnings by Industry,¹ 1999–2001
of dollars]

New Hampshire			Rhode Island			Vermont			Midwest			Delaware			District of Columbia			Maryland			Line
1999	2000	2001	1999	2000	2001	1999	2000	2001	1999	2000	2001	1999	2000	2001	1999	2000	2001	1999	2000	2001	
37,253	41,630	42,986	28,749	30,728	31,995	15,544	16,691	17,531	1,457,663	1,574,504	1,626,912	22,749	24,767	25,853	20,501	22,158	22,959	167,246	180,353	189,142	1
1,222	1,240	1,259	1,040	1,050	1,059	605	610	613	46,106	46,369	46,526	775	786	796	570	571	572	5,255	5,311	5,375	2
30,485	33,576	34,138	27,632	29,258	30,215	25,705	27,376	28,594	31,616	33,956	34,968	29,354	31,500	32,472	35,953	38,801	40,150	31,829	33,959	35,188	3
24,944	27,488	28,318	18,633	19,900	20,570	10,688	11,467	12,017	1,068,223	1,154,116	1,187,081	18,049	19,084	19,949	43,876	46,945	49,171	107,921	116,036	122,231	4
1,552	1,688	1,761	1,275	1,344	1,409	678	717	762	64,507	68,684	71,592	1,098	1,147	1,209	2,194	2,349	2,536	6,514	6,915	7,402	5
3,135	3,823	3,817	1,138	1,276	1,246	108	122	122	-17,155	-17,659	-18,364	-1,331	-1,068	-1,135	-28,046	-29,850	-31,222	17,523	19,325	20,124	6
26,527	29,624	30,374	18,496	19,832	20,407	10,119	10,872	11,378	986,561	1,067,773	1,097,124	15,619	16,868	17,604	13,636	14,747	15,414	118,930	128,446	134,954	7
6,817	7,856	8,099	5,417	5,884	6,021	3,230	3,488	3,610	264,996	291,408	298,613	4,436	4,997	5,097	4,184	4,652	4,685	31,390	34,167	34,931	8
3,909	4,150	4,513	4,836	5,011	5,567	2,195	2,331	2,544	206,106	215,323	231,175	2,694	2,901	3,152	2,681	2,759	2,860	16,926	17,740	19,257	9
19,773	21,914	22,533	15,021	16,080	16,595	8,320	8,964	9,407	850,801	923,555	947,731	14,905	15,810	16,466	34,851	37,524	39,103	87,121	93,904	98,791	10
2,004	2,223	2,350	1,785	1,900	1,999	946	1,022	1,094	90,070	95,749	100,903	1,708	1,785	1,889	6,468	6,697	7,194	11,179	11,926	12,829	11
3,166	3,351	3,435	1,827	1,920	1,976	1,421	1,481	1,516	127,352	134,812	138,447	1,435	1,489	1,593	2,557	2,724	2,874	9,621	10,206	10,611	12
4	4	4	6	6	6	91	87	74	1,021	1,081	1,145	93	65	127	0	0	0	219	238	287	13
3,162	3,355	3,440	1,821	1,918	1,975	1,331	1,394	1,442	126,332	133,730	137,302	1,342	1,424	1,466	2,557	2,724	2,874	9,401	9,967	10,324	14
39	35	36	17	16	15	141	142	133	2,130	2,308	2,468	127	102	167	0	0	0	335	367	426	15
24,905	27,453	28,282	18,615	19,884	20,555	10,548	11,325	11,884	1,066,093	1,151,808	1,184,613	17,922	18,982	19,782	43,876	46,945	49,171	107,586	115,669	121,805	16
22,093	24,443	25,076	15,259	16,266	16,820	8,853	9,513	9,943	895,881	974,211	1,000,703	15,450	16,365	17,113	25,544	27,868	29,461	82,615	89,362	93,874	17
168	180	199	125	135	144	92	96	105	5,987	6,538	6,980	(D)	(D)	(D)	(D)	(D)	(D)	640	731	793	18
149	162	(NA)	83	91	(NA)	87	92	(NA)	4,387	4,387	83	91	(NA)	(D)	15	(NA)	(NA)	614	704	(NA)	19
19	18	(NA)	42	44	(NA)	5	4	(NA)	2,152	2,152	(D)	(D)	(D)	998	(D)	(D)	(NA)	26	27	(NA)	20
24	25	26	12	13	14	26	28	28	2,749	2,592	2,640	(D)	(D)	(D)	(D)	(D)	(D)	134	129	146	21
(D)	(D)	(NA)	(L)	(L)	(NA)	(L)	(L)	(NA)	26	19	(NA)	(L)	(L)	(NA)	(D)	(D)	(NA)	(L)	(L)	(NA)	22
0	0	(NA)	2	1	(NA)	0	0	(NA)	1,284	959	(NA)	0	(NA)	(NA)	2	1	(NA)	58	44	(NA)	23
(D)	2	(NA)	(D)	(D)	(NA)	(L)	(L)	(NA)	632	728	(NA)	(D)	(D)	(NA)	7	12	(NA)	15	19	(NA)	24
23	(D)	(NA)	(D)	(D)	(NA)	26	27	(NA)	807	886	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	61	67	(NA)	25
1,754	1,888	2,111	1,018	1,102	1,141	772	827	869	49,687	54,580	58,301	1,184	1,214	1,244	453	525	538	7,537	8,243	8,896	26
5,069	5,672	5,359	3,083	3,101	3,032	2,051	2,250	2,278	139,885	149,584	145,209	3,850	3,775	3,750	985	977	932	8,706	9,459	9,578	27
3,730	4,241	4,003	2,083	2,128	2,066	1,513	1,668	1,726	68,325	71,585	69,921	1,087	1,010	936	184	142	126	4,650	5,202	5,359	28
191	205	(NA)	60	61	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	(D)	21	(NA)	(D)	(D)	(NA)	162	172	(NA)	29
42	44	(NA)	60	66	(NA)	84	88	(NA)	1,690	1,857	(NA)	60	59	(NA)	2	(NA)	(NA)	109	115	(NA)	30
91	112	(NA)	47	44	(NA)	97	101	(NA)	4,500	(D)	(NA)	37	38	(NA)	6	(D)	(NA)	268	289	(NA)	31
237	265	(NA)	(D)	191	(NA)	57	67	(NA)	6,379	6,418	(NA)	70	74	(NA)	3	3	(NA)	449	443	(NA)	32
343	382	(NA)	306	343	(NA)	109	117	(NA)	7,946	8,438	(NA)	85	91	(NA)	1	(NA)	(NA)	381	410	(NA)	33
963	1,027	(NA)	219	218	(NA)	191	206	(NA)	13,915	14,218	(NA)	65	76	(NA)	12	10	(NA)	820	854	(NA)	34
1,006	1,313	(NA)	227	267	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	32	32	(NA)	(D)	(D)	(NA)	780	1,106	(NA)	35
113	108	(NA)	22	13	(NA)	26	29	(NA)	(D)	3,547	(NA)	508	(D)	(NA)	(D)	(D)	(NA)	273	248	(NA)	36
55	64	(NA)	129	136	(NA)	108	126	(NA)	(D)	3,304	(NA)	7	(D)	(NA)	(D)	(D)	(NA)	384	491	(NA)	37
583	598	(NA)	262	292	(NA)	72	79	(NA)	10,304	10,294	(NA)	195	190	(NA)	4	7	(NA)	918	943	(NA)	38
107	121	(NA)	595	528	(NA)	61	67	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	6	7	(NA)	106	131	(NA)	39
1,339	1,431	1,356	999	973	966	538	582	552	71,560	77,999	75,288	2,764	2,765	2,815	801	835	806	4,055	4,257	4,218	40
109	120	(NA)	89	92	(NA)	146	186	(NA)	9,048	10,276	(NA)	252	245	(NA)	14	13	(NA)	821	878	(NA)	41
0	0	(NA)	(L)	(L)	(NA)	0	0	(NA)	(D)	(D)	(NA)	(L)	(L)	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	42
107	113	(NA)	227	218	(NA)	15	17	(NA)	(D)	1,583	(NA)	(D)	50	(NA)	2	2	(NA)	56	66	(NA)	43
40	38	(NA)	(D)	24	(NA)	18	16	(NA)	(D)	4,096	(NA)	(D)	29	(NA)	1	1	(NA)	136	126	(NA)	44
204	207	(NA)	73	78	(NA)	87	87	(NA)	4,490	(D)	(NA)	81	86	(NA)	5	(D)	(NA)	286	288	(NA)	45
303	302	(NA)	231	223	(NA)	166	162	(NA)	18,386	19,421	(NA)	92	95	(NA)	726	715	(NA)	1,303	1,410	(NA)	46
77	90	(NA)	122	110	(NA)	35	40	(NA)	26,867	30,878	(NA)	2,075	2,066	(NA)	48	95	(NA)	987	998	(NA)	47
11	11	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	1,473	(D)	(NA)	60	(D)	(NA)	5	5	(NA)	48	49	(NA)	48
378	398	(NA)	220	216	(NA)	68	70	(NA)	(D)	4,910	(NA)	130	126	(NA)	(D)	(L)	(NA)	380	394	(NA)	49
110	153	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	461	485	(NA)	(D)	(D)	(NA)	0	0	(NA)	(D)	(D)	(NA)	50
1,101	1,191	1,225	964	1,056	1,081	566	593	617	70,198	74,674	76,525	805	856	885	1,470	1,527	1,556	6,322	6,665	7,129	51
26	27	(NA)	(D)	(D)	(NA)	10	10	(NA)	1,852	1,485	(NA)	65	(D)	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	52
254	265	(NA)	175	181	(NA)	165	170	(NA)	11,388	11,798	(NA)	213	234	(NA)	37	36	(NA)	1,175	1,230	(NA)	53
(D)	(D)	(NA)	25	27	(NA)	7	7	(NA)	1,378	1,506	(NA)	(D)	25	(NA)	6	8	(NA)	(D)	(D)	(NA)	54
258	293	(NA)	254	281	(NA)	108	113	(NA)	16,876	17,975	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	55
331	351	(NA)	320	355	(NA)	149	153	(NA)	26,299	28,587	(NA)	158	172	(NA)	937	890	(NA)	2,087	2,357	(NA)	56
1,793	2,050	2,094	927	1,040	987	507	539	569	63,464	68,024	67,263	729	802	839	424	415	375	5,943	6,392	6,444	58
2,949	3,181	3,354	1,729	1,969	2,005	1,079	1,151	1,220	77,536	83,254	86,328	1,540	1,616	1,677	934	1,015	1,057	9,415	9,935	10,336	59
1,975	2,120	2,187	1,517	1,648	1,796	612	635	686	155,280	174,813	180,558	2,723	3,068	3,386	2,537	2,841	2,956	8,728	9,114	9,769	60
330	341	(NA)	481	507	(NA)	203	195	(NA)	(D)	(D)	(NA)	1,771	2,015	(NA)	(D)	(D)	(NA)	2,268	2,260	(NA)	61
1,645	1,779	(NA)	1,036	1,141	(NA)	408	440	(NA)	(D)	(D)	(NA)	952	1,052	(NA)	(D)	(D)	(

Table 3. Personal Income by Major Source
(Millions)

Line	Item	New Jersey			New York			Pennsylvania			Great Lakes			Illinois		
		1999	2000	2001	1999	2000	2001	1999	2000	2001	1999	2000	2001	1999	2000	2001
Income by place of residence																
1	Personal income (lines 4-9)	288,812	317,346	326,723	615,903	664,927	684,774	342,452	364,953	377,461	1,253,408	1,333,919	1,365,555	373,578	401,030	412,200
2	Population (thousands) ²	8,360	8,429	8,484	18,883	18,989	19,011	12,264	12,283	12,287	44,969	45,210	45,363	12,359	12,436	12,482
3	Per capita personal income (dollars) ³	34,549	37,649	38,509	32,617	35,016	36,019	27,924	29,713	30,720	27,873	29,505	30,103	30,227	32,248	33,023
Derivation of personal income																
4	Earnings by place of work (lines 10-14 or 15-85)	200,104	218,770	222,348	460,681	501,564	514,437	237,592	251,717	258,945	910,690	958,895	969,556	276,454	294,112	300,076
5	Less: Personal contributions for social insurance ⁴	12,375	13,312	13,700	27,625	29,675	30,786	14,701	15,286	15,959	54,179	56,076	57,344	16,024	16,736	17,267
6	Plus: Adjustment for residence ⁵	17,799	19,980	20,991	-25,099	-27,794	-28,791	1,999	1,748	1,668	3,927	4,446	4,623	-872	-1,157	-1,163
7	Equals: Net earnings by place of residence	205,528	225,438	229,639	407,957	444,095	454,860	224,891	238,179	244,653	860,438	907,265	916,835	259,558	276,218	281,646
8	Plus: Dividends, interest, and rent ⁶	51,158	57,935	59,951	111,555	120,810	123,279	62,273	68,846	70,671	233,359	258,581	265,241	72,251	80,674	83,170
9	Plus: Transfer payments	32,126	33,972	37,133	96,391	100,022	106,635	55,288	57,929	62,137	159,612	168,073	183,479	41,769	44,138	47,384
Earnings by place of work																
Components of earnings:																
10	Wage and salary disbursements	160,795	176,235	178,439	366,360	402,144	411,556	186,769	197,938	203,375	741,725	781,355	787,073	222,401	236,442	240,650
11	Other labor income	15,587	16,819	17,523	34,762	37,302	39,231	20,365	21,220	22,237	84,607	88,468	91,499	24,377	25,772	26,877
12	Proprietors' income ⁷	23,722	25,717	26,387	59,559	62,117	63,650	30,458	32,559	33,332	84,358	89,072	90,984	29,677	31,898	32,548
13	Farm	38	89	47	337	199	340	332	491	345	1,279	1,171	1,169	396	802	682
14	Nonfarm	23,684	25,628	26,340	59,221	61,918	63,310	30,126	32,068	32,987	83,079	87,902	89,815	29,280	31,096	31,866
Earnings by industry																
15	Farm	200	268	240	720	621	796	748	950	840	3,332	3,293	3,421	775	1,161	1,091
16	Nonfarm	199,903	218,502	222,108	459,963	500,943	513,641	236,845	250,768	258,105	907,358	955,603	966,135	275,679	292,950	298,985
17	Private	172,157	189,443	191,857	394,107	432,460	443,576	206,010	218,713	224,823	782,903	824,928	829,416	238,849	254,200	258,522
18	Agricultural services, forestry, fishing, and other ⁸	912	996	1,111	2,145	2,318	2,448	1,194	1,323	1,433	4,606	4,974	5,298	1,380	1,501	1,611
19	Agricultural services	883	965	(NA)	1,214	1,333	1,419	1,149	1,280	(NA)	4,488	4,861	(NA)	1,337	1,456	(NA)
20	Forestry, fishing, and other ⁸	29	31	(NA)	931	985	(NA)	45	43	(NA)	118	112	(NA)	44	45	(NA)
21	Mining	289	309	272	489	549	532	1,818	1,581	1,667	2,911	3,026	3,022	893	883	891
22	Metal mining	(D)	(D)	(NA)	26	(D)	(NA)	(D)	(NA)	(NA)	32	168	(NA)	1	2	(NA)
23	Coal mining	19	12	(NA)	13	8	(NA)	1,192	895	(NA)	943	745	(NA)	349	280	(NA)
24	Oil and gas extraction	(D)	(D)	(NA)	238	(D)	(NA)	(D)	385	(NA)	1,029	1,117	(NA)	322	368	(NA)
25	Nonmetallic minerals, except fuels	246	273	(NA)	212	240	(NA)	281	300	(NA)	907	996	(NA)	221	233	(NA)
26	Construction	9,329	10,360	11,393	17,566	19,533	20,717	13,618	14,706	15,511	53,763	57,585	58,734	15,672	17,085	17,945
27	Manufacturing	29,208	33,738	30,836	49,582	52,107	51,931	47,555	49,528	48,182	223,152	230,372	218,342	48,792	50,440	49,109
28	Durable goods	10,172	10,929	10,832	25,909	27,292	26,841	26,322	27,010	25,827	155,251	160,435	149,158	29,624	30,685	29,094
29	Lumber and wood products	242	274	(NA)	546	609	(NA)	1,415	1,527	(NA)	4,554	4,735	(NA)	503	532	(NA)
30	Furniture and fixtures	257	307	(NA)	612	666	(NA)	649	708	(NA)	4,912	5,292	(NA)	664	702	(NA)
31	Stone, clay, and glass products	786	848	(NA)	1,493	2,093	(NA)	1,909	2,021	(NA)	5,673	5,816	(NA)	1,074	1,086	(NA)
32	Primary metal industries	579	636	(NA)	1,024	1,011	(NA)	4,255	4,252	(NA)	14,303	14,517	(NA)	2,232	2,243	(NA)
33	Fabricated metal products	1,313	1,417	(NA)	2,442	2,554	(NA)	3,722	3,966	(NA)	22,829	23,271	(NA)	5,095	5,356	(NA)
34	Industrial machinery and equipment	1,896	1,965	(NA)	6,008	6,254	(NA)	5,115	5,059	(NA)	32,054	32,684	(NA)	8,527	8,637	(NA)
35	Electronic and other electric equipment	1,474	1,653	(NA)	5,083	5,537	(NA)	3,854	4,024	(NA)	16,034	16,915	(NA)	6,368	6,663	(NA)
36	Motor vehicles and equipment	470	474	(NA)	1,425	1,470	(NA)	927	946	(NA)	41,597	43,067	(NA)	1,908	1,887	(NA)
37	Other transportation equipment	211	247	(NA)	628	638	(NA)	1,942	1,894	(NA)	4,673	4,978	(NA)	617	616	(NA)
38	Instruments and related products	2,343	2,462	(NA)	5,189	4,988	(NA)	1,656	1,703	(NA)	5,876	6,297	(NA)	1,733	1,821	(NA)
39	Miscellaneous manufacturing industries	601	646	(NA)	1,457	1,472	(NA)	879	910	(NA)	2,745	2,865	(NA)	903	940	(NA)
40	Non-durable goods	19,036	22,808	20,004	23,672	24,815	25,090	21,232	22,518	22,355	67,902	69,937	69,184	19,168	19,755	20,015
41	Food and kindred products	1,931	2,832	(NA)	2,707	2,802	(NA)	3,323	3,505	(NA)	12,117	12,540	(NA)	4,399	4,597	(NA)
42	Tobacco products	(D)	(D)	(NA)	244	281	(NA)	41	52	(NA)	23	23	(NA)	21	(D)	(NA)
43	Textile mill products	380	372	(NA)	534	508	(NA)	599	584	(NA)	400	(D)	(NA)	73	(D)	(NA)
44	Apparel and other textile products	614	622	(NA)	2,558	2,482	(NA)	838	835	(NA)	1,947	1,967	(NA)	356	357	(NA)
45	Paper and allied products	1,065	1,054	(NA)	1,445	1,472	(NA)	1,607	1,645	(NA)	7,485	7,619	(NA)	1,508	1,515	(NA)
46	Printing and publishing	3,445	3,546	(NA)	9,482	10,225	(NA)	3,338	3,430	(NA)	12,921	13,265	(NA)	4,786	4,875	(NA)
47	Chemicals and allied products	9,866	12,628	(NA)	5,048	5,322	(NA)	8,843	9,770	(NA)	18,737	19,476	(NA)	4,692	4,798	(NA)
48	Petroleum and coal products	534	554	(NA)	234	223	(NA)	591	567	(NA)	(D)	(D)	(NA)	602	592	(NA)
49	Rubber and miscellaneous plastics products	1,100	1,101	(NA)	1,259	1,329	(NA)	1,890	1,959	(NA)	12,460	12,921	(NA)	2,632	2,836	(NA)
50	Leather and leather products	(D)	(D)	(NA)	160	170	(NA)	161	172	(NA)	(D)	(D)	(NA)	101	95	(NA)
51	Transportation and public utilities	18,170	19,468	19,494	26,682	28,406	29,321	16,749	17,552	18,140	55,631	58,249	59,223	20,443	21,477	21,627
52	Railroad transportation	(D)	100	(NA)	(D)	(D)	(NA)	(D)	635	(NA)	2,534	2,497	(NA)	1,006	1,008	(NA)
53	Trucking and warehousing	3,156	3,318	(NA)	2,912	2,974	(NA)	3,894	4,005	(NA)	16,354	16,532	(NA)	4,525	4,558	(NA)
54	Water transportation	574	630	(NA)	431	487	(NA)	181	169	(NA)	524	569	(NA)	166	183	(NA)
55	Other transportation	(D)	4,305	(NA)	(D)	(D)	(NA)	(D)	4,059	(NA)	13,522	14,689	(NA)	5,927	6,441	(NA)
56	Communications	7,734	8,236	(NA)	10,862	11,989	(NA)	4,515	4,941	(NA)	12,343	13,281	(NA)	5,278	5,729	(NA)
57	Electric, gas, and sanitary services	2,601	2,879	(NA)	4,498	4,677	(NA)	3,654	3,742	(NA)	10,354	10,681	(NA)	3,540	3,558	(NA)
58	Wholesale trade	17,160	18,956	18,716	25,755	27,129	26,530	13,452	14,330	14,360	59,219	63,145	61,377	19,793	21,597	21,065
59	Retail trade	15,660	17,080	17,809	29,443	31,868	32,824	20,544	21,740	22,625	77,278	81,250	83,448	21,241	22,381	23,258
60	Finance, insurance, and real estate	20,463	22,861	23,318	101,236	116,081	119,508	19,592	20,848	21,621	70,731	73,729	77,596	29,418	30,898	32,348
61	Depository and nondepository institutions	3,839	3,988	(NA)	18,544	17,513	(NA)	4,975	5,125	(NA)	19,810	20,043	(NA)	7,622	7,786	(NA)
62	Other finance, insurance, and real estate	16,624	18,872	(NA)	82,691	98,568	(NA)	14,617	15,723	(NA)	50,921	53,686	(NA)	21,796	23,112	(NA)
63	Services	60,965	65,677	68,908	141,208	154,469	159,765	71,489	77,104	81,285	235,613	252,597	262,375	81,217	87,937	90,666
64	Hotels and other lodging places	2,855	3,056	(NA)	3,031	3,413	(NA)	1,202	1,285	(NA)	3,951	4,237	(NA)	1,457	1,587	(NA)
65	Personal services	1,395	1,448	(NA)	3,144	3,162	(NA)	1,876	1,903	(NA)	7,370	7,503	(NA)	2,076	2,123	(NA)
66	Private households	317	338	(NA)	1,513</											

and Earnings by Industry,¹ 1999–2001—Continued
of dollars]

Indiana			Michigan			Ohio			Wisconsin			Plains			Iowa			Kansas			Line	
1999'	2000'	2001'	1999'	2000'	2001'	1999'	2000'	2001'	1999'	2000'	2001'	1999'	2000'	2001'	1999'	2000'	2001'	1999'	2000'	2001'		
154,919	165,815	169,885	276,541	293,744	297,609	304,515	320,377	327,745	143,855	152,953	158,116	512,109	547,631	566,457	72,912	77,790	79,893	69,960	74,124	76,973	1	
6,045	6,090	6,115	9,897	9,952	9,991	11,335	11,360	11,374	5,333	5,372	5,402	19,131	19,263	19,324	2,918	2,928	2,923	2,678	2,692	2,695	2	
25,628	27,228	27,783	27,942	29,516	29,788	26,864	28,202	28,816	26,976	28,471	29,270	26,769	28,429	29,313	24,990	26,572	27,331	26,121	27,537	28,565	3	
111,220	116,578	117,624	203,069	213,720	211,961	218,175	227,807	230,611	101,773	106,678	109,285	370,991	393,351	403,851	51,258	54,048	54,999	50,078	52,116	53,879	4	
7,000	7,197	7,345	12,491	12,940	13,010	12,328	12,639	12,923	6,336	6,565	6,799	23,198	24,225	25,291	3,303	3,397	3,530	3,085	3,204	3,354	5	
2,809	3,348	3,450	859	959	984	-1,350	-1,391	-1,376	2,481	2,687	2,727	-4,098	-4,497	-4,587	517	595	580	631	940	952	6	
107,029	112,730	113,729	191,437	201,739	199,936	204,497	213,777	216,312	97,917	102,801	105,212	343,696	364,629	373,972	48,472	51,246	52,049	47,624	49,852	51,477	7	
27,828	31,552	32,544	47,857	53,763	55,193	57,168	61,264	62,286	28,255	31,328	32,049	102,404	113,056	116,130	14,574	16,073	16,615	13,617	14,957	15,413	8	
20,062	21,534	23,612	37,248	38,242	42,481	42,850	45,336	49,147	17,683	18,824	20,855	66,009	69,946	76,354	9,866	10,471	11,230	8,719	9,315	10,082	9	
90,955	94,918	95,207	166,691	175,610	173,309	178,292	186,490	188,245	83,386	87,895	89,663	295,195	313,832	322,783	40,504	42,281	43,267	39,092	41,314	42,667	10	
10,675	11,317	11,714	19,490	20,527	20,857	20,520	20,816	21,535	9,545	10,036	10,515	32,961	35,152	37,150	4,521	4,771	5,009	4,644	4,926	5,220	11	
9,591	10,343	10,703	16,887	17,583	17,796	19,362	20,502	20,830	8,841	8,747	9,106	42,835	44,367	43,917	6,233	6,996	6,723	6,342	5,877	5,992	12	
-35	248	376	306	-89	-175	289	430	371	323	-219	-86	5,271	4,884	3,446	935	1,470	1,050	1,061	290	270	13	
9,626	10,095	10,327	16,581	17,672	17,971	19,073	20,072	20,459	8,518	8,967	9,192	37,563	39,483	40,471	5,298	5,526	5,673	5,281	5,587	5,721	14	
230	501	661	812	471	389	625	752	734	891	407	546	7,220	6,904	5,695	1,278	1,797	1,421	1,382	629	664	15	
110,991	116,077	116,962	202,257	213,248	211,573	217,550	227,056	229,877	100,882	106,271	108,739	363,771	386,447	398,156	49,980	52,251	53,578	48,686	51,487	53,215	16	
96,269	100,392	100,671	175,704	185,501	182,619	185,570	193,744	195,055	86,511	91,090	92,548	307,197	326,480	334,452	41,793	43,589	44,475	40,064	42,394	43,632	17	
539	585	633	1,011	1,093	1,147	1,040	1,124	1,189	635	671	718	2,322	2,464	2,612	383	394	424	359	388	412	18	
534	579	(NA)	978	1,062	(NA)	-1,025	1,112	(NA)	615	652	(NA)	2,294	2,438	(NA)	379	389	(NA)	357	385	(NA)	19	
6	5	(NA)	33	31	(NA)	15	12	(NA)	21	19	(NA)	17	28	(NA)	4	4	(NA)	2	2	(NA)	20	
472	422	458	551	612	595	828	934	898	166	174	180	1,616	1,722	1,712	100	99	101	462	532	556	21	
(L)	(D)	(NA)	106	(D)	(NA)	-77	(D)	(NA)	2	(D)	(NA)	386	395	(NA)	(D)	(D)	(NA)	(L)	(L)	(NA)	22	
265	204	(NA)	19	(NA)	(NA)	293	(D)	(NA)	17	10	(NA)	(D)	180	(NA)	(D)	6	(NA)	(D)	(D)	(NA)	23	
59	(D)	(NA)	283	302	(NA)	356	371	(NA)	9	(D)	(NA)	530	626	(NA)	(D)	(D)	(NA)	382	454	(NA)	24	
148	153	(NA)	143	193	(NA)	257	276	(NA)	138	151	(NA)	(D)	520	(NA)	86	89	(D)	(D)	(D)	(NA)	25	
7,434	7,768	7,992	11,406	12,456	12,372	12,605	13,245	13,287	6,647	7,030	7,238	23,701	25,242	26,383	3,277	3,297	3,454	2,996	3,195	3,259	26	
32,676	33,336	31,258	61,516	64,458	59,604	53,751	54,808	51,924	26,416	27,331	26,447	65,140	67,867	66,557	10,358	10,802	10,618	8,891	9,012	9,135	27	
23,846	24,460	22,554	48,370	50,529	46,305	36,741	37,540	34,997	16,670	17,221	16,208	39,022	40,951	39,700	6,423	6,757	6,558	5,731	5,806	5,942	28	
1,131	1,109	(NA)	750	799	(NA)	1,081	1,149	(NA)	1,090	1,145	(NA)	2,238	(D)	(NA)	463	(D)	(NA)	146	144	(NA)	29	
865	904	(NA)	2,105	2,317	(NA)	665	698	(NA)	612	671	(NA)	1,232	1,335	(NA)	269	289	(NA)	58	70	(NA)	30	
792	815	(NA)	1,256	1,240	(NA)	2,067	2,164	(NA)	484	512	(NA)	1,651	1,752	(NA)	305	328	(NA)	255	272	(NA)	31	
3,932	3,958	(NA)	2,036	2,123	(NA)	4,957	5,038	(NA)	1,147	1,154	(NA)	4,613	4,901	(NA)	435	462	(NA)	134	124	(NA)	32	
2,571	2,650	(NA)	6,516	6,701	(NA)	5,909	6,117	(NA)	2,738	2,846	(NA)	9,968	10,476	(NA)	769	830	(NA)	351	377	(NA)	33	
3,450	3,512	(NA)	7,167	7,364	(NA)	7,571	7,469	(NA)	5,339	5,301	(NA)	9,968	10,476	(NA)	1,967	2,032	(NA)	947	1,001	(NA)	34	
2,421	2,412	(NA)	1,878	1,902	(NA)	3,456	3,753	(NA)	1,911	1,985	(NA)	4,506	4,900	(NA)	738	772	(NA)	378	391	(NA)	35	
6,021	6,233	(NA)	24,771	26,127	(NA)	7,516	7,464	(NA)	1,381	1,355	(NA)	3,691	3,806	(NA)	549	565	(NA)	448	402	(NA)	36	
1,226	1,279	(NA)	612	665	(NA)	1,678	1,746	(NA)	539	671	(NA)	4,874	4,798	(NA)	159	171	(NA)	2,749	2,730	(NA)	37	
1,029	1,157	(NA)	895	886	(NA)	1,192	1,261	(NA)	1,027	1,172	(NA)	(D)	(D)	(NA)	591	(D)	(NA)	178	175	(NA)	38	
408	432	(NA)	384	404	(NA)	648	681	(NA)	402	408	(NA)	921	1,039	(NA)	179	189	(NA)	85	119	(NA)	39	
8,830	8,876	8,705	13,147	13,299	13,299	17,010	17,268	16,927	9,746	10,110	10,239	26,118	26,916	26,857	3,935	4,045	4,060	3,160	3,206	3,193	40	
1,241	1,259	(NA)	1,615	1,645	(NA)	2,405	2,479	(NA)	2,458	2,559	(NA)	9,080	9,374	(NA)	1,843	1,870	(NA)	1,120	1,162	(NA)	41	
(D)	(D)	(NA)	(L)	(L)	(NA)	(L)	(L)	(NA)	(D)	(D)	(NA)	1	1	(NA)	0	0	(NA)	0	0	(NA)	42	
39	36	(NA)	23	27	(NA)	159	161	(NA)	108	105	(NA)	94	100	(NA)	13	(D)	(NA)	(D)	9	(NA)	43	
211	231	(NA)	887	893	(NA)	328	318	(NA)	164	167	(NA)	687	641	(NA)	95	89	(NA)	87	86	(NA)	44	
638	651	(NA)	1,002	1,011	(NA)	1,622	1,653	(NA)	2,716	2,789	(NA)	(D)	(D)	(NA)	256	261	(NA)	204	192	(NA)	45	
1,408	1,443	(NA)	1,803	1,867	(NA)	2,993	3,036	(NA)	1,931	2,045	(NA)	5,982	6,175	(NA)	699	740	(NA)	748	762	(NA)	46	
3,062	2,978	(NA)	5,060	5,656	(NA)	5,079	5,160	(NA)	844	884	(NA)	(D)	3,833	(NA)	390	414	(NA)	457	451	(NA)	47	
237	219	(NA)	118	111	(NA)	411	389	(NA)	(D)	(D)	(NA)	396	434	(NA)	18	(D)	(NA)	103	105	(NA)	48	
1,968	2,040	(NA)	2,509	2,587	(NA)	3,971	4,033	(NA)	1,379	1,424	(NA)	2,804	2,911	(NA)	595	608	(NA)	422	426	(NA)	49	
(D)	(D)	(NA)	128	131	(NA)	40	38	(NA)	122	110	(NA)	243	(D)	(NA)	26	29	(NA)	(D)	12	(NA)	50	
6,792	7,075	7,256	10,240	10,711	10,890	12,156	12,695	12,920	6,000	6,291	6,529	28,684	30,528	30,965	3,351	3,497	3,525	4,486	5,148	5,121	51	
(D)	(D)	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	237	239	(NA)	2,453	2,437	(NA)	243	(D)	(D)	(NA)	(D)	(D)	(NA)	52
2,751	2,800	(NA)	2,638	2,630	(NA)	3,953	3,999	(NA)	2,487	2,544	(NA)	8,135	8,322	(NA)	1,416	1,467	(NA)	990	1,060	(NA)	53	
113	(D)	(NA)	70	79	(NA)	145																

Table 3. Personal Income by Major Source
[Millions]

Line	Item	Minnesota			Missouri			Nebraska			North Dakota			South Dakota		
		1999'	2000'	2001'	1999'	2000'	2001'	1999'	2000'	2001'	1999'	2000'	2001'	1999'	2000'	2001'
Income by place of residence																
1	Personal income (lines 4-9)	146,891	158,817	164,589	143,858	153,830	158,906	45,274	47,534	49,489	14,846	16,027	16,434	18,368	19,509	20,174
2	Population (thousands) ²	4,873	4,931	4,972	5,562	5,604	5,630	1,705	1,713	1,713	644	641	634	750	756	757
3	Per capita personal income (dollars) ³	30,141	32,207	33,101	25,865	27,452	28,226	26,558	27,756	28,886	23,043	25,007	25,902	24,477	25,823	26,664
Derivation of personal income																
4	Earnings by place of work (lines 10-14 or 15-85)	109,068	117,383	120,924	104,412	110,999	113,629	32,927	34,127	35,236	10,493	11,224	11,432	12,755	13,454	13,752
5	Less: Personal contributions for social insurance ⁴	6,963	7,383	7,739	6,338	6,596	6,848	2,026	2,102	2,185	688	710	757	795	832	879
6	Plus: Adjustment for residence ⁵	-955	-1,087	-1,109	-3,086	-3,676	-3,732	-622	-668	-677	-368	-369	-385	-215	-233	-216
7	Equals: Net earnings by place of residence	101,150	108,913	112,077	94,988	100,727	103,049	30,280	31,358	32,374	9,437	10,144	10,290	11,745	12,389	12,656
8	Plus: Dividends, interest, and rent ⁶	29,838	33,061	33,763	27,869	30,832	31,460	9,303	10,287	10,692	3,061	3,348	3,489	4,143	4,497	4,698
9	Plus: Transfer payments	15,904	16,843	18,749	21,001	22,270	24,396	5,691	5,889	6,423	2,348	2,535	2,654	2,480	2,623	2,820
Earnings by place of work																
Components of earnings:																
10	Wage and salary disbursements	89,406	96,588	99,764	83,912	88,916	90,852	25,152	26,615	27,328	8,044	8,434	8,856	9,086	9,685	10,049
11	Other labor income	9,042	9,759	10,378	9,743	10,381	10,876	2,881	3,055	3,219	998	1,052	1,142	1,133	1,208	1,306
12	Proprietors' income ⁷	10,620	11,035	10,782	10,757	11,702	11,901	4,895	4,458	4,689	1,450	1,738	1,434	2,537	2,562	2,396
13	Farm	856	755	239	-65	361	279	1,284	622	778	237	473	130	963	913	699
14	Nonfarm	9,764	10,280	10,543	10,822	11,340	11,622	3,611	3,836	3,912	1,213	1,265	1,303	1,573	1,649	1,697
Earnings by industry																
15	Farm	1,313	1,261	748	203	618	568	1,599	956	1,165	366	609	288	1,079	1,035	841
16	Nonfarm	107,754	116,122	120,177	104,209	110,381	113,060	31,328	33,171	34,072	10,127	10,615	11,145	11,676	12,419	12,911
17	Private	93,639	101,067	103,969	88,354	93,500	95,444	25,871	27,482	28,045	7,940	8,324	8,583	9,535	10,124	10,303
18	Agricultural services, forestry, fishing, and other ⁸	595	638	678	551	587	630	233	249	252	92	96	100	108	112	115
19	Agricultural services	585	628	(NA)	545	583	(NA)	231	248	(NA)	91	95	(NA)	105	110	(NA)
20	Forestry, fishing, and other ⁸	11	10	(NA)	5	4	(NA)	2	1	(NA)	1	1	(NA)	3	2	(NA)
21	Mining	423	429	374	284	295	297	96	104	104	194	202	224	57	61	55
22	Metal mining	305	312	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	(L)	(L)	(NA)	27	29	(NA)
23	Coal mining	(D)	8	(NA)	66	63	(NA)	13	8	(NA)	81	75	(NA)	(D)	(D)	(NA)
24	Oil and gas extraction	(D)	(D)	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	83	100	(NA)	(D)	(D)	(NA)
25	Nonmetallic minerals, except fuels	89	(D)	(NA)	145	157	(NA)	65	74	(NA)	29	27	(NA)	24	25	(NA)
26	Construction	6,791	7,413	7,851	7,052	7,613	8,042	2,083	2,186	2,201	766	738	739	737	800	838
27	Manufacturing	21,139	22,417	21,993	17,858	18,359	17,754	4,334	4,547	4,464	831	894	915	1,727	1,836	1,679
28	Durable goods	12,640	13,595	13,038	10,297	10,634	10,318	2,152	2,263	2,103	532	583	597	1,247	1,312	1,143
29	Lumber and wood products	968	1,061	(NA)	430	459	(NA)	82	90	(NA)	48	52	(NA)	102	116	(NA)
30	Furniture and fixtures	263	295	(NA)	492	525	(NA)	109	107	(NA)	18	21	(NA)	22	27	(NA)
31	Stone, clay, and glass products	434	466	(NA)	461	472	(NA)	110	122	(NA)	36	40	(NA)	49	52	(NA)
32	Primary metal industries	366	390	(NA)	573	585	(NA)	79	91	(NA)	(D)	(D)	(NA)	47	41	(NA)
33	Fabricated metal products	1,650	1,759	(NA)	1,403	1,446	(NA)	320	351	(NA)	43	45	(NA)	77	93	(NA)
34	Industrial machinery and equipment	4,114	4,300	(NA)	1,596	1,727	(NA)	497	539	(NA)	233	259	(NA)	615	618	(NA)
35	Electronic and other electric equipment	1,556	1,835	(NA)	1,209	1,271	(NA)	478	462	(NA)	41	46	(NA)	107	123	(NA)
36	Motor vehicles and equipment	394	424	(NA)	2,023	2,132	(NA)	149	153	(NA)	65	64	(NA)	63	66	(NA)
37	Other transportation equipment	320	364	(NA)	1,515	1,384	(NA)	96	107	(NA)	28	33	(NA)	7	9	(NA)
38	Instruments and related products	2,291	2,374	(NA)	352	370	(NA)	195	199	(NA)	(D)	(D)	(NA)	77	82	(NA)
39	Miscellaneous manufacturing industries	284	327	(NA)	244	262	(NA)	37	43	(NA)	12	13	(NA)	80	86	(NA)
40	Nondurable goods	8,499	8,822	8,955	7,562	7,725	7,435	2,182	2,284	2,361	299	310	317	481	524	536
41	Food and kindred products	2,262	2,289	(NA)	2,091	2,163	(NA)	1,320	1,399	(NA)	167	172	(NA)	278	318	(NA)
42	Tobacco products	0	0	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	(L)	(L)	(NA)	(L)	(L)	(NA)
43	Textile mill products	43	44	(NA)	(D)	(D)	(NA)	10	11	(NA)	(D)	(D)	(NA)	(D)	(L)	(NA)
44	Apparel and other textile products	110	121	(NA)	338	292	(NA)	29	26	(NA)	6	7	(NA)	22	20	(NA)
45	Paper and allied products	1,984	2,077	(NA)	557	574	(NA)	73	80	(NA)	(D)	(D)	(NA)	29	31	(NA)
46	Printing and publishing	2,384	2,480	(NA)	1,667	1,693	(NA)	328	337	(NA)	70	72	(NA)	87	90	(NA)
47	Chemicals and allied products	725	757	(NA)	1,968	2,021	(NA)	165	172	(NA)	(D)	7	(NA)	11	11	(NA)
48	Petroleum and coal products	156	160	(NA)	101	130	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	(D)	0	(NA)
49	Rubber and miscellaneous plastics products	758	818	(NA)	709	730	(NA)	244	252	(NA)	23	25	(NA)	52	52	(NA)
50	Leather and leather products	77	76	(NA)	116	101	(NA)	11	6	(NA)	(D)	(D)	(NA)	1	1	(NA)
51	Transportation and public utilities	6,939	7,406	7,627	8,920	9,302	9,375	3,321	3,449	3,501	867	905	953	800	821	863
52	Railroad transportation	(D)	(D)	(NA)	514	511	(NA)	(D)	(D)	(NA)	109	107	(NA)	44	43	(NA)
53	Trucking and warehousing	1,602	1,606	(NA)	2,414	2,426	(NA)	1,132	1,188	(NA)	260	253	(NA)	321	321	(NA)
54	Water transportation	43	47	(NA)	76	78	(NA)	(D)	(D)	(NA)	(L)	(L)	(NA)	(D)	(D)	(NA)
55	Other transportation	(D)	(D)	(NA)	1,738	1,812	(NA)	311	334	(NA)	106	122	(NA)	(D)	(D)	(NA)
56	Communications	1,367	1,550	(NA)	2,937	3,192	(NA)	485	507	(NA)	143	157	(NA)	203	212	(NA)
57	Electric, gas, and sanitary services	1,015	1,062	(NA)	1,241	1,282	(NA)	624	650	(NA)	249	266	(NA)	130	137	(NA)
58	Wholesale trade	8,337	9,007	9,185	7,006	7,351	7,337	2,095	2,209	2,170	817	835	845	737	765	851
59	Retail trade	9,965	10,534	11,045	9,637	10,112	10,506	2,775	2,923	3,010	989	1,044	1,092	1,273	1,348	1,385
60	Finance, insurance, and real estate	9,847	10,820	11,830	9,063	9,412	9,740	2,558	2,708	2,809	649	690	721	925	1,000	1,096
61	Depository and nondepository institutions	2,395	2,451	(NA)	2,566	2,488	(NA)	693	737	(NA)	243	251	(NA)	507	556	(NA)
62	Other finance, insurance, and real estate	7,453	8,368	(NA)	6,497	6,924	(NA)	1,865	1,970	(NA)	407	439	(NA)	418	444	(NA)
63	Services	29,602	32,403	33,386	27,984	30,470	31,763	8,377	9,107	9,535	2,734	2,921	2,995	3,172	3,381	3,421
64	Hotels and other lodging places	656	716	(NA)	717	751	(NA)	146	155	(NA)	84	88	(NA)	119	130	(NA)
65	Personal services	973	1,001	(NA)	937	949	(NA)	269	272	(NA)	103	103	(NA)	109	109	(NA)
66	Private households	125	133	(NA)	168	178	(NA)	52	55	(NA)	(D)	(D)	(NA)	19	20	(NA)
67	Business services	7,692	8,546	(NA)	5,654	6,337	(NA)	2,327	2,612	(NA)	402	454	(NA)	440	479	(NA)
68	Auto repair, services, and parking	953	1,027	(NA)	1,148	1,223	(NA)	297	316	(NA)	124	130	(NA)	135	143	(NA)
69	Miscellaneous repair services	284	328	(NA)	331	376	(NA)	100	116	(NA)	46	53	(NA)	49	57	(NA)
70	Amusement and recreation services	1,040	1,136	(NA)	1,388	1,442	(NA)	175	178	(NA)	72	78	(NA)	143	146	(NA)
71	Motion pictures	178	172	(NA)	151	157	(NA)	24	25	(NA)	10	11	(NA)	11	11	(NA)
72	Health services	8,821	9,589	(NA)	8,953	9,418	(NA)	2,703	2,879	(NA)	1,211	1,279	(NA)	1,352		

and Earnings by Industry, 1999-2001—Continued
of dollars]

Southeast			Alabama			Arkansas			Florida			Georgia			Kentucky			Louisiana			Line
1999'	2000'	2001'	1999'	2000'	2001'	1999'	2000'	2001'	1999'	2000'	2001'	1999'	2000'	2001'	1999'	2000'	2001'	1999'	2000'	2001'	
1,719,649	1,841,660	1,915,549	100,532	105,796	109,773	56,004	59,205	61,613	424,726	454,106	474,626	213,792	232,179	240,896	91,093	98,125	101,326	99,047	103,824	109,560	1
68,569	69,494	70,305	4,430	4,451	4,464	2,652	2,678	2,692	15,759	16,054	16,397	8,046	8,230	8,384	4,018	4,047	4,066	4,461	4,470	4,465	2
25,079	26,501	27,246	22,693	23,766	24,589	21,119	22,108	22,887	26,951	28,286	28,947	26,571	28,212	28,733	22,671	24,244	24,923	22,204	23,227	24,535	3
1,200,067	1,278,005	1,319,614	70,020	72,249	74,541	38,933	40,577	41,724	264,502	284,175	296,595	165,063	177,883	183,261	64,661	68,851	70,499	68,976	71,549	74,520	4
72,947	76,637	80,265	4,445	4,547	4,735	2,503	2,591	2,718	16,385	17,440	18,526	9,504	10,110	10,515	3,971	4,123	4,304	3,772	3,848	4,064	5
9,661	9,664	10,088	828	906	905	-292	-295	-304	957	1,028	1,027	-396	-480	-483	-878	-954	-1,057	-105	-87	-123	6
1,136,781	1,211,032	1,249,437	66,404	68,609	70,711	36,138	37,691	38,702	249,074	267,763	279,096	155,163	167,293	172,263	59,812	63,774	65,138	65,099	67,614	70,333	7
334,325	367,422	376,867	17,535	19,615	20,098	9,964	11,104	11,437	111,789	118,852	122,125	34,976	39,519	40,708	15,747	17,767	18,306	16,544	18,364	18,772	8
248,543	263,206	289,244	16,593	17,573	18,964	9,902	10,410	11,473	63,862	67,491	73,404	23,653	25,366	27,924	15,535	16,583	17,883	17,404	17,846	20,455	9
952,651	1,018,366	1,050,295	55,597	57,663	59,028	29,925	31,513	32,524	210,164	228,629	239,379	130,104	140,795	144,367	51,538	54,348	55,860	53,676	55,631	58,069	10
117,205	123,917	130,092	6,738	7,024	7,389	3,570	3,787	4,003	25,514	26,791	27,943	15,410	16,517	17,431	6,715	7,150	7,509	7,016	7,221	7,647	11
130,212	135,721	139,227	7,685	7,562	8,124	5,438	5,278	5,197	28,824	28,755	29,274	19,549	20,571	21,463	6,408	7,353	7,131	8,284	8,697	8,804	12
10,018	8,626	8,529	1,173	732	1,111	1,441	1,018	813	2,152	875	641	1,834	1,335	1,568	519	1,177	748	338	237	132	13
120,194	127,095	130,698	6,513	6,831	7,013	3,997	4,260	4,384	26,672	27,880	28,632	17,715	19,236	19,895	5,889	6,175	6,383	7,947	8,460	8,672	14
13,065	11,556	12,202	1,295	858	1,279	1,701	1,267	1,092	3,007	1,762	1,824	2,088	1,598	1,917	730	1,362	973	522	412	330	15
1,187,003	1,266,449	1,307,412	68,725	71,391	73,262	37,232	39,310	40,632	261,495	282,413	294,772	162,976	176,285	181,344	63,930	67,489	69,526	68,454	71,137	74,190	16
970,809	1,037,733	1,068,240	54,965	57,064	58,442	30,762	32,500	33,460	217,821	236,520	247,195	137,241	148,970	152,394	52,160	55,037	56,301	55,225	57,397	59,721	17
8,544	9,177	9,834	477	483	505	340	364	401	2,650	2,880	3,047	962	1,058	1,163	463	502	522	461	476	503	18
7,684	8,317	(NA)	376	390	(NA)	302	319	(NA)	2,499	2,718	(NA)	853	950	457	497	(NA)	320	334	(NA)	19	
860	860	(NA)	101	93	(NA)	38	45	(NA)	151	162	(NA)	109	108	6	5	(NA)	142	142	(NA)	20	
9,362	9,479	10,212	655	638	648	202	224	252	396	570	432	431	435	416	1,351	1,198	1,335	3,101	3,301	3,750	21
(D)	107	(NA)	4	5	(NA)	(D)	(D)	(NA)	(D)	24	(NA)	(D)	(D)	(NA)	(L)	(L)	(NA)	32	23	(NA)	22
3,223	(D)	(D)	331	289	(NA)	(D)	(D)	(NA)	(D)	28	(NA)	(D)	(D)	(NA)	1,097	916	(NA)	32	24	(NA)	23
(D)	4,715	(NA)	148	152	(NA)	123	145	(NA)	62	224	(NA)	13	16	(NA)	125	147	(NA)	2,942	3,148	(NA)	24
1,793	(D)	(NA)	172	193	(NA)	64	68	(NA)	280	295	(NA)	400	401	(NA)	129	135	(NA)	95	105	(NA)	25
76,098	81,721	84,917	4,500	4,716	4,878	2,209	2,417	2,521	15,801	17,548	18,803	9,816	10,614	11,056	3,923	4,196	4,330	5,288	5,451	5,388	26
181,666	188,533	182,959	13,680	13,836	13,441	8,142	8,446	8,258	20,491	21,342	24,333	25,445	24,364	13,366	13,936	13,637	8,950	9,048	9,190	27	
99,147	104,292	100,268	7,849	7,957	7,636	4,532	4,741	4,488	12,927	13,824	13,955	11,279	11,925	11,285	8,566	9,033	8,814	3,706	3,696	3,767	28
10,212	10,415	(NA)	1,244	1,234	(NA)	709	718	(NA)	802	851	(NA)	1,688	1,720	(NA)	447	497	(NA)	512	532	(NA)	29
6,390	6,634	(NA)	338	343	(NA)	303	310	(NA)	371	406	(NA)	371	412	(NA)	195	217	(NA)	24	28	(NA)	30
5,973	6,383	(NA)	392	414	(NA)	185	190	(NA)	957	1,017	(NA)	867	927	(NA)	433	458	(NA)	225	245	(NA)	31
7,172	7,647	(NA)	1,231	1,255	(NA)	444	475	(NA)	259	275	(NA)	713	736	(NA)	941	1,012	(NA)	127	132	(NA)	32
10,703	11,192	(NA)	886	890	(NA)	775	829	(NA)	1,208	1,332	(NA)	906	914	(NA)	995	1,102	(NA)	535	552	(NA)	33
16,719	17,316	(NA)	1,141	1,106	(NA)	600	629	(NA)	1,628	1,756	(NA)	1,611	1,702	(NA)	1,588	1,593	(NA)	715	730	(NA)	34
15,263	16,818	(NA)	823	872	(NA)	635	651	(NA)	3,168	3,566	(NA)	1,688	2,006	(NA)	1,119	1,114	(NA)	249	240	(NA)	35
(D)	(D)	(NA)	817	804	(NA)	314	331	(NA)	295	305	(NA)	1,062	1,167	(NA)	2,375	2,553	(NA)	(D)	(D)	(NA)	36
(D)	(D)	(NA)	676	735	(NA)	289	322	(NA)	2,212	2,223	(NA)	1,634	1,542	(NA)	181	186	(NA)	(D)	(D)	(NA)	37
4,900	5,304	(NA)	138	142	(NA)	171	175	(NA)	1,670	1,722	(NA)	473	493	(NA)	158	157	(NA)	82	82	(NA)	38
2,224	2,362	(NA)	161	161	(NA)	107	111	(NA)	357	372	(NA)	266	305	(NA)	136	143	(NA)	85	93	(NA)	39
82,519	84,241	82,691	5,831	5,879	5,805	3,704	3,770	3,756	7,768	7,747	13,053	13,520	13,079	4,800	4,903	4,822	5,244	5,352	5,423	40	
14,049	14,678	(NA)	971	996	(NA)	1,498	1,513	(NA)	1,598	1,709	(NA)	2,787	3,091	(NA)	966	1,017	(NA)	631	642	(NA)	41
2,230	2,368	(NA)	19	(D)	(NA)	(L)	(L)	(NA)	85	99	(NA)	(D)	(D)	(NA)	233	182	(NA)	(D)	(D)	(NA)	42
13,085	12,922	(NA)	1,048	1,062	(NA)	124	120	(NA)	102	100	(NA)	3,310	3,391	(NA)	113	116	(NA)	75	62	(NA)	43
5,034	4,614	(NA)	615	560	(NA)	100	88	(NA)	491	459	(NA)	586	561	(NA)	493	460	(NA)	111	108	(NA)	44
9,668	9,726	(NA)	1,134	1,120	(NA)	675	693	(NA)	632	637	(NA)	1,681	1,612	(NA)	529	549	(NA)	619	631	(NA)	45
11,856	12,118	(NA)	533	554	(NA)	354	388	(NA)	2,535	2,625	(NA)	2,034	2,056	(NA)	759	800	(NA)	297	314	(NA)	46
16,028	16,567	(NA)	786	793	(NA)	285	293	(NA)	1,296	1,327	(NA)	1,376	1,482	(NA)	879	950	(NA)	2,541	2,660	(NA)	47
1,516	1,494	(NA)	70	74	(NA)	40	40	(NA)	97	125	(NA)	53	52	(NA)	152	107	(NA)	789	749	(NA)	48
8,945	9,468	(NA)	654	702	(NA)	488	520	(NA)	677	640	(NA)	974	1,037	(NA)	651	706	(NA)	180	184	(NA)	49
308	286	(D)	2	(D)	(NA)	47	48	(NA)	50	47	(D)	(D)	(D)	(NA)	26	17	(NA)	(D)	(D)	(NA)	50
87,600	93,978	96,663	4,533	4,756	4,899	3,303	3,431	3,648	16,983	18,285	19,044	16,987	18,769	19,322	5,004	5,337	5,494	5,289	5,606	5,960	51
3,226	3,218	(NA)	226	224	(NA)	246	249	(NA)	513	508	(NA)	(D)	(D)	(NA)	271	(D)	(NA)	226	231	(NA)	52
21,268	21,764	(NA)	1,531	1,514	(NA)	1,435	1,452	(NA)	3,069	3,075	(NA)	2,751	2,922	(NA)	1,331	1,322	(NA)	1,063	1,087	(NA)	53
2,915	3,197	(NA)	74	82	(NA)																

Table 3. Personal Income by Major Source
[Millions]

Line	Item	Mississippi			North Carolina			South Carolina			Tennessee			Virginia		
		1999'	2000'	2001'	1999'	2000'	2001'	1999'	2000'	2001'	1999'	2000'	2001'	1999'	2000'	2001'
Income by place of residence																
1	Personal income (lines 4-9).....	56,920	59,881	62,163	202,744	218,537	225,234	91,249	97,659	101,110	141,117	150,344	154,911	204,937	222,498	233,107
2	Population (thousands) ²	2,828	2,849	2,858	7,949	8,077	8,186	3,975	4,023	4,063	5,639	5,702	5,740	7,000	7,104	7,188
3	Per capita personal income (dollars) ³	20,124	21,017	21,750	25,504	27,055	27,514	22,958	24,273	24,886	25,026	26,367	26,988	29,276	31,320	32,431
Derivation of personal income																
4	Earnings by place of work (lines 10-14 or 15-85)	38,424	39,426	40,192	148,027	158,313	161,385	64,193	67,742	69,265	105,017	110,659	112,761	148,651	161,931	169,249
5	Less: Personal contributions for social insurance ⁴	2,420	2,468	2,537	9,183	9,663	9,981	3,915	4,065	4,206	6,374	6,603	6,826	8,937	9,602	10,189
6	Plus: Adjustment for residence ⁵	1,261	1,420	1,487	-931	-990	-979	1,126	1,237	1,244	-1,017	-1,150	-1,109	8,684	8,652	9,093
7	Equals: Net earnings by place of residence.....	37,266	38,377	39,141	137,913	147,660	150,425	61,404	64,914	66,302	97,627	102,906	104,827	148,399	160,982	168,153
8	Plus: Dividends, interest, and rent ⁶	9,011	10,143	10,375	37,600	41,967	42,623	16,007	18,123	18,604	21,941	24,169	24,735	36,823	40,747	41,810
9	Plus: Transfer payments.....	10,644	11,361	12,647	27,232	28,910	32,185	13,838	14,623	16,204	21,549	23,270	25,349	19,715	20,770	23,144
Earnings by place of work																
Components of earnings:																
10	Wage and salary disbursements.....	29,827	30,789	31,005	119,435	127,570	129,670	51,960	54,788	55,779	81,140	85,347	86,643	120,665	131,900	137,840
11	Other labor income.....	3,977	4,139	4,304	13,919	14,824	15,470	6,261	6,674	6,989	9,041	9,495	9,921	16,551	17,666	18,716
12	Proprietors' income ⁷	4,619	4,498	4,882	14,674	15,918	16,245	5,971	6,280	6,496	14,836	15,818	16,198	11,436	12,365	12,692
13	Farm.....	680	382	661	1,610	2,096	2,092	291	334	406	-122	138	121	140	315	249
14	Nonfarm.....	3,939	4,116	4,221	13,064	13,822	14,153	5,680	5,946	6,090	14,959	15,679	16,077	11,296	12,050	12,444
Earnings by industry																
15	Farm.....	865	559	860	2,093	2,517	2,607	406	453	564	38	278	292	331	482	452
16	Nonfarm.....	37,559	38,866	39,332	145,934	155,797	158,778	63,787	67,289	68,701	104,980	110,381	112,469	148,320	161,449	168,797
17	Private.....	29,319	30,144	30,234	119,901	128,022	129,578	51,040	53,599	54,620	90,834	95,424	96,803	113,065	123,851	129,504
18	Agricultural services, forestry, fishing, and other ⁸	334	327	359	998	1,076	1,167	424	448	478	530	561	602	799	889	970
19	(NA) Agricultural services.....	252	250	(NA)	915	996	(NA)	357	381	(NA)	500	536	(NA)	750	839	(NA)
20	(NA) Forestry, fishing, and other ⁸	82	78	(NA)	82	80	(NA)	67	67	(NA)	30	25	(NA)	48	50	(NA)
21	Mining.....	314	289	354	234	235	246	88	85	76	290	264	272	860	873	899
22	(L) Metal mining.....	(L)	(L)	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	30	(D)	(NA)	5	(D)	(NA)
23	(D) Coal mining.....	16	(D)	(NA)	23	14	(NA)	4	3	(NA)	79	54	(NA)	402	365	(NA)
24	(D) Oil and gas extraction.....	274	252	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	25	(D)	(NA)	296	(D)	(NA)
25	(D) Nonmetallic minerals, except fuels.....	25	(D)	(NA)	200	212	(NA)	71	70	(NA)	156	149	(NA)	157	168	(NA)
26	Construction.....	2,390	2,460	2,410	10,319	10,917	11,209	4,589	4,803	4,888	6,953	7,296	7,295	8,957	9,866	10,558
27	Manufacturing.....	7,651	7,594	7,174	31,536	33,142	31,268	13,391	13,974	13,592	20,594	21,239	20,293	16,174	16,756	16,948
28	Durable goods.....	4,925	4,906	4,552	16,469	17,766	16,584	6,104	6,572	6,465	12,428	12,911	12,013	8,523	9,003	9,184
29	Lumber and wood products.....	812	795	(NA)	1,385	1,367	(NA)	475	488	(NA)	884	919	(NA)	950	959	(NA)
30	Furniture and fixtures.....	848	861	(NA)	2,342	2,427	(NA)	139	143	(NA)	833	855	(NA)	605	609	(NA)
31	Stone, clay, and glass products.....	211	222	(NA)	872	940	(NA)	406	449	(NA)	744	782	(NA)	473	520	(NA)
32	Primary metal industries.....	174	176	(NA)	813	900	(NA)	456	510	(NA)	885	865	(NA)	575	690	(NA)
33	Fabricated metal products.....	444	456	(NA)	1,349	1,451	(NA)	758	769	(NA)	1,860	1,921	(NA)	740	731	(NA)
34	Industrial machinery and equipment.....	656	664	(NA)	3,884	4,093	(NA)	1,585	1,592	(NA)	1,955	2,092	(NA)	1,158	1,173	(NA)
35	Electronic and other electric equipment.....	705	725	(NA)	2,936	3,332	(NA)	900	1,032	(NA)	1,680	1,805	(NA)	1,294	1,407	(NA)
36	Motor vehicles and equipment.....	193	160	(NA)	1,421	1,476	(NA)	828	961	(NA)	2,326	2,379	(NA)	769	777	(NA)
37	Other transportation equipment.....	730	678	(NA)	268	300	(NA)	218	241	(NA)	424	420	(NA)	1,244	1,410	(NA)
38	Instruments and related products.....	46	55	(NA)	931	1,197	(NA)	185	219	(NA)	440	462	(NA)	555	550	(NA)
39	Miscellaneous manufacturing industries.....	106	113	(NA)	269	283	(NA)	154	166	(NA)	396	412	(NA)	160	178	(NA)
40	Non-durable goods.....	2,726	2,689	2,622	15,066	15,376	14,684	7,287	7,402	7,126	8,166	8,327	8,280	7,650	7,753	7,764
41	Food and kindred products.....	654	653	(NA)	1,612	1,648	(NA)	500	507	(NA)	1,418	1,496	(NA)	1,285	1,278	(NA)
42	(L) Tobacco products.....	(L)	(L)	(NA)	982	1,130	(NA)	(D)	(D)	(NA)	63	65	(NA)	599	639	(NA)
43	Textile mill products.....	131	123	(NA)	4,588	4,386	(NA)	2,271	2,294	(NA)	500	496	(NA)	800	752	(NA)
44	Apparel and other textile products.....	330	301	(NA)	959	913	(NA)	419	375	(NA)	618	551	(NA)	293	220	(NA)
45	Paper and allied products.....	450	430	(NA)	1,064	1,130	(NA)	922	939	(NA)	1,036	1,075	(NA)	885	865	(NA)
46	Printing and publishing.....	239	245	(NA)	1,211	1,271	(NA)	517	532	(NA)	1,399	1,423	(NA)	1,614	1,731	(NA)
47	Chemicals and allied products.....	372	390	(NA)	2,992	3,140	(NA)	1,577	1,553	(NA)	1,717	1,721	(NA)	1,217	1,246	(NA)
48	Petroleum and coal products.....	143	142	(NA)	37	51	(NA)	14	14	(NA)	56	71	(NA)	36	33	(NA)
49	Rubber and miscellaneous plastics products.....	405	403	(NA)	1,541	1,638	(NA)	1,064	1,186	(NA)	1,290	1,361	(NA)	914	978	(NA)
50	Leather and leather products.....	2	2	(NA)	81	70	(NA)	(D)	(D)	(NA)	69	68	(NA)	8	10	(NA)
51	Transportation and public utilities.....	2,396	2,560	2,615	8,637	9,115	9,356	4,114	4,434	4,596	8,111	8,576	8,691	10,461	11,311	11,189
52	(D) Railroad transportation.....	(D)	(D)	(NA)	163	162	(NA)	113	(D)	(NA)	(D)	(D)	(NA)	437	435	(NA)
53	(D) Trucking and warehousing.....	914	933	(NA)	2,667	2,725	(NA)	1,101	1,167	(NA)	3,194	3,316	(NA)	1,743	1,781	(NA)
54	(D) Water transportation.....	61	59	(NA)	44	47	(NA)	93	106	(NA)	96	103	(NA)	291	312	(NA)
55	(D) Other transportation.....	(D)	(D)	(NA)	2,043	2,210	(NA)	605	(D)	(NA)	(D)	(D)	(NA)	2,139	2,331	(NA)
56	(D) Communications.....	524	641	(NA)	2,135	2,294	(NA)	718	841	(NA)	1,296	1,446	(NA)	4,450	4,960	(NA)
57	Electric, gas, and sanitary services.....	498	517	(NA)	1,585	1,678	(NA)	1,483	1,553	(NA)	496	485	(NA)	1,400	1,492	(NA)
58	Wholesale trade.....	1,802	1,831	1,793	8,863	9,375	9,220	3,285	3,507	3,400	6,852	7,022	6,838	7,796	8,675	8,286
59	Retail trade.....	3,783	3,897	3,978	13,768	14,657	15,159	6,804	7,042	7,187	10,870	11,427	11,878	12,225	13,025	13,502
60	Finance, insurance, and real estate.....	1,782	1,864	1,905	10,812	11,697	12,177	4,011	4,139	4,350	7,453	7,908	8,262	10,734	11,542	12,683
61	Depository and nondepository institutions.....	709	726	(NA)	4,088	4,365	(NA)	1,145	1,177	(NA)	2,303	2,430	(NA)	3,740	4,098	(NA)
62	Other finance, insurance, and real estate.....	1,073	1,138	(NA)	6,724	7,332	(NA)	2,867	2,962	(NA)	5,150	5,478	(NA)	6,994	7,444	(NA)
63	Services.....	8,867	9,322	9,648	34,735	37,808	39,776	14,335	15,167	16,052	29,182	31,131	32,873	45,060	50,914	54,470
64	Hotels and other lodging places.....	773	896	(NA)	757	804	(NA)	578	612	(NA)	1,040	967	(NA)	1,015	1,103	(NA)
65	Personal services.....	315	315	(NA)	1,229	1,234	(NA)	557	562	(NA)	1,130	1,110	(NA)	1,224	1,249	(NA)
66	Private households.....	132	140	(NA)	265	284	(NA)	156	167	(NA)	191	204	(NA)	373	399	(NA)
67	Business services.....	1,063	1,095	(NA)	8,664	9,718	(NA)	3,093	3,325	(NA)	6,190	6,782	(NA)	15,583	18,547	(NA)
68	Auto repair, services, and parking.....	345	365	(NA)	1,104	1,201	(NA)	550	593	(NA)	866	913	(NA)	1,070	1,179	(NA)
69	Miscellaneous repair services.....															

and Earnings by Industry,¹ 1999–2001—Continued
of dollars]

West Virginia			Southwest			Arizona			New Mexico			Oklahoma			Texas			Rocky Mountain			Line
1999'	2000'	2001'	1999'	2000'	2001'	1999'	2000'	2001'	1999'	2000'	2001'	1999'	2000'	2001'	1999'	2000'	2001'	1999'	2000'	2001'	
37,488	39,506	41,230	774,892	841,016	875,906	120,257	130,982	137,314	37,772	39,772	42,354	77,474	83,035	86,750	539,390	587,228	609,489	238,279	261,082	271,486	1
1,812	1,807	1,802	30,827	31,386	31,922	5,024	5,165	5,307	1,808	1,821	1,829	3,437	3,453	3,460	20,558	20,947	21,325	9,094	9,261	9,407	2
20,691	21,861	22,881	25,137	26,796	27,439	23,937	25,358	25,872	20,891	21,837	23,155	22,540	24,046	25,071	26,237	28,035	28,581	26,200	28,190	28,859	3
23,599	24,649	25,621	587,852	637,241	661,351	85,535	93,517	97,060	26,207	27,624	29,411	54,095	57,600	59,918	422,015	458,501	474,963	179,430	196,540	203,403	4
1,539	1,577	1,664	33,625	35,992	37,932	5,253	5,678	5,969	1,537	1,615	1,730	3,192	3,337	3,542	23,643	25,362	26,692	10,112	10,968	11,465	5
422	378	388	419	403	393	412	438	460	104	117	111	876	904	919	-973	-1,055	-1,097	486	565	582	6
22,483	23,450	24,345	554,646	601,652	623,812	80,694	88,277	91,551	24,774	26,125	27,792	51,779	55,166	57,295	397,399	432,084	447,174	169,804	186,137	192,521	7
6,389	7,053	7,274	124,868	139,064	141,506	23,450	25,927	26,771	7,082	7,365	7,596	13,715	15,246	15,586	80,621	90,526	91,553	43,996	48,942	50,528	8
8,616	9,002	9,612	95,378	100,301	110,588	16,114	16,778	18,991	5,916	6,281	6,966	11,980	12,623	13,869	61,369	64,619	70,763	24,480	26,002	28,438	9
18,619	19,395	20,132	442,033	481,856	500,653	69,052	76,123	78,736	20,394	21,781	23,044	39,371	41,913	43,749	313,216	342,039	355,124	137,518	152,040	156,803	10
2,493	2,629	2,769	49,757	53,843	57,275	7,055	7,742	8,349	2,799	2,935	3,186	5,378	5,794	6,166	34,525	37,372	39,574	16,345	18,066	19,026	11
2,487	2,625	2,720	96,063	101,542	103,424	9,429	9,651	9,975	3,013	2,908	3,182	9,346	9,893	10,002	74,275	79,090	80,265	25,567	26,434	27,575	12
-36	-13	-14	5,346	3,140	3,140	498	237	363	547	300	493	801	574	488	3,500	2,028	1,796	1,803	760	1,254	13
2,523	2,638	2,734	90,717	98,403	100,283	8,930	9,414	9,612	2,466	2,608	2,688	8,546	9,319	9,514	70,774	77,062	78,469	23,765	25,675	26,321	14
-11	8	12	6,876	4,637	4,823	808	573	712	715	484	683	1,000	759	704	4,354	2,821	2,724	2,765	1,812	2,347	15
23,610	24,641	25,609	580,976	632,605	656,529	84,728	92,944	96,348	25,492	27,140	28,728	53,095	56,840	59,214	417,662	455,680	472,239	176,665	194,728	201,056	16
18,476	19,205	19,988	488,633	533,899	551,270	71,482	78,804	80,360	18,365	19,638	20,434	42,094	45,040	46,522	356,692	390,416	403,954	146,400	162,391	166,583	17
107	114	118	3,782	4,027	4,305	806	859	919	185	198	209	284	303	327	2,488	2,666	2,850	1,328	1,483	1,639	18
103	108	(NA)	3,585	3,845	(NA)	799	852	(NA)	182	195	(NA)	278	298	(NA)	2,326	2,499	(NA)	1,271	1,423	(NA)	19
4	6	(NA)	177	182	(NA)	7	8	(NA)	3	3	(NA)	5	5	(NA)	162	166	(NA)	57	60	(NA)	20
1,440	1,368	1,532	23,086	25,731	26,549	680	566	554	765	860	937	2,839	3,163	3,257	18,802	21,142	21,801	3,630	3,970	4,375	21
3	2	(NA)	(D)	(D)	(NA)	530	401	(NA)	78	81	(NA)	81	(D)	(D)	6	16	(NA)	569	511	(NA)	22
1,164	1,064	(NA)	472	420	(NA)	(D)	(D)	(D)	126	116	(NA)	481	590	(NA)	242	215	(NA)	(D)	(D)	(NA)	23
230	255	(NA)	(D)	(D)	(NA)	(D)	(D)	(D)	481	590	(NA)	2,729	3,059	(NA)	18,138	20,445	(NA)	555	610	(NA)	24
44	47	(NA)	618	693	(NA)	56	71	(NA)	71	73	(NA)	70	73	(NA)	413	466	(NA)	555	610	(NA)	25
1,351	1,438	1,582	38,514	42,196	44,591	6,624	7,257	7,651	1,666	1,826	1,975	2,735	2,920	3,251	27,489	30,193	31,713	14,272	15,854	16,805	26
3,360	3,525	3,452	76,622	82,861	81,722	10,683	11,949	11,474	1,773	1,966	1,949	8,411	9,004	8,668	55,754	59,942	59,631	20,078	22,148	21,241	27
1,839	1,958	1,884	49,460	54,387	52,697	8,825	9,882	9,561	1,310	1,470	1,440	4,835	5,246	4,841	34,491	37,789	36,855	13,881	15,586	14,624	28
305	334	(NA)	2,321	2,443	(NA)	328	333	(NA)	63	63	(NA)	133	150	(NA)	1,797	1,897	(NA)	1,566	1,704	(NA)	29
21	24	(NA)	916	975	(NA)	171	178	(NA)	18	21	(NA)	84	84	(NA)	642	693	(NA)	420	458	(NA)	30
208	218	(NA)	2,757	2,973	(NA)	390	413	(NA)	89	97	(NA)	361	376	(NA)	1,917	2,087	(NA)	862	937	(NA)	31
553	620	(NA)	1,900	2,043	(NA)	273	282	(NA)	63	50	(NA)	177	188	(NA)	1,388	1,523	(NA)	499	533	(NA)	32
249	245	(NA)	5,723	6,123	(NA)	562	601	(NA)	66	71	(NA)	861	884	(NA)	4,234	4,568	(NA)	1,094	1,178	(NA)	33
198	187	(NA)	10,522	11,499	(NA)	704	797	(NA)	70	89	(NA)	1,305	1,530	(NA)	8,444	9,083	(NA)	3,227	3,553	(NA)	34
67	68	(NA)	12,921	15,657	(NA)	3,104	3,817	(NA)	549	671	(NA)	550	580	(NA)	8,718	10,588	(NA)	2,339	3,118	(NA)	35
50	67	(NA)	1,852	1,917	(NA)	261	257	(NA)	54	50	(NA)	605	635	(NA)	932	975	(NA)	483	527	(NA)	36
111	118	(NA)	6,071	6,301	(NA)	2,030	2,193	(NA)	80	78	(NA)	479	530	(NA)	3,482	3,500	(NA)	1,235	1,232	(NA)	37
51	51	(NA)	3,235	3,076	(NA)	812	799	(NA)	180	201	(NA)	161	156	(NA)	2,082	1,919	(NA)	1,640	1,800	(NA)	38
26	25	(NA)	1,241	1,382	(NA)	190	212	(NA)	78	79	(NA)	119	134	(NA)	854	956	(NA)	516	546	(NA)	39
1,521	1,567	1,568	27,162	28,474	29,025	1,858	2,067	1,913	463	497	510	3,577	3,758	3,826	21,263	22,153	22,776	6,197	6,562	6,618	40
129	129	(NA)	4,541	4,775	(NA)	327	354	(NA)	122	135	(NA)	610	638	(NA)	3,483	3,647	(NA)	2,070	2,144	(NA)	41
(D)	(D)	(NA)	6	8	(NA)	(D)	(L)	(NA)	(L)	(L)	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	(L)	(L)	(NA)	42
22	21	(NA)	(D)	(D)	(NA)	31	35	(NA)	7	6	(NA)	16	18	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	43
19	18	(NA)	1,305	1,241	(NA)	60	59	(NA)	12	12	(NA)	112	109	(NA)	1,121	1,062	(NA)	167	162	(NA)	44
41	45	(NA)	1,659	1,701	(NA)	105	108	(NA)	27	29	(NA)	205	202	(NA)	1,323	1,362	(NA)	427	454	(NA)	45
164	178	(NA)	4,318	4,692	(NA)	703	869	(NA)	176	185	(NA)	362	371	(NA)	3,078	3,266	(NA)	1,827	1,995	(NA)	46
993	1,014	(NA)	9,746	10,304	(NA)	332	351	(NA)	39	42	(NA)	1,423	1,563	(NA)	7,952	8,348	(NA)	908	974	(NA)	47
31	35	(NA)	2,344	(NA)	(NA)	(D)	11	(NA)	44	46	(NA)	270	261	(NA)	2,005	2,027	(NA)	(D)	(D)	(NA)	48
106	114	(NA)	2,881	3,014	(NA)	282	269	(NA)	35	39	(NA)	568	585	(NA)	1,996	2,121	(NA)	477	502	(NA)	49
(D)	(D)	(NA)	(D)	(D)	(NA)	12	11	(NA)	2	2	(NA)	(D)	(D)	(NA)	178	179	(NA)	63	61	(NA)	50
1,781	1,798	1,849	49,334	55,690	56,924	4,904	5,366	5,565	1,567	1,668	1,740	4,200	4,487	4,774	38,664	44,169	44,846	16,544	18,032	17,799	51
(D)	(D)	(NA)	1,580	(D)	(NA)	(D)	181	(NA)	128	(D)	(NA)	(D)	108	(NA)	1,160	1,153	(NA)	852	850	(NA)	52
469	469	(NA)	8,622	8,904	(NA)	960	1,039	(NA)	320	335	(NA)	993	991	(NA)	6,349	6,540	(NA)	2,740	2,813	(NA)	53
42	48	(NA)	(D)	(D)	(NA)	8	10	(NA)	1	(D)	(NA)	(D)	9	(NA)	697	815	(NA)	(D)	16	(NA)	54
(D)	(D)	(NA)	(

Table 3. Personal Income by Major Source
[Millions]

Line	Item	Colorado			Idaho			Montana			Utah			Wyoming		
		1999 ^r	2000 ^r	2001 ^r	1999 ^r	2000 ^r	2001 ^r	1999 ^r	2000 ^r	2001 ^r	1999 ^r	2000 ^r	2001 ^r	1999 ^r	2000 ^r	2001 ^r
Income by place of residence																
1	Personal income (lines 4-9).....	128,192	142,752	147,860	28,931	31,314	32,525	19,380	20,678	21,673	48,923	52,622	54,884	12,855	13,717	14,544
2	Population (thousands) ²	4,226	4,323	4,418	1,276	1,299	1,321	898	903	904	2,203	2,242	2,270	492	494	494
3	Per capita personal income (dollars) ³	30,334	33,018	33,470	22,679	24,101	24,621	21,593	22,895	23,963	22,202	23,476	24,180	26,139	27,767	29,416
Derivation of personal income																
4	Earnings by place of work (lines 10-14 or 15-85)	99,505	111,219	114,682	20,580	22,197	22,779	12,806	13,403	14,068	38,071	40,706	42,229	8,469	9,015	9,645
5	Less: Personal contributions for social insurance ⁴	5,416	5,993	6,232	1,182	1,275	1,320	832	868	926	2,170	2,293	2,406	513	538	582
6	Plus: Adjustment for residence ⁵	112	95	107	374	476	485	-1	4	1	24	22	26	-23	-33	-36
7	Equals: Net earnings by place of residence.....	94,201	105,322	108,556	19,772	21,398	21,945	11,972	12,539	13,143	35,925	38,435	39,850	7,933	8,444	9,027
8	Plus: Dividends, interest, and rent ⁶	22,748	25,595	26,350	5,478	5,977	6,197	4,428	4,843	5,004	7,940	8,854	9,189	3,402	3,673	3,788
9	Plus: Transfer payments.....	11,243	11,835	12,954	3,680	3,938	4,383	2,980	3,296	3,526	5,058	5,334	5,845	1,520	1,600	1,729
Earnings by place of work																
Components of earnings:																
10	Wage and salary disbursements.....	76,344	86,056	88,434	15,041	16,568	16,861	9,392	9,985	10,465	30,409	32,659	33,792	6,332	6,771	7,251
11	Other labor income.....	8,817	10,008	10,503	1,800	1,941	1,997	1,251	1,335	1,433	3,710	3,959	4,201	766	823	892
12	Proprietors' income ⁷	14,343	15,156	15,745	3,738	3,688	3,922	2,163	2,083	2,170	3,951	4,087	4,236	1,371	1,421	1,502
13	Farm.....	611	167	333	698	432	588	260	58	90	154	84	188	79	19	55
14	Nonfarm.....	13,732	14,989	15,412	3,040	3,256	3,334	1,903	2,025	2,080	3,797	4,003	4,048	1,292	1,402	1,447
Earnings by industry																
15	Farm.....	940	527	709	1,030	794	963	396	205	243	251	189	297	149	96	134
16	Nonfarm.....	98,565	110,693	113,972	19,550	21,403	21,816	12,410	13,197	13,825	37,820	40,516	41,932	8,320	8,920	9,511
17	Private.....	83,629	94,721	96,973	15,879	17,543	17,701	9,676	10,258	10,661	30,892	33,057	34,006	6,324	6,812	7,242
18	Agricultural services, forestry, fishing, and other ⁸	681	779	885	278	295	315	140	147	153	157	184	203	73	78	83
19	Agricultural services.....	672	769	885	260	278	(NA)	124	131	(NA)	150	177	(NA)	65	68	(NA)
20	Forestry, fishing, and other ⁸	9	10	(NA)	17	17	(NA)	16	16	(NA)	7	8	(NA)	8	10	(NA)
21	Mining.....	1,611	1,655	1,956	172	178	145	298	330	366	427	468	479	1,122	1,340	1,430
22	Metal mining.....	250	147	(NA)	70	66	(NA)	92	126	(NA)	134	150	(NA)	24	22	(NA)
23	Coal mining.....	166	145	(NA)	(D)	(D)	(NA)	73	62	(NA)	133	124	(NA)	309	310	(NA)
24	Oil and gas extraction.....	1,064	1,206	(NA)	(D)	(D)	(NA)	93	104	(NA)	105	133	(NA)	546	751	(NA)
25	Nonmetallic minerals, except fuels.....	130	157	(NA)	86	98	(NA)	40	37	(NA)	56	61	(NA)	243	257	(NA)
26	Construction.....	7,902	9,169	9,752	1,630	1,746	1,902	979	1,008	1,090	3,036	3,162	3,227	725	769	834
27	Manufacturing.....	10,132	11,183	10,882	3,587	4,267	3,659	898	960	954	5,028	5,260	5,263	433	478	483
28	Durable goods.....	6,989	7,801	7,538	2,602	3,249	2,630	576	624	612	3,528	3,714	3,645	186	199	200
29	Lumber and wood products.....	221	242	(NA)	889	980	(NA)	282	299	(NA)	140	149	(NA)	35	34	(NA)
30	Furniture and fixtures.....	212	235	(NA)	44	48	(NA)	15	17	(NA)	146	154	(NA)	3	4	(NA)
31	Stone, clay, and glass products.....	543	605	(NA)	52	53	(NA)	39	40	(NA)	195	206	(NA)	33	33	(NA)
32	Primary metal industries.....	123	128	(NA)	12	14	(NA)	60	63	(NA)	276	299	(NA)	28	29	(NA)
33	Fabricated metal products.....	570	626	(NA)	104	109	(NA)	28	31	(NA)	366	384	(NA)	26	29	(NA)
34	Industrial machinery and equipment.....	1,993	2,235	(NA)	605	670	(NA)	59	80	(NA)	537	533	(NA)	32	35	(NA)
35	Electronic and other electric equipment.....	1,170	1,459	(NA)	741	1,212	(NA)	16	16	(NA)	402	418	(NA)	10	13	(NA)
36	Motor vehicles and equipment.....	119	142	(NA)	47	53	(NA)	8	9	(NA)	305	319	(NA)	3	4	(NA)
37	Other transportation equipment.....	690	656	(NA)	44	47	(NA)	13	9	(NA)	482	514	(NA)	7	8	(NA)
38	Instruments and related products.....	1,197	1,314	(NA)	33	31	(NA)	12	18	(NA)	392	432	(NA)	6	6	(NA)
39	Miscellaneous manufacturing industries.....	152	161	(NA)	31	33	(NA)	42	41	(NA)	287	307	(NA)	4	5	(NA)
40	Nondurable goods.....	3,143	3,383	3,345	984	1,017	1,030	322	336	342	1,500	1,547	1,618	247	280	284
41	Food and kindred products.....	1,026	1,091	(NA)	541	554	(NA)	77	79	(NA)	396	387	(NA)	31	33	(NA)
42	Tobacco products.....	0	0	(NA)	(L)	(L)	(NA)	(L)	(L)	(NA)	0	0	(NA)	0	0	(NA)
43	Textile mill products.....	11	11	(NA)	2	2	(NA)	(D)	(D)	(NA)	10	10	(NA)	(D)	(D)	(NA)
44	Apparel and other textile products.....	92	89	(NA)	7	7	(NA)	8	9	(NA)	58	54	(NA)	3	5	(NA)
45	Paper and allied products.....	146	160	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	104	111	(NA)	(D)	(D)	(NA)
46	Printing and publishing.....	1,176	1,303	(NA)	141	152	(NA)	84	89	(NA)	385	411	(NA)	41	41	(NA)
47	Chemicals and allied products.....	310	319	(NA)	122	123	(NA)	33	33	(NA)	327	362	(NA)	116	137	(NA)
48	Petroleum and coal products.....	48	51	(NA)	(D)	(D)	(NA)	63	66	(NA)	73	71	(NA)	47	53	(NA)
49	Rubber and miscellaneous plastics products.....	281	309	(NA)	37	38	(NA)	11	12	(NA)	143	137	(NA)	5	5	(NA)
50	Leather and leather products.....	54	51	(NA)	3	3	(NA)	1	1	(NA)	3	4	(NA)	1	2	(NA)
51	Transportation and public utilities.....	10,712	11,870	11,430	1,280	1,358	1,452	1,016	1,058	1,089	2,789	2,985	3,063	747	760	764
52	Railroad transportation.....	(D)	(D)	(NA)	(D)	(D)	(NA)	168	(D)	(NA)	137	140	(NA)	(D)	(D)	(NA)
53	Trucking and warehousing.....	1,070	1,113	(NA)	410	416	(NA)	298	291	(NA)	798	827	(NA)	166	166	(NA)
54	Water transportation.....	3	3	(NA)	5	7	(NA)	1	(D)	(NA)	3	(D)	(NA)	(D)	(D)	(NA)
55	Other transportation.....	(D)	(D)	(NA)	(D)	(D)	(NA)	153	184	(NA)	697	(D)	(NA)	81	94	(NA)
56	Communications.....	6,522	7,330	(NA)	233	266	(NA)	182	198	(NA)	541	642	(NA)	110	109	(NA)
57	Electric, gas, and sanitary services.....	1,262	1,300	(NA)	379	397	(NA)	215	219	(NA)	612	620	(NA)	176	176	(NA)
58	Wholesale trade.....	5,556	6,523	6,336	1,134	1,214	1,228	634	655	662	2,172	2,345	2,324	286	303	333
59	Retail trade.....	8,840	9,685	10,164	2,030	2,180	2,295	1,456	1,531	1,595	3,908	3,975	4,087	801	841	882
60	Finance, insurance, and real estate.....	9,556	10,570	10,780	1,100	1,138	1,194	791	828	862	2,981	3,148	3,355	473	447	479
61	Depository and nondepository institutions.....	1,958	2,011	(NA)	320	329	(NA)	238	243	(NA)	1,073	1,130	(NA)	(D)	127	(NA)
62	Other finance, insurance, and real estate.....	7,597	8,560	(NA)	780	810	(NA)	553	585	(NA)	1,908	2,018	(NA)	(D)	320	(NA)
63	Services.....	28,641	33,286	34,787	4,668	5,165	5,510	3,464	3,741	3,892	10,393	11,531	12,006	1,664	1,796	1,952
64	Hotels and other lodging places.....	961	1,045	(NA)	141	148	(NA)	155	167	(NA)	338	364	(NA)	151	160	(NA)
65	Personal services.....	794	819	(NA)	151	152	(NA)	112	110	(NA)	286	295	(NA)	64	65	(NA)
66	Private households.....	164	178	(NA)	32	35	(NA)	26	28	(NA)	40	43	(NA)	14	15	(NA)
67	Business services.....	8,880	11,284	(NA)	767	912	(NA)	445	515	(NA)	2,890	3,455	(NA)	273	295	(NA)
68	Auto repair, services, and parking.....	903	986	(NA)	215	229	(NA)	173	182	(NA)	406	421	(NA)	102	108	(NA)
69	Miscellaneous repair services.....	315	371	(NA)	75	92	(NA)	60	69	(NA)	145	157	(NA)	39	46	(NA)
70	Amusement and recreation services.....	1,427	1,555	(NA)	158	173	(NA)	123	128	(NA)	357	410	(NA)	55	58	(NA)
71	Motion pictures.....	274	512	(NA)	22	22	(NA)	21	22	(NA)	148	145	(NA)	8	8	(NA)
72	Health services.....	5,854	6,383	(NA)	1,461											

and Earnings by Industry,¹ 1999–2001—Continued
of dollars]

Far West			Alaska			California			Hawaii			Nevada			Oregon			Washington			Line
1999 [*]	2000 [*]	2001 [*]	1999 [*]	2000 [*]	2001 [*]	1999 [*]	2000 [*]	2001 [*]	1999 [*]	2000 [*]	2001 [*]	1999 [*]	2000 [*]	2001 [*]	1999 [*]	2000 [*]	2001 [*]	1999 [*]	2000 [*]	2001 [*]	
1,363,741	1,494,673	1,535,950	17,570	18,773	19,641	994,862	1,099,375	1,128,256	32,573	34,308	35,510	55,330	59,948	62,966	89,084	95,406	97,814	174,321	186,863	191,763	1
46,506	47,197	47,327	625	628	635	33,499	34,000	34,501	1,210	1,212	1,224	1,935	2,019	2,106	3,394	3,429	3,473	5,843	5,908	5,988	2
29,324	31,669	32,047	28,122	29,913	30,936	29,698	32,334	32,702	26,913	28,301	29,002	28,598	29,696	29,897	26,248	27,821	28,165	29,836	31,627	32,025	3
1,004,373	1,106,397	1,124,558	13,445	14,182	14,952	734,142	818,774	831,027	23,694	24,838	25,682	41,070	44,303	46,551	63,887	68,406	69,051	128,136	135,895	137,296	4
58,766	64,074	65,851	695	728	778	42,664	47,157	48,353	1,317	1,369	1,438	2,370	2,526	3,962	4,205	4,309	4,309	7,896	8,245	8,446	5
-1,273	-1,444	-1,457	-805	-858	-915	148	127	189	0	0	0	-784	-820	-870	-1,879	-2,276	-2,255	2,046	2,383	2,394	6
944,334	1,040,879	1,057,250	11,945	12,596	13,258	691,626	771,744	782,863	22,377	23,468	24,244	38,054	41,113	43,155	58,046	61,926	62,487	122,286	130,033	131,244	7
258,173	286,075	292,019	2,945	3,160	3,231	186,812	207,207	211,291	6,267	6,751	6,895	11,779	13,037	13,235	18,889	20,740	21,088	31,479	35,180	36,279	8
161,234	167,719	186,681	2,680	3,018	3,152	116,423	120,424	134,103	3,929	4,089	4,372	5,497	5,798	6,577	12,148	12,739	14,238	20,557	21,650	24,240	9
781,491	868,558	881,467	10,165	10,737	11,325	565,930	638,519	647,222	18,289	19,270	19,885	32,640	35,199	37,022	50,662	54,788	55,157	103,805	110,045	110,856	10
86,145	93,257	97,014	1,594	1,675	1,801	61,082	66,932	69,374	2,758	2,850	3,009	3,574	4,062	4,358	6,080	6,095	6,304	11,057	11,642	12,167	11
136,737	144,582	146,077	1,686	1,769	1,825	107,130	113,323	114,430	2,647	2,717	2,788	4,856	5,042	5,170	7,145	7,524	7,591	13,274	14,207	14,273	12
3,824	2,959	1,450	19	8	5	3,710	2,649	1,450	8	2	-1	7	25	35	-4	16	-51	84	260	12	13
132,913	141,623	144,627	1,666	1,762	1,820	103,420	110,674	112,980	2,639	2,716	2,789	4,849	5,017	5,135	7,148	7,508	7,642	13,190	13,947	14,261	14
10,556	9,491	8,531	26	14	12	8,501	7,286	6,486	198	184	186	60	83	96	651	653	642	1,120	1,271	1,109	15
993,817	1,096,907	1,116,027	13,419	14,168	14,940	725,641	811,487	824,541	23,496	24,654	25,496	41,010	44,220	46,455	63,236	67,753	68,409	127,016	134,624	136,187	16
834,128	926,464	932,393	9,082	9,664	10,204	615,805	693,100	696,557	16,324	17,335	17,902	35,104	37,864	39,631	52,653	56,945	56,871	105,161	111,555	111,227	17
10,439	11,129	11,705	213	220	228	7,531	8,126	8,538	140	154	159	259	283	312	873	870	925	1,424	1,476	1,544	18
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	19
4,604	4,871	5,113	850	995	1,140	2,635	2,753	2,896	27	27	27	763	727	695	98	101	95	581	557	(NA)	20
867	(D)	(NA)	86	89	(NA)	102	(D)	(D)	(L)	(L)	(L)	652	617	695	1	2	(NA)	27	28	261	21
187	135	(NA)	(D)	(D)	(NA)	95	(D)	(D)	6	4	(NA)	13	8	(NA)	13	8	(NA)	47	47	(NA)	22
2,783	(D)	(NA)	733	878	(NA)	2,015	2,191	(D)	(D)	(D)	(D)	18	21	(NA)	5	6	(NA)	(D)	(D)	12	23
766	(D)	(D)	(D)	(D)	(D)	433	429	(D)	(D)	(D)	(D)	81	87	(NA)	79	86	(NA)	145	182	(NA)	25
61,238	67,634	70,896	1,017	1,054	1,150	41,588	46,760	49,776	1,317	1,477	1,525	4,518	4,555	4,697	4,470	4,780	4,709	8,328	9,008	9,039	26
143,514	164,429	148,462	562	557	550	110,308	129,043	114,091	680	739	771	1,789	1,985	2,175	11,462	12,859	12,056	18,712	19,247	18,818	27
103,063	120,874	106,188	164	170	152	78,507	94,720	80,787	186	218	235	1,170	1,291	1,449	9,028	10,379	9,591	14,007	14,094	13,975	28
(D)	(D)	(NA)	93	91	(NA)	2,373	2,536	(NA)	(D)	(D)	(D)	72	78	(NA)	2,079	2,177	(NA)	1,638	1,658	(NA)	29
2,424	(D)	(NA)	2	2	(NA)	2,064	2,203	(NA)	11	12	(NA)	36	37	(NA)	147	153	(NA)	166	181	(NA)	30
3,294	(D)	(NA)	18	(D)	(NA)	2,435	2,668	(NA)	70	80	(NA)	172	192	(NA)	233	254	(NA)	366	393	(NA)	31
(D)	(D)	(D)	(D)	(D)	(D)	1,575	1,750	(NA)	10	11	(NA)	66	68	(NA)	609	623	(NA)	579	581	(NA)	32
6,792	7,246	(NA)	9	11	(NA)	5,442	5,816	(NA)	14	15	(NA)	170	182	(NA)	584	622	(NA)	573	600	(NA)	33
22,714	29,629	(NA)	4	5	(NA)	20,188	26,856	(NA)	7	8	(NA)	115	117	(NA)	1,080	1,101	(NA)	1,319	1,543	(NA)	34
(D)	(D)	(NA)	2	2	(NA)	19,414	25,845	(NA)	(D)	(D)	(D)	100	132	(NA)	2,631	3,579	(NA)	895	1,029	(NA)	35
(D)	(D)	(NA)	(D)	(D)	(D)	1,732	1,847	(NA)	2	2	(NA)	23	20	(NA)	545	569	(NA)	331	302	(NA)	36
(D)	(D)	(NA)	(D)	(D)	(D)	8,300	7,999	(NA)	19	24	(NA)	33	29	(NA)	391	410	(NA)	6,854	6,460	(NA)	37
(D)	(D)	(NA)	(D)	(D)	(D)	12,949	14,970	(NA)	(D)	2	(NA)	120	132	(NA)	590	742	(NA)	892	938	(NA)	38
(D)	(D)	(NA)	(D)	(D)	(D)	2,036	2,229	(NA)	20	20	(NA)	263	304	(NA)	140	150	(NA)	396	408	(NA)	39
40,451	43,555	42,273	398	386	398	31,801	34,323	33,305	494	521	536	619	694	726	2,434	2,479	2,465	4,705	5,152	4,843	40
10,115	10,711	(NA)	275	262	(NA)	7,372	7,913	(NA)	190	196	(NA)	125	133	(NA)	734	738	(NA)	1,419	1,468	(NA)	41
(D)	(D)	(NA)	(L)	(L)	(NA)	3	3	(NA)	(L)	(L)	(L)	(D)	(D)	(NA)	0	0	(NA)	0	0	(NA)	42
905	913	(NA)	(D)	(D)	(NA)	820	834	(NA)	(D)	(D)	(D)	(D)	(D)	(NA)	40	33	(NA)	42	44	(NA)	43
3,854	3,849	(NA)	2	2	(NA)	3,524	3,515	(NA)	58	59	(NA)	27	27	(NA)	61	65	(NA)	183	181	(NA)	44
(D)	(D)	(NA)	(D)	(D)	(D)	1,950	1,996	(NA)	9	9	(NA)	23	29	(NA)	477	465	(NA)	892	898	(NA)	45
9,740	10,675	(NA)	52	52	(NA)	7,615	8,397	(NA)	165	184	(NA)	243	272	(NA)	654	702	(NA)	1,011	1,069	(NA)	46
(D)	8,432	(NA)	(D)	29	(NA)	5,987	7,143	(NA)	25	27	(NA)	71	81	(NA)	186	199	(NA)	635	952	(NA)	47
1,974	(D)	(NA)	35	35	(NA)	1,708	1,551	(NA)	40	(D)	(NA)	8	9	(NA)	23	22	(NA)	160	171	(NA)	48
(D)	3,549	(NA)	(D)	(D)	(NA)	2,652	2,796	(NA)	(D)	(D)	(NA)	117	139	(NA)	248	244	(NA)	354	360	(NA)	49
(D)	(D)	(NA)	(D)	(D)	(NA)	169	175	(NA)	(L)	(L)	(NA)	1	1	(NA)	12	11	(NA)	9	9	(NA)	50
64,526	69,256	70,831	1,353	1,485	1,550	46,931	49,573	50,937	1,846	1,960	1,980	2,414	2,664	2,828	3,857	4,276	4,173	8,125	9,298	9,362	51
1,397	1,396	(NA)	0	0	(NA)	876	880	(NA)	0	0	(NA)	61	62	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	52
11,902	12,249	(NA)	136	141	(NA)	8,628	8,879	(NA)	136	144	(NA)	353	363	(NA)	1,203	1,225	(NA)	1,445	1,496	(NA)	53
(D)	(D)	(NA)	91	103	(NA)	1,499	1,685	(NA)	184	190	(NA)	(D)	(D)	(NA)	136	157	(NA)	559	587	(NA)	54
21,943	23,458	(NA)	655	706	(NA)	11,348	12,742	(NA)	946	1,014	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	(D)	(D)	(NA)	55
10,290	10,990	(NA)	301	350	(NA)	17,226	17,628	(NA)	354	368	(NA)	600	687	(NA)	778	948	(NA)	2,684	3,477		

Table 4. Personal Income by Major Source
(Millions)

Line	Item	United States	New England	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont	Mideast	Delaware	District of Columbia	Maryland
		2001											
Income by place of residence													
1	Personal income (lines 4-9).....	8,678,255	520,440	145,341	34,384	248,202	42,986	31,995	17,531	1,626,912	25,853	22,959	189,142
2	Population (thousands) ²	284,797	14,022	3,425	1,287	1,259	1,059	1,059	613	46,526	796	572	5,375
3	Per capita personal income (dollars) ³	30,472	37,115	42,435	26,723	38,907	34,138	30,215	28,594	34,968	32,472	40,150	35,188
Derivation of personal income													
4	Earnings by place of work (lines 10-14 or 15-86).....	6,242,742	373,328	101,703	22,967	187,753	28,318	20,570	12,017	1,187,081	19,949	49,171	122,231
5	Less: Personal contributions for social insurance ⁴	371,690	21,950	5,913	1,420	10,686	1,761	1,409	762	71,592	1,209	2,536	7,402
6	Plus: Adjustment for residence ⁵	-1,093	7,629	6,784	342	-4,681	3,817	1,246	122	-18,364	-1,135	-31,222	20,124
7	Equals: Net earnings by place of residence.....	5,869,959	359,007	102,574	21,889	172,386	30,374	20,407	11,378	1,097,124	17,604	15,414	134,954
8	Plus: Dividends, interest, and rent ⁶	1,637,213	96,309	26,920	6,620	45,038	8,099	6,021	3,610	298,613	5,097	4,685	34,931
9	Plus: Transfer payments.....	1,171,083	65,124	15,847	5,875	30,778	4,513	5,567	2,544	231,175	3,152	2,860	19,257
Earnings by place of work													
Components of earnings:													
10	Wage and salary disbursements.....	4,948,115	301,310	81,164	17,975	153,635	22,533	16,595	9,407	947,731	16,466	39,103	98,791
11	Other labor income.....	565,535	32,577	8,646	2,393	16,085	2,350	1,999	1,094	100,903	1,889	7,194	12,829
12	Proprietors' income ⁷	729,092	39,442	11,893	2,599	18,022	3,435	1,976	1,516	138,447	1,593	2,874	10,611
13	Farm.....	20,271	138	58	23	-13	-5	1	74	1,145	127	0	287
14	Nonfarm.....	708,821	39,303	11,835	2,575	18,035	3,440	1,975	1,442	137,302	1,466	2,874	10,324
Earnings by industry													
15	Farm.....	40,070	584	190	112	98	36	15	133	2,468	167	0	426
16	Nonfarm.....	6,202,672	372,744	101,513	22,855	187,655	28,282	20,555	11,884	1,184,613	19,782	49,171	121,805
17	Private.....	5,208,041	324,987	88,854	18,649	165,645	25,076	16,820	9,943	1,000,710	17,114	29,461	93,873
18	Forestry, fishing, related activities, and other ⁸	18,884	(D)	37	282	240	86	(D)	57	2,845	(D)	(D)	79
19	Mining.....	52,426	(D)	109	24	258	35	(D)	38	2,261	(D)	(D)	118
20	Oil and gas extraction.....	25,878	183	30	1	148	1	(D)	1	450	(D)	(D)	9
21	Mining, except oil and gas.....	15,105	299	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	88
22	Support activities for mining.....	11,444	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2
23	Utilities.....	66,963	(D)	1,092	197	1,221	260	(D)	167	(D)	(D)	(D)	1,969
24	Construction.....	392,094	21,546	5,183	1,549	10,912	1,947	1,130	823	59,848	1,155	648	9,046
25	Manufacturing.....	830,439	52,287	14,750	3,213	24,120	5,159	2,887	2,159	113,888	2,101	257	9,099
26	Durable goods manufacturing.....	539,513	37,346	10,437	1,632	17,768	3,881	1,954	1,675	62,406	960	114	5,424
27	Wood product manufacturing.....	20,174	711	83	241	131	126	31	99	(D)	15	(D)	147
28	Nonmetallic mineral product manufacturing.....	23,886	882	154	57	430	121	41	79	3,851	34	5	270
29	Primary metal manufacturing.....	31,107	1,095	332	26	418	149	122	39	4,974	57	4	394
30	Fabricated metal product manufacturing.....	71,594	5,523	1,877	213	2,328	582	382	142	9,412	110	2	515
31	Machinery manufacturing.....	69,454	4,212	1,433	132	1,851	462	143	191	9,091	38	7	684
32	Computer and electronic product manufacturing.....	127,999	12,704	1,307	294	8,326	1,692	330	754	(D)	182	(D)	2,365
33	Electrical equipment and appliance manufacturing.....	25,782	2,559	986	53	1,031	299	140	48	(D)	65	(D)	172
34	Motor vehicle manufacturing.....	69,371	605	(D)	24	(D)	(D)	(D)	31	4,317	(D)	(D)	(D)
35	Transportation equipment manufacturing excluding motor vehicles.....	46,160	4,894	(D)	461	(D)	(D)	(D)	124	2,923	(D)	(D)	(D)
36	Furniture and related product manufacturing.....	21,487	706	150	64	279	57	64	93	2,286	44	8	157
37	Miscellaneous manufacturing.....	32,499	3,455	801	58	1,739	242	540	74	5,534	62	8	219
38	Non-durable goods manufacturing.....	290,925	14,941	4,313	1,581	6,352	1,278	933	484	51,482	1,141	142	3,675
39	Food manufacturing.....	58,450	1,741	314	232	873	87	92	142	8,160	252	18	671
40	Beverage and tobacco product manufacturing.....	12,062	512	187	33	167	60	43	23	1,684	(D)	(D)	214
41	Textile mills.....	11,054	886	64	74	467	96	176	10	1,421	53	2	73
42	Textile product mills.....	6,313	373	44	40	230	11	39	9	(D)	6	(D)	38
43	Apparel manufacturing.....	11,455	(D)	53	25	176	10	(D)	16	3,098	25	1	83
44	Leather and allied product manufacturing.....	2,008	(D)	22	123	115	42	9	(D)	(D)	(D)	0	48
45	Paper manufacturing.....	29,652	2,323	415	722	848	174	73	91	4,247	86	1	278
46	Printing and related support activities.....	31,584	1,976	593	91	912	176	120	83	6,114	42	65	782
47	Petroleum and coal products manufacturing.....	19,809	286	28	55	106	52	(D)	(D)	2,000	71	11	87
48	Chemical manufacturing.....	71,745	4,131	2,195	91	1,480	114	188	62	(D)	478	(D)	1,020
49	Plastics and rubber products manufacturing.....	36,794	2,109	397	94	977	455	147	38	(D)	108	(D)	380
50	Wholesale trade.....	327,918	19,259	5,121	934	10,004	1,821	898	480	60,112	795	316	5,596
51	Retail Trade.....	422,630	24,140	6,419	2,108	10,416	2,839	1,332	1,026	68,804	1,267	508	8,343
52	Transportation and warehousing.....	206,930	(D)	1,828	579	3,596	531	(D)	284	(D)	437	(D)	3,084
53	Air transportation.....	37,313	(D)	10	18	608	40	22	10	5,483	12	26	393
54	Rail transportation.....	12,761	(D)	1	37	179	24	18	10	1,462	58	(D)	121
55	Water transportation.....	3,864	184	113	7	60	6	(D)	6	598	3	9	62
56	Truck transportation.....	59,524	1,845	364	252	836	168	107	117	7,644	136	9	757
57	Transit and ground passenger transportation.....	16,039	1,235	401	42	637	69	52	34	5,437	46	67	393
58	Pipeline transportation.....	9,205	85	28	(D)	20	(D)	(D)	(D)	(D)	14	18	(D)
59	Scenic and sightseeing transportation.....	823	55	5	5	28	7	3	2	(D)	(D)	1	6
60	Support activities for transportation.....	25,060	709	244	46	337	32	35	15	4,045	69	28	468
61	Couriers and messengers.....	22,955	1,089	(D)	(D)	522	79	63	(D)	3,929	(D)	(D)	(D)
62	Warehousing and storage.....	19,386	849	226	80	370	92	33	47	3,532	46	17	436
63	Information.....	282,468	14,789	3,699	542	8,632	900	715	301	(D)	569	(D)	4,183
64	Publishing industries, except Internet.....	81,591	6,469	1,189	144	4,274	532	215	116	18,393	67	866	825
65	Motion picture and sound recording industries.....	24,630	403	120	28	209	21	12	12	5,432	8	99	110
66	Broadcasting, except Internet.....	25,397	957	354	63	411	46	56	27	7,084	60	525	526
67	Internet publishing and broadcasts.....	4,205	446	95	5	338	6	1	1	1,007	(D)	(D)	46
68	Telecommunications.....	101,503	4,179	1,355	212	2,086	199	219	109	22,036	131	431	1,993
69	ISPs, search portals, and data processing.....	42,594	2,171	521	70	1,260	92	197	31	(D)	12	243	629
70	Other information services.....	2,548	164	65	22	54	4	15	4	1,197	12	203	55
71	Finance and insurance.....	464,285	40,453	14,577	1,369	20,593	1,724	1,627	562	149,838	2,126	2,048	7,471
72	Real estate and rental and leasing.....	109,601	5,682	1,650	232	2,987	417	271	125	21,460	288	631	2,238
73	Professional and technical services.....	577,304	41,372	10,151	1,460	25,152	2,247	1,437	924	130,930	2,448	10,609	15,159
74	Management of companies and enterprises.....	136,784	10,398	3,494	352	5,422	562	464	104	27,070	1,872	358	581
75	Administrative and waste services.....	240,162	12,230	3,410	692	6,276	899	670	283	40,756	666	1,382	4,660
76	Educational services.....	77,356	9,778	1,992	318	5,856	628	652	331	22,948	172	1,494	1,916
77	Health care and social assistance.....	551,375	38,328	9,712	3,096	18,822	2,820	2,600	1,278	113,023	1,785	2,478	11,400
78	Arts, entertainment, and recreation.....	72,686	3,411	909	195	1,733	284	198	92	14,353	195	343	1,138
79	Accommodation and food services.....	200,892	10,587	2,353	875	5,070	1,076	661	552	31,528	521	1,282	4,051
80	Other services, except public administration.....	176,844	9,081	2,366	632	4,334	840	550	359	32,471	486	3,129	3,741
81	Government and government enterprises.....	994,631	47,757	12,659	4,206	22,010	3,206	3,735	1,941	183,902	2,668	19,710	27,932
82	Federal, civilian.....	190,135	7,762	1,423	903	3,792	537	752	356	49,247	351	16,437	11,846
83													

and Earnings by NAICS Industry,¹ 2001
of dollars]

New Jersey	New York	Pennsylvania	Great Lakes	Illinois	Indiana	Michigan	Ohio	Wisconsin	Plains	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota	Line
2001																	
326,723	684,774	377,461	1,365,555	412,200	169,885	297,609	327,745	158,116	566,457	79,893	76,973	164,589	158,906	49,489	16,434	20,174	1
8,484	19,011	12,287	45,363	12,482	6,115	9,991	11,374	5,402	19,324	2,923	4,972	5,630	5,630	1,713	634	757	2
38,509	36,019	30,720	30,103	33,023	27,783	29,788	28,816	29,270	29,313	27,331	28,565	33,101	28,226	28,886	25,902	26,664	3
222,348	514,437	258,945	969,556	300,076	117,624	211,961	230,611	109,285	403,851	54,999	53,879	120,924	113,629	35,236	11,432	13,752	4
17,300	30,786	15,959	57,344	17,267	7,345	13,010	12,923	6,799	25,291	3,530	3,354	7,739	6,848	2,185	757	879	5
20,991	-28,791	1,668	4,623	-1,163	3,450	984	-1,376	2,727	-4,587	580	952	-1,109	-3,732	-677	-385	-216	6
229,639	454,860	244,653	916,835	281,646	113,729	199,936	216,312	105,212	373,972	52,049	51,477	112,077	103,049	32,374	10,290	12,656	7
59,951	123,279	70,671	265,241	83,170	32,544	55,193	62,286	32,049	116,130	16,615	15,413	33,763	31,460	10,692	3,489	4,698	8
37,133	106,635	62,137	183,479	47,384	23,612	42,481	49,147	20,855	76,354	11,230	10,082	18,749	24,396	6,423	2,654	2,820	9
178,439	411,556	203,375	787,073	240,650	95,207	173,309	188,245	89,663	322,783	43,267	42,667	99,764	90,852	27,328	8,856	10,049	10
17,523	39,231	22,237	91,499	26,877	11,714	20,857	21,535	10,515	37,150	5,009	5,220	10,378	10,876	3,219	1,142	1,306	11
26,387	63,650	33,332	90,984	32,548	10,703	17,796	20,830	9,106	43,917	6,723	5,992	10,782	11,901	4,689	1,434	2,396	12
47	340	345	1,169	682	376	-175	371	-86	3,446	1,050	270	239	279	778	130	699	13
26,340	63,310	32,987	89,815	31,866	10,327	17,971	20,459	9,192	40,471	5,673	5,721	10,543	11,622	3,912	1,303	1,697	14
240	796	840	3,421	1,091	661	389	734	546	5,695	1,421	664	748	568	1,165	288	841	15
222,108	513,641	258,105	966,135	298,985	116,962	211,573	229,877	108,739	398,156	53,578	53,215	120,177	113,060	34,072	11,145	12,911	16
191,860	443,580	224,821	829,400	258,519	100,671	182,609	195,055	92,545	334,449	44,475	43,632	103,968	95,444	28,045	8,583	10,303	17
91	1,212	365	1,037	246	115	253	183	240	911	142	121	233	196	99	58	63	18
210	502	1,407	3,871	1,490	570	654	964	193	1,894	125	554	403	354	168	220	71	19
(D)	227	167	(D)	923	29	246	318	(D)	423	(D)	327	(D)	11	14	43	7	20
184	254	1,098	2,089	508	535	316	549	181	1,252	117	90	386	339	148	110	61	21
(D)	21	143	(D)	58	6	92	97	(D)	219	(D)	137	(D)	4	5	66	3	22
2,009	4,856	3,171	10,004	2,814	1,507	2,893	1,803	988	4,442	625	557	1,273	1,011	599	245	133	23
11,417	21,080	16,504	60,547	18,639	8,016	13,291	13,479	7,122	26,383	3,534	3,279	7,788	7,812	2,362	735	872	24
24,981	36,958	40,493	192,893	41,569	30,070	48,515	47,186	25,352	59,922	10,260	9,090	18,393	15,429	4,336	1,457	2,25	25
10,361	21,535	24,011	138,128	25,981	22,260	40,094	33,788	16,005	38,053	6,480	5,973	12,188	9,750	2,096	958	970	26
201	380	953	3,146	364	736	507	672	867	1,723	433	76	739	285	61	50	79	27
819	1,023	1,699	5,095	991	741	1,049	1,853	460	1,660	303	260	452	433	117	37	57	28
607	859	3,053	12,332	1,863	3,524	1,842	4,122	981	(D)	429	111	324	497	76	(D)	25	29
1,569	2,888	4,328	21,435	5,764	4,090	5,768	4,090	3,154	5,410	836	465	2,181	1,414	353	53	108	30
1,268	3,558	3,536	22,257	5,937	2,432	4,985	4,812	4,091	6,890	1,768	808	2,101	1,383	423	226	181	31
2,987	6,126	3,485	9,326	3,588	1,185	1,220	1,912	1,420	5,953	755	368	3,695	498	366	73	199	32
440	1,009	1,417	6,981	2,083	783	830	1,924	1,361	2,027	599	182	413	698	106	3	27	33
(D)	2,170	(D)	41,838	2,272	7,104	21,954	9,004	1,503	(D)	(D)	(D)	411	2,265	(D)	(D)	(D)	34
(D)	607	(D)	4,498	387	845	802	1,623	842	4,617	(D)	(D)	304	1,229	(D)	(D)	(D)	35
364	749	965	4,947	783	944	1,717	863	641	1,797	355	145	488	616	106	31	55	36
1,426	2,167	1,652	6,272	1,949	1,306	1,098	1,234	686	2,331	220	1,078	434	183	20	163	37	37
14,620	15,422	16,482	54,565	15,588	7,810	8,421	13,399	9,347	21,869	3,780	3,117	6,205	5,678	2,239	362	487	38
1,935	2,165	3,118	11,209	3,746	1,133	1,458	2,361	2,512	8,527	1,913	1,157	1,943	1,616	1,452	194	254	39
152	803	494	1,331	473	176	229	316	136	708	61	31	135	384	51	26	20	40
307	620	366	322	78	18	34	138	54	(D)	11	(D)	18	21	10	(L)	(D)	41
185	251	303	570	135	101	101	153	81	252	23	37	85	78	11	4	13	42
395	1,946	649	477	231	47	33	80	85	295	66	50	43	117	12	1	5	43
103	105	155	375	90	17	134	34	99	224	26	(D)	73	107	4	(D)	1	44
1,043	1,267	1,572	6,919	1,433	551	901	1,431	2,604	(D)	248	161	795	488	91	(D)	40	45
1,545	1,900	1,779	7,017	2,300	806	908	1,512	1,491	3,142	341	368	1,408	769	184	26	45	46
486	784	561	2,000	725	431	403	412	28	912	64	465	174	96	12	(D)	(D)	47
7,371	4,359	5,397	13,182	3,905	2,780	2,227	3,355	915	3,107	437	456	745	1,268	168	27	25	48
1,097	1,222	2,087	11,163	2,473	1,748	1,993	3,609	1,344	2,800	588	377	785	734	244	27	45	49
16,541	24,409	12,455	54,684	19,527	6,003	10,604	12,858	5,692	23,767	3,068	3,026	7,957	6,251	1,957	756	753	50
15,440	24,938	18,308	64,301	17,525	8,190	14,092	16,872	7,622	28,447	4,351	3,825	7,930	7,810	2,517	1,100	51	51
7,983	11,980	8,961	33,145	11,870	4,573	5,778	7,120	3,805	15,891	1,981	2,020	4,490	4,374	2,184	433	408	52
1,099	2,374	1,578	5,324	3,002	416	1,118	563	225	2,386	24	45	1,674	586	36	9	12	53
(D)	(D)	(D)	(D)	915	356	305	305	217	2,273	(D)	(D)	(D)	(D)	(D)	103	41	54
2,070	1,874	2,798	11,964	3,267	2,122	1,714	2,861	2,007	6,032	797	744	1,031	1,783	974	188	228	56
909	3,211	812	1,983	1,040	133	203	229	378	797	46	38	356	218	38	32	23	57
38	52	669	95	49	49	429	67	29	382	33	97	44	131	29	19	58	
15	47	12	108	80	1	10	9	15	(D)	1	1	4	6	3	(D)	59	
1,439	1,483	559	3,393	1,452	257	641	831	213	1,214	85	163	322	471	129	27	18	60
(D)	(D)	(D)	3,252	732	(D)	511	(D)	(D)	1,311	191	232	397	(D)	(D)	(D)	48	61
1,247	699	1,086	3,742	1,179	544	823	795	401	1,402	269	227	348	439	92	10	17	62
13,158	33,510	9,615	27,367	10,903	2,229	5,207	6,328	2,700	16,589	1,566	3,032	3,961	6,168	1,259	320	283	63
3,269	11,069	2,297	9,465	3,268	746	2,454	2,203	794	5,552	436	540	1,549	2,643	192	121	71	64
261	4,699	254	1,036	427	79	264	169	98	325	39	30	134	95	14	7	6	65
793	4,251	928															

Table 4. Personal Income by Major Source

[Millions]

Line	Item	Southeast	Alabama	Arkansas	Florida	Georgia	Kentucky	Louisiana	Mississippi	North Carolina	South Carolina	Tennessee	Virginia	West Virginia
		2001												
Income by place of residence														
1	Personal income (lines 4-9)	1,915,549	109,773	61,613	474,626	240,896	101,326	109,560	62,163	225,234	101,110	154,911	233,107	41,230
2	Population (thousands) ²	70,305	4,464	2,692	16,397	8,384	4,066	4,465	2,858	8,186	4,063	5,740	7,188	1,802
3	Per capita personal income (dollars) ³	27,246	24,589	22,887	28,947	28,733	24,923	24,535	21,750	27,514	24,886	26,988	32,431	22,881
Derivation of personal income														
4	Earnings by place of work (lines 10-14 or 15-36)	1,319,614	74,541	41,724	296,595	183,261	70,499	74,520	40,192	161,385	69,265	112,761	169,249	25,621
5	Less: Personal contributions for social insurance ⁴	80,265	4,735	2,718	18,526	10,515	4,304	4,064	2,537	9,981	4,206	6,826	10,189	1,664
6	Plus: Adjustment for residence ⁵	10,088	905	-304	1,027	-483	-1,057	-123	1,487	-979	1,244	-1,109	9,093	388
7	Equals: Net earnings by place of residence	1,249,437	70,711	38,702	279,096	172,263	65,138	70,333	39,141	150,425	66,302	104,827	168,153	24,345
8	Plus: Dividends, interest, and rent ⁶	376,867	20,098	11,437	122,125	40,708	18,306	18,306	10,375	42,623	18,604	24,735	41,810	7,274
9	Plus: Transfer payments	289,244	18,964	11,473	73,404	27,924	17,883	20,455	12,647	32,185	16,204	25,349	23,144	9,612
Earnings by place of work														
Components of earnings:														
10	Wage and salary disbursements	1,050,295	59,028	32,524	239,379	144,367	55,860	58,069	31,005	129,670	55,779	86,643	137,840	20,132
11	Other labor income	130,092	7,389	4,003	27,943	17,431	7,509	7,647	4,304	15,470	6,989	9,921	18,716	2,769
12	Proprietors' income	139,227	8,124	5,197	29,274	21,463	7,131	8,804	4,882	16,245	6,496	16,198	12,892	2,720
13	Farm	1,529	1,111	813	641	1,568	748	332	661	2,092	406	121	249	-14
14	Nonfarm	130,698	7,013	4,384	28,632	19,895	6,383	8,672	4,221	14,153	6,090	16,077	12,444	2,734
Earnings by industry														
15	Farm	12,202	1,279	1,092	1,824	1,917	973	330	860	2,607	564	292	452	12
16	Nonfarm	1,307,412	73,262	40,632	294,772	181,344	69,526	74,190	39,332	158,778	68,701	112,469	168,797	25,609
17	Private	1,068,244	58,441	33,459	247,194	152,395	56,300	59,723	30,234	129,579	54,620	96,803	129,507	19,988
18	Forestry, fishing, related activities, and other ⁷	4,780	427	367	1,194	544	259	368	399	438	268	216	218	82
19	Mining	9,955	660	268	424	454	1,190	3,563	380	266	110	243	998	1,396
20	Oil and gas extraction	2,456	101	102	78	(D)	102	139	(D)	(D)	(D)	19	371	172
21	Mining, except oil and gas	4,890	513	101	333	430	1,037	165	76	225	101	215	585	1,120
22	Support activities for mining	2,619	46	64	13	(D)	51	2,078	165	(D)	(D)	9	42	127
23	Utilities	11,131	424	2,983	2,256	519	773	433	1,155	872	265	1,479	466	466
24	Construction	86,648	5,282	2,525	20,254	11,283	4,336	5,540	2,440	11,160	5,105	6,348	10,664	1,700
25	Manufacturing	170,693	12,941	7,764	19,403	21,443	13,052	8,346	6,821	29,632	12,992	19,812	15,181	3,306
26	Durable goods manufacturing	96,421	7,345	4,319	13,261	10,020	8,688	3,672	4,297	16,046	6,286	11,876	8,839	1,792
27	Wood product manufacturing	6,652	770	470	568	341	470	370	515	918	307	575	627	237
28	Nonmetallic mineral product manufacturing	5,834	391	174	918	817	370	244	195	908	456	643	463	198
29	Primary metal manufacturing	6,220	1,099	500	231	698	891	175	140	368	385	792	428	515
30	Fabricated metal product manufacturing	12,287	1,054	705	1,449	1,074	913	761	485	1,669	1,173	1,785	933	294
31	Machinery manufacturing	11,192	558	538	1,449	1,085	1,001	643	514	1,753	1,022	1,605	903	101
32	Computer and electronic product manufacturing	14,722	783	234	3,952	1,452	554	148	134	400	400	901	1,718	43
33	Electrical equipment and appliance manufacturing	6,955	262	503	408	834	689	83	379	1,660	593	1,043	451	48
34	Motor vehicle manufacturing	12,841	1,076	355	457	1,073	3,100	(D)	332	1,355	(D)	2,712	(D)	131
35	Transportation equipment manufacturing excluding motor vehicles	8,003	681	290	1,870	890	181	(D)	628	300	(D)	407	(D)	120
36	Furniture and related product manufacturing	6,613	413	294	638	474	258	40	822	2,082	161	716	666	50
37	Miscellaneous manufacturing	5,102	258	235	1,328	682	292	138	153	630	323	696	314	54
38	Nondurable goods manufacturing	74,272	5,596	3,445	6,142	11,423	4,364	4,674	2,524	13,586	6,725	7,936	6,942	1,514
39	Food manufacturing	13,360	971	1,412	1,399	2,789	803	585	647	1,424	498	1,554	1,153	124
40	Beverage and tobacco product manufacturing	4,039	137	52	542	448	403	99	38	1,141	77	366	687	47
41	Textile mills	7,671	539	20	99	1,484	57	30	81	2,863	1,696	315	479	8
42	Textile product mills	(D)	345	61	145	1,447	71	38	64	490	367	132	110	(D)
43	Apparel manufacturing	3,709	574	88	263	311	264	86	189	1,170	202	374	172	16
44	Leather and allied product manufacturing	(D)	3	46	46	14	17	3	3	3	3	57	10	(D)
45	Paper manufacturing	9,288	1,079	684	589	1,554	524	617	428	1,033	871	1,107	760	43
46	Printing and related support activities	5,840	288	180	936	994	561	119	132	656	315	862	734	60
47	Petroleum and coal products manufacturing	2,022	151	81	138	94	112	856	178	60	17	175	99	70
48	Chemical manufacturing	15,790	808	307	1,358	1,374	855	2,069	407	3,151	1,451	1,765	1,181	1,020
49	Plastics and rubber products manufacturing	9,046	701	513	626	913	655	174	356	1,581	1,228	1,230	966	120
50	Wholesale trade	68,506	3,697	1,973	16,659	12,433	3,453	3,366	1,525	8,045	2,954	6,255	6,753	1,006
51	Retail Trade	98,285	5,639	2,982	25,032	12,432	5,090	3,250	3,240	11,647	5,773	9,114	10,092	1,994
52	Transportation and warehousing	50,703	2,169	2,299	9,449	8,828	3,938	1,478	1,478	5,157	1,944	6,301	4,919	876
53	Air transportation	8,717	43	72	2,164	3,124	551	171	13	971	144	343	1,210	9
54	Rail transportation	2,878	(D)	(D)	461	394	(D)	(D)	(D)	144	101	(D)	383	(D)
55	Water transportation	(D)	24	(D)	642	24	47	352	28	21	9	62	110	33
56	Truck transportation	16,096	1,129	1,293	1,924	2,096	965	746	730	2,076	848	2,685	1,264	339
57	Transit and ground passenger transportation	2,259	51	36	651	346	91	186	44	210	67	230	331	16
58	Pipeline transportation	918	66	79	32	33	96	267	73	21	20	46	43	142
59	Scenic and sightseeing transportation	(D)	2	2	70	6	4	43	3	3	12	13	11	(D)
60	Support activities for transportation	6,327	235	157	1,596	701	302	1,112	153	646	418	365	568	56
61	Couriers and messengers	7,075	(D)	120	1,075	1,031	(D)	(D)	(D)	479	178	(D)	436	71
62	Warehousing and storage	4,905	218	295	833	874	414	271	229	579	247	343	563	39
63	Information	53,105	1,861	1,271	11,259	12,648	1,574	1,841	815	5,911	1,383	2,861	11,132	550
64	Publishing industries, except Internet	11,525	323	222	2,306	2,171	429	237	135	2,438	276	564	2,301	124
65	Motion picture and sound recording industries	1,609	30	25	566	264	35	40	14	96	32	336	156	14
66	Broadcasting, except Internet	5,118	231	135	1,305	1,493	161	238	87	449	139	351	474	55
67	Internet publishing and broadcasts	(D)	5	(D)	150	105	14	8	1	79	2	17	184	1
68	Telecommunications	22,573	1,036	695	4,968	6,099	551	876	544	1,791	729	1,091	3,874	319
69	ISPs, search portals, and data processing	(D)	226	(D)	1,887	2,403	378	411	31	1,016	193	476	4,104	34
70	Other information services	375	10	12	76	115	7	31	2	41	12	26	41	3
71	Finance and insurance	68,430	3,412	1,603	19,439	10,326	3,016	3,051	1,514	7,874	2,977	6,191	8,165	864
72	Real estate and rental and leasing	23,004	920	517	7,716	3,425	749	1,427	392	2,185	1,235	1,568	2,628	243
73	Professional and technical services	103,745	5,518	1,820	25,272	15,941	3,640	4,728	1,768	10,127	4,065	7,042	22,500	1,323
74	Management of companies and enterprises	26,548	520	1,462	4,164	5,283	994	1,253	561	5,161	525	1,230	5,243	151
75	Administrative and waste services	57,450	2,066	1,086	21,156	7,536	1,898	2,306	839	5,344	3,235	5,686	5,596	701
76	Educational services	12,551	488</											

and Earnings by NAICS Industry,¹ 2001—Continued
of dollars]

Southwest	Arizona	New Mexico	Oklahoma	Texas	Rocky Mountain	Colorado	Idaho	Montana	Utah	Wyoming	Far West	Alaska	California	Hawaii	Nevada	Oregon	Washington	Line
2001																		
875,906	137,314	42,354	86,750	609,489	271,486	147,860	32,525	21,673	54,884	14,544	1,535,950	19,641	1,128,256	35,510	62,966	97,814	191,763	1
31,922	5,307	1,829	3,460	21,325	9,407	4,418	1,321	904	2,270	494	47,927	635	34,501	1,224	2,106	3,473	5,988	2
27,439	25,872	23,155	25,071	28,581	28,859	33,470	24,621	23,963	24,180	29,414	32,047	30,936	32,702	29,897	28,165	32,025	3	3
661,351	97,060	29,411	59,918	474,963	203,403	114,682	22,779	14,068	42,229	9,645	1,124,558	14,952	831,027	25,682	46,551	69,051	137,296	4
37,932	5,969	1,730	3,542	26,692	11,465	6,232	1,320	926	2,406	582	65,851	778	48,353	1,438	2,526	4,309	8,446	5
393	460	111	919	-1,097	582	107	485	1	26	-36	-1,457	-915	189	0	-870	-2,255	2,394	6
623,812	91,551	27,792	57,295	447,174	192,521	108,556	21,945	13,143	39,850	9,027	1,057,250	13,258	782,863	24,244	43,155	62,487	131,244	7
141,506	26,771	7,596	15,586	91,553	50,528	26,350	6,197	5,004	9,189	3,788	292,019	3,231	211,291	6,895	13,235	21,088	36,279	8
110,588	18,991	6,966	13,869	70,763	28,438	12,954	4,383	3,526	5,845	1,729	186,681	3,152	134,103	4,372	6,577	14,238	24,240	9
500,653	78,736	23,044	43,749	355,124	156,803	88,434	16,861	10,465	33,792	7,251	881,467	11,325	647,222	19,885	37,022	55,157	110,856	10
57,275	8,349	3,186	6,166	39,574	19,026	10,503	1,997	1,433	4,201	892	97,014	1,801	69,374	3,009	4,358	6,304	12,167	11
103,424	9,975	3,182	10,002	80,265	27,575	15,745	3,922	2,170	4,236	1,502	146,077	1,825	114,430	2,788	5,170	7,591	14,273	12
3,140	363	493	488	1,796	333	588	90	588	188	55	1,450	5	1,450	-1	35	-51	12	13
100,283	9,612	2,688	9,514	78,469	26,321	15,412	3,334	2,080	4,048	1,447	144,627	1,820	112,980	2,789	5,135	7,642	14,261	14
4,823	712	683	704	2,724	2,347	709	963	243	297	134	8,531	12	6,486	186	96	642	1,109	15
656,529	96,348	28,728	59,214	472,239	201,056	113,972	21,816	13,825	41,932	9,511	1,116,027	14,940	824,541	25,496	46,455	68,409	136,187	16
551,272	80,359	20,434	46,522	403,957	166,580	96,971	17,700	10,660	34,006	7,242	932,399	10,204	696,564	17,902	39,632	56,870	111,227	17
1,455	288	83	115	969	632	133	277	137	38	48	(D)	(D)	4,042	46	20	965	1,230	18
25,495	621	937	2,974	20,964	4,119	1,799	147	389	476	1,308	(D)	(D)	2,109	48	695	100	234	19
17,807	20	298	2,085	15,404	(D)	1,054	(D)	65	54	325	1,498	439	1,034	1	11	(D)	(D)	20
1,656	586	277	111	682	1,704	468	106	265	288	578	(D)	(D)	473	47	646	94	207	21
6,032	14	362	778	4,878	(D)	278	(D)	59	135	405	1,249	589	602	1	38	(D)	(D)	22
12,617	832	276	1,038	10,472	(D)	1,126	212	306	363	(D)	9,335	125	7,567	204	317	614	508	23
45,774	8,294	2,075	3,105	32,300	17,041	9,923	2,115	1,079	3,033	892	74,307	1,144	51,935	1,592	5,261	4,894	9,480	24
83,821	11,022	1,861	9,326	61,611	19,544	9,977	3,069	881	5,146	471	137,590	503	105,928	646	2,101	10,893	17,517	25
51,743	9,509	1,430	4,537	36,268	13,838	7,330	2,131	553	3,632	192	101,578	(D)	77,772	(D)	1,475	8,703	13,319	26
1,548	240	38	144	1,126	874	179	382	218	68	26	(D)	17	1,586	(D)	65	1,350	796	27
2,654	376	91	332	1,856	819	505	53	37	190	34	3,093	20	2,220	56	195	235	367	28
1,865	249	55	176	1,386	515	152	12	54	275	21	(D)	(D)	1,488	15	67	578	479	29
7,299	813	104	1,082	5,299	1,428	772	131	43	435	47	8,799	16	7,160	17	205	668	732	30
6,398	406	63	1,151	4,778	999	518	123	64	277	18	8,414	2	6,984	2	68	679	679	31
19,001	4,329	812	501	13,359	(D)	3,536	1,197	24	811	(D)	(D)	(D)	39,347	29	199	3,816	2,104	32
1,333	127	23	110	1,074	225	140	22	6	47	10	(D)	2	2,197	(D)	32	141	220	33
(D)	251	(D)	546	1,578	(D)	(D)	(D)	13	(D)	(D)	2,630	(D)	1,986	(D)	(D)	387	(D)	34
(D)	2,088	(D)	254	3,302	(D)	(D)	(D)	7	(D)	(D)	14,375	8	7,033	(D)	(D)	319	(D)	35
1,417	264	30	95	1,029	617	288	68	28	227	8	3,102	3	2,453	23	89	246	288	36
2,089	366	96	146	1,481	1,110	453	65	59	525	7	6,606	7	5,316	35	448	285	516	37
32,078	1,514	432	4,789	25,343	5,706	2,647	939	328	1,514	279	36,012	(D)	28,157	(D)	627	2,191	4,199	38
4,603	275	153	696	2,378	1,750	717	530	75	408	20	9,099	265	6,438	183	138	701	1,374	39
890	139	19	97	635	482	397	17	27	22	20	2,415	5	2,122	35	11	84	159	40
148	30	4	4	109	(D)	8	(D)	9	(D)	(D)	(D)	(D)	477	2	(D)	7	29	41
285	33	3	27	222	83	45	7	5	23	3	690	2	543	3	13	32	97	42
731	17	8	66	640	69	40	3	3	18	4	(D)	(D)	2,617	38	7	44	81	43
178	10	3	9	157	(D)	42	3	2	5	(D)	215	(D)	185	1	(D)	13	15	44
1,621	123	29	165	1,305	(D)	154	103	(D)	109	5	(D)	(D)	1,646	16	28	449	858	45
2,299	307	44	181	1,767	748	405	59	29	245	10	4,449	15	3,432	47	152	346	457	46
9,716	75	89	2,257	7,295	(D)	79	(D)	111	194	73	(D)	74	1,905	(D)	44	57	221	47
8,733	244	39	720	7,731	1,111	448	132	31	368	132	(D)	(D)	6,116	26	92	222	539	48
2,874	260	42	568	2,004	480	311	41	8	113	8	(D)	(D)	2,676	9	133	236	369	49
38,881	5,356	967	2,500	30,057	10,010	6,023	1,057	591	2,022	317	52,699	289	38,824	736	1,861	4,137	6,851	50
47,488	7,882	2,274	4,445	32,899	14,401	7,254	1,915	1,274	3,249	710	76,764	969	55,939	1,918	3,479	5,211	9,593	51
27,786	2,971	804	2,281	21,729	(D)	3,346	667	563	1,924	(D)	32,505	1,031	22,446	1,149	1,463	2,184	4,231	52
6,663	855	64	650	5,095	1,535	999	38	27	6,397	17	6,397	339	4,193	547	244	239	836	53
(D)	169	(D)	102	1,075	(D)	(D)	(D)	156	126	200	1,287	(L)	804	(L)	57	159	267	54
386	(D)	(D)	(D)	380	10	(D)	(D)	2	(D)	2	(D)	51	447	68	(D)	40	208	55
6,250	770	276	748	4,456	2,109	738	317	209	712	133	7,584	128	5,286	110	258	779	1,022	56
1,138	229	79	29	801	475	235	34	39	145	21	2,716	53	1,791	86	428	118	240	57
5,631	36	83	279	5,234	263	151	20	17	24	51	(D)	(D)	503	5	19	(D)	25	58
43	16	4	20	26	10	6	(D)	6	8	(D)	320	46	110	99	34	9	23	59
3,175	329	69	208	2,570	534	288	53	56	120	18	5,662	142	4,025	169	130	311	886	60
(D)	(D)	73	(D)	1,286	649	358	65	(D)	26	(D)	(D)	(D)	2,870	45	(D)	(D)	445	61
1,213	251	87	112	812	580	348	40	6	181	5	1,163	12	2,418	19	156	279	279	62
25,802	2,939	831	1,854	20,178	(D)	10,353	391	346	1,604	(D)	68,560	449	50,605	862	1,144	2,215	13,285	63
5,434	808	255	249															

Schedule of BEA News Releases in 2003

January	U.S. International Trade in Goods and Services, November 2002*	Jan. 17	8:30 a.m.
	State Personal Income, 3rd quarter 2002	Jan. 24	9:00 a.m.
	Gross Domestic Product, 4th quarter 2002 (advance)	Jan. 30	8:30 a.m.
	Personal Income and Outlays, December 2002	Jan. 31	8:30 a.m.
February	U.S. International Trade in Goods and Services, December 2002*	Feb. 20	8:30 a.m.
	Gross Domestic Product, 4th quarter 2002 (preliminary)	Feb. 28	8:30 a.m.
March	Personal Income and Outlays, January 2003	Mar. 3	8:30 a.m.
	U.S. International Trade in Goods and Services, January 2003*	Mar. 12	8:30 a.m.
	U.S. International Transactions, 4th quarter 2002	Mar. 14	8:30 a.m.
	Gross Domestic Product, 4th quarter 2002 (final) and Corporate Profits, 4th quarter 2002	Mar. 27	8:30 a.m.
	Personal Income and Outlays, February 2003	Mar. 28	8:30 a.m.
April	U.S. International Trade in Goods and Services, February 2003*	April 10	8:30 a.m.
	State Personal Income, 4th quarter 2002 and Per Capita Personal Income, 2002 (preliminary)	April 23	9:00 a.m.
	Gross Domestic Product, 1st quarter 2003 (advance)	April 25	8:30 a.m.
	Personal Income and Outlays, March 2003	April 28	8:30 a.m.
May	Local Area Personal Income, 1999–2001	May 6	9:00 a.m.
	U.S. International Trade in Goods and Services, March 2003*	May 13	8:30 a.m.
	Gross State Product by Industry, 1999–2001	May 22	9:00 a.m.
	Gross Domestic Product, 1st quarter 2003 (preliminary) and Corporate Profits, 1st quarter 2003 (preliminary)	May 29	8:30 a.m.
	Personal Income and Outlays, April 2003	May 30	8:30 a.m.
June	Foreign Investors' Spending to Acquire or Establish U.S. Businesses, 2002	June 3	10:00 a.m.
	U.S. International Trade in Goods and Services, April 2003*	June 13	8:30 a.m.
	U.S. International Transactions, 1st quarter 2003	June 19	8:30 a.m.
	Gross Domestic Product, 1st quarter 2003 (final) and Corporate Profits, 1st quarter 2003 (revised)	June 26	8:30 a.m.
	Personal Income and Outlays, May 2003	June 27	8:30 a.m.
	International Investment Position of the United States, 2002	June 30	10:00 a.m.
July	U.S. International Trade in Goods and Services, May 2003*	July 11	8:30 a.m.
	State Personal Income, 1st quarter 2003	July 23	9:00 a.m.
	Gross Domestic Product, 2nd quarter 2003 (advance)	July 31	8:30 a.m.
August	Personal Income and Outlays, June 2003	Aug. 1	8:30 a.m.
	U.S. International Trade in Goods and Services, June 2003*	Aug. 14	8:30 a.m.
	Gross Domestic Product, 2nd quarter 2003 (preliminary) and Corporate Profits, 2nd quarter 2003 (preliminary)	Aug. 28	8:30 a.m.
	Personal Income and Outlays, July 2003	Aug. 29	8:30 a.m.
September	U.S. International Trade in Goods and Services, July 2003*	Sept. 11	8:30 a.m.
	U.S. International Transactions, 2nd quarter 2003	Sept. 15	8:30 a.m.
	Gross Domestic Product, 2nd quarter 2003 (final) and Corporate Profits, 2nd quarter 2003 (revised)	Sept. 26	8:30 a.m.
	Personal Income and Outlays, August 2003	Sept. 29	8:30 a.m.
October	U.S. International Trade in Goods and Services, August 2003*	Oct. 10	8:30 a.m.
	State Personal Income, 2nd quarter 2003	Oct. 23	9:00 a.m.
	Gross Domestic Product, 3rd quarter 2003 (advance)	Oct. 30	8:30 a.m.
	Personal Income and Outlays, September 2003	Oct. 31	8:30 a.m.
November	U.S. International Trade in Goods and Services, September 2003*	Nov. 13	8:30 a.m.
	Gross Domestic Product, 3rd quarter 2003 (preliminary) and Corporate Profits, 3rd quarter 2003 (preliminary)	Nov. 25	8:30 a.m.
	Personal Income and Outlays, October 2003	Nov. 26	8:30 a.m.
December	U.S. International Trade in Goods and Services, October 2003*	Dec. 12	8:30 a.m.
	U.S. International Transactions, 3rd quarter 2003	Dec. 16	8:30 a.m.
	Gross Domestic Product, 3rd quarter 2003 (final) and Corporate Profits, 3rd quarter 2003 (revised)	Dec. 23	8:30 a.m.
	Personal Income and Outlays, November 2003	Dec. 23	8:30 a.m.

*Joint release by Bureau of the Census and the Bureau of Economic Analysis.

BEA Current and Historical Data

National, International, and Regional Data

This section presents an extensive selection of economic statistics prepared by the Bureau of Economic Analysis (BEA) and a brief selection of collateral statistics prepared by other Government agencies and private organizations. Series that originate in Government agencies are not copyrighted and may be reprinted freely. Series from private sources are provided through the courtesy of the compilers and are subject to their copyrights.

BEA's economic statistics are available on BEA's Web site at <www.bea.gov>. The site contains data, articles, news releases, and other information from BEA's national, industry, international, and regional programs.

The tables present annual [A], quarterly [Q], and monthly [M] data

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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 September 27, 2002 and include the "final" estimates for the second quarter of 2002. Also included are revised estimates of wages and salaries and affected income-side series for the first quarter of 2002. These revisions permit the early incorporation of seasonally adjusted quarterly information from comprehensive Bureau of Labor Statistics tabulations of wages and salaries of employees covered by State unemployment insurance. For additional information about this change in methodology, see Eugene P. Seskin and Stephanie McCulla, "Annual Revision of the National Income and Product Accounts," SURVEY OF CURRENT BUSINESS 82 (August 2002): 7-34.

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.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]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Gross domestic product	3.8	.3	-1.6	-.3	2.7	5.0	1.3
Personal consumption expenditures	4.4	2.5	1.4	1.5	6.0	3.1	1.8
Durable goods.....	8.2	6.0	5.3	4.6	33.6	-6.3	2.0
Nondurable goods.....	3.9	2.0	-.3	1.3	3.6	7.9	-.1
Services.....	3.8	2.0	1.5	.9	2.1	2.9	2.7
Gross private domestic investment	6.2	-10.7	-17.6	-5.2	-17.3	18.2	7.9
Fixed investment.....	6.1	-3.8	-11.1	-4.3	-8.9	-.5	-1.0
Nonresidential.....	7.8	-5.2	-14.5	-6.0	-10.9	-5.8	-2.4
Structures.....	6.5	-1.7	-8.4	2.9	-30.1	-14.2	-17.6
Equipment and software.....	8.2	-6.4	-16.7	-9.2	-2.5	-2.7	3.3
Residential.....	1.1	.3	-.5	.4	-3.5	14.2	2.7
Change in private inventories.....							
Net exports of goods and services							
Exports.....	9.7	-5.4	-12.4	-17.3	-9.6	3.5	14.3
Goods.....	11.3	-5.9	-16.1	-18.6	-7.9	-3.4	15.9
Services.....	6.0	-4.0	-2.5	-13.9	-13.8	21.7	10.7
Imports.....	13.2	-2.9	-6.8	-11.8	-5.3	8.5	22.2
Goods.....	13.5	-3.3	-9.4	-9.6	-3.3	3.7	27.9
Services.....	11.6	-.5	8.5	-23.2	-16.5	35.7	-2.1
Government consumption expenditures and gross investment	2.7	3.7	5.6	-1.1	10.5	5.6	1.4
Federal.....	1.3	4.8	6.0	1.2	13.5	7.4	7.5
National defense.....	-.1	5.0	2.7	4.6	14.3	11.6	7.8
Nondefense.....	3.6	4.5	12.0	-4.5	12.1	.4	6.9
State and local.....	3.5	3.1	5.4	-2.3	8.9	4.6	-1.7
Addenda:							
Final sales of domestic product.....	3.7	1.5	-.4	-.2	4.2	2.4	-.1
Gross domestic purchases..	4.4	.4	-1.1	-.1	2.9	5.6	2.6
Final sales to domestic purchasers.....	4.3	1.6	0	.1	4.3	3.0	1.3
Gross national product.....	3.7	-.2	-.8	-1.1	3.7	3.7	-.4
Disposable personal income	4.8	1.8	-.6	10.5	-7.6	14.5	3.6

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

	2000	2001	Seasonally adjusted at annual rates				
			2001		2002		
			II	III	IV	I	II
Percent change at annual rate:							
Gross domestic product	3.8	.3	-1.6	-.3	2.7	5.0	1.3
Percentage points at annual rates:							
Personal consumption expenditures	2.94	1.67	.92	.97	4.05	2.22	1.22
Durable goods.....	.65	.48	.42	.36	2.45	-.55	.16
Nondurable goods.....	.77	.39	-.07	.25	.73	1.57	-.02
Services.....	1.51	.80	.57	.35	.87	1.20	1.08
Gross private domestic investment	1.08	-1.90	-3.09	-.81	-2.88	2.53	1.16
Fixed investment.....	1.03	-.65	-1.95	-.72	-1.49	-.07	-.15
Nonresidential.....	.98	-.66	-1.93	-.73	-1.33	-.66	-.27
Structures.....	.20	-.05	-.29	.10	-1.12	-.44	-.53
Equipment and software.....	.78	-.61	-1.64	-.83	-.21	-.22	.26
Residential.....	.05	.01	-.02	.02	-.16	.60	.12
Change in private inventories.....	.06	-1.24	-1.14	-.09	-1.39	2.60	1.31
Net exports of goods and services	-.75	-.18	-.42	-.24	-.28	-.75	-1.40
Exports.....	1.04	-.59	-1.42	-1.94	-.99	.33	1.29
Goods.....	.85	-.47	-1.34	-1.49	-.56	-.23	.99
Services.....	.19	-.13	-.08	-.45	-.42	.56	.30
Imports.....	-1.79	.42	1.00	1.70	.70	-1.08	-2.69
Goods.....	-1.54	.40	1.18	1.17	.37	-.40	-2.74
Services.....	-.24	.01	-.18	.53	.33	-.68	.05
Government consumption expenditures and gross investment.....	.49	.65	1.00	-.21	1.85	1.04	.27
Federal.....	.08	.29	.36	.07	.80	.47	.47
National defense.....	.00	.19	.10	.18	.54	.46	.32
Nondefense.....	.08	.10	.25	-.11	.26	.01	.16
State and local.....	.41	.36	.64	-.28	1.05	.56	-.21

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]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Gross domestic product	9,824.6	10,082.2	10,049.9	10,097.7	10,152.9	10,313.1	10,376.9
Personal consumption expenditures	6,683.7	6,987.0	6,959.8	6,983.7	7,099.9	7,174.2	7,254.7
Durable goods	803.9	835.9	820.3	824.0	882.6	859.0	856.9
Nondurable goods	1,972.9	2,041.3	2,044.8	2,044.3	2,044.4	2,085.1	2,108.2
Services	3,906.9	4,109.9	4,094.7	4,115.4	4,172.9	4,230.1	4,289.5
Gross private domestic investment	1,755.4	1,586.0	1,597.2	1,574.9	1,500.7	1,559.4	1,588.0
Fixed investment	1,691.8	1,646.3	1,654.3	1,635.5	1,597.2	1,589.4	1,584.6
Nonresidential	1,265.8	1,201.6	1,210.0	1,188.1	1,149.8	1,126.8	1,115.8
Structures	314.2	324.5	329.9	332.0	302.3	288.3	275.2
Equipment and software	951.6	877.1	880.2	856.1	847.4	838.5	840.7
Residential	426.0	444.8	444.2	447.4	447.4	462.6	468.7
Change in private inventories	63.6	-60.3	-57.1	-60.6	-96.5	-29.9	3.4
Net exports of goods and services	-365.5	-348.9	-365.7	-312.6	-344.5	-360.1	-425.6
Exports	1,101.1	1,034.1	1,059.7	1,005.8	971.1	977.5	1,018.1
Goods	785.0	733.5	750.6	708.5	687.7	679.8	709.4
Services	316.1	300.6	309.1	297.3	283.4	297.7	308.8
Imports	1,466.6	1,383.0	1,425.3	1,318.4	1,315.6	1,337.5	1,443.7
Goods	1,243.1	1,167.2	1,189.9	1,140.6	1,098.3	1,102.3	1,202.9
Services	223.5	215.8	235.5	177.8	217.3	235.2	240.8
Government consumption expenditures and gross investment	1,751.0	1,858.0	1,858.5	1,851.7	1,896.8	1,939.5	1,959.8
Federal	589.2	628.1	624.8	627.4	646.9	672.0	688.2
National defense	374.9	399.9	395.2	400.3	412.8	431.7	442.1
Nondefense	214.3	228.2	229.6	227.2	234.1	240.3	246.1
State and local	1,161.8	1,229.9	1,233.7	1,224.3	1,249.8	1,267.5	1,271.6

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]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Gross domestic product ..	9,191.4	9,214.5	9,193.1	9,186.4	9,248.8	9,363.2	9,392.4
Personal consumption expenditures	6,223.9	6,377.2	6,348.0	6,370.9	6,464.0	6,513.8	6,542.4
Durable goods	878.9	931.9	912.4	922.6	992.0	975.9	980.7
Nondurable goods	1,833.8	1,869.8	1,862.3	1,868.3	1,885.0	1,921.4	1,920.9
Services	3,524.5	3,594.9	3,589.3	3,597.5	3,616.6	3,642.2	3,666.2
Gross private domestic investment	1,762.9	1,574.6	1,583.5	1,562.7	1,490.3	1,554.0	1,583.9
Fixed investment	1,691.9	1,627.4	1,633.5	1,615.7	1,578.4	1,576.4	1,572.6
Nonresidential	1,324.2	1,255.1	1,261.0	1,241.7	1,206.4	1,188.4	1,181.1
Structures	275.5	270.9	274.4	276.3	252.7	243.2	231.7
Equipment and software	1,056.0	988.2	989.9	966.4	960.3	953.7	961.4
Residential	372.4	373.5	374.0	374.3	371.0	383.6	386.1
Change in private inventories	65.0	-61.4	-58.3	-61.8	-98.4	-28.9	4.9
Net exports of goods and services	-398.8	-415.9	-414.8	-419.0	-425.3	-446.6	-487.4
Exports	1,137.2	1,076.1	1,098.8	1,048.0	1,021.8	1,030.6	1,065.5
Goods	834.7	785.2	800.1	760.0	744.6	738.1	765.8
Services	304.1	292.0	299.7	288.7	278.2	292.2	299.7
Imports	1,536.0	1,492.0	1,513.6	1,467.0	1,447.2	1,477.1	1,552.9
Goods	1,313.7	1,270.5	1,281.1	1,249.2	1,238.7	1,250.0	1,329.2
Services	223.6	222.4	233.5	218.6	208.9	225.5	224.3
Government consumption expenditures and gross investment	1,582.5	1,640.4	1,638.0	1,633.3	1,674.5	1,697.3	1,703.3
Federal	544.4	570.6	567.2	568.9	587.2	597.8	608.7
National defense	348.7	366.0	361.4	365.5	378.0	388.5	395.8
Nondefense	195.6	204.4	205.6	203.2	209.1	209.3	212.9
State and local	1,037.4	1,069.4	1,070.2	1,064.1	1,087.1	1,099.3	1,094.7
Residual	2.1	22.6	26.7	29.1	20.2	20.2	25.1

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]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Gross domestic product	9,824.6	10,082.2	10,049.9	10,097.7	10,152.9	10,313.1	10,376.9
Final sales of domestic product.....	9,761.1	10,142.5	10,107.0	10,158.3	10,249.4	10,343.0	10,373.5
Change in private inventories.....	63.6	-60.3	-57.1	-60.6	-96.5	-29.9	3.4
Goods	3,651.0	3,593.7	3,587.9	3,568.6	3,599.1	3,664.2	3,659.1
Final sales.....	3,587.4	3,654.0	3,645.0	3,629.2	3,695.5	3,694.1	3,655.7
Change in private inventories.....	63.6	-60.3	-57.1	-60.6	-96.5	-29.9	3.4
Durable goods.....	1,735.0	1,611.4	1,608.8	1,582.6	1,594.1	1,621.2	1,612.0
Final sales.....	1,690.9	1,676.4	1,671.5	1,647.9	1,689.1	1,641.5	1,616.8
Change in private inventories ¹	44.1	-65.0	-62.8	-65.2	-95.0	-20.3	-4.8
Nondurable goods.....	1,915.9	1,982.3	1,979.2	1,986.0	2,005.0	2,042.9	2,047.1
Final sales.....	1,896.5	1,977.6	1,973.5	1,981.3	2,006.4	2,052.6	2,038.9
Change in private inventories ¹	19.4	4.7	5.6	4.7	-1.5	-9.7	8.2
Services	5,259.2	5,535.1	5,497.4	5,579.4	5,613.1	5,696.6	5,781.5
Structures	914.5	953.3	964.6	949.7	940.7	952.3	936.3
Addenda:							
Motor vehicle output.....	335.4	312.0	307.9	315.6	327.7	331.8	334.7
Gross domestic product less motor vehicle output.....	9,489.3	9,770.2	9,741.9	9,782.1	9,825.2	9,981.3	10,042.1

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]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Gross domestic product	9,191.4	9,214.5	9,193.1	9,186.4	9,248.8	9,363.2	9,392.4
Final sales of domestic product.....	9,121.1	9,258.4	9,234.3	9,230.5	9,324.9	9,379.4	9,377.9
Change in private inventories.....	65.0	-61.4	-58.3	-61.8	-98.4	-28.9	4.9
Residual.....	5.3	17.5	17.1	17.7	22.3	12.7	9.6
Goods	3,674.3	3,589.9	3,574.1	3,560.3	3,598.2	3,670.8	3,674.4
Final sales.....	3,603.7	3,643.3	3,624.5	3,613.8	3,686.8	3,693.4	3,663.0
Change in private inventories.....	65.0	-61.4	-58.3	-61.8	-98.4	-28.9	4.9
Durable goods.....	1,870.4	1,754.9	1,750.4	1,727.0	1,741.7	1,781.1	1,784.6
Final sales.....	1,821.1	1,823.9	1,816.8	1,796.1	1,843.8	1,801.6	1,787.6
Change in private inventories ¹	46.0	-67.9	-65.7	-68.5	-99.3	-20.3	-4.4
Nondurable goods.....	1,813.2	1,834.2	1,823.5	1,830.5	1,853.1	1,886.8	1,887.2
Final sales.....	1,791.2	1,825.6	1,814.4	1,821.9	1,849.1	1,890.7	1,874.5
Change in private inventories ¹	19.5	4.8	5.1	4.9	-8	-8.8	9.0
Services	4,728.9	4,826.4	4,809.7	4,830.9	4,869.1	4,903.2	4,945.5
Structures	797.9	797.1	806.7	791.8	780.5	792.1	774.9
Residual.....	-13.2	4.6	6.1	9.3	6.4	4.7	5.3
Addenda:							
Motor vehicle output.....	336.5	315.9	312.2	320.2	332.6	340.5	347.2
Gross domestic product less motor vehicle output.....	8,854.8	8,896.6	8,878.5	8,864.5	8,915.7	9,022.6	9,045.9

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	9,824.6	10,082.2	10,049.9	10,097.7	10,152.9	10,313.1	10,376.9
Less: Exports of goods and services.....	1,101.1	1,034.1	1,059.7	1,005.8	971.1	977.5	1,018.1
Plus: Imports of goods and services.....	1,466.6	1,383.0	1,425.3	1,318.4	1,315.6	1,337.5	1,443.7
Equals: Gross domestic purchases	10,190.1	10,431.0	10,415.5	10,410.4	10,497.4	10,673.1	10,802.4
Less: Change in private inventories.....	63.6	-60.3	-57.1	-60.6	-96.5	-29.9	3.4
Equals: Final sales to domestic purchasers	10,126.6	10,491.4	10,472.6	10,470.9	10,593.9	10,703.1	10,799.0

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	9,191.4	9,214.5	9,193.1	9,186.4	9,248.8	9,363.2	9,392.4
Less: Exports of goods and services.....	1,137.2	1,076.1	1,098.8	1,048.0	1,021.8	1,030.6	1,065.5
Plus: Imports of goods and services.....	1,536.0	1,492.0	1,513.6	1,467.0	1,447.2	1,477.1	1,552.9
Equals: Gross domestic purchases	9,561.2	9,600.7	9,577.1	9,575.8	9,645.3	9,778.2	9,840.8
Less: Change in private inventories.....	65.0	-61.4	-58.3	-61.8	-98.4	-28.9	4.9
Equals: Final sales to domestic purchasers	9,490.7	9,644.9	9,618.7	9,620.3	9,722.3	9,794.4	9,826.0

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 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	9,824.6	10,082.2	10,049.9	10,097.7	10,152.9	10,313.1	10,376.9
Business ¹	8,311.4	8,482.7	8,459.5	8,484.6	8,525.2	8,656.2	8,700.1
Nonfarm ²	8,233.6	8,402.1	8,379.9	8,402.7	8,443.7	8,567.6	8,631.5
Nonfarm less housing.....	7,435.9	7,571.1	7,549.3	7,566.4	7,601.5	7,712.8	7,757.5
Housing.....	797.8	831.1	830.6	836.3	842.1	854.8	874.1
Farm.....	77.8	80.6	79.7	81.9	81.6	88.6	68.6
Households and institutions	431.1	459.6	457.7	465.1	466.6	472.5	481.4
Private households.....	13.6	11.9	12.3	11.6	10.7	10.5	10.7
Nonprofit institutions.....	417.5	447.7	445.3	453.5	455.9	462.0	470.8
General government ³	1,082.1	1,139.8	1,132.6	1,148.0	1,161.1	1,184.4	1,195.3
Federal.....	323.4	332.8	332.7	333.7	334.3	350.1	354.1
State and local.....	758.7	807.0	800.0	814.3	826.8	834.3	841.3

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	9,191.4	9,214.5	9,193.1	9,186.4	9,248.8	9,363.2	9,392.4
Business ¹	7,846.8	7,838.3	7,821.3	7,803.4	7,859.4	7,966.9	7,989.2
Nonfarm ²	7,729.2	7,724.7	7,710.8	7,693.9	7,739.2	7,849.1	7,876.8
Nonfarm less housing.....	7,019.1	7,012.9	6,994.0	6,980.8	7,032.2	7,140.4	7,157.0
Housing.....	711.0	712.6	717.1	713.5	708.3	710.9	721.0
Farm.....	120.5	114.3	109.5	108.3	124.4	119.8	110.8
Households and institutions	388.9	398.7	398.6	400.4	401.0	403.4	406.4
Private households.....	12.0	10.1	10.6	9.8	9.0	8.7	8.8
Nonprofit institutions.....	376.9	388.7	388.1	390.6	392.0	394.8	397.7
General government ³	958.6	978.5	974.3	982.9	988.9	994.3	998.1
Federal.....	289.4	291.3	291.1	291.6	292.0	294.3	296.0
State and local.....	669.0	687.0	683.0	691.0	696.5	699.7	701.7
Residual.....	-6.5	-2.4	-3	8	-5.6	-5.4	-6

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]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Gross domestic product	9,824.6	10,082.2	10,049.9	10,097.7	10,152.9	10,313.1	10,376.9
Plus: Income receipts from the rest of the world	383.4	316.9	332.5	302.0	269.0	264.7	276.0
Less: Income payments to the rest of the world	360.0	295.0	301.4	290.5	233.7	262.8	296.1
Equals: Gross national product	9,848.0	10,104.1	10,081.0	10,109.3	10,188.1	10,314.9	10,356.8
Less: Consumption of fixed capital	1,228.9	1,329.3	1,315.0	1,381.8	1,338.6	1,363.5	1,389.8
Private	1,018.0	1,106.8	1,095.0	1,153.8	1,114.4	1,136.9	1,161.2
Capital consumption allowances	1,037.1	1,168.4	1,091.2	1,180.3	1,331.9	1,324.0	1,322.0
Less: Capital consumption adjustment	19.1	61.6	-3.7	26.5	217.5	187.0	160.8
Government	210.9	222.4	220.0	227.9	224.2	226.5	228.6
General government	179.5	187.7	187.0	188.4	190.4	192.5	194.1
Government enterprises	31.5	34.8	33.1	39.6	33.8	34.0	34.4
Equals: Net national product	8,619.1	8,774.8	8,766.0	8,727.5	8,849.5	8,951.5	8,967.0
Less: Indirect business tax and nontax liability	753.6	774.8	775.9	772.7	779.9	786.2	795.1
Business transfer payments	43.7	42.5	42.5	42.6	42.8	43.8	43.9
Statistical discrepancy	-128.5	-117.3	-112.9	-117.8	-132.6	-110.0	-164.6
Plus: Subsidies less current surplus of government enterprises	34.1	47.3	49.7	59.1	37.5	37.0	35.1
Equals: National income	7,984.4	8,122.0	8,110.1	8,089.1	8,196.8	8,268.5	8,327.7
Less: Corporate profits with inventory valuation and capital consumption adjustments	788.1	731.6	721.4	687.2	811.4	797.6	785.0
Net interest	611.5	649.8	648.6	648.3	653.9	672.8	678.1
Contributions for social insurance	701.3	726.1	726.4	727.4	725.8	740.4	746.0
Wage accruals less disbursements	.0	.0	.0	.0	.0	.0	.0
Plus: Personal interest income	1,077.0	1,091.3	1,097.2	1,086.4	1,072.9	1,069.9	1,082.3
Personal dividend income	375.7	409.2	406.0	411.0	417.3	423.7	430.3
Government transfer payments to persons	1,037.3	1,151.0	1,126.0	1,148.9	1,171.0	1,217.4	1,247.7
Business transfer payments to persons	33.0	33.4	33.2	33.6	34.0	34.6	34.9
Equals: Personal income	8,406.6	8,685.3	8,676.2	8,706.2	8,700.9	8,803.4	8,913.7
Addenda:							
Gross domestic income	9,953.1	10,199.4	10,162.7	10,215.6	10,285.5	10,423.1	10,541.5
Gross national income	9,976.5	10,221.4	10,193.8	10,227.1	10,320.7	10,424.9	10,521.4
Net domestic product	8,595.7	8,752.9	8,734.8	8,716.0	8,814.3	8,949.6	8,987.0

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

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Gross domestic product	9,191.4	9,214.5	9,193.1	9,186.4	9,248.8	9,363.2	9,392.4
Plus: Income receipts from the rest of the world	359.0	292.0	306.0	278.1	247.4	242.8	251.8
Less: Income payments to the rest of the world	333.6	269.2	274.8	264.9	213.1	239.2	268.2
Equals: Gross national product	9,216.2	9,237.3	9,224.3	9,199.8	9,283.5	9,367.5	9,376.7
Less: Consumption of fixed capital	1,226.1	1,320.8	1,300.8	1,378.1	1,333.5	1,357.9	1,390.9
Private	1,024.0	1,110.7	1,093.0	1,163.0	1,122.2	1,144.8	1,176.2
Government	202.5	210.9	208.5	216.1	212.1	214.0	215.8
General government	173.3	179.2	178.4	179.9	181.5	183.2	184.7
Government enterprises	29.2	31.7	30.1	36.0	30.6	30.9	31.1
Equals: Net national product	7,994.4	7,928.1	7,933.7	7,838.8	7,961.1	8,022.0	8,001.6
Addenda:							
Gross domestic income ¹	9,311.6	9,321.7	9,296.3	9,293.6	9,369.5	9,463.1	9,541.4
Gross national income ²	9,336.4	9,344.5	9,327.6	9,307.1	9,404.2	9,467.4	9,525.7
Net domestic product	7,969.7	7,905.4	7,902.6	7,825.3	7,926.7	8,017.7	8,017.0

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	9,216.2	9,237.3	9,224.3	9,199.8	9,283.5	9,367.5	9,376.7
Less: Exports of goods and services and income receipts from the rest of the world	1,498.9	1,366.5	1,404.1	1,324.1	1,264.7	1,268.0	1,311.9
Plus: Command-basis exports of goods and services and income receipts from the rest of the world ¹	1,516.6	1,410.0	1,434.2	1,400.2	1,314.9	1,321.2	1,345.6
Equals: Command-basis gross national product	9,233.9	9,280.9	9,254.4	9,275.9	9,333.7	9,420.6	9,410.3
Addendum:							
Terms of trade ²	101.2	103.2	102.1	105.7	104.0	104.2	102.6

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.

Table 1.14. National Income by Type of Income
(Billions of dollars)

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
National income	7,984.4	8,122.0	8,110.1	8,089.1	8,196.8	8,268.5	8,327.7
Compensation of employees ..	5,723.4	5,874.9	5,879.3	5,880.4	5,860.9	5,908.4	5,963.5
Wage and salary accruals....	4,836.3	4,950.6	4,956.9	4,953.7	4,931.4	4,957.8	4,997.0
Government.....	768.9	810.8	805.8	817.1	825.2	840.4	848.4
Other.....	4,067.4	4,139.8	4,151.0	4,136.6	4,106.2	4,117.4	4,148.6
Supplements to wages and salaries.....	887.1	924.3	922.4	926.7	929.4	950.7	966.6
Employer contributions for social insurance.....	342.9	353.9	354.2	354.3	353.2	359.9	362.5
Other labor income.....	544.2	570.4	568.2	572.4	576.3	590.8	604.1
Proprietors' income with inventory valuation and capital consumption adjustments	714.8	727.9	726.6	732.4	731.3	748.4	747.5
Farm.....	22.6	19.0	18.4	19.3	19.2	21.7	7.5
Proprietors' income with inventory valuation adjustment.....	30.2	26.7	26.0	27.0	27.1	30.0	16.1
Capital consumption adjustment.....	-7.6	-7.7	-7.6	-7.7	-7.8	-8.2	-8.7
Nonfarm.....	692.2	708.8	708.2	713.1	712.1	726.7	740.0
Proprietors' income.....	621.2	621.6	634.7	628.8	594.1	612.5	626.9
Inventory valuation adjustment.....	-1.6	.9	-7	1.5	3.6	-2	-1.1
Capital consumption adjustment.....	72.6	86.3	74.2	82.8	114.3	114.4	114.2
Rental income of persons with capital consumption adjustment	146.6	137.9	134.3	140.8	139.3	141.3	153.5
Rental income of persons....	206.6	204.4	204.8	206.5	206.9	209.1	221.9
Capital consumption adjustment.....	-60.0	-66.5	-70.5	-65.6	-67.6	-67.8	-68.4
Corporate profits with inventory valuation and capital consumption adjustments	788.1	731.6	721.4	687.2	811.4	797.6	785.0
Corporate profits with inventory valuation adjustment.....	767.3	675.1	714.0	663.2	626.3	641.3	652.2
Profits before tax.....	782.3	670.2	720.2	654.3	599.1	639.4	657.9
Profits tax liability.....	259.4	199.3	213.1	196.2	170.6	202.4	213.7
Profits after tax.....	522.9	470.9	507.1	458.1	428.5	437.0	444.3
Dividends.....	376.1	409.6	406.5	411.4	417.7	424.2	430.8
Undistributed profits.....	146.8	61.2	100.7	46.7	10.8	12.8	13.5
Inventory valuation adjustment.....	-15.0	5.0	-6.2	8.9	27.2	1.9	-5.7
Capital consumption adjustment.....	20.8	56.5	7.3	23.9	185.1	156.3	132.8
Net interest	611.5	649.8	648.6	648.3	653.9	672.8	678.1
Addenda:							
Corporate profits after tax with inventory valuation and capital consumption adjustments.....	528.7	532.3	508.3	490.9	640.8	595.2	571.3
Net cash flow with inventory valuation and capital consumption adjustments.....	873.7	911.8	874.2	915.1	1,015.6	979.3	966.7
Undistributed profits with inventory valuation and capital consumption adjustments.....	152.6	122.7	101.9	79.5	223.0	171.0	140.5
Consumption of fixed capital.....	721.1	789.1	772.3	835.6	792.6	808.3	826.1
Less: Inventory valuation adjustment.....	-15.0	5.0	-6.2	8.9	27.2	1.9	-5.7
Equals: Net cash flow	888.7	906.8	880.3	906.2	988.4	977.4	972.4

Table 1.16. Gross Product of Corporate Business in Current Dollars and Gross Product of Nonfinancial Corporate Business in Current and Chained Dollars

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
			Billions of dollars				
Gross product of corporate business	6,049.4	6,117.5	6,102.9	6,107.2	6,153.4	6,249.2	6,320.0
Consumption of fixed capital ..	721.1	789.1	772.3	835.6	792.6	808.3	826.1
Net product.....	5,328.3	5,328.4	5,330.6	5,271.6	5,360.8	5,440.9	5,493.8
Indirect business tax and nontax liability plus business transfer payments less subsidies..	550.0	565.7	571.3	549.9	576.7	582.1	588.8
Domestic income.....	4,778.4	4,762.7	4,759.3	4,721.7	4,784.1	4,858.9	4,905.0
Compensation of employees.....	3,893.9	3,945.6	3,953.6	3,944.5	3,921.6	3,941.7	3,979.2
Wage and salary accruals.....	3,343.9	3,378.6	3,387.7	3,376.0	3,351.4	3,360.6	3,386.2
Supplements to wages and salaries.....	549.9	567.0	565.9	568.5	570.2	581.1	593.0
Corporate profits with inventory valuation and capital consumption adjustments.....	644.8	580.9	560.9	545.3	646.7	665.6	669.9
Profits before tax.....	639.0	519.4	559.8	512.5	434.4	507.4	542.9
Profits tax liability.....	259.4	199.3	213.1	196.2	170.6	202.4	213.7
Profits after tax.....	379.6	320.1	346.7	316.3	263.8	305.0	329.2
Dividends.....	349.5	383.1	369.2	390.2	391.9	402.8	385.1
Undistributed profits.....	30.1	-63.0	-22.5	-73.9	-128.1	-97.9	-56.0
Inventory valuation adjustment.....	-15.0	5.0	-6.2	8.9	27.2	1.9	-5.7
Capital consumption adjustment.....	20.8	56.5	7.3	23.9	185.1	156.3	132.8
Net interest.....	239.7	236.3	244.8	231.8	215.8	251.6	255.8
Gross product of financial corporate business	754.4	763.3	762.1	741.5	761.8	825.5	831.3
Gross product of nonfinancial corporate business	5,295.0	5,354.2	5,340.9	5,365.7	5,391.6	5,423.8	5,488.7
Consumption of fixed capital ..	599.4	652.8	641.6	684.9	657.0	670.7	685.1
Net product.....	4,695.6	4,701.4	4,699.3	4,680.8	4,734.6	4,753.1	4,803.6
Indirect business tax and nontax liability plus business transfer payments less subsidies..	508.9	523.7	529.3	508.0	534.3	539.3	545.6
Domestic income.....	4,186.6	4,177.7	4,170.0	4,172.8	4,200.3	4,213.9	4,258.0
Compensation of employees.....	3,542.1	3,573.5	3,580.7	3,572.5	3,551.8	3,570.1	3,604.1
Wage and salary accruals.....	3,040.1	3,056.4	3,064.7	3,054.1	3,031.8	3,040.2	3,063.3
Supplements to wages and salaries.....	502.0	517.1	516.0	518.4	520.0	529.9	540.8
Corporate profits with inventory valuation and capital consumption adjustments.....	461.8	407.4	321.1	403.0	449.0	452.4	459.3
Profits before tax.....	437.9	328.8	368.2	349.8	234.3	289.2	324.4
Profits tax liability.....	172.4	123.5	136.2	129.4	94.0	119.8	130.8
Profits after tax.....	265.5	205.3	232.0	220.4	140.3	169.5	193.6
Dividends.....	259.6	278.5	268.3	283.8	285.2	293.1	280.2
Undistributed profits.....	5.9	-73.2	-36.3	-63.4	-144.9	-123.6	-86.6
Inventory valuation adjustment.....	-15.0	5.0	-6.2	8.9	27.2	1.9	-5.7
Capital consumption adjustment.....	38.8	73.6	31.1	44.3	187.4	161.3	140.6
Net interest.....	182.7	196.8	196.1	197.3	199.5	191.4	194.6
			Billions of chained (1996) dollars				
Gross product of nonfinancial corporate business ¹	5,075.7	5,048.7	5,032.2	5,029.0	5,096.1	5,137.1	5,203.5
Consumption of fixed capital ²	616.7	671.9	659.3	702.9	681.0	695.2	715.4
Net product ³	4,459.0	4,376.8	4,372.9	4,326.1	4,415.1	4,441.9	4,488.1

1. Effective with the estimates scheduled for release on November 26, 2002, chained-dollar gross product of nonfinancial corporate business for 1999 to 2002 will be revised to reflect revisions to the gross product price indexes for nonfinancial industries.

2. Chained-dollar consumption of fixed capital of nonfinancial corporate business is calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100.

3. Chained-dollar net product of nonfinancial corporate business is the difference between the gross product and the consumption of fixed capital.

2. Personal Income and Outlays

Table 2.1. Personal Income and Its Disposition
(Billions of dollars)

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Personal income	8,406.6	8,685.3	8,676.2	8,706.2	8,700.9	8,803.4	8,913.7
Wage and salary disbursements	4,836.3	4,950.6	4,956.8	4,953.7	4,931.4	4,957.8	4,997.0
Private industries.....	4,067.4	4,139.8	4,151.0	4,136.6	4,106.2	4,117.4	4,148.6
Goods-producing industries.....	1,163.7	1,142.4	1,150.0	1,140.0	1,123.3	1,116.9	1,118.9
Manufacturing.....	829.4	789.4	797.1	783.4	769.9	759.4	761.5
Distributive industries..	1,094.8	1,109.2	1,112.3	1,110.8	1,098.6	1,110.1	1,119.3
Service industries.....	1,808.9	1,888.2	1,888.8	1,885.8	1,884.3	1,890.4	1,910.5
Government.....	768.9	810.8	805.8	817.1	825.2	840.4	848.4
Other labor income	544.2	570.4	568.2	572.4	576.3	590.8	604.1
Proprietors' income with inventory valuation and capital consumption adjustments	714.8	727.9	726.6	732.4	731.3	748.4	747.5
Farm.....	22.6	19.0	18.4	19.3	19.2	21.7	7.5
Nonfarm.....	692.2	708.8	708.2	713.1	712.1	726.7	740.0
Rental income of persons with capital consumption adjustment	146.6	137.9	134.3	140.8	139.3	141.3	153.5
Personal dividend income	375.7	409.2	406.0	411.0	417.3	423.7	430.3
Personal interest income	1,077.0	1,091.3	1,097.2	1,086.4	1,072.9	1,069.9	1,082.3
Transfer payments to persons	1,070.3	1,170.4	1,159.1	1,182.5	1,205.0	1,252.0	1,282.6
Old-age, survivors, disability, and health insurance benefits.....	617.2	664.3	660.2	670.1	674.0	690.2	696.3
Government unemployment insurance benefits.....	20.5	31.9	29.2	33.1	41.0	52.3	67.3
Veterans benefits.....	25.1	26.7	26.4	26.7	27.7	28.5	29.3
Other transfer payments..	407.4	447.6	443.3	452.6	462.4	481.0	489.8
Family assistance ¹	18.3	19.2	19.2	19.3	19.4	19.3	19.3
Other.....	389.2	428.3	424.1	433.3	443.0	461.7	470.4
Less: Personal contributions for social insurance	358.4	372.3	372.2	373.1	372.7	380.5	383.5
Less: Personal tax and nontax payments	1,286.4	1,292.1	1,336.1	1,181.9	1,309.7	1,136.8	1,127.2
Equals: Disposable personal income	7,120.2	7,393.2	7,340.0	7,524.2	7,391.2	7,666.7	7,786.6
Less: Personal outlays	6,918.6	7,223.5	7,198.5	7,222.0	7,329.6	7,396.3	7,477.9
Personal consumption expenditures.....	6,683.7	6,987.0	6,959.8	6,983.7	7,099.9	7,174.2	7,254.7
Interest paid by persons.....	205.4	205.4	207.7	206.5	199.1	190.6	191.3
Personal transfer payments to the rest of the world (net).....	29.5	31.1	30.9	31.8	30.6	31.5	31.9
Equals: Personal saving	201.5	169.7	141.5	302.2	61.5	270.4	308.7
Addenda:							
Disposable personal income: Total, billions of chained (1996) dollars ²	6,630.3	6,748.0	6,694.8	6,864.0	6,729.1	6,961.0	7,022.1
Per capita:							
Current dollars.....	25,205	25,859	25,717	26,275	25,729	26,616	26,953
Chained (1996) dollars.....	23,471	23,602	23,456	23,970	23,424	24,166	24,307
Population (mid-period, millions).....	282.5	285.9	285.4	286.4	287.3	288.1	288.9
Personal saving as a percentage of disposable personal income	2.8	2.3	1.9	4.0	.8	3.5	4.0

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)

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Personal consumption expenditures	6,683.7	6,987.0	6,959.8	6,983.7	7,099.9	7,174.2	7,254.7
Durable goods	803.9	835.9	820.3	824.0	882.6	859.0	856.9
Motor vehicles and parts.....	336.6	361.3	349.0	351.0	399.5	365.8	362.1
Furniture and household equipment.....	304.8	306.1	303.9	304.9	311.5	317.1	319.1
Other.....	162.4	168.4	167.5	168.1	171.5	176.1	175.8
Nondurable goods	1,972.9	2,041.3	2,044.8	2,044.3	2,044.4	2,085.1	2,108.2
Food.....	955.0	992.4	988.7	993.8	1,002.8	1,025.0	1,023.9
Clothing and shoes.....	313.7	315.3	313.6	312.1	317.4	325.8	323.9
Gasoline, fuel oil, and other energy goods.....	182.5	178.6	191.7	179.3	156.7	156.2	174.7
Gasoline and oil.....	164.4	162.1	175.4	163.6	142.2	142.3	160.7
Fuel oil and coal.....	18.1	16.5	16.2	15.7	14.5	13.9	14.0
Other.....	521.8	555.0	550.8	559.2	567.5	578.0	585.6
Services	3,906.9	4,109.9	4,094.7	4,115.4	4,172.9	4,230.1	4,289.5
Housing.....	960.0	1,014.5	1,007.9	1,021.1	1,035.5	1,051.7	1,066.0
Household operation.....	386.2	406.3	406.7	404.8	396.9	399.2	400.9
Electricity and gas.....	142.4	154.5	155.8	151.8	143.1	143.9	144.9
Other household operation.....	243.9	251.8	250.9	253.0	253.8	255.4	256.1
Transportation.....	267.8	271.4	273.2	270.1	269.0	273.3	275.6
Medical care.....	991.8	1,072.2	1,064.2	1,079.0	1,103.1	1,119.0	1,139.3
Recreation.....	255.5	271.9	271.2	271.7	276.6	279.0	283.8
Other.....	1,045.5	1,073.6	1,071.4	1,068.8	1,091.8	1,107.8	1,123.8
Addenda:							
Energy goods and services ¹	324.8	333.0	347.5	331.0	299.8	300.1	319.6
Personal consumption expenditures less food and energy.....	5,403.9	5,661.6	5,623.7	5,658.9	5,797.3	5,849.1	5,911.1

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)

Personal consumption expenditures	6,223.9	6,377.2	6,348.0	6,370.9	6,464.0	6,513.8	6,542.4
Durable goods	878.9	931.9	912.4	922.6	992.0	975.9	980.7
Motor vehicles and parts.....	338.4	361.9	349.5	352.8	400.4	370.0	369.1
Furniture and household equipment.....	374.0	398.0	392.8	399.5	413.6	428.2	435.2
Other.....	169.6	175.3	174.2	175.0	178.9	184.2	184.1
Nondurable goods	1,833.8	1,869.8	1,862.3	1,868.3	1,885.0	1,921.4	1,920.9
Food.....	879.0	887.0	887.4	884.3	887.1	901.4	899.2
Clothing and shoes.....	329.4	337.7	334.7	337.1	344.8	355.8	355.1
Gasoline, fuel oil, and other energy goods.....	149.7	151.2	148.3	151.9	153.4	157.2	156.5
Gasoline and oil.....	135.7	138.8	136.2	139.9	141.4	145.1	144.7
Fuel oil and coal.....	14.0	12.6	12.3	12.2	12.2	12.4	12.1
Other.....	477.0	495.5	493.5	496.5	502.0	510.1	513.1
Services	3,524.5	3,594.9	3,599.3	3,597.5	3,616.6	3,642.2	3,666.2
Housing.....	851.3	865.0	865.1	867.1	869.6	874.0	878.5
Household operation.....	377.8	382.6	381.5	381.9	377.7	381.3	382.9
Electricity and gas.....	137.0	134.5	133.0	132.4	130.2	133.5	133.6
Other household operation.....	240.5	248.2	248.9	249.9	247.8	248.0	249.5
Transportation.....	253.0	251.1	252.5	250.0	248.6	250.9	250.3
Medical care.....	900.1	938.3	932.7	944.3	954.9	963.4	974.7
Recreation.....	226.5	233.2	233.1	232.1	234.8	235.6	237.1
Other.....	915.1	922.7	923.5	921.0	929.2	935.3	941.0
Residual	-16.7	-23.6	-21.4	-23.2	-31.5	-34.1	-34.9
Addenda:							
Energy goods and services ¹	286.4	285.6	281.1	284.3	283.6	290.7	290.1
Personal consumption expenditures less food and energy.....	5,057.5	5,204.5	5,179.7	5,202.4	5,293.6	5,322.1	5,353.5

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]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Current receipts	3,000.6	2,992.3	3,051.4	2,878.2	2,986.1	2,865.7	2,882.0
Personal tax and nontax receipts.....	1,286.4	1,292.1	1,336.1	1,181.9	1,309.7	1,136.8	1,127.2
Corporate profits tax accruals.....	259.4	199.3	213.1	196.2	170.6	202.4	213.7
Indirect business tax and nontax accruals.....	753.6	774.8	775.9	772.7	779.9	786.2	795.1
Contributions for social insurance.....	701.3	726.1	726.4	727.4	725.8	740.4	746.0
Current expenditures	2,775.8	2,951.6	2,939.3	2,976.1	2,994.9	3,067.3	3,117.4
Consumption expenditures.....	1,431.2	1,522.2	1,515.5	1,528.0	1,551.8	1,584.0	1,611.6
Transfer payments (net).....	1,050.8	1,146.6	1,133.7	1,157.8	1,186.3	1,240.2	1,258.3
To persons.....	1,037.3	1,137.0	1,126.0	1,148.9	1,171.0	1,217.4	1,247.7
To the rest of the world (net).....	13.6	9.6	7.7	8.9	15.3	22.8	10.6
Net interest paid.....	260.1	236.0	240.9	231.6	219.9	206.6	212.8
Interest paid.....	363.6	341.1	345.4	336.8	326.1	312.7	319.5
To persons and business.....	280.6	260.4	263.0	257.8	250.2	238.7	244.9
To the rest of the world.....	83.0	80.7	82.4	79.0	75.9	74.0	74.7
Less: Interest received by government.....	103.5	105.1	104.5	105.2	106.2	106.2	106.7
Less: Dividends received by government.....	4	4	4	4	4	4	5
Subsidies less current surplus of government enterprises.....	34.1	47.3	49.7	59.1	37.5	37.0	35.1
Subsidies.....	44.1	55.3	57.2	66.6	46.1	46.4	46.0
Less: Current surplus of government enterprises.....	10.1	8.0	7.5	7.5	8.6	9.4	11.0
Less: Wage accruals less disbursements.....	.0	.0	.0	.0	.0	.0	.0
Current surplus or deficit (-), national income and product accounts	224.8	40.7	112.1	-97.9	-8.9	-201.6	-235.4
Social insurance funds.....	118.4	93.2	99.5	88.4	76.3	63.9	49.6
Other.....	106.4	-52.5	12.7	-186.3	-85.1	-265.5	-284.9
Addenda:							
Net lending or net borrowing (-).....	142.2	-46.9	16.2	-171.9	-105.6	-305.6	-336.0
Current surplus or deficit (-), national income and product accounts.....	224.8	40.7	112.1	-97.9	-8.9	-201.6	-235.4
Plus: Consumption of fixed capital.....	210.9	222.4	220.0	227.9	224.2	226.5	228.6
Plus: Capital transfers received (net).....	35.9	35.4	35.9	34.4	34.7	35.8	29.7
Less: Gross investment.....	319.8	335.8	343.0	323.7	345.0	355.5	348.2
Less: Net purchases of nonproduced assets.....	9.6	9.6	8.9	12.6	10.6	10.8	10.6

Table 3.2. Federal Government Current Receipts and Expenditures
[Billions of dollars]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Current receipts	2,033.9	2,008.4	2,072.3	1,896.0	1,992.3	1,884.7	1,889.0
Personal tax and nontax receipts.....	1,009.0	1,010.9	1,059.8	900.4	1,025.5	874.8	861.9
Income taxes.....	999.0	1,000.3	1,049.1	889.8	1,015.1	864.8	852.3
Nontaxes.....	10.0	10.6	10.7	10.6	10.4	10.0	9.6
Corporate profits tax accruals.....	223.8	170.2	183.2	168.0	142.9	170.5	180.2
Federal Reserve banks.....	25.3	27.1	28.0	26.6	24.3	22.7	23.2
Other.....	198.5	143.2	155.2	141.4	118.6	147.8	157.0
Indirect business tax and nontax accruals.....	109.1	110.3	112.2	109.5	107.3	108.4	110.2
Excise taxes.....	67.3	66.3	67.7	65.9	64.9	68.4	69.9
Customs duties.....	21.1	20.6	20.7	19.9	19.9	18.8	19.4
Nontaxes.....	20.7	23.4	23.8	23.6	22.5	21.2	20.9
Contributions for social insurance.....	692.1	716.9	717.1	718.1	716.6	731.1	736.7
Current expenditures	1,827.1	1,936.4	1,927.8	1,947.7	1,971.0	2,030.5	2,079.3
Consumption expenditures.....	493.3	528.4	524.9	527.9	543.6	566.3	581.0
Transfer payments (net).....	779.5	842.2	832.2	849.3	870.9	916.9	927.6
To persons.....	765.9	832.6	824.5	840.4	855.6	894.1	917.0
To the rest of the world (net).....	13.6	9.6	7.7	8.9	15.3	22.8	10.6
Grants-in-aid to State and local governments.....	247.5	277.4	281.9	271.4	289.4	292.3	309.6
Net interest paid.....	263.0	238.1	243.1	233.6	221.6	208.5	214.9
Interest paid.....	282.2	257.8	262.3	253.3	242.1	228.3	234.6
To persons and business.....	199.2	177.2	180.0	174.3	166.2	154.2	159.9
To the rest of the world.....	83.0	80.7	82.4	79.0	75.9	74.0	74.7
Less: Interest received by government.....	19.3	19.7	19.2	19.7	20.5	19.8	19.7
Subsidies less current surplus of government enterprises..	43.8	50.3	45.6	65.5	45.5	46.6	46.3
Subsidies.....	43.7	47.5	42.1	62.3	43.1	44.9	45.5
Less: Current surplus of government enterprises.....	-1	-2.8	-3.6	-3.1	-2.4	-1.7	-7
Less: Wage accruals less disbursements.....	0	0	0	0	0	0	0
Current surplus or deficit (-), national income and product accounts..	206.9	72.0	144.4	-51.7	21.3	-145.8	-190.3
Social insurance funds.....	118.3	93.3	99.6	88.5	76.4	64.1	49.7
Other.....	88.6	-21.3	44.9	-140.2	-55.1	-209.9	-240.0
Addenda:							
Net lending or net borrowing (-).....	199.2	58.9	131.7	-69.3	3.3	-169.5	-217.9
Current surplus or deficit (-), national income and product accounts.....	206.9	72.0	144.4	-51.7	21.3	-145.8	-190.3
Plus: Consumption of fixed capital.....	95.9	98.7	98.6	99.0	99.7	100.6	101.3
Plus: Capital transfers received (net).....	-8.0	-12.9	-12.8	-14.7	-14.3	-18.3	-21.8
Less: Gross investment... ..	95.9	99.7	99.8	99.5	103.4	105.7	107.1
Less: Net purchases of nonproduced assets.....	-3	-7	-1.3	2.3	.1	.2	-1

Table 3.3. State and Local Government Current Receipts and Expenditures
[Billions of dollars]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Current receipts	1,214.2	1,261.3	1,261.1	1,253.6	1,283.2	1,273.3	1,302.5
Personal tax and nontax receipts.....	277.5	281.2	276.3	281.6	284.3	262.0	265.2
Income taxes.....	218.1	218.7	214.2	218.7	220.5	197.4	199.8
Nontaxes.....	39.0	41.9	41.5	42.3	43.1	43.9	44.7
Other.....	20.4	20.6	20.6	20.6	20.7	20.7	20.7
Corporate profits tax accruals.....	35.6	29.1	29.9	28.2	27.7	32.0	33.5
Indirect business tax and nontax accruals.....	644.5	664.4	663.8	663.2	672.5	677.8	684.9
Sales taxes.....	314.3	321.2	320.7	319.4	326.0	327.4	330.6
Property taxes.....	248.1	257.4	256.2	258.6	261.0	263.5	265.9
Other.....	82.1	85.8	86.8	85.2	85.6	86.9	88.3
Contributions for social insurance.....	9.2	9.2	9.2	9.3	9.2	9.3	9.4
Federal grants-in-aid.....	247.5	277.4	281.9	271.4	289.4	292.3	309.6
Current expenditures	1,196.2	1,292.6	1,293.4	1,299.8	1,313.3	1,329.1	1,347.6
Consumption expenditures.....	937.9	993.7	990.6	1,000.1	1,008.2	1,017.7	1,030.6
Transfer payments to persons.....	271.3	304.4	301.5	308.5	315.4	323.4	330.7
Net interest paid.....	-2.8	-2.1	-2.2	-2.0	-1.8	-1.9	-2.0
Interest paid.....	81.4	83.3	83.0	83.5	84.0	84.5	84.9
Less: Interest received by government.....	84.2	85.4	85.3	85.5	85.7	86.4	87.0
Less: Dividends received by government.....	.4	.4	.4	.4	.4	.4	.5
Subsidies less current surplus of government enterprises..	-9.7	-3.1	4.1	-6.4	-8.1	-9.6	-11.2
Subsidies.....	.4	7.8	15.1	4.3	2.9	1.4	.5
Less: Current surplus of government enterprises.....	10.2	10.9	11.1	10.6	11.0	11.0	11.7
Less: Wage accruals less disbursements.....	0	0	0	0	0	0	0
Current surplus or deficit (-), national income and product accounts..	18.0	-31.3	-32.3	-46.2	-30.2	-55.8	-45.1
Social insurance funds.....	.1	-1	-1	-1	-2	-2	-1
Other.....	17.8	-31.2	-32.2	-46.1	-30.0	-55.6	-45.0
Addenda:							
Net lending or net borrowing (-).....	-56.9	-105.8	-115.5	-102.7	-108.8	-136.1	-118.1
Current surplus or deficit (-), national income and product accounts.....	18.0	-31.3	-32.3	-46.2	-30.2	-55.8	-45.1
Plus: Consumption of fixed capital.....	115.0	123.7	121.5	128.9	124.5	125.9	127.3
Plus: Capital transfers received (net).....	43.9	48.3	48.7	49.2	49.0	54.1	51.5
Less: Gross investment... ..	223.9	236.2	243.2	224.2	241.7	249.7	241.1
Less: Net purchases of nonproduced assets.....	9.9	10.3	10.2	10.3	10.5	10.6	10.7

Table 3.7. Government Consumption Expenditures and Gross Investment by Type
[Billions of dollars]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Government consumption expenditures and gross investment¹	1,751.0	1,858.0	1,858.5	1,851.7	1,896.8	1,939.5	1,959.8
Federal	589.2	628.1	624.8	627.4	646.9	672.0	688.2
National defense	374.9	399.9	395.2	400.3	412.8	431.7	442.1
Consumption expenditures	321.4	344.5	340.0	343.4	356.0	372.1	382.5
Durable goods ²	22.5	24.2	24.2	26.1	24.0	24.7	24.9
Nondurable goods	10.4	10.5	10.7	10.5	11.3	10.9	11.7
Services	288.5	309.8	305.2	306.7	320.7	336.5	345.9
Compensation of general government employees, except own-account investment ³	138.3	143.7	143.8	143.9	143.9	152.7	155.0
Consumption of general government fixed capital ⁴	63.6	63.5	63.6	63.5	63.6	63.8	64.0
Other services	86.7	102.5	97.8	99.3	113.2	120.0	127.0
Gross investment	53.5	55.5	55.2	56.9	56.8	59.7	59.6
Structures	5.3	5.4	5.5	5.0	5.7	5.1	5.4
Equipment and software	48.2	50.0	49.7	51.9	51.1	54.6	54.2
Nondefense	214.3	228.2	229.6	227.2	234.1	240.3	246.1
Consumption expenditures	171.9	184.0	184.9	184.5	187.5	194.2	198.6
Durable goods ²	1.2	1.3	1.3	1.3	1.4	1.4	1.4
Nondurable goods	6.4	8.7	10.3	8.0	8.2	8.6	10.1
Commodity Credit Corporation inventory change	.8	.8	2.7	.0	.0	-.2	.3
Other nondurables	5.6	7.9	7.7	8.0	8.3	8.8	9.8
Services	164.4	174.0	173.3	175.3	177.9	184.3	187.1
Compensation of general government employees, except own-account investment ³	93.6	95.2	95.1	95.7	95.6	101.7	102.7
Consumption of general government fixed capital ⁴	26.4	28.7	28.5	29.0	29.5	30.0	30.5
Other services	44.4	50.1	49.7	50.6	52.8	52.6	53.9
Gross investment	42.4	44.2	44.6	42.6	46.6	46.1	47.5
Structures	10.8	10.4	9.6	9.8	11.6	13.3	12.1
Equipment and software	31.6	33.8	35.0	32.8	35.0	32.8	35.4
State and local	1,161.8	1,229.9	1,233.7	1,224.3	1,249.8	1,267.5	1,271.6
Consumption expenditures	937.9	993.7	990.6	1,000.1	1,008.2	1,017.7	1,030.6
Durable goods ²	17.1	18.3	18.2	18.4	18.8	19.1	19.3
Nondurable goods	114.0	118.7	121.8	119.1	113.9	115.3	120.2
Services	806.8	856.7	850.6	862.5	875.5	883.3	891.1
Compensation of general government employees, except own-account investment ³	660.8	700.4	693.8	707.3	718.1	723.9	730.1
Consumption of general government fixed capital ⁴	89.5	95.4	94.9	95.9	97.3	98.6	99.6
Other services	56.5	60.9	61.9	59.4	60.1	60.8	61.3
Gross investment	223.9	236.2	243.2	224.2	241.7	249.7	241.1
Structures	167.4	177.6	184.6	164.8	183.1	192.5	184.4
Equipment and software	56.5	58.6	58.6	59.4	58.6	57.2	56.6
Addenda:							
Compensation of general government employees ⁵	902.6	952.1	945.6	959.6	970.7	991.9	1,001.2
Federal	233.4	240.5	240.5	241.2	241.2	256.2	259.6
State and local ⁵	669.2	711.6	705.1	718.4	729.5	735.7	741.6

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.
 5. Beginning with 2001, in accordance with the Consolidated Appropriations Act of 2001, includes compensation of employees of Indian tribal governments reclassified from the private sector.

Table 3.8. Real Government Consumption Expenditures and Gross Investment by Type
[Billions of chained (1996) dollars]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Government consumption expenditures and gross investment¹	1,582.5	1,640.4	1,638.0	1,633.3	1,674.5	1,697.3	1,703.3
Federal	544.4	570.6	567.2	568.9	587.2	597.8	608.7
National defense	348.7	366.0	361.4	365.5	378.0	388.5	395.8
Consumption expenditures	294.1	308.9	304.9	307.2	319.1	326.7	333.9
Durable goods ²	22.7	24.3	24.3	26.3	24.2	24.8	24.9
Nondurable goods	9.4	9.9	9.8	9.8	11.3	11.5	11.7
Services	262.4	275.1	271.1	271.7	284.0	290.7	297.6
Compensation of general government employees, except own-account investment ³	120.5	121.2	121.2	121.0	121.3	122.4	123.8
Consumption of general government fixed capital ⁴	62.5	62.4	62.4	62.4	62.4	62.4	62.5
Other services	79.6	91.7	87.8	88.5	100.6	106.2	111.6
Gross investment	54.8	57.3	56.8	58.7	59.0	62.2	62.2
Structures	4.6	4.6	4.6	4.2	4.7	4.2	4.5
Equipment and software	50.4	53.0	52.4	54.9	54.6	58.5	58.2
Nondefense	195.6	204.4	205.6	203.2	209.1	209.3	212.9
Consumption expenditures	153.7	161.1	162.0	161.3	163.7	164.3	166.5
Durable goods ²	1.4	1.5	1.5	1.5	1.6	1.7	1.7
Nondurable goods	6.8	8.9	12.1	7.3	7.8	7.8	9.6
Commodity Credit Corporation inventory change	1.6	1.7	5.2	.0	.0	-.4	.8
Other nondurables	5.2	7.2	6.9	7.4	7.8	8.3	8.8
Services	146.3	151.6	151.2	152.5	154.4	154.6	155.8
Compensation of general government employees, except own-account investment ³	79.4	79.0	78.9	79.2	79.0	79.4	79.2
Consumption of general government fixed capital ⁴	26.1	28.0	27.8	28.3	28.8	29.3	29.8
Other services	41.2	45.4	45.2	45.8	47.6	47.0	47.9
Gross investment	42.3	43.6	44.0	42.1	45.9	45.4	47.0
Structures	9.5	8.9	8.3	8.4	9.9	11.3	10.2
Equipment and software	33.3	35.4	36.5	34.4	36.6	34.4	37.3
State and local	1,037.4	1,069.4	1,070.2	1,064.1	1,087.1	1,099.3	1,094.7
Consumption expenditures	831.1	856.8	851.4	861.8	870.7	875.9	879.4
Durable goods ²	17.2	18.3	18.1	18.4	18.7	19.0	19.2
Nondurable goods	103.0	108.7	108.2	109.3	110.7	111.8	112.6
Services	712.0	731.1	726.4	735.5	742.7	746.6	749.2
Compensation of general government employees, except own-account investment ³	577.6	589.6	586.0	593.2	597.6	599.4	600.8
Consumption of general government fixed capital ⁴	84.6	88.7	88.1	89.2	90.2	91.4	92.2
Other services	49.9	53.2	52.5	53.4	55.3	56.5	56.8
Gross investment	206.5	212.8	219.3	202.0	216.5	223.7	215.3
Structures	145.2	148.6	154.9	137.9	151.7	159.4	151.9
Equipment and software	62.7	65.9	65.7	66.7	66.4	65.0	64.6
Residual	-5.1	-6.8	-8.3	-6.9	-6.5	-6.2	-7.7
Addenda:							
Compensation of general government employees ⁵	786.2	800.5	797.0	804.2	808.7	812.4	814.8
Federal	201.4	201.6	201.6	201.7	203.4	203.4	204.5
State and local ⁵	584.9	598.9	595.5	602.5	607.0	609.1	610.3

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]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
National defense consumption expenditures and gross investment¹	374.9	399.9	395.2	400.3	412.8	431.7	442.1
Consumption expenditures	321.4	344.5	340.0	343.4	356.0	372.1	382.5
Durable goods ²	22.5	24.2	24.2	26.1	24.0	24.7	24.9
Aircraft	10.2	11.2	10.8	12.5	11.4	11.1	11.3
Missiles	2.3	2.5	2.6	2.5	2.1	2.6	2.5
Ships	1.3	1.2	1.3	1.3	1.1	1.3	1.3
Vehicles	.8	1.0	1.0	1.1	1.0	1.0	1.1
Electronics	2.9	3.0	2.9	3.1	3.1	3.1	3.2
Other durable goods	5.0	5.3	5.5	5.6	5.3	5.6	5.5
Nondurable goods	10.4	10.5	10.7	10.5	11.3	10.9	11.7
Petroleum products	4.1	4.0	4.1	4.3	3.6	3.8	4.3
Ammunition	1.7	2.1	2.1	2.2	2.1	2.4	2.6
Other nondurable goods	4.6	4.4	4.5	4.0	5.6	4.7	4.8
Services	288.5	309.8	305.2	306.7	320.7	336.5	345.9
Compensation of general government employees, except own-account investment ³	138.3	143.7	143.8	143.9	143.9	152.7	155.0
Military	89.3	94.1	93.8	93.8	94.8	101.2	102.4
Civilian	48.9	49.6	50.0	50.1	49.1	51.4	52.5
Consumption of general government fixed capital ⁴	63.6	63.5	63.6	63.5	63.6	63.8	64.0
Other services	86.7	102.5	97.8	99.3	113.2	120.0	127.0
Research and development	22.5	29.6	28.0	27.4	34.6	37.5	40.9
Installation support	23.4	25.5	24.4	25.6	27.0	27.2	27.1
Weapons support	10.0	12.2	11.6	11.0	14.0	16.0	17.2
Personnel support	23.6	28.0	26.1	27.8	30.2	32.2	34.2
Transportation of material	4.8	4.9	4.8	5.0	5.1	4.8	4.9
Travel of persons	4.2	4.2	4.2	4.3	4.3	4.0	4.0
Other	-1.9	-2.0	-1.4	-1.7	-1.9	-1.7	-1.3
Gross investment	53.5	55.5	55.2	56.9	56.8	59.7	59.6
Structures	5.3	5.4	5.5	5.0	5.7	5.1	5.4
Equipment and software	48.2	50.0	49.7	51.9	51.1	54.6	54.2
Aircraft	7.7	8.3	8.0	9.8	8.0	8.6	9.0
Missiles	2.5	3.3	3.5	3.0	3.0	3.6	3.1
Ships	6.6	7.2	7.4	6.9	7.3	8.1	8.5
Vehicles	1.8	1.8	1.9	1.7	2.0	2.1	2.8
Electronics and software	14.9	13.7	13.0	13.7	14.3	14.9	14.7
Other equipment	14.7	15.7	15.9	16.8	16.4	17.2	16.2
Addendum:							
Compensation of general government employees ³	138.8	144.3	144.3	144.4	144.6	153.6	155.9

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]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
National defense consumption expenditures and gross investment¹	348.7	366.0	361.4	365.5	378.0	388.5	395.8
Consumption expenditures	294.1	308.9	304.9	307.2	319.1	326.7	333.9
Durable goods ²	22.7	24.3	24.3	26.3	24.2	24.8	24.9
Aircraft	10.2	11.2	10.9	12.6	11.5	11.1	11.2
Missiles	2.4	2.5	2.7	2.5	2.1	2.6	2.6
Ships	1.3	1.2	1.3	1.3	1.1	1.3	1.3
Vehicles	.6	.8	.7	.8	.8	.8	.8
Electronics	3.3	3.4	3.3	3.6	3.6	3.6	3.7
Other durable goods	5.0	5.2	5.5	5.6	5.3	5.6	5.5
Nondurable goods	9.4	9.9	9.8	9.8	11.3	11.5	11.7
Petroleum products	3.1	3.4	3.3	3.6	3.7	4.6	4.4
Ammunition	1.8	2.1	2.2	2.2	2.2	2.5	2.7
Other nondurable goods	4.4	4.2	4.3	3.9	5.3	4.4	4.5
Services	262.4	275.1	271.1	271.7	284.0	290.7	297.6
Compensation of general government employees, except own-account investment ³	120.5	121.2	121.2	121.0	121.3	122.4	123.8
Military	79.4	80.7	80.4	80.2	81.4	83.0	84.0
Civilian	41.2	40.7	40.9	41.0	40.0	39.6	40.0
Consumption of general government fixed capital ⁴	62.5	62.4	62.4	62.4	62.4	62.4	62.5
Other services	79.6	91.7	87.8	88.5	100.6	106.2	111.6
Research and development	20.8	26.9	25.5	24.8	31.2	33.7	36.7
Installation support	22.1	23.4	22.5	23.4	24.7	24.8	24.5
Weapons support	9.0	10.7	10.3	9.7	12.2	13.9	14.9
Personnel support	20.5	23.4	21.9	23.1	24.8	26.3	27.6
Transportation of material	4.6	4.6	4.5	4.6	4.7	4.5	4.5
Travel of persons	4.1	4.1	4.0	4.1	4.2	3.8	3.8
Other	-1.7	-1.7	-1.2	-1.4	-1.5	-1.4	-1.1
Gross investment	54.8	57.3	56.8	58.7	59.0	62.2	62.2
Structures	4.6	4.6	4.6	4.2	4.7	4.2	4.5
Equipment and software	50.4	53.0	52.4	54.9	54.6	58.5	58.2
Aircraft	8.3	9.6	9.1	11.3	9.6	10.4	10.8
Missiles	2.6	3.5	3.7	3.2	3.2	3.9	3.4
Ships	6.5	7.1	7.3	6.8	7.3	8.1	8.4
Vehicles	1.9	1.9	2.0	1.8	2.1	2.2	2.9
Electronics and software	16.6	15.3	14.5	15.4	16.1	16.9	16.7
Other equipment	14.6	15.5	15.6	16.5	16.1	17.0	15.9
Residual	-1.0	-.7	-.8	-1.7	-.8	-1.3	-.9
Addendum:							
Compensation of general government employees ³	120.9	121.7	121.6	121.4	121.8	123.1	124.5

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]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Receipts from the rest of the world	1,484.5	1,351.1	1,392.2	1,307.8	1,240.0	1,242.2	1,294.1
Exports of goods and services	1,101.1	1,034.1	1,059.7	1,005.8	971.1	977.5	1,018.1
Goods ¹	785.0	733.5	750.6	708.5	687.7	679.8	709.4
Durable.....	569.7	522.4	536.4	502.8	481.8	477.2	499.3
Nondurable.....	215.4	211.2	214.2	205.7	205.8	202.6	210.0
Services ¹	316.1	300.6	309.1	297.3	283.4	297.7	308.8
Income receipts.....	383.4	316.9	332.5	302.0	269.0	264.7	276.0
Payments to the rest of the world	1,484.5	1,351.1	1,392.2	1,307.8	1,240.0	1,242.2	1,294.1
Imports of goods and services	1,466.6	1,383.0	1,425.3	1,318.4	1,315.6	1,337.5	1,443.7
Goods ¹	1,243.1	1,167.2	1,189.9	1,140.6	1,098.3	1,102.3	1,202.9
Durable.....	820.6	754.4	761.5	734.2	721.0	732.4	781.6
Nondurable.....	422.5	412.8	428.3	406.3	377.3	369.9	421.3
Services ¹	223.5	215.8	235.5	177.8	217.3	235.2	240.8
Income payments.....	360.0	295.0	301.4	290.5	233.7	262.8	296.1
Transfer payments (net).....	53.7	49.8	48.0	49.7	54.6	63.5	51.5
From persons (net).....	29.5	31.1	30.9	31.8	30.6	31.5	31.9
From government (net).....	13.6	9.6	7.7	8.9	15.3	22.8	10.6
From business.....	10.6	9.1	9.3	9.0	8.8	9.2	9.0
Net foreign investment.....	-395.8	-376.7	-382.5	-350.8	-363.9	-421.7	-497.2

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]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Exports of goods and services	1,137.2	1,076.1	1,098.8	1,048.0	1,021.8	1,030.6	1,065.5
Goods ¹	834.7	785.2	800.1	760.0	744.6	738.1	765.8
Durable.....	607.8	558.3	572.0	538.1	517.3	512.3	536.3
Nondurable.....	226.7	226.7	227.8	221.6	227.1	225.7	229.3
Services ¹	304.1	292.0	299.7	288.7	278.2	292.2	299.7
Income receipts	359.0	292.0	306.0	278.1	247.4	242.8	251.8
Imports of goods and services	1,536.0	1,492.0	1,513.6	1,467.0	1,447.2	1,477.1	1,552.9
Goods ¹	1,313.7	1,270.5	1,281.1	1,249.2	1,238.7	1,250.0	1,329.2
Durable.....	924.1	865.6	869.8	845.9	838.2	856.0	912.5
Nondurable.....	391.6	402.3	408.0	399.9	397.1	391.5	414.3
Services ¹	223.6	222.4	233.5	218.6	208.9	225.5	224.3
Income payments	333.6	269.2	274.8	264.9	213.1	239.2	268.2

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]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Exports of goods and services	1,101.1	1,034.1	1,059.7	1,005.8	971.1	977.5	1,018.1
Exports of goods ¹	785.0	733.5	750.6	708.5	687.7	679.8	709.4
Foods, feeds, and beverages	47.9	49.4	49.3	48.8	49.7	49.7	48.6
Industrial supplies and materials.....	166.6	155.3	158.5	150.8	147.2	144.9	155.6
Durable goods.....	63.6	57.1	58.0	55.2	53.6	53.5	57.2
Nondurable goods.....	103.0	98.2	100.5	95.6	93.6	91.3	98.4
Capital goods, except automotive.....	357.0	321.7	330.9	304.6	288.7	284.4	294.1
Civilian aircraft, engines, and parts.....	48.1	52.6	54.3	52.6	48.1	49.4	50.2
Computers, peripherals, and parts.....	55.5	47.6	48.3	44.4	41.8	39.0	38.6
Other.....	253.4	221.6	228.4	207.6	198.9	196.0	205.4
Automotive vehicles, engines, and parts.....	80.4	75.4	77.1	77.1	74.3	73.8	80.4
Consumer goods, except automotive.....	89.4	88.3	91.1	85.5	84.5	82.2	84.2
Durable goods.....	46.8	46.5	48.5	45.0	43.6	43.1	44.3
Nondurable goods.....	42.6	41.9	42.6	40.6	40.9	39.2	39.9
Other.....	43.8	43.3	43.8	41.6	43.3	44.8	46.4
Exports of services ¹	316.1	300.6	309.1	297.3	283.4	297.7	308.8
Transfers under U.S. military agency sales contracts.....	12.8	11.2	11.8	11.3	11.6	11.1	11.6
Travel.....	82.3	73.1	79.2	71.4	58.9	68.7	69.3
Passenger fares.....	20.8	18.0	19.4	18.1	14.5	16.7	16.8
Other transportation.....	30.1	28.3	28.7	27.9	26.7	27.7	27.7
Royalties and license fees.....	39.6	38.7	39.0	38.1	38.7	40.4	42.6
Other private services.....	104.7	108.1	107.7	107.5	110.2	110.5	115.9
Other.....	25.9	23.2	23.3	22.9	22.7	23.5	24.7
Imports of goods and services	1,466.6	1,383.0	1,425.3	1,318.4	1,315.6	1,337.5	1,443.7
Imports of goods ¹	1,243.1	1,167.2	1,189.9	1,140.6	1,098.3	1,102.3	1,202.9
Foods, feeds, and beverages	46.0	46.6	45.9	47.7	47.1	47.5	49.4
Industrial supplies and materials, except petroleum and products..	172.8	164.8	167.9	156.7	149.0	149.5	159.0
Durable goods.....	88.4	80.0	80.1	78.3	75.9	77.5	79.5
Nondurable goods.....	84.4	84.8	87.8	78.4	73.1	71.9	79.5
Petroleum and products.....	120.2	103.6	114.2	102.5	81.0	76.7	108.1
Capital goods, except automotive.....	347.0	298.0	301.5	279.7	272.3	277.4	288.4
Civilian aircraft, engines, and parts.....	26.4	31.4	31.1	30.8	32.5	29.0	24.9
Computers, peripherals, and parts.....	89.8	74.0	75.2	68.7	68.5	75.6	76.6
Other.....	230.9	192.6	195.2	180.3	171.3	172.7	186.9
Automotive vehicles, engines, and parts.....	195.9	189.8	191.5	191.8	187.5	190.4	207.5
Consumer goods, except automotive.....	282.0	284.5	287.3	281.9	278.6	285.4	307.2
Durable goods.....	149.6	146.7	147.6	144.3	143.9	149.4	164.5
Nondurable goods.....	132.4	137.8	139.7	137.6	134.8	136.0	142.7
Other.....	79.2	79.9	81.7	80.3	82.8	75.4	83.2
Imports of services ¹	223.5	215.8	235.5	177.8	217.3	235.2	240.8
Direct defense expenditures	13.6	15.2	14.0	15.1	17.4	17.4	18.4
Travel.....	64.8	60.1	66.8	57.9	51.8	58.8	59.2
Passenger fares.....	24.3	22.4	24.9	23.8	17.8	20.5	20.6
Other transportation.....	41.6	38.8	40.5	36.7	36.0	36.1	39.6
Royalties and license fees.....	16.1	16.4	16.2	16.5	16.4	18.9	18.0
Other private services.....	55.3	54.6	64.8	19.5	69.5	74.9	76.4
Other.....	7.9	8.3	8.3	8.4	8.4	8.6	8.6
Addenda:							
Exports of agricultural goods ²	52.8	54.9	54.5	54.6	55.8	55.1	54.1
Exports of nonagricultural goods.....	732.2	678.6	696.1	653.9	631.8	624.7	655.3
Imports of nonpetroleum goods.....	1,122.9	1,063.6	1,075.7	1,038.0	1,017.3	1,025.6	1,094.7

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]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Exports of goods and services	1,137.2	1,076.1	1,098.8	1,048.0	1,021.8	1,030.6	1,065.5
Exports of goods ¹	834.7	785.2	800.1	760.0	744.6	738.1	765.8
Foods, feeds, and beverages	60.5	62.3	62.7	60.6	63.1	63.4	61.3
Industrial supplies and materials.....	168.7	162.2	162.9	158.9	159.8	158.5	165.8
Durable goods.....	67.5	61.7	62.6	59.7	58.6	58.5	62.0
Nondurable goods.....	101.3	100.4	100.3	99.1	101.0	99.8	103.6
Capital goods, except automotive.....	394.7	355.8	364.8	337.7	320.9	316.0	327.7
Civilian aircraft, engines, and parts.....	43.2	44.8	46.3	44.5	40.4	41.2	41.7
Computers, peripherals, and parts.....	85.3	75.4	75.8	71.1	67.7	63.9	63.8
Other.....	271.5	238.6	245.1	224.3	215.4	212.2	222.9
Automotive vehicles, engines, and parts.....	78.5	73.4	75.0	75.0	72.3	71.7	78.1
Consumer goods, except automotive.....	88.7	87.9	90.9	85.2	83.9	82.3	84.5
Durable goods.....	46.4	46.0	48.2	44.6	43.1	42.7	44.2
Nondurable goods.....	42.2	41.9	42.7	40.6	40.8	39.6	40.3
Other.....	44.8	44.5	44.8	42.8	44.9	46.6	47.9
Exports of services ¹	304.1	292.0	299.7	288.7	278.2	292.2	299.7
Transfers under U.S. military agency sales contracts.....	12.9	11.5	12.1	11.6	12.1	11.6	12.1
Travel.....	74.0	65.5	70.1	64.0	53.9	62.9	62.7
Passenger fares.....	19.8	17.0	18.6	17.0	13.7	15.8	15.8
Other transportation.....	28.0	26.6	27.0	25.1	25.6	26.2	26.2
Royalties and license fees.....	37.0	35.6	35.8	35.1	35.5	37.0	38.8
Other private services.....	111.5	119.1	118.8	118.7	122.3	121.8	126.4
Other.....	21.5	19.3	19.3	18.9	19.0	19.8	20.9
Residual.....	-8.7	-7.5	-6.4	-5.7	-7.6	-4.1	-3.2
Imports of goods and services	1,536.0	1,492.0	1,513.6	1,467.0	1,447.2	1,477.1	1,552.9
Imports of goods ¹	1,313.7	1,270.5	1,281.1	1,249.2	1,238.7	1,250.0	1,329.2
Foods, feeds, and beverages	49.4	51.7	50.8	53.6	52.6	53.2	54.6
Industrial supplies and materials, except petroleum and products..	167.1	160.9	159.0	159.1	158.5	160.8	165.1
Durable goods.....	86.3	81.0	79.3	79.6	80.7	82.7	83.3
Nondurable goods.....	80.7	79.7	79.5	79.3	77.7	78.0	81.6
Petroleum and products.....	86.2	89.2	92.9	85.9	86.7	82.3	88.6
Capital goods, except automotive.....	452.2	400.0	402.9	377.9	371.5	382.1	398.2
Civilian aircraft, engines, and parts.....	23.9	27.3	27.2	26.7	28.1	25.0	21.4
Computers, peripherals, and parts.....	152.6	138.4	138.2	131.3	135.8	150.9	153.0
Other.....	279.8	236.6	239.6	221.9	211.3	215.9	234.5
Automotive vehicles, engines, and parts.....	192.5	186.7	188.5	189.1	184.2	187.3	203.8
Consumer goods, except automotive.....	293.9	298.9	301.5	296.4	294.2	302.4	326.4
Durable goods.....	160.8	159.6	160.3	157.2	157.8	164.6	181.7
Nondurable goods.....	133.5	139.4	141.3	139.2	136.6	138.1	145.4
Other.....	78.8	79.8	81.2	80.8	83.6	76.4	84.0
Imports of services ¹	223.6	222.4	233.5	218.6	208.9	225.5	224.3
Direct defense expenditures	15.5	17.5	16.4	17.3	20.2	21.0	21.0
Travel.....	67.0	63.5	70.9	61.0	54.7	63.1	60.9
Passenger fares.....	20.9	17.7	19.9	18.1	13.9	16.0	15.7
Other transportation.....	35.4	33.6	34.5	31.7	32.5	33.1	35.9
Royalties and license fees.....	15.1	15.0	14.8	15.1	15.1	17.3	16.4
Other private services.....	62.6	69.8	71.5	71.0	66.7	69.0	68.4
Other.....	7.6	8.0	7.9	8.1	8.2	8.4	8.2
Residual.....	-12.6	-2.5	-1.1	.1	.8	-5.2	-5.5
Addenda:							
Exports of agricultural goods ²	68.3	70.5	70.5	68.9	72.7	72.3	70.3
Exports of nonagricultural goods.....	765.4	714.9	729.7	691.4	673.1	667.1	696.0
Imports of nonpetroleum goods.....	1,225.5	1,177.1	1,182.9	1,159.7	1,148.1	1,164.1	1,236.5

* 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]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Gross saving	1,807.9	1,662.4	1,670.6	1,665.6	1,614.4	1,603.2	1,603.6
Gross private saving	1,372.1	1,399.3	1,338.4	1,535.6	1,399.0	1,578.3	1,610.4
Personal saving.....	201.5	169.7	141.6	302.2	61.5	270.4	308.7
Undistributed corporate profits with inventory valuation and capital consumption adjustments.....	152.6	122.7	101.9	79.5	223.0	171.0	140.5
Undistributed profits.....	146.8	61.2	100.7	46.7	10.8	12.8	13.5
Inventory valuation adjustment.....	-15.0	5.0	-6.2	8.9	27.2	1.9	-5.7
Capital consumption adjustment.....	20.8	56.5	7.3	23.9	185.1	156.3	132.8
Corporate consumption of fixed capital.....	721.1	789.1	772.3	835.6	792.6	808.3	826.1
Noncorporate consumption of fixed capital.....	296.8	317.7	322.6	318.2	321.9	328.6	335.1
Wage accruals less disbursements.....	.0	.0	.0	.0	.0	.0	.0
Gross government saving	435.8	263.1	332.2	130.0	215.3	24.9	-6.8
Federal.....	302.8	170.7	243.0	47.3	121.1	-45.2	-89.0
Consumption of fixed capital.....	95.9	98.7	98.6	99.0	99.7	100.6	101.3
Current surplus or deficit (-), national income and product accounts.....	206.9	72.0	144.4	-51.7	21.3	-145.8	-190.3
State and local.....	133.0	92.4	89.2	82.7	94.3	70.1	82.2
Consumption of fixed capital.....	115.0	123.7	121.5	128.9	124.5	125.9	127.3
Current surplus or deficit (-), national income and product accounts.....	18.0	-31.3	-32.3	-46.2	-30.2	-55.8	-45.1
Gross investment	1,679.4	1,545.1	1,557.7	1,547.8	1,481.8	1,493.2	1,439.0
Gross private domestic investment.....	1,755.4	1,586.0	1,597.2	1,574.9	1,500.7	1,559.4	1,588.0
Gross government investment.....	319.8	335.8	343.0	323.7	345.0	355.5	348.2
Net foreign investment.....	-395.8	-376.7	-382.5	-350.8	-363.9	-421.7	-497.2
Statistical discrepancy	-128.5	-117.3	-112.9	-117.8	-132.6	-110.0	-164.6
Addendum:							
Gross saving as a percentage of gross national product.....	18.4	16.5	16.6	16.5	15.8	15.5	15.5

Table 5.4. Private Fixed Investment by Type
[Billions of dollars]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Private fixed investment	1,691.8	1,646.3	1,654.3	1,635.5	1,597.2	1,589.4	1,584.6
Nonresidential	1,265.8	1,201.6	1,210.0	1,188.1	1,149.8	1,126.8	1,115.8
Structures	314.2	324.5	329.9	332.0	302.3	288.3	275.2
Nonresidential buildings, including farm.....	223.9	216.3	221.3	211.5	200.4	192.4	182.3
Utilities.....	53.7	55.0	56.2	54.6	54.4	56.3	53.9
Mining exploration, shafts, and wells.....	29.2	42.7	45.5	45.1	40.4	32.3	31.7
Other structures.....	7.4	10.5	6.9	20.7	7.2	7.3	7.3
Equipment and software	951.6	877.1	880.2	856.1	847.4	838.5	840.7
Information processing equipment and software.....	446.9	404.3	407.9	390.7	385.5	388.7	397.1
Computers and peripheral equipment ¹	93.3	74.2	75.8	67.6	69.3	71.9	72.8
Software ²	179.4	180.4	180.7	178.7	178.9	177.2	181.0
Other.....	174.2	149.8	151.5	144.5	137.3	139.6	143.3
Industrial equipment.....	164.9	159.0	161.8	154.3	149.8	153.4	150.5
Transportation equipment.....	189.7	165.8	162.7	162.7	168.3	154.1	145.2
Other.....	150.1	148.0	147.7	148.4	143.8	142.3	148.0
Residential	426.0	444.8	444.2	447.4	447.4	462.6	468.7
Structures	416.8	435.4	435.0	438.1	438.0	453.0	459.2
Single family.....	220.7	232.1	231.6	234.4	234.3	241.1	244.3
Multifamily.....	28.3	30.7	30.4	30.5	31.8	34.2	34.2
Other structures.....	167.9	172.7	173.0	173.2	171.9	177.7	180.7
Equipment	9.3	9.3	9.2	9.3	9.4	9.5	9.6

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]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Private fixed investment	1,691.9	1,627.4	1,633.5	1,615.7	1,578.4	1,576.4	1,572.6
Nonresidential	1,324.2	1,255.1	1,261.0	1,241.7	1,206.4	1,188.4	1,181.1
Structures	275.5	270.9	274.4	276.3	252.7	243.2	231.7
Nonresidential buildings, including farm.....	192.3	178.7	183.2	174.2	163.5	157.1	148.2
Utilities.....	50.4	50.3	51.5	49.7	49.3	50.8	48.4
Mining exploration, shafts, and wells.....	27.0	34.0	34.6	35.9	34.8	30.2	30.3
Other structures.....	6.8	9.3	6.1	18.3	6.3	6.3	6.3
Equipment and software	1,056.0	988.2	989.9	966.4	960.3	953.7	961.4
Information processing equipment and software.....	583.3	548.5	549.8	533.4	531.8	540.4	557.0
Computers and peripheral equipment ¹	246.4	239.9	239.0	224.5	243.3	262.1	271.6
Software ²	184.4	182.0	181.7	180.5	180.6	179.0	184.3
Other.....	187.4	163.9	165.7	158.6	151.2	154.1	158.5
Industrial equipment.....	160.8	153.8	156.4	149.2	144.7	148.3	145.6
Transportation equipment.....	186.6	163.6	161.6	160.0	165.4	151.5	143.4
Other.....	144.5	140.7	140.6	141.0	136.2	134.6	140.1
Residential	372.4	373.5	374.0	374.3	371.0	383.6	386.1
Structures	363.0	364.0	364.6	365.0	361.5	373.9	376.4
Single family.....	191.0	192.6	193.1	194.1	191.3	197.2	198.4
Multifamily.....	23.0	24.4	24.3	24.3	25.1	27.0	26.8
Other structures.....	149.1	146.9	147.2	146.5	145.1	149.6	151.0
Equipment	9.4	9.5	9.4	9.4	9.6	9.7	9.7
Residual	-67.2	-62.2	-60.9	-50.5	-68.0	-81.1	-90.0

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]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Change in private inventories	63.6	-60.3	-57.1	-60.6	-96.5	-29.9	3.4
Farm	-2.2	1.6	-3.0	1.8	3.0	5.3	.4
Construction, mining, and utilities	-3.4	7.6	12.3	6.1	4.7	1.6	-1.1
Manufacturing	16.6	-35.9	-41.8	-43.3	-39.6	-31.1	-14.2
Durable goods industries	15.3	-29.3	-30.8	-39.6	-34.3	-25.4	-14.9
Nondurable goods industries	1.3	-6.5	-11.0	-3.7	-5.3	-5.8	.6
Wholesale trade	19.3	-15.6	-8.5	-24.0	-25.4	-19.5	-9.0
Durable goods industries	12.1	-19.7	-23.6	-24.9	-26.6	-16.2	-7.4
Nondurable goods industries	7.1	4.0	15.1	.9	1.3	-3.3	-1.6
Retail trade	21.9	-20.7	-17.5	-3.4	-41.5	13.8	22.2
Motor vehicle dealers	11.7	-15.5	-5.5	-1.1	-34.7	13.9	15.4
Food and beverage stores	-2	.6	.2	-4	1.3	-2.2	.1
General merchandise stores	1.1	-5	-1.9	-2.2	-3.3	-4.5	.0
Other retail stores	9.3	-5.3	-10.3	.4	-4.7	6.7	6.8
Other industries	11.4	2.7	1.4	2.2	2.3	.0	5.1
Addenda:							
Change in private inventories	63.6	-60.3	-57.1	-60.6	-96.5	-29.9	3.4
Durable goods industries	44.1	-65.0	-62.8	-65.2	-95.0	-20.3	-4.8
Nondurable goods industries	19.4	4.7	5.6	4.7	-1.5	-9.7	8.2
Nonfarm industries	65.8	-61.9	-54.1	-62.3	-99.5	-35.3	3.0
Nonfarm change in book value ¹	88.2	-75.5	-57.8	-83.9	-133.4	-37.1	13.4
Nonfarm inventory valuation adjustment ²	-22.5	13.6	3.7	21.5	33.9	1.8	-10.4
Wholesale trade	19.3	-15.6	-8.5	-24.0	-25.4	-19.5	-9.0
Merchant wholesale trade	16.2	-12.6	-5.8	-17.1	-21.9	-16.2	-8.4
Durable goods industries	9.8	-16.8	-21.1	-18.8	-23.2	-14.2	-7.1
Nondurable goods industries	6.4	4.2	15.3	1.7	1.3	-2.1	-1.3
Nonmerchant wholesale trade	3.0	-3.1	-2.7	-6.9	-3.5	-3.3	-6

Table 5.11B. Real Change in Private Inventories by Industry
[Billions of chained (1996) dollars]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Change in private inventories	65.0	-61.4	-58.3	-61.8	-98.4	-28.9	4.9
Farm	-2.5	2.0	-3.3	2.0	3.6	6.4	.8
Construction, mining, and utilities	-2.6	6.4	10.3	5.7	4.3	1.6	-1.0
Manufacturing	17.5	-36.2	-41.7	-44.1	-40.2	-31.9	-14.1
Durable goods industries	16.3	-30.1	-31.4	-41.0	-35.2	-25.9	-15.0
Nondurable goods industries	1.4	-6.3	-10.6	-3.7	-5.1	-6.0	.8
Wholesale trade	19.9	-16.5	-9.5	-25.1	-26.8	-19.8	-8.7
Durable goods industries	12.8	-21.8	-26.4	-27.5	-29.9	-17.0	-7.7
Nondurable goods industries	7.1	4.3	14.8	1.2	1.9	-3.2	-1.3
Retail trade	21.6	-20.3	-17.2	-3.3	-40.6	13.8	22.0
Motor vehicle dealers	11.7	-15.5	-5.4	-1.2	-34.8	14.0	15.6
Food and beverage stores	-2	.5	.2	-4	1.1	-2.0	.1
General merchandise stores	1.1	-4	-1.9	-2.1	-3.2	-4.4	.0
Other retail stores	9.2	-5.2	-10.2	.3	-4.7	6.7	6.7
Other industries	11.2	2.6	1.4	2.2	2.3	.0	5.0
Residual	-5	2.1	4.2	2.7	1.3	.9	.9
Addenda:							
Change in private inventories	65.0	-61.4	-58.3	-61.8	-98.4	-28.9	4.9
Durable goods industries	46.0	-67.9	-65.7	-68.5	-99.3	-20.3	-4.4
Nondurable goods industries	19.5	4.8	5.1	4.9	-8	-8.8	9.0
Nonfarm industries	67.2	-63.2	-54.9	-63.6	-101.5	-35.1	4.2
Wholesale trade	19.9	-16.5	-9.5	-25.1	-26.8	-19.8	-8.7
Merchant wholesale trade	16.8	-13.3	-6.7	-17.9	-23.3	-16.4	-8.2
Durable goods industries	10.3	-18.7	-23.7	-20.7	-26.1	-14.8	-7.5
Nondurable goods industries	6.5	4.5	15.2	2.0	1.9	-2.0	-9
Nonmerchant wholesale trade	3.1	-3.2	-2.8	-7.1	-3.6	-3.4	-6

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				
	2001			2002	
	II	III	IV	I	II
Private inventories ¹	1,507.7	1,475.5	1,430.1	1,429.4	1,438.1
Farm.....	107.4	101.2	100.8	104.7	104.0
Construction, mining, and utilities.....	42.7	39.8	39.3	39.5	41.9
Manufacturing.....	484.2	470.5	451.9	447.0	445.7
Durable goods industries.....	301.9	293.0	282.0	275.8	273.2
Nondurable goods industries.....	182.3	177.4	170.0	171.2	172.5
Wholesale trade.....	357.3	349.3	337.3	334.5	335.1
Durable goods industries.....	213.6	206.4	198.5	194.5	193.6
Nondurable goods industries.....	143.7	142.9	138.8	140.0	141.6
Retail trade.....	402.8	401.8	388.9	392.4	398.0
Motor vehicle dealers.....	128.1	127.9	118.3	121.1	124.5
Food and beverage stores.....	33.2	33.3	33.5	33.1	32.9
General merchandise stores.....	65.4	64.9	63.9	62.6	62.7
Other retail stores.....	176.1	175.7	173.3	175.6	177.9
Other industries.....	113.3	112.9	111.9	111.4	113.4
Addenda:					
Private inventories.....	1,507.7	1,475.5	1,430.1	1,429.4	1,438.1
Durable goods industries.....	722.0	705.6	676.9	671.5	672.3
Nondurable goods industries.....	785.7	769.9	753.2	757.9	765.8
Nonfarm industries.....	1,400.3	1,374.3	1,329.4	1,324.7	1,334.1
Wholesale trade.....	357.3	349.3	337.3	334.5	335.1
Merchant wholesale trade.....	305.1	299.5	290.3	287.4	287.5
Durable goods industries.....	183.5	178.0	171.1	167.6	166.6
Nondurable goods industries.....	121.6	121.5	119.3	119.9	120.9
Nonmerchant wholesale trade.....	52.2	49.8	47.0	47.0	47.6
Final sales of domestic business ²	709.7	712.1	718.5	723.8	724.7
Final sales of goods and structures of domestic business ²	384.1	381.6	386.4	387.2	382.7
Ratios of private inventories to final sales of domestic business:					
Private inventories to final sales.....	2.12	2.07	1.99	1.97	1.98
Nonfarm inventories to final sales.....	1.97	1.93	1.85	1.83	1.84
Nonfarm inventories to final sales of goods and structures.....	3.65	3.60	3.44	3.42	3.49

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				
	2001			2002	
	II	III	IV	I	II
Private inventories ¹	1,498.8	1,483.3	1,458.7	1,451.5	1,452.7
Farm.....	104.6	105.1	106.0	107.6	107.8
Construction, mining, and utilities.....	37.5	38.9	40.0	40.4	40.2
Manufacturing.....	480.7	469.7	459.6	451.7	448.1
Durable goods industries.....	305.8	295.5	286.7	280.3	276.5
Nondurable goods industries.....	175.0	174.1	172.8	171.3	171.5
Wholesale trade.....	370.6	364.3	357.6	352.6	350.4
Durable goods industries.....	231.7	224.8	217.3	213.1	211.2
Nondurable goods industries.....	138.4	138.7	139.2	138.4	138.1
Retail trade.....	392.3	391.5	381.3	384.7	390.2
Motor vehicle dealers.....	127.9	127.6	119.9	122.4	126.3
Food and beverage stores.....	30.3	30.3	30.5	30.0	30.1
General merchandise stores.....	63.5	62.9	62.1	61.1	61.1
Other retail stores.....	170.5	170.6	169.4	171.1	172.8
Other industries.....	111.3	111.8	112.4	112.4	113.7
Residual.....	2.3	3.0	3.4	3.4	3.4
Addenda:					
Private inventories.....	1,498.8	1,483.3	1,458.7	1,451.5	1,452.7
Durable goods industries.....	743.5	726.4	701.6	696.5	695.4
Nondurable goods industries.....	753.5	754.7	754.5	752.3	754.6
Nonfarm industries.....	1,393.1	1,377.2	1,351.8	1,343.1	1,344.1
Wholesale trade.....	370.6	364.3	357.6	352.6	350.4
Merchant wholesale trade.....	318.8	314.3	308.5	304.4	302.3
Durable goods industries.....	199.4	194.2	187.7	184.0	182.1
Nondurable goods industries.....	118.9	119.5	119.9	119.4	119.2
Nonmerchant wholesale trade.....	51.8	50.0	49.2	48.3	48.2
Final sales of domestic business ²	655.3	654.1	661.4	665.3	664.6
Final sales of goods and structures of domestic business ²	369.1	366.8	371.6	373.3	369.2
Ratios of private inventories to final sales of domestic business:					
Private inventories to final sales.....	2.29	2.27	2.21	2.18	2.19
Nonfarm inventories to final sales.....	2.13	2.11	2.04	2.02	2.02
Nonfarm inventories to final sales of goods and structures.....	3.77	3.75	3.64	3.60	3.64

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]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
National income without capital consumption adjustment	7,958.7	8,053.5	8,106.6	8,055.7	7,972.8	8,073.8	8,157.7
Domestic industries	7,935.3	8,031.5	8,075.5	8,044.2	7,937.6	8,071.9	8,177.7
Private industries	6,928.0	6,969.4	7,019.6	6,974.4	6,857.4	6,970.6	7,066.7
Agriculture, forestry, and fishing.....	109.7	111.1	110.7	113.8	110.6	116.8	101.8
Mining.....	62.9	69.5	73.7	68.4	60.8	58.2	57.5
Construction.....	422.9	438.9	441.5	444.1	435.0	439.3	443.1
Manufacturing.....	1,250.7	1,132.2	1,157.7	1,133.3	1,075.3	1,092.9	1,123.0
Durable goods.....	729.2	640.5	656.4	634.9	597.0	610.3	628.9
Nondurable goods.....	521.4	491.8	501.4	498.3	478.3	482.6	494.1
Transportation and public utilities.....	530.5	529.9	542.6	535.8	496.1	508.5	516.6
Transportation.....	243.7	236.6	241.3	238.5	226.0	231.0	232.7
Communications.....	149.4	148.4	152.6	150.5	137.1	139.8	138.2
Electric, gas, and sanitary services.....	137.4	144.9	148.7	146.8	132.9	137.6	145.6
Wholesale trade.....	481.1	458.4	457.9	459.8	452.7	457.4	463.9
Retail trade.....	659.1	686.1	683.0	691.8	686.1	695.2	707.5
Finance, insurance, and real estate.....	1,521.5	1,571.1	1,567.8	1,542.1	1,578.9	1,613.2	1,640.7
Services.....	1,889.8	1,972.0	1,984.8	1,985.4	1,961.8	1,989.1	2,012.7
Government	1,007.3	1,062.1	1,055.9	1,069.9	1,080.2	1,101.4	1,111.1
Rest of the world	23.4	21.9	31.1	11.5	35.2	1.9	-20.0

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]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Corporate profits with inventory valuation and capital consumption adjustments	788.1	731.6	721.4	687.2	811.4	797.6	785.0
Domestic industries	644.8	580.9	560.9	545.3	646.7	665.6	669.9
Financial.....	183.0	173.5	167.8	142.3	197.8	213.2	210.7
Nonfinancial.....	461.8	407.4	393.1	403.0	449.0	452.4	459.3
Rest of the world	143.3	150.8	160.4	141.8	164.7	132.0	115.1
Receipts from the rest of the world.....	203.8	172.4	178.4	167.2	156.1	161.4	173.4
Less: Payments to the rest of the world.....	60.5	21.6	18.0	25.3	-8.5	29.4	58.3
Corporate profits with inventory valuation adjustment	767.3	675.1	714.0	663.2	626.3	641.3	652.2
Domestic industries	624.0	524.4	553.6	521.4	461.6	509.3	537.1
Financial.....	201.0	190.6	191.6	162.7	200.1	218.2	218.5
Federal Reserve banks.....	30.0	27.9	28.8	27.3	25.0	23.4	23.9
Other.....	171.0	162.8	162.8	135.4	175.2	194.8	194.6
Nonfinancial.....	423.0	333.7	362.0	358.7	261.5	291.1	318.6
Manufacturing.....	159.8	83.4	99.2	91.1	50.9	68.9	91.9
Durable goods.....	61.5	9.9	17.0	11.6	-14.9	2.5	17.8
Primary metal industries.....	1.0	-1.6	-6	-1	-2.2	.5	.3
Fabricated metal products.....	15.4	9.0	10.5	8.5	6.8	5.2	5.8
Industrial machinery and equipment.....	14.2	-6	.9	-5.2	-7.5	-4.9	-2.9
Electronic and other electric equipment.....	5.5	-3.2	-1.3	-4.6	-8.4	-6.2	-9
Motor vehicles and equipment.....	-2.2	-9.4	-10.1	-6.4	-13.3	-11.8	-4.4
Other.....	27.6	15.7	17.6	19.4	9.7	19.7	20.0
Nondurable goods.....	98.3	73.5	82.2	79.5	65.8	66.4	74.1
Food and kindred products.....	25.8	16.6	18.0	17.8	18.3	18.9	19.2
Chemicals and allied products.....	17.2	15.2	16.1	18.0	18.5	15.1	16.7
Petroleum and coal products.....	26.1	25.7	28.9	25.0	19.4	14.1	15.4
Other.....	29.1	16.0	19.3	18.8	9.5	18.3	22.8
Transportation and public utilities.....	36.6	27.7	34.3	33.3	6.5	15.0	17.1
Transportation.....	12.8	1.2	3.5	1.8	-5.1	-5	-1.7
Communications.....	-5.5	-5.8	-5.2	-3.9	-11.2	-9.3	-12.7
Electric, gas, and sanitary services.....	29.4	32.2	36.1	35.3	22.7	24.8	31.4
Wholesale trade.....	62.1	44.8	41.0	45.9	46.9	41.2	44.8
Retail trade.....	73.4	79.1	77.8	82.6	80.5	81.4	86.0
Other.....	91.0	98.8	109.8	105.7	76.7	84.6	78.9
Rest of the world	143.3	150.8	160.4	141.8	164.7	132.0	115.1

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]

	2000	2001	Seasonally adjusted				
			2001			2002	
			II	III	IV	I	II
Gross domestic product:							
Current dollars	125.74	129.04	128.63	129.24	129.95	132.00	132.81
Chain-type quantity index.....	117.64	117.94	117.66	117.58	118.37	119.84	120.21
Chain-type price index.....	106.89	109.42	109.32	109.92	109.78	110.14	110.48
Implicit price deflator	106.89	109.42	109.32	109.92	109.78	110.14	110.48
Final sales of domestic product:							
Current dollars	125.41	130.31	129.86	130.52	131.69	132.89	133.28
Chain-type quantity index.....	117.19	118.95	118.65	118.60	119.81	120.51	120.49
Chain-type price index.....	107.02	109.55	109.45	110.05	109.91	110.28	110.62
Implicit price deflator	107.02	109.55	109.45	110.05	109.91	110.27	110.62
Gross domestic purchases:							
Current dollars	128.95	132.00	131.81	131.74	132.84	135.07	136.70
Chain-type quantity index.....	121.00	121.50	121.20	121.18	122.06	123.74	124.53
Chain-type price index.....	106.58	108.65	108.76	108.72	108.84	109.15	109.77
Implicit price deflator	106.58	108.65	108.75	108.72	108.83	109.15	109.77
Final sales to domestic purchasers:							
Current dollars	128.64	133.27	133.03	133.01	134.57	135.96	137.18
Chain-type quantity index.....	120.56	122.52	122.19	122.21	123.50	124.42	124.82
Chain-type price index.....	106.70	108.78	108.88	108.84	108.97	109.28	109.90
Implicit price deflator	106.70	108.78	108.88	108.84	108.97	109.28	109.90
Addenda:							
Final sales of computers: ¹							
Current dollars.....	118.98	101.79	102.38	95.34	96.08	87.91	86.34
Chain-type quantity index.....	385.10	420.15	410.70	405.16	431.75	423.11	436.31
Chain-type price index.....	30.90	24.23	24.93	23.55	22.28	20.80	19.81
Implicit price deflator.....	30.90	24.23	24.93	23.53	22.25	20.78	19.79
Gross domestic product less final sales of computers:							
Current dollars.....	125.81	129.32	128.89	129.58	130.29	132.44	133.28
Chain-type quantity index.....	116.22	116.43	116.17	116.10	116.84	118.31	118.66
Chain-type price index.....	108.26	111.08	110.95	111.61	111.51	111.94	112.32
Implicit price deflator.....	108.25	111.07	110.95	111.61	111.51	111.94	112.32
Gross domestic purchases less final sales of computers:							
Current dollars.....	128.91	132.27	132.06	132.10	133.17	135.38	137.03
Chain-type quantity index.....	119.18	119.61	119.34	119.34	120.11	121.68	122.43
Chain-type price index.....	108.17	110.59	110.66	110.69	110.88	111.25	111.92
Implicit price deflator.....	108.16	110.58	110.66	110.69	110.87	111.25	111.92
Chain-type price indexes for gross domestic product:							
Food	107.11	110.45	109.96	111.09	111.58	112.23	112.31
Energy goods and services.....	103.66	114.15	120.73	114.33	108.19	105.15	104.09
Gross domestic product less food and energy.....	106.99	109.17	108.89	109.66	109.65	110.10	110.51
Chain-type price indexes for gross domestic purchases:							
Food	108.27	111.46	111.03	111.98	112.62	113.29	113.40
Energy goods and services.....	113.74	116.44	123.31	116.03	104.96	102.60	109.54
Gross domestic purchases less food and energy.....	106.12	108.05	107.92	108.08	108.62	109.01	109.42

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]

Gross national product:							
Current dollars	125.75	129.02	128.73	129.09	130.10	131.72	132.25
Chain-type quantity index.....	117.69	117.96	117.79	117.48	118.54	119.62	119.73
Chain-type price index.....	106.86	109.39	109.29	109.89	109.75	110.11	110.45
Implicit price deflator	106.86	109.38	109.29	109.89	109.74	110.11	110.45
Less: Exports of goods and services and income receipts from the rest of the world:							
Chain-type quantity index.....	133.86	122.04	125.39	118.25	112.94	113.25	117.17
Plus: Command-basis exports of goods and services and income receipts from the rest of the world:							
Chain-type quantity index.....	135.45	125.93	128.09	125.05	117.44	118.00	120.18
Equals: Command-basis gross national product:							
Chain-type quantity index.....	117.91	118.51	118.17	118.45	119.19	120.30	120.16

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]

	2000	2001	Seasonally adjusted				
			2001			2002	
			II	III	IV	I	II
Chain-type quantity indexes							
Personal consumption expenditures.....	118.83	121.76	121.20	121.64	123.42	124.37	124.92
Durable goods.....	142.58	151.16	148.00	149.66	160.91	158.30	159.08
Motor vehicles and parts.....	132.04	141.21	136.34	137.63	156.21	144.35	144.00
Furniture and household equipment	157.89	168.03	165.83	168.67	174.62	180.78	183.72
Other	137.54	142.19	141.30	141.97	145.09	149.38	149.34
Nondurable goods.....	116.50	118.79	118.31	118.69	119.76	122.07	122.03
Food	111.84	112.85	112.91	112.87	112.51	114.69	114.42
Clothing and shoes.....	127.39	130.61	129.44	130.36	133.34	137.62	137.32
Gasoline, fuel oil, and other energy goods.....	107.11	108.21	106.10	108.68	109.75	112.53	111.98
Gasoline and oil	109.29	111.75	109.69	112.65	113.88	116.85	116.51
Fuel oil and coal.....	90.05	81.16	78.76	78.45	78.39	79.75	77.75
Other	122.36	127.12	126.60	127.37	128.80	130.87	131.64
Services.....	115.67	117.98	117.80	118.07	118.69	119.54	120.32
Housing.....	110.19	112.09	111.98	112.24	112.56	113.14	113.71
Household operation	119.08	120.60	120.25	120.37	119.04	120.18	120.68
Electricity and gas	106.45	104.46	103.27	102.80	101.13	103.65	103.79
Other household operation	127.59	131.68	132.03	132.54	131.45	131.57	132.34
Transportation.....	118.14	117.24	117.90	116.71	116.07	117.17	116.88
Medical care.....	110.52	115.21	114.52	115.95	117.25	118.29	119.67
Recreation.....	118.56	122.07	122.01	121.48	122.91	123.31	124.09
Other	124.08	125.12	125.22	124.89	125.99	126.83	127.59
Addenda:							
Energy goods and services ¹	106.67	106.37	104.70	105.88	105.63	108.28	108.07
Personal consumption expenditures less food and energy	120.91	124.42	123.83	124.37	126.55	127.23	127.98
Chain-type price indexes							
Personal consumption expenditures.....	107.39	109.56	109.64	109.62	109.84	110.14	110.89
Durable goods.....	91.46	89.70	89.89	89.29	88.95	88.00	87.36
Motor vehicles and parts.....	99.47	99.84	99.85	99.51	99.79	98.86	98.10
Furniture and household equipment	81.51	76.92	77.32	76.27	75.28	74.02	73.29
Other	95.78	96.08	96.15	96.04	95.88	95.61	95.48
Nondurable goods.....	107.59	109.17	109.80	109.42	108.45	108.52	109.75
Food	108.65	111.89	111.42	112.39	113.05	113.72	113.87
Clothing and shoes.....	95.22	93.35	93.70	92.57	92.03	91.56	91.22
Gasoline, fuel oil, and other energy goods.....	121.92	118.11	129.17	117.93	102.08	99.23	111.53
Gasoline and oil	121.14	116.80	128.65	116.79	100.44	97.95	110.95
Fuel oil and coal.....	129.05	130.74	132.80	128.91	119.25	112.27	115.93
Other	109.40	112.01	111.61	112.63	113.04	113.31	114.14
Services.....	110.85	114.32	114.08	114.40	115.39	116.15	117.00
Housing.....	112.77	117.15	116.51	117.76	118.98	120.34	121.35
Household operation	102.23	106.18	106.62	105.99	105.08	104.71	104.71
Electricity and gas	103.88	114.84	117.27	114.71	109.92	107.83	108.42
Other household operation	101.39	101.45	100.82	101.26	102.41	102.95	102.65
Transportation.....	105.86	108.08	108.21	108.04	108.20	108.92	110.10
Medical care.....	110.19	114.27	114.12	114.27	115.53	116.16	116.90
Recreation.....	112.81	116.58	116.35	117.05	117.80	118.43	119.71
Other	114.26	116.35	116.02	116.05	117.51	118.44	119.44
Addenda:							
Energy goods and services ¹	113.42	116.62	123.64	116.46	105.72	103.22	110.14
Personal consumption expenditures less food and energy	106.85	108.78	108.58	108.78	109.52	109.91	110.42

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]

	2000	2001	Seasonally adjusted				
			2001			2002	
			II	III	IV	I	II
Chain-type quantity indexes							
Private fixed investment	139.52	134.20	134.70	133.23	130.16	129.99	129.68
Nonresidential	147.23	139.55	140.20	138.06	134.13	132.13	131.32
Structures	122.47	120.43	121.95	122.82	112.30	108.09	102.97
Nonresidential buildings, including farm.....	118.94	110.52	113.34	107.73	101.14	97.17	91.65
Utilities.....	139.89	139.52	142.93	137.81	136.88	141.04	134.15
Mining exploration, shafts, and wells.....	128.11	161.41	163.93	170.23	164.84	143.20	143.55
Other structures.....	109.06	149.20	98.82	294.73	101.33	101.75	100.97
Equipment and software	156.58	146.51	146.77	143.28	142.39	141.41	142.55
Information processing equipment and software	203.04	190.92	191.39	185.67	185.12	188.13	193.91
Computers and peripheral equipment ¹	347.77	338.61	337.30	316.88	343.30	369.90	383.36
Software ²	193.80	191.35	190.93	189.69	189.82	188.10	193.67
Other.....	154.57	135.16	136.61	130.79	124.66	127.03	130.74
Industrial equipment.....	117.86	112.69	114.64	109.32	106.02	108.69	106.71
Transportation equipment	134.32	117.80	116.32	115.17	119.08	109.04	103.23
Other.....	129.24	125.83	125.71	126.05	121.77	120.36	125.33
Residential	118.88	119.22	119.39	119.50	118.44	122.44	123.25
Structures	118.79	119.12	119.31	119.42	118.30	122.35	123.17
Single family.....	120.06	121.05	121.33	121.95	120.22	123.91	124.70
Multifamily.....	113.04	120.21	119.45	119.55	123.31	132.84	131.98
Other structures.....	118.18	116.48	116.70	116.16	114.98	118.56	119.71
Equipment	123.30	123.67	122.98	123.07	125.10	126.36	127.32
Chain-type price indexes							
Private fixed investment	100.00	101.16	101.27	101.22	101.19	100.82	100.76
Nonresidential	95.59	95.73	95.97	95.69	95.31	94.82	94.48
Structures	114.04	119.76	120.23	120.14	119.66	118.56	118.77
Nonresidential buildings, including farm.....	116.44	121.05	120.70	121.40	122.47	122.43	122.97
Utilities.....	106.60	109.45	109.10	109.98	110.23	110.68	111.50
Mining exploration, shafts, and wells.....	107.97	125.45	131.55	125.56	116.10	106.93	104.41
Other structures.....	109.69	113.16	112.69	113.15	113.89	115.35	115.93
Equipment and software	90.11	88.76	88.93	88.60	88.26	87.93	87.46
Information processing equipment and software	76.62	73.72	74.23	73.29	72.52	71.96	71.31
Computers and peripheral equipment ¹	37.87	30.91	31.75	30.14	28.53	27.48	26.84
Software ²	97.28	99.10	99.45	98.99	99.05	98.99	98.24
Other.....	92.93	91.37	91.48	91.14	90.86	90.68	90.39
Industrial equipment.....	102.55	103.40	103.45	103.45	103.54	103.42	103.33
Transportation equipment	101.67	101.32	100.71	101.68	101.78	101.73	101.25
Other.....	103.84	105.16	105.05	105.26	105.60	105.70	105.58
Residential	114.40	119.09	118.78	119.50	120.60	120.61	121.40
Structures	114.81	119.61	119.29	120.03	121.16	121.16	121.98
Single family.....	115.50	120.50	119.98	120.77	122.47	122.30	123.10
Multifamily.....	123.00	125.60	125.20	125.50	126.98	126.81	127.64
Other structures.....	112.60	117.49	117.46	118.20	118.49	118.76	119.62
Equipment	98.10	98.50	98.25	98.52	98.50	98.66	98.14

1. Includes new computers and peripheral equipment only.

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

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]

	2000	2001	Seasonally adjusted				
			2001			2002	
			II	III	IV	I	II
Chain-type quantity indexes							
Exports of goods and services	130.09	123.10	125.70	119.89	116.89	117.89	121.89
Goods ¹	134.98	126.97	129.39	122.89	120.40	119.36	123.84
Durable.....	144.14	132.39	135.65	127.61	122.68	121.50	127.18
Nondurable.....	115.25	115.23	115.81	112.64	115.45	114.72	116.56
Services ¹	118.91	114.18	117.17	112.87	108.77	114.24	117.18
Imports of goods and services	146.19	118.90	124.63	113.25	100.73	98.87	102.55
Imports of goods and services	159.48	154.91	157.15	152.32	150.26	153.37	161.24
Goods ¹	162.51	157.18	158.49	154.54	153.24	154.63	164.44
Durable.....	173.28	162.31	163.11	158.62	157.17	160.51	171.12
Nondurable.....	142.38	146.27	148.35	145.38	144.37	142.32	150.62
Services ¹	144.47	143.71	150.84	141.21	134.98	145.69	144.92
Income payments	146.65	118.35	120.78	116.43	93.68	105.14	117.90
Chain-type price indexes							
Exports of goods and services	96.83	96.10	96.46	96.00	95.06	94.88	95.58
Goods ¹	94.05	93.42	93.84	93.26	92.39	92.14	92.67
Durable.....	93.72	93.56	93.79	93.45	93.16	93.17	93.13
Nondurable.....	95.00	93.17	94.05	92.86	90.64	89.78	91.61
Services ¹	103.94	102.94	103.15	102.99	101.89	101.90	103.04
Imports of goods and services	106.80	108.55	108.63	108.60	108.73	109.02	109.61
Imports of goods and services	95.49	92.70	94.22	89.93	90.97	90.61	93.03
Goods ¹	94.63	91.87	92.92	91.36	88.71	88.24	90.55
Durable.....	88.80	87.16	87.57	86.83	86.05	85.60	85.67
Nondurable.....	107.89	102.59	105.01	101.65	95.04	94.52	101.73
Services ¹	99.97	97.03	100.91	81.38	104.08	104.37	107.43
Income payments	107.92	109.57	109.66	109.67	109.66	109.86	110.36

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 7.10. Chain-Type Quantity and Price Indexes for Exports and Imports of Goods and Services by Type of Product
[Index numbers, 1996=100]

	2000	2001	Seasonally adjusted					2000	2001	Seasonally adjusted				
			2001			2002				2001			2002	
			II	III	IV	I	II			II	III	IV	I	II
	Chain-type quantity indexes						Chain-type price indexes							
Exports of goods and services	130.09	123.10	125.70	119.89	116.89	117.89	121.89	96.83	96.10	96.46	96.00	95.06	94.88	95.58
Exports of goods ¹	134.98	126.97	129.39	122.89	120.40	119.36	123.84	94.05	93.42	93.84	93.26	92.39	92.14	92.67
Foods, feeds, and beverages	109.03	112.18	112.84	109.12	113.67	114.08	110.45	79.06	79.31	78.66	80.47	78.70	78.42	79.17
Industrial supplies and materials	119.61	114.96	115.47	112.66	113.29	112.39	117.52	98.76	95.78	97.34	94.95	92.18	91.42	93.92
Durable goods	132.52	121.06	122.76	117.09	115.10	114.84	121.59	94.21	92.53	92.77	92.61	91.45	91.50	92.42
Nondurable goods	112.44	111.41	111.27	109.99	112.06	110.81	115.02	101.67	97.85	100.22	96.45	92.73	91.49	94.92
Capital goods, except automotive	155.85	140.47	144.04	133.34	126.71	124.79	129.40	90.45	90.44	90.74	90.23	90.00	90.02	89.79
Civilian aircraft, engines, and parts	140.15	145.39	150.28	144.43	131.17	133.90	135.55	111.44	117.54	117.25	118.19	118.93	119.65	120.08
Computers, peripherals, and parts	195.19	172.40	173.48	162.63	154.95	146.04	145.85	65.08	63.09	63.70	62.60	61.79	61.21	60.61
Other	151.91	133.48	137.15	125.48	120.52	118.71	124.73	93.31	92.86	93.19	92.59	92.36	92.42	92.17
Automotive vehicles, engines, and parts	120.70	112.92	115.33	115.39	111.16	110.26	120.04	102.39	102.74	102.83	102.83	102.74	103.01	103.07
Consumer goods, except automotive	126.55	125.52	129.71	121.55	119.81	117.51	120.66	100.82	100.46	100.21	100.46	100.66	100.90	99.66
Durable goods	129.97	128.91	134.95	124.84	120.65	119.61	123.76	100.77	100.88	100.58	100.88	101.21	100.81	100.27
Nondurable goods	122.99	121.99	124.24	118.13	118.97	115.32	117.42	100.86	99.99	99.81	99.99	100.06	98.91	99.01
Other	133.84	132.94	133.74	127.84	134.17	139.16	143.00	97.75	97.34	97.72	97.25	96.37	96.13	96.86
Exports of services ¹	118.91	114.18	117.17	112.87	108.77	114.24	117.18	103.94	102.94	103.15	102.99	101.89	101.90	103.04
Transfers under U.S. military agency sales contracts	88.45	79.09	82.92	79.67	83.20	79.67	83.08	98.79	96.95	97.41	97.23	95.68	95.32	95.68
Travel	106.07	93.87	100.54	91.80	77.24	90.11	89.85	111.20	111.68	112.96	111.47	109.41	109.25	110.60
Passenger fares	96.81	83.16	90.93	83.05	67.24	77.45	77.54	105.05	106.08	104.49	106.70	105.76	105.53	106.36
Other transportation	107.49	102.07	103.43	100.07	98.19	100.51	100.43	107.54	106.37	106.38	106.87	104.33	102.54	106.01
Royalties and license fees	114.06	109.54	110.33	108.03	109.42	113.85	119.51	106.95	108.72	109.79	108.76	108.89	109.18	109.77
Other private services	153.94	164.44	164.09	163.96	168.96	168.24	174.52	93.94	90.79	90.64	90.57	90.09	90.68	91.72
Other	107.18	96.08	96.17	94.12	94.80	98.98	104.34	120.44	120.46	120.81	121.42	119.44	118.50	118.21
Imports of goods and services	159.48	154.91	157.15	152.32	150.26	153.37	161.24	95.49	92.70	94.22	89.93	90.97	90.61	93.03
Imports of goods ¹	162.51	157.18	158.49	154.54	153.24	154.63	164.44	94.63	91.87	92.92	91.36	88.71	88.24	90.55
Foods, feeds, and beverages	138.38	144.74	142.22	149.98	147.33	149.04	152.82	93.04	90.23	90.29	89.11	89.45	89.21	90.50
Industrial supplies and materials, except petroleum and products	133.52	128.51	127.05	127.11	126.66	128.49	131.91	103.39	102.44	105.69	98.60	94.09	93.06	96.41
Durable goods	136.82	128.33	125.69	126.14	127.86	130.97	131.98	102.43	98.78	101.03	98.42	94.11	93.84	95.49
Nondurable goods	130.01	128.38	128.03	127.77	125.13	125.63	131.50	104.55	106.41	110.68	99.04	94.28	92.47	97.59
Petroleum and products	118.52	122.65	127.74	118.10	119.23	113.11	121.82	139.40	116.10	122.88	119.36	93.36	93.17	122.01
Capital goods, except automotive	198.28	175.36	176.66	165.67	162.89	167.52	174.57	76.74	74.51	74.89	74.10	73.37	72.67	72.51
Civilian aircraft, engines, and parts	188.27	215.81	214.44	210.36	221.53	197.04	168.58	110.56	114.68	114.46	115.39	115.78	116.05	116.45
Computers, peripherals, and parts	248.13	224.98	224.70	213.39	220.78	245.29	248.65	58.81	53.47	54.49	52.43	50.53	50.23	50.17
Other	181.85	153.73	155.68	144.22	137.29	140.29	152.35	82.51	81.43	81.49	81.25	81.11	80.04	79.77
Automotive vehicles, engines, and parts	149.33	144.79	146.23	146.62	142.87	145.23	158.09	101.73	101.66	101.55	101.44	101.81	101.70	101.81
Consumer goods, except automotive	170.79	173.70	175.21	172.24	170.94	175.71	189.68	95.95	95.17	95.28	95.10	94.72	94.40	94.12
Durable goods	177.98	176.62	177.39	174.00	174.61	182.15	201.09	93.03	91.93	92.10	91.78	91.20	90.77	90.54
Nondurable goods	163.30	170.62	172.89	170.33	167.10	169.03	177.92	99.20	98.80	98.84	98.82	98.68	98.48	98.14
Other	172.78	175.02	178.00	177.09	183.36	167.51	184.22	100.49	100.11	100.57	99.31	98.92	98.68	99.00
Imports of services ¹	144.47	143.71	150.84	141.21	134.98	145.69	144.92	99.97	97.03	100.91	81.38	104.08	104.37	107.43
Direct defense expenditures	140.29	158.92	149.02	156.70	182.87	190.22	190.62	87.62	86.72	85.50	87.57	86.32	82.94	87.74
Travel	139.48	132.22	147.55	126.87	113.80	131.42	126.80	96.68	94.63	94.22	94.94	94.72	93.18	97.20
Passenger fares	132.04	111.68	126.03	114.56	87.90	101.37	99.25	116.38	126.91	124.52	131.05	127.89	127.76	130.81
Other transportation	129.19	122.45	125.88	115.83	118.48	120.62	131.09	117.50	115.69	117.55	115.74	110.93	109.22	110.40
Royalties and license fees	192.19	191.99	189.45	193.03	192.65	221.31	208.87	106.97	108.70	108.77	108.74	108.87	109.16	109.75
Other private services	164.83	183.69	188.29	186.88	175.52	181.81	180.22	88.27	78.26	90.11	27.26	103.74	107.88	111.03
Other	113.45	119.89	119.06	120.68	122.42	126.33	123.63	104.60	104.05	104.47	104.23	102.95	102.37	104.86
Addenda:														
Exports of agricultural goods ²	111.07	114.66	114.61	112.06	118.23	117.65	114.27	77.32	77.86	77.39	79.19	76.81	76.19	76.96
Exports of nonagricultural goods	137.44	128.37	131.02	124.16	120.87	119.78	124.98	95.66	94.93	95.43	94.62	93.90	93.69	94.19
Imports of nonpetroleum goods	166.60	160.02	160.80	157.65	156.08	158.25	168.10	91.63	90.36	90.97	89.55	88.64	88.14	88.57

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]

	2000	2001	Seasonally adjusted					2000	2001	Seasonally adjusted				
			2001			2002				2001			2002	
			II	III	IV	I	II			II	III	IV	I	II
	Chain-type quantity indexes						Chain-type price indexes							
Government consumption expenditures and gross investment¹	111.29	115.36	115.19	114.87	117.76	119.37	119.79	110.65	113.27	113.47	113.37	113.27	114.27	115.06
Federal	102.42	107.33	106.70	107.01	110.46	112.46	114.50	108.23	110.09	110.15	110.30	110.18	112.42	113.07
National defense	97.66	102.51	101.23	102.38	105.87	108.82	110.87	107.53	109.27	109.34	109.51	109.21	111.14	111.71
Consumption expenditures	97.27	102.17	100.82	101.61	105.55	108.05	110.42	109.28	111.50	111.52	111.76	111.55	113.89	114.56
Durable goods ²	108.05	116.02	115.90	125.48	115.45	118.29	118.91	99.36	99.37	99.48	99.29	99.31	99.52	99.72
Nondurable goods	122.09	129.00	128.04	127.68	147.67	149.88	152.03	110.73	106.08	108.19	106.74	99.09	94.31	99.84
Services	95.86	100.50	99.05	99.27	103.74	106.22	108.71	109.95	112.61	112.54	112.89	112.95	115.74	116.26
Compensation of general government employees, except own-account investment ³	90.55	91.09	91.06	90.94	91.13	91.99	93.03	114.75	118.58	118.67	118.91	118.68	124.71	125.19
Consumption of general government fixed capital ⁴	99.21	99.03	99.00	99.00	99.01	99.06	99.22	101.74	101.84	101.91	101.84	101.89	102.30	102.37
Other services	102.45	118.09	113.05	114.02	129.50	136.73	143.65	108.92	111.79	111.40	112.19	112.61	113.04	113.84
Gross investment	100.36	104.87	104.02	107.51	108.08	113.93	113.83	97.62	96.77	97.10	96.88	96.11	95.88	95.89
Structures	69.33	68.01	69.08	62.97	70.49	63.21	66.47	114.80	118.80	118.40	119.09	119.97	120.94	121.56
Equipment and software	105.09	110.58	109.40	114.54	113.87	122.04	121.32	95.67	94.40	94.78	94.48	93.58	93.26	93.23
Nondefense	112.06	117.10	117.76	116.40	119.78	119.91	121.93	109.55	111.64	111.68	111.80	111.99	114.79	115.61
Consumption expenditures	107.56	112.76	113.35	112.89	114.55	114.99	116.48	111.85	114.18	114.18	114.50	114.58	118.21	119.31
Durable goods ²														
Nondurable goods														
Commodity Credit Corporation inventory change														
Other nondurables	79.78	111.07	106.50	113.29	119.91	127.22	135.70	107.67	108.99	110.65	109.05	105.96	106.60	111.34
Services	107.82	111.72	111.39	112.35	113.74	113.95	114.83	112.33	114.75	114.66	114.97	115.30	119.16	120.07
Compensation of general government employees, except own-account investment ³	103.98	103.40	103.33	103.76	103.41	103.95	103.75	117.84	120.51	120.45	120.74	121.05	128.03	129.63
Consumption of general government fixed capital ⁴	145.07	155.81	154.45	157.08	159.86	162.56	165.47	100.98	102.45	102.62	102.42	102.71	102.68	102.44
Other services	99.73	109.87	109.43	110.77	115.13	113.63	115.97	107.77	110.27	109.99	110.60	110.99	111.93	112.39
Gross investment	133.55	137.77	138.75	132.82	144.89	143.43	148.22	100.21	101.39	101.58	101.33	101.55	101.39	101.18
Structures	85.50	80.33	74.31	75.34	88.85	101.08	91.85	113.37	116.73	116.49	116.90	117.67	117.97	118.42
Equipment and software	161.93	172.20	177.78	167.40	178.17	167.59	181.69	95.00	95.58	95.87	95.47	95.55	95.26	94.85
State and local	116.52	120.11	120.20	119.51	122.09	123.47	122.95	111.98	115.01	115.28	115.06	114.97	115.29	116.17
Consumption expenditures	114.39	117.93	117.18	118.62	119.84	120.56	121.04	112.85	115.99	116.35	116.04	115.79	116.19	117.19
Durable goods ²	131.64	139.80	138.78	140.85	143.12	145.10	146.72	99.40	100.11	100.13	100.18	100.29	100.58	100.67
Nondurable goods	128.91	136.09	135.42	136.83	138.57	139.93	140.90	110.67	109.20	112.57	108.93	102.88	103.13	106.74
Services	112.38	115.40	114.65	116.08	117.22	117.84	118.25	113.32	117.18	117.11	117.28	117.89	118.31	118.94
Compensation of general government employees, except own-account investment ³	106.51	108.72	108.06	109.39	110.19	110.53	110.79	114.40	118.80	118.41	119.24	120.18	120.79	121.53
Consumption of general government fixed capital ⁴	123.97	129.92	129.18	130.67	132.15	133.88	135.17	105.84	107.64	107.64	107.56	107.92	107.94	108.04
Other services	216.70	231.02	227.87	231.64	240.18	245.08	246.56	113.15	114.44	117.72	111.10	108.42	107.45	107.86
Gross investment	126.05	129.86	133.87	123.28	132.17	136.57	131.41	108.41	111.00	110.88	111.01	111.60	111.62	111.97
Structures	118.54	121.33	126.42	112.62	123.86	130.10	123.97	115.26	119.49	119.21	119.49	120.67	120.81	121.47
Equipment and software	151.59	159.28	158.88	161.43	160.55	157.30	156.32	90.20	88.96	89.19	88.99	88.28	88.02	87.62
Addenda:														
Compensation of general government employees ⁵	103.53	105.41	104.95	105.89	106.48	106.98	107.30	114.80	118.94	118.66	119.34	120.04	122.10	122.88
Federal	95.43	95.56	95.54	95.60	95.59	96.38	96.94	115.93	119.30	119.33	119.59	119.58	125.98	126.91
State and local ⁵	106.66	109.21	108.58	109.87	110.69	111.06	111.29	114.41	118.80	118.42	119.25	120.19	120.80	121.53

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.
5. Beginning with 2001, in accordance with the Consolidated Appropriations Act of 2001, includes compensation of employees of Indian tribal governments reclassified from the private sector.

Table 7.14. Chain-Type Quantity and Price Indexes for Gross Domestic Product by Sector
[Index numbers, 1996=100]

	2000	2001	Seasonally adjusted				
			2001			2002	
			II	III	IV	I	II
Chain-type quantity indexes							
Gross domestic product	117.64	117.94	117.66	117.58	118.37	119.84	120.21
Business ¹	119.69	119.56	119.30	119.03	119.88	121.52	121.86
Nonfarm ²	119.58	119.51	119.29	119.03	119.73	121.43	121.86
Nonfarm less housing	120.58	120.48	120.15	119.93	120.81	122.67	122.95
Housing	110.61	110.86	111.56	111.00	110.18	110.59	112.17
Farm	130.69	124.00	118.82	117.52	134.98	129.90	120.17
Households and institutions	111.56	114.39	114.36	114.86	115.04	115.74	116.59
Private households	99.77	84.25	87.95	81.84	75.03	72.41	73.19
Nonprofit institutions	111.99	115.49	115.33	116.07	116.49	117.31	118.17
General government ³	105.50	107.69	107.22	108.18	108.83	109.42	109.84
Federal	99.12	99.77	99.68	99.87	100.02	100.78	101.39
State and local	108.50	111.40	110.76	112.06	112.95	113.46	113.79
Chain-type price indexes							
Gross domestic product	106.89	109.42	109.32	109.92	109.78	110.14	110.48
Business ¹	105.93	108.23	108.17	108.73	108.47	108.65	108.89
Nonfarm ²	106.53	108.78	108.68	109.22	109.11	109.16	109.59
Nonfarm less housing	105.94	107.97	107.94	108.39	108.11	108.02	108.39
Housing	112.20	116.62	115.82	117.20	118.89	120.25	121.22
Farm	64.58	70.50	72.67	75.07	64.85	73.18	61.18
Households and institutions	110.86	115.28	114.82	116.17	116.37	117.13	118.47
Private households	113.22	117.43	116.80	117.77	118.44	120.48	121.29
Nonprofit institutions	110.78	115.20	114.75	116.11	116.30	117.03	118.38
General government ³	112.88	116.48	116.26	116.80	117.42	119.13	119.77
Federal	111.74	114.23	114.29	114.44	114.47	118.97	119.60
State and local	113.41	117.47	117.14	117.85	118.71	119.25	119.90

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	1.043	1.061	1.061	1.067	1.058	1.056	1.055
Compensation of employees (unit labor cost)	.698	.708	.712	.710	.697	.695	.693
Unit nonlabor cost	.254	.272	.271	.276	.273	.273	.274
Consumption of fixed capital	.118	.129	.127	.136	.129	.131	.132
Indirect business tax and nontax liability plus business transfer payments less subsidies	.100	.104	.105	.101	.105	.105	.105
Net interest	.036	.039	.039	.039	.039	.037	.037
Corporate profits with inventory valuation and capital consumption adjustments (unit profits from current production)	.091	.081	.078	.080	.088	.088	.088
Profits tax liability	.034	.024	.027	.026	.018	.023	.025
Profits after tax with inventory valuation and capital consumption adjustments	.057	.056	.051	.054	.070	.065	.063

1. The implicit price deflator for gross product of nonfinancial corporate business divided by 100.
 NOTE: Effective with the release scheduled for November 26, 2002, the estimates beginning with 1999 will be revised to reflect revisions to the industry-based price indexes for gross product of nonfinancial corporate business.

Table 7.16B. Implicit Price Deflators for Private Inventories by Industry
[Index numbers, 1996=100]

	Seasonally adjusted				
	2001			2002	
	II	III	IV	I	II
Private inventories ¹	100.59	99.48	98.04	98.48	98.99
Farm	102.66	96.33	95.07	97.32	96.53
Construction, mining, and utilities	113.99	102.19	98.19	97.69	104.47
Manufacturing	100.72	100.17	98.32	98.96	99.45
Durable goods industries	98.73	99.16	98.34	98.41	98.81
Nondurable goods industries	104.16	101.93	98.36	99.93	100.57
Wholesale trade	96.42	95.89	94.34	94.85	95.62
Durable goods industries	92.21	91.83	91.33	91.26	91.66
Nondurable goods industries	103.80	103.00	99.73	101.16	102.50
Retail trade	102.69	102.65	102.00	102.00	101.98
Motor vehicle dealers	100.21	100.28	99.48	98.93	98.59
Food and beverage stores	109.52	110.05	109.59	110.32	109.41
General merchandise stores	103.02	103.07	102.86	102.59	102.62
Other retail stores	103.25	103.00	102.26	102.61	102.96
Other industries	101.76	100.95	99.52	99.07	99.71
Addenda:					
Private inventories	100.59	99.48	98.04	98.48	98.99
Durable goods industries	97.10	97.14	96.49	96.41	96.68
Nondurable goods industries	104.28	102.01	99.82	100.74	101.49
Nonfarm industries	100.52	99.79	98.34	98.63	99.25
Wholesale trade	96.42	95.89	94.34	94.85	95.62
Merchant wholesale trade	95.72	95.30	94.12	94.44	95.10
Durable goods industries	92.05	91.66	91.15	91.07	91.49
Nondurable goods industries	102.22	101.74	99.45	100.39	101.44
Nonmerchant wholesale trade	100.75	99.54	95.65	97.39	98.80

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]

	2000	2001	Seasonally adjusted				
			2001			2002	
			II	III	IV	I	II
Gross domestic product..	117.64	117.94	117.66	117.58	118.37	119.84	120.21
Final sales of domestic product.....	117.19	118.95	118.65	118.60	119.81	120.51	120.49
Change in private inventories.....							
Goods	124.50	121.64	121.10	120.64	121.92	124.38	124.50
Final sales.....	123.36	124.71	124.07	123.71	126.21	126.43	125.39
Change in private inventories.....							
Durable goods.....	138.45	129.90	129.56	127.83	128.92	131.84	132.10
Final sales.....	136.73	136.94	136.41	134.86	138.44	135.27	134.22
Change in private inventories.....							
Nondurable goods.....	113.31	114.62	113.95	114.38	115.79	117.90	117.93
Final sales.....	112.70	114.86	114.16	114.63	116.34	118.96	117.94
Change in private inventories.....							
Services	112.84	115.16	114.76	115.27	116.18	117.09	118.01
Structures	118.92	118.80	120.23	118.02	116.33	118.06	115.51
Addenda:							
Motor vehicle output.....	122.09	114.63	113.29	116.20	120.66	123.54	125.97
Gross domestic product less motor vehicle output	117.48	118.03	117.79	117.61	118.28	119.70	120.01

Table 7.18B. Chain-Type Quantity Indexes for Motor Vehicle Output
[Index numbers, 1996=100]

	2000	2001	Seasonally adjusted				
			2001			2002	
			II	III	IV	I	II
Motor vehicle output...	122.09	114.63	113.29	116.20	120.66	123.54	125.97
Auto output.....	96.89	89.86	90.04	92.57	92.77	95.00	93.02
Truck output ¹	142.99	135.17	132.58	135.80	143.75	147.17	153.18
Final sales of domestic product.....	118.30	119.40	115.11	114.80	132.37	117.53	115.98
Personal consumption expenditures.....	133.44	143.85	137.98	139.35	161.11	146.80	146.73
New motor vehicles.....	138.70	152.65	143.96	146.32	178.16	159.22	156.46
Autos.....	130.72	131.93	127.57	124.97	145.74	130.40	129.18
Light trucks.....	148.20	177.01	163.26	171.41	216.21	193.06	188.48
Net purchases of used autos.....	117.41	117.43	119.79	118.28	110.58	109.88	117.67
Private fixed investment.....	123.40	106.83	107.50	103.64	104.88	95.86	100.72
New motor vehicles.....	120.36	106.87	107.98	104.00	103.77	96.41	102.26
Autos.....	103.42	95.08	97.18	93.08	88.51	84.78	90.77
Trucks.....	136.63	118.27	118.47	114.57	118.41	107.62	113.36
Light trucks.....	147.36	137.74	137.12	133.13	140.85	126.81	132.07
Other.....	116.36	82.30	83.97	80.24	77.15	72.21	78.64
Net purchases of used autos.....	109.17	106.65	109.35	104.92	99.52	98.10	107.53
Gross government investment.....	121.45	126.36	126.21	122.42	131.08	125.94	117.17
Autos.....	95.52	97.37	100.92	102.36	102.43	101.19	92.55
New trucks.....	135.99	142.63	140.37	133.64	147.13	139.76	130.97
Net exports.....	95.72	92.55	93.67	97.95	95.81	94.07	102.26
Exports.....	95.38	101.19	100.61	109.80	107.12	104.95	116.09
Autos.....	96.54	77.15	81.34	76.81	75.64	74.65	77.57
Trucks.....	156.20	153.19	154.63	154.30	150.61	150.99	164.52
Imports.....	161.70	157.44	159.18	156.19	152.16	155.00	171.40
Autos.....	130.03	132.92	132.89	145.02	142.97	131.76	131.82
Trucks.....							
Change in private inventories.....							
Autos.....							
New.....							
Domestic.....							
Foreign.....							
Used.....							
New trucks.....							
Domestic.....							
Foreign.....							
Addenda:							
Final sales of motor vehicles to domestic purchasers ...	129.37	129.80	126.49	125.81	139.68	127.60	129.04
Private fixed investment in new autos and new light trucks.....	121.27	112.41	113.40	109.35	109.79	101.87	107.57
Domestic output of new autos ²	101.22	92.85	93.27	94.79	92.11	96.57	101.17
Sales of imported new autos ³	154.42	152.80	154.45	148.62	159.00	151.28	153.87

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 8.2. Contributions to Percent Change in Real Gross Domestic Product

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Percent change at annual rate:							
Gross domestic product.....	3.8	.3	-1.6	-.3	2.7	5.0	1.3
Percentage points at annual rates:							
Personal consumption expenditures	2.94	1.67	.92	.97	4.05	2.22	1.22
Durable goods.....	.65	.48	.42	.36	2.45	-.55	.16
Motor vehicles and parts.....	.17	.24	.17	.13	1.88	-1.18	-.03
Furniture and household equipment.....	.35	.19	.21	.20	.42	.43	.20
Other.....	.13	.06	.04	.03	.15	.20	.00
Nondurable goods.....	.77	.39	-.07	.25	.73	1.57	-.02
Food.....	.37	.09	-.08	-.14	.13	.65	-.09
Clothing and shoes.....	.18	.08	.01	.09	.28	.40	-.03
Gasoline, fuel oil, and other energy goods.....	-.02	.02	-.16	.18	.07	.16	-.03
Other.....	.25	.21	.15	.13	.25	.37	.13
Services.....	1.51	.80	.57	.35	.87	1.20	1.08
Housing.....	.19	.17	.14	.09	.12	.22	.21
Household operation.....	.21	.05	-.35	.01	-.18	.15	.06
Electricity and gas.....	.05	-.03	-.45	-.03	-.10	.14	.01
Other household operation.....	.16	.08	.10	.04	-.08	.01	.06
Transportation.....	.08	-.02	-.04	-.11	-.06	.10	-.03
Medical care.....	.28	.43	.51	.53	.48	.40	.51
Recreation.....	.10	.08	.01	-.05	.13	.04	.07
Other.....	.65	.09	.29	-.11	.38	.30	.26
Gross private domestic investment	1.08	-1.90	-3.09	-.81	-2.88	2.53	1.16
Fixed investment	1.03	-.65	-1.95	-.72	-1.49	-.07	-.15
Nonresidential.....	.98	-.66	-1.93	-.73	-1.33	-.66	-.27
Structures.....	.20	-.05	-.29	.10	-1.12	-.44	-.53
Equipment and software.....	.78	-.61	-1.64	-.83	-.21	-.22	.26
Information processing equipment and software.....	.63	-.26	-.86	-.48	-.05	.25	.46
Computers and peripheral equipment.....	.17	-.02	-.18	-.18	.22	.21	.10
Software ¹.....	.16	-.02	-.15	-.05	.01	-.06	.20
Other.....	.30	-.22	-.53	-.26	-.27	.10	.16
Industrial equipment.....	.15	-.07	-.34	-.30	-.18	.15	-.11
Transportation equipment.....	-.07	-.23	-.24	-.07	.22	-.56	-.32
Other.....	.08	-.04	-.19	.02	-.20	-.06	.23
Residential.....	.05	.01	-.02	.02	-.16	.60	.12
Change in private inventories.....	.06	-1.24	-1.14	-.09	-1.39	2.60	1.31
Farm.....	-.01	.04	-.32	.18	.05	.09	-.20
Nonfarm.....	.06	-1.28	-.83	-.27	-1.43	2.51	1.51
Net exports of goods and services	-.75	-.18	-.42	-.24	-.28	-.75	-1.40
Exports	1.04	-.59	-1.42	-1.94	-.99	.33	1.29
Goods.....	.85	-.47	-1.34	-1.49	-.56	-.23	.99
Services.....	.19	-.13	-.08	-.45	-.42	.56	.30
Imports	-1.79	.42	1.00	1.70	.70	-1.08	-2.69
Goods.....	-1.54	.40	1.18	1.17	.37	-.40	-2.74
Services.....	-.24	.01	-.18	.53	.33	-.68	.05
Government consumption expenditures and gross investment.....	.49	.65	1.00	-.21	1.85	1.04	.27
Federal.....	.08	.29	.36	.07	.80	.47	.47
National defense.....	.00	.19	.10	.18	.54	.46	.32
Consumption expenditures.....	-.01	.16	.02	.10	.53	.34	.32
Gross investment.....	.01	.02	.09	.07	.01	.12	.00
Nondefense.....	.08	.10	.25	-.11	.26	.01	.16
Consumption expenditures.....	.07	.08	.20	-.03	.11	.03	.10
Gross investment.....	.01	.01	.05	-.08	.15	-.02	.06
State and local.....	.41	.36	.64	-.28	1.05	.56	-.21
Consumption expenditures.....	.35	.30	.37	.48	.41	.25	.16
Gross investment.....	.06	.07	.27	-.76	.64	.32	-.37
Addenda:							
Goods.....	1.74	-.85	-2.08	-.53	1.52	2.89	.14
Services.....	1.77	1.11	.61	.94	1.75	1.60	1.91
Structures.....	.25	-.01	-.12	-.70	-.54	.56	-.80
Motor vehicle output.....	-.10	-.21	.53	.31	.48	.31	.25
Final sales of computers ².....	.25	.08	-.18	-.04	.19	-.06	.08

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 8.3. Contributions to Percent Change in Real Personal Consumption Expenditures by Major Type of Product

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Percent change at annual rate:							
Personal consumption expenditures.....	4.4	2.5	1.4	1.5	6.0	3.1	1.8
Percentage points at annual rates:							
Durable goods.....	.97	.71	.62	.53	3.56	-.80	.23
Motor vehicles and parts.....	.26	.35	.25	.19	2.72	-1.70	-.05
Furniture and household equipment.....	.51	.28	.31	.30	.62	.61	.29
Other.....	.20	.08	.06	.05	.21	.29	.00
Nondurable goods	1.15	.58	-.08	.38	1.08	2.23	-.03
Food.....	.55	.13	-.10	-.20	.20	.92	-.13
Clothing and shoes.....	.26	.12	.02	.13	.41	.57	-.04
Gasoline, fuel oil, and other energy goods.....	-.02	.03	-.22	.26	.10	.22	-.04
Other.....	-.01	.05	-.10	.26	.10	.21	-.02
Fuel oil and coal.....	-.01	-.03	-.13	.00	.00	.01	-.02
Other.....	.36	.30	.23	.19	.37	.52	.19
Services	2.23	1.17	.86	.54	1.33	1.69	1.56
Housing.....	.29	.25	.22	.14	.19	.30	.30
Household operation.....	.31	.07	-.50	.01	-.25	.21	.09
Electricity and gas.....	.08	-.04	-.65	-.04	-.14	.20	.01
Other household operation.....	.23	.12	.15	.05	-.12	.01	.08
Transportation.....	.11	-.03	-.05	-.16	-.08	.14	-.04
Medical care.....	.42	.64	.75	.77	.72	.56	.73
Recreation.....	.14	.11	.02	-.07	.19	.05	.10
Other.....	.96	.13	.44	-.16	.57	.41	.37
Addenda:							
Energy goods and services ¹.....	.05	-.01	-.87	.21	-.04	.42	-.03
Personal consumption expenditures less food and energy.....	3.75	2.35	2.38	1.44	5.81	1.78	1.94

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.

Table 8.4. Contributions to Percent Change in Real Private Fixed Investment by Type

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Percent change at annual rate:							
Private fixed investment.....	6.1	-3.8	-11.1	-4.3	-8.9	-5	-1.0
Percentage points at annual rates:							
Nonresidential.....	5.77	-3.88	-11.04	-4.42	-8.03	-4.29	-1.74
Structures.....	1.19	-.31	-1.59	.59	-6.87	-2.83	-3.44
Nonresidential buildings, including farm.....	.49	-.95	-2.92	-2.65	-3.14	-1.98	-2.75
Utilities.....	.31	-.01	.24	-.49	-.08	.42	-.69
Mining exploration, shafts, and wells.....	.37	.48	1.13	.42	-.33	-1.28	.02
Other structures.....	.03	.16	-.05	3.32	-3.33	.01	-.01
Equipment and software.....	4.58	-3.57	-9.44	-5.02	-1.16	-1.46	1.70
Information processing equipment and software.....	3.70	-1.54	-4.98	-2.92	-.24	1.57	2.99
Computers and peripheral equipment ¹	1.01	-.13	-1.05	-1.08	1.36	1.32	.65
Software ².....	.92	-.13	-.84	-.28	.03	-.41	1.31
Other.....	1.77	-1.27	-3.09	-1.55	-1.63	.66	1.02
Industrial equipment.....	.86	-.43	-1.99	-1.81	-1.11	.95	-.70
Transportation equipment.....	-.42	-1.37	-1.39	-.39	1.39	-3.56	-2.06
Other.....	.45	-.23	-1.08	.10	-1.20	-.42	1.48
Residential.....	.29	.07	-.01	.11	-.88	3.79	.78
Structures.....	.26	.07	-.01	.11	-.92	3.77	.76
Single family.....	.15	.11	.35	.30	-.77	1.80	.38
Multifamily.....	-.03	.11	.06	.01	.24	.62	-.06
Other structures.....	.14	-.15	-.42	-.19	-.39	1.35	.43
Equipment.....	.03	.00	-.01	.00	.04	.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

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Percent change at annual rate:							
Exports of goods and services.....	9.7	-5.4	-12.4	-17.3	-9.6	3.5	14.3
Percentage points at annual rates:							
Exports of goods¹.....	7.94	-4.23	-11.86	-13.36	-5.45	-2.43	10.92
Foods, feeds, and beverages.....	.27	.13	-.01	-.55	.82	.08	-.61
Industrial supplies and materials.....	1.48	-.58	-1.37	-1.23	.39	-.47	2.84
Capital goods, except automotive.....	4.79	-3.21	-11.34	-8.87	-5.94	-1.79	4.48
Automotive vehicles, engines, and parts.....	.45	-.47	1.39	.02	-1.10	-.25	2.73
Consumer goods, except automotive.....	.81	-.07	-.28	-2.06	-.46	-.67	.96
Other.....	.15	-.03	-.25	-.67	.83	.67	.54
Exports of services¹.....	1.79	-1.14	-.54	-3.89	-4.18	5.89	3.36
Percent change at annual rate:							
Imports of goods and services ..	13.2	-2.9	-6.8	-11.8	-5.3	8.5	22.2
Percentage points at annual rates:							
Imports of goods¹.....	11.39	-2.78	-8.05	-7.97	-2.76	3.24	22.25
Foods, feeds, and beverages.....	.24	.14	.25	.73	-.25	.18	.41
Industrial supplies and materials, except petroleum and products.....	.83	-.45	-2.25	.11	-.15	.68	1.38
Petroleum and products.....	.42	.27	.56	-2.40	.27	-1.25	2.13
Capital goods, except automotive.....	4.65	-2.73	-9.18	-5.25	-1.40	2.40	3.77
Automotive vehicles, engines, and parts.....	1.23	-.41	1.02	.22	-1.47	.98	5.21
Consumer goods, except automotive.....	3.33	.33	-.52	-1.29	-.62	2.42	7.03
Other.....	.70	.07	2.07	-.09	.86	-2.16	2.32
Imports of services¹.....	1.81	-.08	1.29	-3.79	-2.54	5.31	-1.10

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

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Percent change at annual rate:							
Government consumption expenditures and gross investment ¹	2.7	3.7	5.6	-1.1	10.5	5.6	1.4
Percentage points at annual rates:							
Federal.....	.43	1.61	2.00	.39	4.49	2.53	2.52
National defense.....	-.01	1.06	.59	.97	3.01	2.46	1.68
Consumption expenditures.....	-.08	.92	.11	.57	2.94	1.81	1.69
Durable goods ².....	.00	.09	.40	.43	-.45	.13	.03
Nondurable goods.....	.03	.03	.28	-.01	.34	.04	.03
Services.....	-.11	.80	-.57	.14	3.04	1.65	1.63
Compensation of general government employees, except own-account investment ³	-.03	.05	-.05	-.04	.09	.30	.36
Consumption of general government fixed capital ⁴.....	.00	-.01	-.01	.00	.00	.01	.02
Other services.....	-.08	.76	-.51	.18	2.94	1.34	1.25
Gross investment.....	.07	.14	.48	.40	.08	.65	-.01
Structures.....	-.01	-.01	-.01	-.10	.13	-.12	.05
Equipment and software.....	.08	.14	.49	.50	-.06	.77	-.07
Nondefense.....	.44	.55	1.41	-.57	1.48	.07	.84
Consumption expenditures.....	.40	.47	1.12	-.16	1.63	.16	.52
Durable goods ².....	.01	.01	-.01	.00	.02	.01	.00
Nondurable goods.....	-.01	.13	.43	-.48	.10	.07	.22
Services.....	.40	.34	.69	.32	.51	.08	.29
Compensation of general government employees, except own-account investment ³.....	.17	-.03	.06	.09	-.05	.11	-.04
Consumption of general government fixed capital ⁴.....	.14	.11	.11	.10	.12	.11	.11
Other services.....	.10	.26	.53	.13	.44	-.14	.22
Gross investment.....	.04	.08	.29	-.41	.85	-.10	.32
Structures.....	-.08	-.04	-.24	.03	.38	.34	-.25
Equipment and software.....	.12	.11	.53	-.44	.46	-.43	.57
State and local.....	2.29	2.05	3.62	-1.51	5.98	3.03	-1.10
Consumption expenditures.....	1.97	1.66	2.11	2.63	2.43	1.33	.84
Durable goods ².....	.07	.06	.07	.06	.07	.06	.04
Nondurable goods.....	.42	.36	.38	.27	.34	.24	.17
Services.....	1.48	1.24	1.66	2.30	2.02	1.03	.63
Compensation of general government employees, except own-account investment ³.....	.75	.79	1.21	1.85	1.28	.50	.36
Consumption of general government fixed capital ⁴.....	.28	.24	.25	.24	.26	.27	.20
Other services.....	.45	.21	.21	.22	.48	.26	.08
Gross investment.....	.32	.39	1.51	-4.14	3.56	1.70	-1.94
Structures.....	.10	.23	1.30	-4.34	3.61	1.95	-1.87
Equipment and software.....	.23	.16	.22	.20	-.06	-.25	-.07

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]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Current dollars:							
Gross domestic product.....	34,779	35,264	35,211	35,262	35,343	35,803	35,919
Gross national product.....	34,862	35,340	35,320	35,303	35,465	35,809	35,850
Personal income.....	29,759	30,378	30,398	30,403	30,288	30,562	30,854
Disposable personal income.....	25,205	25,859	25,717	26,275	25,729	26,616	26,953
Personal consumption expenditures.....	23,660	24,438	24,385	24,388	24,715	24,906	25,112
Durable goods.....	2,846	2,924	2,874	2,877	3,072	2,966	2,966
Nondurable goods.....	6,984	7,140	7,164	7,139	7,117	7,239	7,297
Services.....	13,830	14,375	14,346	14,372	14,526	14,685	14,848
Chained (1996) dollars:							
Gross domestic product.....	32,537	32,229	32,209	32,080	32,195	32,505	32,511
Gross national product.....	32,625	32,309	32,318	32,127	32,316	32,520	32,457
Disposable personal income.....	23,471	23,602	23,456	23,970	23,424	24,166	24,307
Personal consumption expenditures.....	22,032	22,305	22,241	22,248	22,501	22,613	22,646
Durable goods.....	3,111	3,259	3,197	3,222	3,453	3,388	3,395
Nondurable goods.....	6,492	6,540	6,525	6,524	6,562	6,670	6,649
Services.....	12,477	12,574	12,576	12,563	12,589	12,644	12,690
Population (mid-period, thousands).....	282,489	285,908	285,418	286,360	287,272	288,051	288,897

Table 8.8B. Motor Vehicle Output
[Billions of dollars]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Motor vehicle output.....	335.4	312.0	307.9	315.6	327.7	331.8	334.7
Auto output.....	118.8	109.6	110.1	112.5	112.7	114.1	110.3
Truck output ¹	216.5	202.4	197.9	203.2	215.0	217.7	224.4
Final sales of domestic product.....	329.2	329.3	317.1	316.1	364.4	320.4	312.6
Personal consumption expenditures.....							
New motor vehicles.....	267.5	288.4	276.8	278.3	322.6	290.6	287.5
Autos.....	105.5	105.9	102.4	100.0	117.2	104.1	102.2
Light trucks.....	102.6	121.8	112.3	117.3	149.0	131.0	126.6
Net purchases of used autos.....	59.4	60.6	62.1	60.9	56.4	55.5	58.7
Private fixed investment.....							
New motor vehicles.....	150.0	127.7	127.7	124.3	125.7	114.9	119.9
Autos.....	186.6	164.2	165.2	159.9	159.3	147.5	155.1
Trucks.....	77.1	70.6	72.1	68.9	65.8	62.5	66.4
Light trucks.....	109.5	93.6	93.1	91.1	93.5	85.0	88.7
Other.....	76.5	70.2	69.5	68.4	71.2	64.0	65.7
Net purchases of used autos.....	33.0	23.4	23.6	22.7	22.3	21.0	23.0
Net purchases of used autos.....	-36.6	-36.5	-37.6	-35.7	-33.5	-32.6	-35.2
Gross government investment.....							
Autos.....	13.4	13.7	13.7	13.3	14.2	13.7	12.7
Autos.....	3.8	3.8	4.0	4.0	4.1	3.7	3.7
New trucks.....	9.6	9.9	9.7	9.3	10.2	9.7	9.0
Net exports.....							
Exports.....	-101.7	-100.5	-101.0	-99.8	-98.1	-98.9	-107.5
Autos.....	26.1	25.4	25.7	26.9	26.4	25.9	28.3
Trucks.....	16.7	17.8	17.7	19.3	18.9	18.6	20.6
Imports.....	9.4	7.6	8.0	7.5	7.4	7.4	7.7
Imports.....	127.8	125.9	126.7	126.6	124.4	124.8	135.8
Autos.....	109.2	106.7	107.5	105.6	103.7	105.7	116.6
Trucks.....	18.6	19.2	19.2	21.0	20.7	19.1	19.2
Change in private inventories.....							
Autos.....	6.1	-17.3	-9.2	-4	-36.7	11.4	22.1
New.....	2.1	-6.1	-3.1	.7	-12.4	7.6	10.5
Domestic.....	1.2	-6.7	-3.5	.2	-12.9	7.1	10.4
Foreign.....	.7	-7.4	-3.4	-.7	-13.5	6.9	9.1
Used.....	.6	.7	-.1	.8	.6	.2	1.3
Used.....	.9	.6	.4	.5	.5	.5	.1
New trucks.....	4.1	-11.3	-6.1	-1.1	-24.4	3.8	11.6
Domestic.....	3.2	-10.7	-5.5	-.9	-23.7	2.4	11.6
Foreign.....	.9	-.5	-.6	-.2	-.7	1.4	.1
Addenda:							
Final sales of motor vehicles to domestic purchasers.....	430.9	429.8	418.1	415.8	462.5	419.3	420.1
Private fixed investment in new autos and new light trucks.....	153.6	140.8	141.6	137.3	136.9	126.5	132.1
Domestic output of new autos ²	117.4	107.3	107.9	109.1	106.0	111.2	115.8
Sales of imported new autos ³	84.2	82.9	83.5	80.5	87.0	81.6	82.3

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]

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Motor vehicle output.....	336.5	315.9	312.2	320.2	332.6	340.5	347.2
Auto output.....	122.2	113.4	113.6	116.8	117.0	119.8	117.3
Truck output ¹	213.7	202.0	198.2	203.0	214.9	220.0	229.0
Final sales of domestic product.....	330.8	333.9	321.9	321.0	370.2	328.7	324.3
Personal consumption expenditures.....							
New motor vehicles.....	269.0	290.0	278.1	280.9	324.8	295.9	295.8
Autos.....	208.3	229.2	216.2	219.7	267.5	239.1	234.9
Light trucks.....	107.0	108.0	104.4	102.3	119.3	106.8	105.8
Net purchases of used autos.....	101.2	120.9	111.5	117.0	147.6	131.8	128.7
Net purchases of used autos.....	60.4	60.4	61.6	60.8	56.9	56.5	60.5
Private fixed investment.....							
New motor vehicles.....	149.1	129.1	129.9	125.2	126.7	115.8	121.7
Autos.....	186.8	165.8	167.6	161.4	161.0	149.6	158.7
Trucks.....	78.3	71.9	73.5	70.4	67.0	64.1	68.7
Light trucks.....	108.6	94.0	94.2	91.1	94.1	85.6	90.1
Other.....	77.1	72.0	71.7	69.6	73.7	66.3	69.1
Net purchases of used autos.....	31.7	22.4	22.9	21.8	21.0	19.7	21.4
Net purchases of used autos.....	-37.5	-36.7	-37.6	-36.1	-34.2	-33.7	-37.0
Gross government investment.....							
Autos.....	13.2	13.7	13.7	13.3	14.2	13.6	12.7
Autos.....	3.7	3.7	3.9	3.9	3.9	3.9	3.5
New trucks.....	9.5	10.0	9.8	9.4	10.3	9.8	9.2
Net exports.....							
Exports.....	-99.4	-97.8	-98.7	-97.3	-94.9	-95.7	-104.3
Autos.....	24.9	24.0	24.3	25.4	24.9	24.4	26.6
Trucks.....	16.2	17.2	17.1	18.6	18.2	17.8	19.7
Imports.....	8.7	7.0	7.3	6.9	6.8	6.7	7.0
Imports.....	124.2	121.8	123.0	122.7	119.8	120.1	130.9
Autos.....	106.5	103.7	104.8	102.9	100.2	102.1	112.9
Trucks.....	17.8	18.2	18.2	19.8	19.6	18.0	18.0
Change in private inventories.....							
Autos.....	5.7	-15.9	-8.4	-.4	-33.5	10.2	20.1
New.....	2.1	-6.2	-3.1	.7	-12.7	7.8	10.8
Domestic.....	1.2	-6.8	-3.6	.2	-13.2	7.2	10.7
Foreign.....	.7	-7.6	-3.5	-.7	-14.0	7.1	9.5
Used.....	.5	.7	-.1	.8	.6	.2	1.2
Used.....	.9	.6	.4	.5	.5	.5	.1
New trucks.....	3.3	-8.8	-4.8	-.9	-18.8	2.8	8.7
Domestic.....	2.6	-8.3	-4.3	-.7	-18.0	1.7	8.6
Foreign.....	.8	-.5	-.5	-.2	-.7	1.3	.1
Residual.....							
Residual.....	-1.0	-3.9	-2.9	-1.4	-6.5	.1	2.0
Addenda:							
Final sales of motor vehicles to domestic purchasers.....	431.1	432.5	421.5	419.2	465.4	425.2	430.0
Private fixed investment in new autos and new light trucks.....	155.2	143.8	145.1	139.9	140.5	130.4	137.6
Domestic output of new autos ²	118.1	108.4	108.8	110.6	107.5	112.7	118.1
Sales of imported new autos ³	85.4	84.6	85.5	82.2	88.0	83.7	85.1

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

	2000	2001	Seasonally adjusted at annual rates				
			2001			2002	
			II	III	IV	I	II
Percent change at annual rate:							
Gross domestic purchases	2.5	1.9	1.7	-2	.4	1.2	2.3
Percentage points at annual rates:							
Personal consumption expenditures	1.67	1.34	1.23	-.03	.55	.74	1.83
Durable goods	-.14	-.16	-.27	-.21	-.12	-.35	-.23
Motor vehicles and parts .....	.01	.01	-.04	-.05	-.04	-.13	-.10
Furniture and household equipment	-.14	-.17	-.22	-.16	-.15	-.20	-.12
Other	-.01	.01	-.01	-.01	-.01	-.02	-.01
Nondurable goods .....	.72	.29	.58	-.27	-.69	.05	.89
Food .....	.22	.28	.25	.33	.22	.23	.05
Clothing and shoes	-.04	-.06	-.18	-.15	-.07	-.06	-.04
Gasoline, fuel oil, and other energy goods .....	.42	-.06	.34	-.65	-.93	-.17	.72
Other .....	.12	.12	.16	.20	.08	.05	.16
Services	1.08	1.21	.93	.44	1.37	1.05	1.18
Housing .....	.30	.37	.42	.41	.44	.42	.33
Household operation .....	.07	.15	-.05	-.08	-.13	-.05	.00
Electricity and gas .....	.08	.15	.00	-.13	-.24	-.10	.03
Other household operation	-.01	.00	-.04	.04	.11	.05	-.03
Transportation .....	.01	.05	.03	-.02	.02	.07	.11
Medical care .....	.29	.37	.34	.06	.46	.23	.27
Recreation .....	.09	.08	.11	.06	.07	.06	.11
Other .....	.32	.19	.07	.01	.52	.33	.35
Gross private domestic investment .....	.18	.19	.13	-.08	-.04	-.22	-.06
Fixed investment .....	.19	.19	.19	-.03	-.02	-.22	-.03
Nonresidential .....	.01	.02	.01	-.13	-.18	-.22	-.15
Structures .....	.12	.15	.13	-.01	-.05	-.10	.02
Equipment and software	-.11	-.14	-.12	-.12	-.13	-.12	-.17
Information processing equipment and software	-.14	-.16	-.14	-.20	-.16	-.11	-.13
Computers and peripheral equipment	-.13	-.17	-.14	-.14	-.14	-.10	-.06
Software ¹ .....	.02	.03	.04	-.03	.00	.00	-.05
Other	-.03	-.03	-.04	-.02	-.02	-.01	-.02
Industrial equipment .....	.01	.01	.02	.00	.00	-.01	-.01
Transportation equipment .....	.02	-.01	-.02	.06	.01	.00	-.03
Other equipment .....	.01	.02	.02	.01	.02	.01	-.01
Residential .....	.18	.17	.19	.10	.16	.00	.11
Change in private inventories	-.01	.00	-.06	-.05	-.02	.00	-.03
Farm .....	.00	.00	.00	.00	.00	.00	.00
Nonfarm	-.01	.00	-.06	-.05	-.02	.00	-.03
Government consumption expenditures and gross investment .....	.66	.41	.32	-.06	-.06	.64	.51
Federal .....	.18	.10	.09	.03	-.03	.50	.15
National defense .....	.11	.06	.05	.02	-.04	.28	.08
Consumption expenditures .....	.11	.07	.04	.03	-.02	.29	.08
Gross investment .....	.00	.00	.00	.00	-.02	-.01	.00
Nondefense .....	.06	.04	.05	.01	.01	.22	.06
Consumption expenditures .....	.06	.04	.04	.01	.01	.23	.07
Gross investment .....	.01	.00	.01	.00	.00	.00	.00
State and local .....	.49	.31	.23	-.09	-.04	.13	.36
Consumption expenditures .....	.41	.26	.20	-.10	-.08	.13	.33
Gross investment .....	.07	.05	.03	.01	.05	.00	.03
Addenda:							
Final sales of computers ²	-.21	-.27	-.24	-.24	-.23	-.19	-.11
Gross domestic purchases less final sales of computers	2.72	2.21	1.92	.07	.68	1.35	2.39
Food .....	.22	.28	.26	.33	.22	.23	.04
Energy goods and services .....	.63	.09	.26	-1.00	-1.52	-.32	.93
Gross domestic purchases less food and energy	1.65	1.57	1.17	.50	1.74	1.25	1.31

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 September 30, 2002, and they include "preliminary" estimates for August 2002 and "revised" estimates for January–July 2002.

Table B.1. Personal Income

[Billions of dollars; monthly estimates seasonally adjusted at annual rates]

	2000	2001	2001						2002							
			July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. ^r	Feb. ^r	March ^r	April ^r	May ^r	June ^r	July ^r	Aug. ^p
Personal income	8,406.6	8,685.3	8,710.1	8,701.0	8,707.5	8,685.2	8,686.7	8,730.9	8,766.8	8,807.2	8,836.3	8,869.2	8,906.0	8,966.0	8,968.6	9,001.6
Wage and salary disbursements.....	4,836.3	4,950.6	4,962.9	4,952.3	4,946.1	4,923.5	4,922.3	4,948.6	4,941.0	4,956.9	4,975.4	4,972.7	4,990.1	5,028.0	5,013.8	5,037.6
Private industries.....	4,067.4	4,139.8	4,149.2	4,136.1	4,124.6	4,100.2	4,097.6	4,120.8	4,104.7	4,116.0	4,131.4	4,126.9	4,141.8	4,177.1	4,160.7	4,181.0
Goods-producing industries.....	1,163.7	1,142.4	1,144.0	1,139.9	1,136.2	1,125.0	1,121.7	1,123.0	1,115.2	1,116.1	1,119.4	1,116.4	1,117.1	1,123.1	1,116.9	1,120.5
Manufacturing.....	829.4	789.4	788.1	782.9	779.1	772.9	768.6	768.2	759.1	759.0	760.2	759.1	760.6	764.7	759.4	759.9
Distributive industries.....	1,094.8	1,109.2	1,117.3	1,112.0	1,103.1	1,097.3	1,096.1	1,102.4	1,103.6	1,109.6	1,117.1	1,113.2	1,118.1	1,126.6	1,120.4	1,124.3
Service industries.....	1,808.9	1,888.2	1,887.8	1,884.2	1,885.4	1,877.8	1,879.8	1,895.4	1,885.9	1,890.3	1,894.8	1,897.4	1,906.6	1,927.4	1,923.4	1,936.3
Government.....	768.9	810.8	813.7	816.2	821.5	823.3	824.6	827.8	836.3	840.9	844.1	845.8	848.3	851.0	853.2	856.6
Other labor income.....	544.2	570.4	571.0	572.3	573.8	574.7	576.2	577.9	586.1	590.7	595.5	599.8	603.9	608.5	612.6	617.2
Proprietors' income with IVA and CCAdj.....	714.8	727.9	729.3	732.1	735.9	727.8	729.4	736.8	743.3	750.0	751.9	751.4	746.0	745.1	755.2	762.4
Farm.....	22.6	19.0	19.1	19.3	19.4	19.1	19.2	19.4	20.8	21.8	22.5	14.0	5.1	3.3	9.1	13.3
Nonfarm.....	692.2	708.8	710.2	712.8	716.4	708.7	710.2	717.4	722.4	728.2	729.4	737.4	740.9	741.7	746.2	749.1
Rental income of persons with CCAdj.....	146.6	137.9	137.8	141.1	143.5	141.0	139.6	137.3	139.4	141.3	143.2	148.3	153.5	158.7	152.8	142.8
Personal dividend income.....	375.7	409.2	408.8	411.0	413.1	415.1	417.2	419.6	421.8	423.8	425.2	428.0	430.3	432.7	435.0	437.3
Personal interest income.....	1,077.0	1,091.3	1,090.4	1,086.5	1,082.3	1,074.7	1,072.2	1,071.9	1,070.9	1,069.9	1,069.0	1,075.7	1,082.3	1,088.9	1,088.0	1,087.1
Transfer payments to persons.....	1,070.3	1,170.4	1,183.1	1,178.7	1,185.7	1,200.3	1,201.9	1,212.9	1,243.5	1,255.0	1,257.6	1,275.0	1,282.9	1,289.9	1,296.1	1,303.7
Old-age, survivors, disability, and health insurance benefits.....	617.2	664.3	672.7	668.2	669.3	670.3	673.5	678.2	688.7	693.2	688.6	695.1	696.3	697.4	699.2	702.0
Government unemployment insurance benefits.....	20.5	31.9	33.3	31.2	34.9	41.8	39.0	42.3	48.1	52.6	56.2	63.5	67.7	70.8	71.3	74.2
Other.....	432.5	474.2	477.1	479.3	481.6	488.2	489.4	492.4	506.7	509.1	512.8	516.4	518.9	521.7	525.6	527.4
Less: Personal contributions for social insurance.....	358.4	372.3	373.3	373.0	372.9	371.9	372.1	374.0	379.2	380.4	381.8	381.8	383.1	385.7	385.0	386.6

^r Preliminary.

^p Revised. Revisions include changes to series affected by the introduction of revised wage and salary estimates for the first quarter of 2002.

CCAdj 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]

	2000	2001	2001						2002							
			July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. ^r	Feb. ^r	March ^r	April ^r	May ^r	June ^r	July ^r	Aug. ^p
Billions of dollars, unless otherwise indicated																
Personal income	8,406.6	8,685.3	8,710.1	8,701.0	8,707.5	8,685.2	8,686.7	8,730.9	8,766.8	8,807.2	8,836.3	8,869.2	8,906.0	8,966.0	8,968.6	9,001.6
Less: Personal tax and nontax payments.....	1,286.4	1,292.1	1,248.2	1,106.7	1,190.9	1,312.7	1,304.5	1,312.0	1,140.1	1,136.1	1,134.0	1,127.4	1,125.4	1,128.7	1,118.4	1,117.0
Equals: Disposable personal income	7,120.2	7,393.2	7,461.8	7,594.3	7,516.6	7,372.4	7,382.2	7,418.9	7,626.7	7,671.1	7,702.2	7,741.7	7,780.6	7,837.4	7,850.2	7,884.6
Less: Personal outlays.....	6,918.6	7,223.5	7,237.2	7,256.2	7,172.6	7,346.9	7,316.9	7,325.1	7,355.7	7,408.9	7,424.3	7,464.1	7,467.9	7,501.8	7,577.5	7,602.3
Personal consumption expenditures.....	6,683.7	6,987.0	6,997.6	7,017.6	6,935.8	7,114.5	7,087.4	7,097.9	7,130.6	7,186.8	7,205.3	7,242.7	7,244.6	7,276.7	7,351.2	7,374.9
Durable goods.....	803.9	835.9	830.2	832.6	809.2	913.2	878.4	856.2	863.5	859.8	868.2	845.2	857.4	902.0	914.2	
Nondurable goods.....	1,972.9	2,041.3	2,045.9	2,043.2	2,043.9	2,046.4	2,036.1	2,050.7	2,074.1	2,089.1	2,092.1	2,110.9	2,101.9	2,111.7	2,118.0	
Services.....	3,906.9	4,109.9	4,121.5	4,142.0	4,082.8	4,154.9	4,172.0	4,191.0	4,202.8	4,234.2	4,253.4	4,263.5	4,297.4	4,307.6	4,331.3	
Interest paid by persons.....	205.4	205.4	207.8	206.7	204.9	201.8	198.9	196.7	193.7	190.6	187.6	189.4	191.3	193.2	194.3	
Personal transfer payments to the rest of the world (net).....	29.5	31.1	31.8	31.8	31.8	30.6	30.6	30.6	31.5	31.5	31.5	31.9	31.9	31.9	31.9	
Equals: Personal saving	201.5	169.7	224.6	338.0	344.0	25.5	65.3	93.8	271.0	262.2	277.9	277.7	312.7	335.6	272.8	282.3
Addenda:																
Disposable personal income:																
Billions of chained (1996) dollars ¹	6,630.3	6,748.0	6,796.5	6,917.5	6,878.2	6,706.9	6,718.7	6,761.9	6,938.8	6,965.7	6,978.3	6,963.3	7,020.1	7,062.8	7,064.6	7,079.1
Per capita:																
Current dollars.....	25,205	25,859	26,087	26,520	26,219	25,688	25,697	25,801	26,500	26,632	26,715	26,825	26,932	27,101	27,115	27,202
Chained (1996 dollars).....	23,471	23,602	23,761	24,156	23,992	23,369	23,388	23,517	24,110	24,183	24,204	24,197	24,300	24,422	24,401	24,423
Population (thousands) ²	282,489	285,908	286,032	286,362	286,687	286,999	287,277	287,539	287,798	288,044	288,312	288,605	288,893	289,192	289,518	289,853
Personal consumption expenditures:																
Billions of chained (1996) dollars.....	6,223.9	6,377.2	6,373.7	6,392.3	6,346.9	6,472.3	6,450.3	6,469.3	6,487.4	6,526.0	6,528.1	6,533.2	6,536.6	6,557.5	6,615.5	6,621.5
Durable goods.....	878.9	931.9	925.9	932.6	909.4	1,026.5	987.1	962.4	963.6	982.9	981.2	992.5	966.3	983.2	1,036.7	1,051.8
Nondurable goods.....	1,833.8	1,869.8	1,872.1	1,875.3	1,857.4	1,873.5	1,877.2	1,904.4	1,920.5	1,926.1	1,917.5	1,919.9	1,919.7	1,926.9	1,931.3	1,931.0
Services.....	3,524.5	3,594.9	3,593.9	3,603.4	3,595.1	3,608.7	3,614.7	3,626.3	3,627.3	3,644.0	3,655.2	3,653.2	3,672.4	3,672.9	3,684.0	3,678.8
Implicit price deflator, 1996=100.....	107.39	109.56	109.79	109.78	109.28	109.92	109.88	109.72	109.92	110.13	110.38	110.86	110.83	110.97	111.12	111.38
Personal saving as percentage of disposable personal income.....	2.8	2.3	3.0	4.5	4.6	0.3	0.9	1.3	3.6	3.4	3.6	3.6	4.0	4.3	3.5	3.6
Percent change from preceding period, monthly changes at monthly rates																
Personal income, current dollars	8.0	3.3	0.3	-0.1	0.1	-0.3	0.0	0.5	0.4	0.5	0.3	0.4	0.4	0.7	0.0	0.4
Disposable personal income:																
Current dollars.....	7.4	3.8	1.6	1.8	-1.0	-1.9	0.1	0.5	2.8	0.6	0.4	0.5	0.5	0.7	0.2	0.4
Chained (1996 dollars).....	4.8	1.8	1.6	1.8	-0.6	-2.5	0.2	0.6	2.6	0.4	0.2	0.1	0.5	0.6	0.0	0.2
Personal consumption expenditures:																
Current dollars.....	7.0	4.5	0.2	0.3	-1.2	2.6	-0.4	0.1	0.5	0.8	0.3	0.5	0.0	0.4	1.0	0.3
Chained (1996 dollars).....	4.4	2.5	0.2	0.3	-0.7	2.0	-0.3	0.3	0.3	0.6	0.0	0.1	0.1	0.3	0.9	0.1

^r Preliminary.

^p Revised. Revisions include changes to series affected by the introduction of revised wage and salary estimates for the first quarter of 2002.

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. Estimates for January 1991 through June 2000 are interpolations between Bureau of the Census population estimates for 1990 and for 2000; estimates for July 2000 forward are BEA extrapolations. BEA will substitute Bureau of the Census population estimates for 1991 forward when they are released.

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 2002 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 for 1998-2000

	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
Gross domestic product	8,781.5	9,266.6	9,872.9	8,508.9	8,856.5	9,224.0	Transportation services.....	28.0	29.9	32.3	27.8	29.8	30.6
Private industries	7,678.2	8,116.9	8,656.5	7,490.6	7,852.7	8,177.6	Communications.....	238.5	258.5	281.1	231.2	256.5	283.9
Agriculture, forestry, and fishing	128.0	127.2	135.8	145.5	153.4	166.3	Telephone and telegraph.....	179.4	196.4	208.9	181.3	208.0	232.5
Farms.....	80.6	74.3	79.0	100.3	106.0	120.5	Radio and television.....	59.1	62.1	72.2	50.3	50.3	54.1
Agricultural services, forestry, and fishing.....	47.4	53.0	56.7	44.4	46.7	47.3	Electric, gas, and sanitary services.....	204.8	215.6	230.0	193.7	212.9	217.9
Mining	100.2	103.3	127.1	119.7	112.0	95.2	Wholesale trade	607.9	633.5	674.1	663.3	688.8	708.4
Metal mining.....	5.4	5.0	4.9	7.7	8.2	7.4	Retail trade	790.4	834.9	893.9	800.0	843.7	905.7
Coal mining.....	10.7	10.6	10.1	11.9	13.5	13.5	Finance, insurance, and real estate	1,708.5	1,810.6	1,936.2	1,622.1	1,713.5	1,809.5
Oil and gas extraction.....	72.8	76.2	99.5	89.4	79.8	63.4	Depository institutions.....	300.0	325.6	366.5	256.5	268.1	288.2
Nonmetallic minerals, except fuels.....	11.3	11.5	12.6	10.9	10.9	12.4	Nondepository institutions.....	52.8	53.7	59.0	57.3	60.6	66.8
Construction	380.8	425.5	463.6	348.9	370.0	379.3	Security and commodity brokers.....	143.9	138.8	144.2	163.2	210.0	290.7
Manufacturing	1,431.5	1,496.8	1,566.6	1,444.3	1,532.1	1,594.6	Insurance carriers.....	150.2	158.3	167.7	135.1	135.2	131.1
Durable goods.....	830.7	865.7	901.7	892.9	965.1	1,034.1	Insurance agents, brokers, and service.....	56.4	65.4	67.3	51.8	58.9	60.1
Lumber and wood products.....	41.9	46.3	44.4	40.1	43.0	44.1	Real estate.....	981.6	1,051.2	1,116.3	944.9	986.2	1,018.3
Furniture and fixtures.....	24.3	26.0	26.7	22.9	23.9	24.4	Nonfarm housing services.....	718.7	764.4	810.5	677.2	701.3	721.1
Stone, clay, and glass products.....	38.7	42.5	43.9	36.6	38.4	39.7	Other real estate.....	262.9	286.8	305.8	268.9	286.6	299.3
Primary metal industries.....	53.1	50.2	52.9	54.5	57.2	57.4	Holding and other investment offices.....	23.4	17.6	15.4	15.4	10.6	7.4
Fabricated metal products.....	101.7	107.6	108.7	96.5	98.4	99.6	Services	1,829.9	1,980.9	2,164.6	1,699.0	1,774.8	1,865.2
Industrial machinery and equipment.....	158.6	157.3	167.6	195.8	214.4	236.0	Hotels and other lodging places.....	73.5	80.4	86.5	63.3	64.8	67.3
Electronic and other electric equipment.....	159.2	165.5	181.2	210.8	255.8	327.7	Personal services.....	57.0	57.4	60.4	53.7	52.6	53.5
Motor vehicles and equipment.....	111.5	118.9	120.2	111.6	114.7	116.9	Business services.....	439.8	502.6	571.7	410.7	452.5	490.9
Other transportation equipment.....	58.4	64.5	62.7	56.7	61.2	55.2	Auto repair, services, and parking.....	81.0	88.1	93.9	75.1	80.6	83.7
Instruments and related products.....	57.5	58.8	64.2	49.0	48.2	48.1	Miscellaneous repair services.....	24.4	25.2	26.7	21.6	20.2	19.6
Miscellaneous manufacturing industries.....	25.9	28.3	29.1	24.9	26.9	27.7	Motion pictures.....	29.1	32.0	34.9	28.2	29.2	30.0
Nondurable goods	600.8	631.0	664.8	555.5	574.0	574.0	Amusement and recreation services.....	70.1	75.1	80.8	65.1	68.3	69.5
Food and kindred products.....	121.8	132.9	137.0	112.1	117.3	118.2	Health services.....	491.1	516.3	546.8	460.9	470.5	485.4
Tobacco products.....	17.3	18.9	22.3	11.9	6.3	6.2	Legal services.....	116.7	123.0	133.5	107.3	110.4	115.6
Textile mill products.....	25.8	25.5	24.7	24.1	23.6	24.1	Educational services.....	67.5	72.1	78.6	61.1	62.4	64.6
Apparel and other textile products.....	26.0	24.3	23.6	25.2	22.6	22.5	Social services.....	57.6	61.8	67.5	52.3	53.7	55.5
Paper and allied products.....	55.7	58.0	59.9	56.2	57.3	50.0	Membership organizations.....	53.6	58.3	63.5	48.3	48.3	49.6
Printing and publishing.....	95.6	102.7	105.5	85.6	88.1	86.6	Other services.....	254.5	275.9	306.2	238.6	250.7	269.3
Chemicals and allied products.....	164.8	175.1	191.1	155.2	168.7	184.2	Private households.....	14.0	12.7	13.6	13.3	11.7	12.0
Petroleum and coal products.....	32.9	30.4	36.5	26.4	34.4	25.5	Statistical discrepancy ¹	-31.0	-72.7	-130.4	-30.1	-69.9	-123.0
Rubber and miscellaneous plastics products.....	56.8	59.3	60.2	55.6	58.2	59.8	Government	1,103.3	1,151.7	1,216.4	1,047.3	1,060.7	1,085.4
Leather and leather products.....	4.1	3.9	4.0	3.8	3.7	3.9	Federal	359.9	369.7	387.0	347.6	346.5	353.0
Transportation and public utilities	732.0	776.8	825.0	683.1	737.2	781.5	General government.....	298.6	308.1	323.8	286.2	285.8	290.1
Transportation.....	288.7	302.7	313.9	257.9	268.6	281.1	Government enterprises.....	61.3	61.6	63.2	61.5	60.8	63.1
Railroad transportation.....	24.3	23.2	22.9	22.8	22.5	23.2	State and local	743.4	782.0	829.5	699.7	714.0	732.2
Local and interurban passenger transit.....	16.8	17.6	18.7	15.5	16.6	18.2	General government.....	681.2	716.6	760.4	642.5	653.5	669.0
Trucking and warehousing.....	114.1	122.0	126.0	95.5	100.3	105.7	Government enterprises.....	62.2	65.4	69.1	57.3	60.5	63.2
Water transportation.....	13.6	13.7	14.8	13.2	11.8	11.7	Not allocated by industry ²				-48.9	-110.6	-170.7
Transportation by air.....	85.8	90.2	93.0	76.6	80.9	85.0							
Pipelines, except natural gas.....	6.1	6.1	6.2	6.4	6.4	6.4							

1. The current-dollar statistical discrepancy equals gross domestic product (GDP) measured as the sum of expenditures less gross domestic income—that is, GDP measured as the costs incurred and profits earned in domestic production. The chained (1996) dollar statistical discrepancy equals the current-dollar statistical discrepancy deflated by the implicit price deflator for gross domestic business product.
 2. Equals GDP in chained (1996) dollars less the statistical discrepancy and the sum of GDP by industry of the detailed industries. The value of not allocated by industry reflects the nonadditivity of chained-dollar estimates

and the differences in source data used to estimate real GDP by industry and the expenditures measure of real GDP.

Note. Estimates are based on the 1987 Standard Industrial Classification. The table is derived from tables 1 and 6 in "Gross Domestic Product by Industry for 1998-2000" in the November 2001 Survey. This table corrects errors in the current-dollar estimates for total "Services" for 1998-2000 that were in table 1.

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		
	1999	2000	2001	1999	2000	2001		1999	2000	2001	1999	2000	2001
Personal consumption expenditures	6,246.5	6,683.7	6,987.0	5,964.5	6,223.9	6,377.2	Personal business	575.2	632.5	634.3	514.2	550.0	550.1
Food and tobacco	964.7	1,027.2	1,068.7	888.9	919.4	926.0	Brokerage charges and investment counseling (s.)	72.2	88.4	74.2	80.0	98.9	86.2
Food purchased for off-premise consumption (n.d.)	537.7	568.6	589.0	512.4	530.0	533.6	Bank service charges, trust services, and safe deposit box rental (s.)	63.2	68.4	73.5	56.8	58.8	60.7
Purchased meals and beverages ¹ (n.d.)	351.5	376.5	393.2	325.4	339.8	344.0	Services furnished without payment by financial intermediaries except life insurance carriers (s.)	233.8	258.1	259.5	201.4	220.0	227.4
Food furnished to employees (including military) (n.d.)	9.1	9.4	9.7	8.5	8.7	8.8	Expense of handling life insurance and pension plans ¹⁷ (s.)	96.2	102.8	103.9	82.3	82.0	80.3
Food produced and consumed on farms (n.d.)	5	5	5	5	5	5	Legal services (s.)	62.4	65.2	70.4	54.7	54.4	55.7
Tobacco products (n.d.)	65.9	72.2	76.3	43.4	42.8	42.1	Funeral and burial expenses (s.)	16.5	16.4	17.5	14.6	14.1	14.6
Addenda: Food excluding alcoholic beverages (n.d.)	786.2	834.2	866.2	741.0	768.8	775.2	Other ¹⁸ (s.)	31.0	33.2	35.3	28.1	28.9	29.4
Alcoholic beverages purchased for off-premise consumption (n.d.)	65.2	70.3	73.1	62.5	65.4	66.5	Transportation	707.8	768.9	794.8	704.8	726.8	750.4
Other alcoholic beverages (n.d.)	47.4	50.5	53.1	43.3	44.8	45.3	User-operated transportation.....	654.7	711.9	742.0	653.1	673.9	699.8
Clothing, accessories, and jewelry	391.2	409.8	412.6	404.9	426.4	435.9	New autos (d.)	98.4	105.5	105.9	99.9	107.0	108.0
Shoes (n.d.)	44.7	46.3	47.0	46.4	48.8	49.9	Net purchases of used autos (d.)	57.7	59.4	60.6	59.8	60.4	60.4
Clothing and accessories except shoes ²	256.1	267.1	267.9	265.4	280.3	287.5	Other motor vehicles (d.)	118.7	125.9	149.0	116.8	123.9	147.3
Women's and children's (n.d.)	164.1	171.9	172.6	172.6	183.1	187.1	Tires, tubes, accessories, and other parts (d.)	44.4	45.9	45.8	45.3	46.7	45.4
Men's and boys' (n.d.)	92.0	95.2	95.3	92.9	97.3	100.5	Repair, greasing, washing, parking, storage, rental, and leasing (s.)	165.1	175.5	181.6	156.7	162.1	162.2
Standard clothing issued to military personnel (n.d.)	3	3	3	3	3	3	Gasoline and oil (n.d.)	123.3	164.4	162.1	136.4	135.7	138.8
Cleaning, storage, and repair of clothing and shoes (s.)	14.6	15.5	15.6	13.8	14.3	13.7	Bridge, tunnel, ferry, and road tolls (s.)	4.4	4.6	4.9	3.8	3.9	3.9
Jewelry and watches (d.)	48.5	51.1	51.0	53.7	58.1	58.0	Insurance ¹⁹ (s.)	36.8	30.7	32.1	34.1	34.3	34.3
Other ³ (s.)	27.0	29.5	30.8	25.6	27.1	27.0	Purchased local transportation	12.4	12.7	13.2	12.5	12.6	12.7
Personal care	84.0	87.8	89.1	80.0	81.7	81.5	Mass transit systems (s.)	8.6	9.1	9.5	8.7	9.0	9.1
Toilet articles and preparations (n.d.)	55.1	56.5	56.5	53.4	54.1	53.6	Taxicab (s.)	3.8	3.6	3.7	3.8	3.5	3.5
Barbershops, beauty parlors, and health clubs (s.)	28.9	31.2	32.6	26.6	27.6	27.8	Purchased intercity transportation	40.7	44.3	39.7	39.3	40.3	38.0
Housing	912.6	980.0	1,014.5	835.0	851.3	866.0	Railway (s.)	2.0	1.5	1.5	1.8	1.3	1.3
Owner-occupied nonfarm dwellings—space rent ⁴ (s.)	666.4	704.9	751.0	610.7	627.3	643.5	Bus (s.)	7.7	8.8	9.7	8.8	8.8	8.8
Tenant-occupied nonfarm dwellings—rent ⁵ (s.)	202.8	207.8	217.1	185.8	184.0	184.3	Airline (s.)	32.7	36.7	32.4	31.7	33.4	31.6
Rental value of farm dwellings (s.)	7.2	7.6	8.0	6.1	6.0	5.9	Other ²⁰ (s.)	5.3	5.2	4.8	5.0	4.7	4.3
Other ⁶ (s.)	36.1	39.6	38.5	32.5	34.1	32.5	Recreation	526.5	564.7	593.9	558.3	604.9	644.6
Household operation	677.7	723.9	747.3	677.7	712.2	721.8	Books and maps (d.)	30.8	33.2	35.1	30.2	32.5	34.1
Furniture, including mattresses and bedspings (d.)	60.3	64.4	64.0	60.6	65.0	65.7	Magazines, newspapers, and sheet music (n.d.)	32.5	34.2	35.2	30.8	31.8	32.1
Kitchen and other household appliances ⁷ (d.)	34.1	35.7	36.1	35.5	37.5	38.3	Nonurable toys and sport supplies (n.d.)	60.4	62.7	66.7	67.8	74.5	82.6
China, glassware, tableware, and utensils (d.)	31.4	33.3	34.1	31.8	34.2	35.9	Wheel goods, sports and photographic equipment, boats, and pleasure aircraft (d.)	50.4	55.3	60.8	52.3	58.1	64.5
Other durable house furnishings ⁸ (d.)	61.6	65.1	66.4	61.9	65.9	68.0	Video and audio goods, including musical instruments, and computer goods (d.)	98.1	106.3	105.6	152.7	185.5	211.5
Semidurable house furnishings ⁹ (n.d.)	36.8	38.3	38.7	38.9	41.6	43.0	Video and audio goods, including musical instruments (d.)	66.7	71.8	72.7	78.3	90.7	99.0
Cleaning and polishing preparations, and miscellaneous household supplies and paper products (n.d.)	56.9	59.3	61.7	54.4	54.4	54.6	Computers, peripherals, and software ¹⁰ (d.)	31.4	34.5	32.9	91.0	122.0	152.6
Stationery and writing supplies (n.d.)	22.6	23.4	23.5	21.2	22.3	22.4	Radio and television repair (s.)	4.1	4.1	4.2	3.9	4.0	4.1
Household utilities	190.1	209.2	221.7	190.1	195.0	191.3	Flowers, seeds, and potted plants (n.d.)	16.7	17.5	18.5	17.4	17.5	17.9
Electricity (s.)	96.7	101.5	105.3	101.0	104.4	101.2	Admissions to specified spectator amusements	25.0	27.1	29.4	22.6	23.1	23.9
Gas (s.)	33.3	40.8	49.1	31.6	32.9	33.3	Motion picture theaters (s.)	7.6	7.8	8.7	6.9	6.6	7.1
Water and other sanitary services (s.)	46.6	48.8	50.7	43.0	43.9	44.4	Legitimate theaters and opera, and entertainments of nonprofit institutions (except athletics) (s.)	8.9	9.9	10.6	8.1	8.4	8.7
Fuel oil and coal (n.d.)	13.6	18.1	16.5	14.7	14.0	12.6	Spectator sports ²¹ (s.)	8.5	9.5	10.1	7.7	8.1	8.1
Telephone and telegraph (s.)	122.3	130.6	136.5	127.1	141.1	151.2	Clubs and fraternal organizations ²² (s.)	15.9	16.7	17.3	14.7	14.9	14.9
Domestic service (s.)	14.9	16.0	14.6	13.7	14.1	12.4	Commercial participant amusements ²³ (s.)	60.3	68.4	73.3	58.8	61.6	63.9
Other ¹⁰ (s.)	46.6	48.5	50.0	43.0	42.9	42.9	Pari-mutuel net receipts (s.)	4.5	4.7	4.8	4.2	4.3	4.3
Medical care	1,097.9	1,171.1	1,270.2	1,025.5	1,062.0	1,110.2	Other ²⁴ (s.)	125.1	134.4	142.9	114.2	118.7	122.2
Drug preparations and sundries ¹¹ (n.d.)	139.2	156.3	176.4	129.4	140.6	152.3	Education and research	152.1	164.0	174.9	136.8	141.3	144.9
Ophthalmic products and orthopedic appliances (d.)	21.6	22.9	21.6	20.6	21.3	19.4	Higher education ²⁵ (s.)	79.3	83.1	87.6	71.5	72.2	73.6
Physicians (s.)	230.3	244.3	266.7	218.7	228.0	242.1	Nursery, elementary, and secondary schools ²⁶ (s.)	32.0	34.0	35.5	29.2	29.8	29.9
Dentists (s.)	58.3	62.7	67.5	51.1	52.5	54.4	Other ²⁷ (s.)	40.8	46.9	51.7	36.1	39.2	41.3
Other professional services ¹² (s.)	137.0	142.8	153.5	126.5	128.5	133.9	Religious and welfare activities ²⁸ (s.)	172.9	190.1	199.6	157.5	164.9	166.4
Hospitals and nursing homes ¹³	445.8	471.5	509.6	418.1	427.4	443.9	Foreign travel and other, net	-16.0	-16.1	-12.9	-11.7	-7.5	-5.0
Hospitals	370.7	392.3	425.9	350.7	359.8	376.8	Foreign travel by U.S. residents ²⁹ (s.)	72.3	80.9	76.3	70.9	78.7	73.3
Nonprofit (s.)	245.9	259.7	281.0	229.8	234.8	244.1	Expenditures abroad by U.S. residents (n.d.)	3.2	3.3	3.6	3.6	4.0	4.4
Proprietary (s.)	42.4	44.8	50.8	41.0	42.2	46.6	Less: Expenditures in the United States by nonresidents ³⁰ (s.)	89.6	98.3	90.6	84.2	88.2	80.6
Government (s.)	82.5	87.8	94.1	79.9	82.8	86.2	Less: Personal remittances in kind to nonresidents (n.d.)	1.9	2.0	2.2	1.9	1.9	2.1
Nursing homes (s.)	75.1	79.2	83.6	67.5	67.7	67.5	Residual				-41.6	-72.6	-100.5
Health insurance	65.7	70.6	75.0	61.3	63.8	64.5							
Medical care and hospitalization ¹⁴ (s.)	57.7	63.0	66.8	49.5	51.4	51.6							
Income loss ¹⁵ (s.)	1.5	1.7	1.8	9	1.0	1.0							
Workers' compensation ¹⁶ (s.)	6.5	5.9	6.4	10.8	11.4	12.1							

* 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.

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 of large 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, chiropodists, 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. For government institutions, equals student payments of tuition.
26. 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.
27. 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.
28. 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.
29. Beginning with 1981, includes U.S. students' expenditures abroad; these expenditures were \$0.3 billion in 1981.
30. 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.

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		
	1999	2000	2001	1999	2000	2001
Private fixed investment in structures	678.5	731.0	759.9	617.9	638.5	634.9
Nonresidential	283.7	314.2	324.5	258.6	275.5	270.9
New	283.1	313.5	320.8	258.0	274.7	267.7
Nonresidential buildings, excluding farm	201.8	217.9	210.1	181.0	187.1	173.6
Industrial	28.7	28.0	25.6	25.8	24.0	21.1
Commercial	110.1	122.8	118.5	98.7	105.5	97.9
Office buildings ¹	55.4	64.7	60.5	49.6	55.6	50.0
Other ²	54.7	58.1	58.0	49.1	49.9	48.0
Religious	7.2	7.8	8.1	6.4	6.7	6.7
Educational	10.3	12.4	13.7	9.3	10.6	11.3
Hospital and institutional	15.1	16.1	16.8	13.5	13.8	13.9
Other ³	30.4	30.8	27.4	27.2	26.5	22.6
Utilities	47.3	53.7	55.0	45.7	50.4	50.3
Railroads	4.7	4.3	4.1	4.7	4.2	4.2
Telecommunications	18.3	18.7	18.4	18.2	18.2	17.3
Electric light and power	14.7	21.3	22.7	14.0	19.5	20.1
Gas	8.1	8.5	8.9	7.6	7.6	7.8
Petroleum pipelines	1.5	1.0	.9	1.4	.9	.8
Farm	5.1	6.0	6.1	4.5	5.1	5.1
Mining exploration, shafts, and wells	22.8	29.2	42.7	21.6	27.0	34.0
Petroleum and natural gas	21.6	28.0	41.3	20.4	26.0	32.8
Other	1.2	1.1	1.4	1.1	1.0	1.2
Other ⁴	6.2	6.7	6.8	5.7	6.0	5.9
Brokers' commissions on sale of structures	2.4	2.5	2.5	2.3	2.4	2.2
Net purchases of used structures	-1.8	-1.9	1.2	-1.6	-1.6	1.0
Residential	394.8	416.8	435.4	359.4	363.0	364.0
New	344.4	363.6	377.8	311.7	315.1	315.2
New housing units	250.1	259.7	271.6	225.6	224.2	225.5
Permanent site	236.1	248.9	262.8	212.2	213.9	217.0
Single-family structures	208.6	220.7	232.1	189.0	191.0	192.6
Multifamily structures	27.4	28.3	30.7	23.4	23.0	24.4
Manufactured homes	14.0	10.8	8.8	13.2	10.0	8.1
Improvements	93.0	102.4	104.6	84.9	89.7	88.4
Other ⁵	1.3	1.4	1.6	1.2	1.2	1.4
Brokers' commissions on sale of structures	53.9	56.2	60.0	51.0	50.6	50.9
Net purchases of used structures	-3.5	-2.9	-2.3	-3.1	-2.5	-1.9
Residual				-9	-9	-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		
	1999	2000	2001	1999	2000	2001
Private fixed investment in equipment and software	898.7	960.8	886.4	884.8	1,065.4	997.6
Nonresidential equipment and software	889.8	951.6	877.1	975.9	1,056.0	988.2
Information processing equipment and software	402.3	446.9	404.3	508.1	583.3	548.5
Computers and peripheral equipment ¹	90.4	93.3	74.2	207.4	246.4	239.9
Software ²	162.5	179.4	180.4	169.3	184.4	182.0
Communication equipment	93.7	116.6	90.6	102.5	132.1	105.8
Instruments	38.2	40.6	43.6	37.9	40.1	42.6
Photocopy and related equipment	10.5	9.5	8.0	10.7	9.5	8.0
Office and accounting equipment	7.0	7.5	7.6	7.1	7.5	7.8
Industrial equipment	150.4	164.9	159.0	147.5	160.8	153.8
Fabricated metal products	13.4	13.8	13.7	13.5	13.9	13.4
Engines and turbines	5.7	7.0	9.3	5.4	6.6	8.8
Metalworking machinery	34.2	35.3	31.3	33.6	34.6	30.5
Special industry machinery, n.e.c.	38.3	44.4	41.0	37.2	43.0	39.4
General industrial, including materials handling, equipment	34.0	36.6	34.4	33.0	35.3	32.9
Electrical transmission, distribution, and industrial apparatus	24.8	27.8	29.3	24.8	27.3	28.7
Transportation equipment	194.7	189.7	165.8	193.2	186.6	163.6
Trucks, buses, and truck trailers	112.3	107.4	90.1	112.4	106.5	90.5
Autos	43.1	40.5	34.1	42.5	40.8	35.4
Aircraft	29.1	31.5	33.7	28.3	29.3	29.8
Ships and boats	2.7	3.2	3.2	2.6	2.9	2.9
Railroad equipment	7.6	7.1	4.7	7.7	7.2	4.8
Other equipment	145.6	153.4	150.8	141.8	148.5	144.5
Furniture and fixtures	38.1	40.6	35.7	37.1	39.2	34.0
Tractors	12.8	13.7	14.5	12.5	13.4	14.1
Agricultural machinery, except tractors	9.9	10.8	12.0	9.5	10.3	11.3
Construction machinery, except tractors	21.6	21.7	19.9	20.4	20.4	18.5
Mining and oilfield machinery	5.6	5.2	6.5	5.3	5.0	5.9
Service industry machinery	16.5	16.4	16.1	15.9	15.7	15.3
Electrical equipment, n.e.c.	14.4	16.4	17.9	14.9	17.3	19.0
Other	26.8	28.4	28.2	26.2	27.4	26.8
Less: Sale of equipment scrap, excluding autos	3.2	3.3	2.8	4.1	3.8	3.5
Residential equipment	8.8	9.3	9.3	9.0	9.4	9.5
Residual				-37.8	-56.3	-56.5
Addenda:						
Private fixed investment in equipment and software	898.7	960.8	886.4			
Less: Dealers' margin on used equipment	8.1	8.8	8.6			
Net purchases of used equipment from government	1.0	1.0	.9			
Plus: Net sales of used equipment	39.3	38.5	32.5			
Net exports of used equipment.....	.4	-2	.0			
Sale of equipment scrap	3.3	3.4	2.9			
Equals: Private fixed investment in new equipment and software	932.6	992.7	912.4			

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		
	1999	2000	2001	1999	2000	2001		1999	2000	2001	1999	2000	2001
Total	5,308,801	5,723,399	5,874,879	4,475,588	4,836,329	4,950,605							
Domestic industries	5,314,546	5,729,274	5,881,042	4,481,333	4,842,204	4,956,788							
Private industries ¹	4,361,287	4,721,994	4,818,943	3,757,168	4,073,263	4,145,921							
Agriculture, forestry, and fishing ...	49,786	52,656	57,497	43,643	46,253	50,496							
Farms	19,341	19,314	21,544	16,478	16,563	18,394							
Agricultural services, forestry, and fishing	30,445	33,342	35,953	27,165	29,690	32,102							
Mining	34,234	36,534	39,627	29,256	31,204	33,844							
Metal mining	2,917	2,600	2,421	2,446	2,161	1,996							
Coal mining	5,129	4,869	5,258	4,328	4,091	4,422							
Oil and gas extraction	20,749	23,512	26,240	17,827	20,205	22,555							
Nonmetallic minerals, except fuels	5,439	5,553	5,708	4,655	4,747	4,871							
Construction	272,904	298,999	313,027	233,740	256,839	268,645							
Manufacturing	926,201	981,781	939,155	782,635	829,413	789,402							
Durable goods	585,734	626,444	590,814	493,369	527,421	495,186							
Lumber and wood products ...	28,712	29,146	28,559	24,464	24,814	24,256							
Furniture and fixtures	18,727	19,707	18,929	15,955	16,759	16,047							
Stone, clay, and glass products	25,799	27,661	27,313	21,702	23,250	22,904							
Primary metal industries	37,240	38,213	35,730	30,851	31,572	29,317							
Fabricated metal products	66,605	69,559	67,318	56,015	58,339	56,259							
Industrial machinery and equipment	121,216	132,198	118,992	104,321	113,783	102,037							
Electronic and other electric equipment	97,771	114,454	103,720	82,973	97,365	87,785							
Motor vehicles and equipment	68,743	70,613	65,296	54,741	56,015	51,167							
Other transportation equipment	51,965	51,649	52,500	43,375	42,954	43,615							
Instruments and related products	53,491	57,079	56,364	45,974	48,993	48,311							
Miscellaneous manufacturing industries	15,465	16,165	16,093	12,998	13,577	13,488							
Nondurable goods	340,467	355,337	348,341	289,266	301,992	294,216							
Food and kindred products ...	66,468	70,102	71,808	56,619	59,780	60,977							
Tobacco products	2,758	2,946	3,130	2,168	2,321	2,464							
Textile mill products	18,269	18,054	16,411	15,709	15,520	13,990							
Apparel and other textile products	18,462	17,721	16,594	15,757	15,085	14,010							
Paper and allied products	34,474	35,062	34,378	29,663	30,154	29,399							
Printing and publishing	69,716	73,248	71,895	60,196	63,280	61,773							
Chemicals and allied products	77,224	83,713	80,990	64,397	69,950	67,159							
Petroleum and coal products	10,040	9,810	10,149	8,280	8,070	8,317							
Rubber and miscellaneous plastics products	40,582	42,232	40,731	34,345	35,730	34,208							
Leather and leather products	2,474	2,449	2,255	2,124	2,102	1,919							
Transportation and public utilities	350,019	375,096	382,099	291,871	312,956	317,673							
Transportation	187,764	198,545	203,768	155,015	163,976	167,777							
Railroad transportation	17,023	16,749	16,759	12,656	12,415	12,383							
Local and interurban passenger transit	11,952	12,684	13,272	10,185	10,814	11,291							
Trucking and warehousing ²	70,671	74,287	75,765	58,645	61,625	62,623							
Water transportation	9,068	9,667	10,043	7,588	8,100	8,392							
Transportation by air ²	59,591	64,005	66,426	49,281	52,887	54,721							
Pipelines, except natural gas	1,000	1,018	1,092	850	865	925							
Transportation services	18,459	20,135	20,411	15,810	17,270	17,442							
Communications	103,714	114,010	113,175	87,644	96,406	95,286							
Telephone and telegraph	78,733	86,828	84,956	66,277	73,142	71,216							
Radio and television	24,981	27,182	28,219	21,367	23,264	24,070							
Electric, gas, and sanitary services	58,541	62,541	65,156	49,212	52,574	54,610							
Wholesale trade	359,519	385,755	379,752	309,254	332,293	325,688							
Retail trade	478,563	511,114	531,075	420,523	449,515	465,818							
Finance, insurance, and real estate	458,091	501,923	531,995	395,757	434,720	459,937							
Depository institutions	98,577	100,040	106,840	83,358	84,543	90,230							
Nondepository institutions	40,714	41,510	43,161	34,787	35,473	42,046							
Security and commodity brokers	107,093	135,094	138,866	95,771	120,994	124,161							
Insurance carriers	91,260	94,360	98,832	77,637	80,274	83,936							
Insurance agents, brokers, and service	38,697	41,075	44,766	33,701	35,800	38,956							
Real estate	57,599	61,891	66,628	49,811	53,588	57,620							
Holding and other investment offices	24,151	27,953	26,902	20,692	24,048	22,988							
Services	1,431,970	1,578,136	1,644,716	1,250,487	1,380,070	1,434,418							
Hotels and other lodging places	46,437	49,802	50,191	40,453	43,495	43,722							
Personal services	28,441	30,078	32,128	25,313	26,784	28,563							
Business services	351,919	412,930	405,062	309,610	363,879	355,624							
Auto repair, services, and parking	36,996	39,809	41,571	32,594	35,172	36,637							
Miscellaneous repair services ...	13,499	13,947	14,652	11,856	12,256	12,844							
Motion pictures	22,480	23,933	24,443	19,779	21,052	21,435							
Amusement and recreation services	47,274	51,547	52,647	41,316	45,082	45,929							
Health services	408,567	430,446	464,063	349,595	368,492	396,845							
Legal services	72,180	79,170	85,255	63,581	69,846	75,067							
Educational services	66,841	72,643	78,808	57,978	63,057	68,314							
Social services and membership organizations	114,376	123,692	131,746	101,619	109,876	116,749							
Social services	59,270	65,086	71,803	51,339	56,420	62,197							
Membership organizations ...	55,106	58,606	59,943	50,280	53,456	54,552							
Other services ³	210,248	236,574	252,269	184,404	207,845	221,113							
Private households	12,712	13,565	11,881	12,389	13,234	11,576							
Government	953,259	1,007,280	1,062,099	724,167	788,941	810,847							
Federal	277,699	293,678	300,286	184,222	195,598	197,378							
General government	221,496	233,437	240,534	146,475	154,845	157,914							
Civilian	134,369	142,052	144,305	90,174	96,000	95,609							
Military ⁴	87,127	91,385	96,229	56,301	58,845	62,305							
Government enterprises	56,203	60,241	59,752	37,747	40,753	39,464							
State and local	675,560	713,602	761,813	539,945	573,343	613,469							
General government	633,337	669,207	711,554	505,640	537,090	572,373							
Education	340,095	360,574	382,057	269,529	287,229	305,171							
Other ¹	293,242	308,633	329,497	236,111	249,861	267,202							
Government enterprises ¹	42,223	44,395	50,259	34,305	36,253	41,096							
State and local	221,496	233,437	240,534	146,475	154,845	157,914							
Civilian	134,369	142,052	144,305	90,174	96,000	95,609							
Military ⁴	87,127	91,385	96,229	56,301	58,845	62,305							
Government enterprises	56,20												

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		
	1999	2000	2001	1999	2000	2001		1999	2000	2001	1999	2000	2001
Total	136,294	139,207	138,840	132,149	134,723	134,288							
Domestic industries	136,861	139,787	139,448	132,635	135,220	134,809							
Private industries ²	114,320	116,778	116,014	113,888	116,177	115,364							
Agriculture, forestry, and fishing	2,294	2,319	2,341	3,393	3,341	3,342							
Farms	923	890	870	1,693	1,635	1,608							
Agricultural services, forestry, and fishing	1,371	1,429	1,471	1,700	1,706	1,734							
Mining	539	541	568	544	546	581							
Metal mining	44	40	35	45	42	36							
Coal mining	86	79	82	85	77	81							
Oil and gas extraction	296	308	338	304	315	354							
Nonmetallic minerals, except fuels	113	114	113	110	112	110							
Construction	6,704	7,007	7,038	8,023	8,368	8,350							
Manufacturing	18,673	18,567	17,702	18,663	18,507	17,682							
Durable goods	11,178	11,179	10,632	11,223	11,214	10,671							
Lumber and wood products	858	849	804	916	899	854							
Furniture and fixtures	550	558	524	562	569	530							
Stone, clay, and glass products	572	582	572	573	580	573							
Primary metal industries	698	700	646	697	696	642							
Fabricated metal products	1,529	1,544	1,470	1,517	1,537	1,452							
Industrial machinery and equipment	2,141	2,119	2,006	2,135	2,106	2,002							
Electronic and other electric equipment	1,671	1,719	1,627	1,657	1,705	1,610							
Motor vehicles and equipment	1,023	1,020	941	1,018	1,018	943							
Other transportation equipment	874	836	812	872	834	811							
Instruments and related products	854	843	840	841	836	835							
Miscellaneous manufacturing industries	408	409	390	435	434	419							
Nondurable goods	7,495	7,388	7,070	7,440	7,293	7,011							
Food and kindred products	1,697	1,700	1,702	1,680	1,675	1,681							
Tobacco products	37	35	34	36	34	33							
Textile mill products	560	534	475	556	536	471							
Apparel and other textile products	697	640	564	708	616	560							
Paper and allied products	669	657	629	664	651	623							
Printing and publishing	1,576	1,569	1,508	1,557	1,544	1,498							
Chemicals and allied products	1,037	1,038	1,017	1,026	1,029	1,011							
Petroleum and coal products	131	126	124	131	125	124							
Rubber and miscellaneous plastics products	1,012	1,017	954	1,002	1,007	945							
Leather and leather products	79	72	63	80	76	65							
Transportation and public utilities	6,896	7,111	7,118	6,850	7,014	7,052							
Transportation	4,480	4,589	4,558	4,567	4,641	4,641							
Railroad transportation	221	212	203	209	201	192							
Local and interurban passenger transit	489	500	506	503	503	521							
Trucking and warehousing ³	1,848	1,885	1,877	2,020	2,041	2,045							
Water transportation	188	194	192	185	191	197							
Transportation by air ³	1,245	1,297	1,286	1,163	1,216	1,205							
Pipelines, except natural gas	13	13	14	13	13	14							
Transportation services	476	488	480	474	476	467							
Communications	1,553	1,665	1,700	1,423	1,522	1,554							
Telephone and telegraph	1,107	1,195	1,220	1,011	1,088	1,107							
Radio and television	446	470	480	412	434	447							
Electric, gas, and sanitary services	863	857	860	860	851	857							
Wholesale trade	6,992	7,104	6,832	7,015	7,098	6,794							
Retail trade	23,542	24,049	24,147	20,954	21,423	21,485							
Finance, insurance, and real estate	7,705	7,743	7,856	7,809	7,840	7,861							
Depository institutions	2,049	2,036	2,047	1,928	1,904	1,904							
Nondpository institutions	709	686	716	691	667	690							
Security and commodity brokers	727	797	820	796	873	855							
Insurance carriers	1,608	1,585	1,583	1,526	1,497	1,488							
Insurance agents, brokers, and service	795	800	820	873	893	909							
Real estate	1,567	1,581	1,615	1,759	1,764	1,777							
Holding and other investment offices	250	258	255	236	242	238							
Services	40,975	42,337	42,412	40,637	42,040	42,217							
Hotels and other lodging places	1,935	1,981	1,942	1,759	1,818	1,792							
Personal services	1,363	1,387	1,414	1,831	1,879	1,878							
Business services	9,438	10,048	9,622	9,567	10,197	9,850							
Auto repair, services, and parking	1,326	1,366	1,388	1,557	1,589	1,601							
Miscellaneous repair services	390	381	384	552	538	564							
Motion pictures	612	609	589	659	652	634							
Amusement and recreation services	1,783	1,856	1,811	1,547	1,636	1,601							
Health services	10,359	10,483	10,775	9,647	9,770	10,040							
Legal services	1,142	1,163	1,188	1,219	1,222	1,261							
Educational services	2,350	2,442	2,536	2,164	2,265	2,371							
Social services and membership organizations	5,387	5,581	5,671	5,188	5,354	5,432							
Social services	2,859	2,992	3,143	3,086	3,201	3,330							
Membership organizations	2,528	2,589	2,528	2,102	2,153	2,102							
Other services ⁴	3,639	3,832	3,971	4,085	4,287	4,420							
Private households	1,251	1,208	1,121	862	833	773							
Government	22,541	23,009	23,434	18,747	19,043	19,445							
Federal	5,141	5,237	5,076	4,167	4,198	4,119							
General government	4,146	4,260	4,114	3,370	3,416	3,338							
Civilian	1,855	1,976	1,825	1,821	1,869	1,790							
Military ⁵	2,291	2,284	2,289	1,549	1,547	1,548							
Government enterprises	995	977	962	797	782	781							
State and local	17,400	17,772	18,358	14,580	14,845	15,326							
General government	16,546	16,903	17,382	13,705	13,964	14,334							
Education	9,149	9,383	9,623	7,367	7,567	7,784							
Other ²	7,397	7,520	7,759	6,338	6,397	6,550							
Government enterprises ²	854	869	976	875	881	992							
Rest of the world ⁶	-567	-580	-608	-486	-497	-521							

1. Equals the number of full-time equivalent employees plus the number of self-employed persons. Unpaid family workers are not included.
 2. Beginning with 2001, reflects the reclassification of employees of Indian tribal governments from the private sector in accordance with the Consolidated Appropriations Act of 2001.
 3. Reflects the reclassification of air couriers from trucking and warehousing to transportation by air.
 4. Consists of museums, botanical and zoological gardens; engineering and management services; and services, not elsewhere classified.

5. Includes Coast Guard.
 6. 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 employee			Full-time equivalent employees ¹				Wage and salary accruals per full-time equivalent employee			Full-time equivalent employees ¹		
	Dollars			Thousands				Dollars			Thousands		
	1999	2000	2001	1999	2000	2001		1999	2000	2001	1999	2000	2001
Total	36,677	38,759	39,784	122,028	124,779	124,438							
Domestic industries	36,578	38,652	39,667	122,514	125,276	124,959							
Private industries ²	36,208	38,343	39,293	103,767	106,233	105,514							
Agriculture, forestry, and fishing	21,124	22,258	24,219	2,066	2,078	2,065							
Farms	20,832	21,708	24,657	791	763	746							
Agricultural services, forestry, and fishing	21,306	22,578	23,975	1,275	1,315	1,339							
Mining	55,409	58,875	60,871	528	530	556							
Metal mining	55,591	54,025	57,029	44	40	35							
Coal mining	51,524	53,130	55,275	84	77	80							
Oil and gas extraction	61,472	66,904	68,142	290	302	331							
Nonmetallic minerals, except fuels	42,318	42,766	44,282	110	111	110							
Construction	36,138	37,899	39,385	6,468	6,777	6,821							
Manufacturing	42,821	45,675	45,580	18,277	18,159	17,319							
Durable goods	44,835	47,930	47,409	11,004	11,004	10,445							
Lumber and wood products	28,986	30,005	30,978	844	827	783							
Furniture and fixtures	29,601	30,694	31,465	539	546	510							
Stone, clay, and glass products	38,616	40,718	40,900	562	571	560							
Primary metal industries	44,582	45,493	45,808	692	694	640							
Fabricated metal products	37,145	38,305	39,096	1,508	1,523	1,439							
Industrial machinery and equipment	49,629	54,703	51,717	2,102	2,080	1,973							
Electronic and other electric equipment	50,348	57,307	54,729	1,648	1,699	1,604							
Motor vehicles and equipment	53,879	55,296	54,783	1,016	1,013	934							
Other transportation equipment	50,087	51,877	54,315	866	828	803							
Instruments and related products	54,993	58,957	58,347	836	831	828							
Miscellaneous manufacturing industries	33,243	34,635	36,356	391	392	371							
Nondurable goods	39,773	42,207	42,801	7,273	7,155	6,874							
Food and kindred products	34,149	35,990	36,755	1,658	1,661	1,659							
Tobacco products	60,222	68,265	74,667	36	34	33							
Textile mill products	28,458	29,394	29,957	552	528	467							
Apparel and other textile products	23,344	25,268	25,944	675	597	540							
Paper and allied products	44,876	46,462	47,265	661	649	622							
Printing and publishing	41,061	43,254	43,533	1,466	1,463	1,419							
Chemicals and allied products	62,949	68,311	66,825	1,023	1,024	1,005							
Petroleum and coal products	63,754	64,560	67,618	130	125	123							
Rubber and miscellaneous plastics products	34,483	35,623	36,199	996	1,003	945							
Leather and leather products	27,947	29,606	31,459	76	71	61							
Transportation and public utilities	45,449	47,310	48,009	6,422	6,615	6,617							
Transportation	37,201	38,429	39,607	4,167	4,267	4,236							
Railroad transportation	60,555	61,766	64,495	209	201	192							
Local and interurban passenger transit	22,785	23,663	24,439	447	457	462							
Trucking and warehousing ³	33,977	35,014	35,744	1,726	1,760	1,752							
Water transportation	43,114	44,751	46,883	176	181	179							
Transportation by air ³	42,520	43,817	45,715	1,159	1,207	1,197							
Pipelines, except natural gas	65,385	66,538	66,071	13	13	14							
Transportation services	36,178	38,549	39,641	437	448	440							
Communications	62,336	64,057	62,157	1,406	1,505	1,533							
Telephone and telegraph	66,079	67,661	64,683	1,003	1,081	1,101							
Radio and television	53,020	54,868	55,718	403	424	432							
Electric, gas, and sanitary services	57,965	62,365	64,399	849	843	848							
Wholesale trade	45,986	48,738	49,701	6,725	6,818	6,553							
Retail trade	21,445	22,264	23,009	19,609	20,190	20,245							
Finance, insurance, and real estate	55,374	60,817	63,738	7,147	7,148	7,216							
Depository institutions	43,370	44,473	47,440	1,922	1,901	1,902							
Nondepository institutions	51,999	54,997	62,849	669	645	669							
Security and commodity brokers	139,608	161,541	161,879	686	749	767							
Insurance carriers	50,876	53,623	56,409	1,526	1,497	1,488							
Insurance agents, brokers, and service	45,358	48,118	51,325	743	744	759							
Real estate	36,492	39,115	41,364	1,365	1,370	1,393							
Holding and other investment offices	87,678	99,372	96,588	236	242	238							
Services	34,236	36,396	37,647	36,525	37,918	38,102							
Hotels and other lodging places	23,657	24,727	25,229	1,710	1,759	1,733							
Personal services	21,024	21,811	22,759	1,204	1,228	1,255							
Business services	35,235	38,706	39,444	8,787	9,401	9,016							
Auto repair, services, and parking	25,685	26,788	27,321	1,269	1,313	1,341							
Miscellaneous repair services	32,482	34,235	35,383	365	358	363							
Motion pictures	40,781	43,406	45,413	485	485	472							
Amusement and recreation services	28,513	29,446	30,763	1,449	1,531	1,493							
Health services	37,765	39,256	41,022	9,257	9,387	9,674							
Legal services	62,580	67,484	71,019	1,016	1,035	1,057							
Educational services	28,104	29,356	30,538	2,063	2,148	2,237							
Social services and membership organizations	21,901	22,786	23,729	4,640	4,822	4,920							
Social services	20,228	21,139	22,071	2,538	2,669	2,818							
Membership organizations	23,920	24,829	25,952	2,102	2,153	2,102							
Other services ⁴	53,951	57,447	58,682	3,418	3,618	3,768							
Private households	14,372	15,887	14,975	862	833	773							
Government	38,628	40,379	41,700	18,747	19,043	19,445							
Federal	44,210	46,593	47,919	4,167	4,198	4,119							
General government	43,464	45,329	47,308	3,370	3,416	3,338							
Civilian	49,519	51,364	53,413	1,821	1,869	1,790							
Military ⁵	36,347	38,038	40,249	1,549	1,547	1,548							
Government enterprises	47,361	52,114	50,530	797	782	781							
State and local	37,033	38,622	40,028	14,580	14,845	15,326							
General government	36,895	38,462	39,931	13,705	13,964	14,334							
Education	36,586	37,958	39,205	7,367	7,567	7,784							
Other ²	37,253	39,059	40,794	6,338	6,397	6,550							
Government enterprises ²	39,206	41,150	41,427	875	881	992							
Rest of the world ⁶				-486	-497	-521							

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. Beginning with 2001, reflects the reclassification of employees of Indian tribal governments from the private sector in accordance with the Consolidated Appropriations Act of 2001.
 3. Reflects the reclassification of air couriers from trucking and warehousing to transportation by air.

4. Consists of museums, botanical and zoological gardens; engineering and management services; and services, not elsewhere classified.
 5. Includes Coast Guard.
 6. 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		
	1999	2000	2001	1999	2000	2001
Farm output	207.5	214.3	221.3	244.1	249.2	246.1
Cash receipts from farm marketings	191.4	199.4	200.9	226.2	233.4	224.4
Crops	95.7	99.8	94.3	125.2	130.9	122.9
Livestock	95.7	99.7	106.6	101.1	102.9	101.3
Farm housing	7.2	7.6	8.0	6.1	6.0	5.9
Farm products consumed on farms .....	.5	.6	.6	.5	.5	.5
Other farm income	9.9	8.9	10.3	11.8	10.6	12.2
Change in farm inventories.....	-1.5	-2.2	1.6	-2.0	-2.5	2.0
Crops	-9	-1.6	2.1	-1.4	-2.2	3.6
Livestock.....	-6	-6	-5	-6	-6	-4
Less: Intermediate goods and services purchased	132.3	136.5	140.7	137.2	133.3	134.6
Intermediate goods and services, other than rent.....	118.6	122.2	126.1	123.1	119.5	120.8
Rent paid to nonoperator landlords.....	13.8	14.2	14.7	14.1	13.8	13.8
Equals: Gross farm product	75.2	77.8	80.6	108.1	120.5	114.3
Less: Consumption of fixed capital	28.9	28.7	29.4	27.7	27.0	27.3
Equals: Net farm product	46.3	49.2	51.2	80.9	97.9	89.5
Less: Indirect business tax and nontax liability	5.3	5.4	5.6			
Plus: Subsidies to operators	18.4	19.5	17.7			
Equals: Farm national income	59.3	63.3	63.2			
Compensation of employees	19.3	19.3	21.5			
Wage and salary accruals	16.5	16.6	18.4			
Supplements to wages and salaries	2.9	2.7	3.1			
Proprietors' income and corporate profits with inventory valuation and capital consumption adjustments	29.6	33.2	30.9			
Proprietors' income	27.7	22.6	19.0			
Corporate profits	1.9	10.6	11.8			
Net interest	10.3	10.9	10.8			

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.

Table B.11. Housing Sector Output, Gross Product, and National Income

	Billions of dollars			Billions of chained (1996) dollars		
	1999	2000	2001	1999	2000	2001
Housing output ¹	876.4	920.3	976.0	802.5	817.2	833.6
Nonfarm housing	869.2	912.7	968.1	796.4	811.2	827.8
Owner-occupied	666.4	704.9	751.0	610.7	627.3	643.5
Tenant-occupied	202.8	207.8	217.1	185.8	184.0	184.3
Farm housing.....	7.2	7.6	8.0	6.1	6.0	5.9
Less: Intermediate goods and services consumed	116.9	116.3	138.4	105.5	101.3	115.9
Equals: Gross housing product	759.5	804.0	837.6	697.0	716.1	717.5
Nonfarm housing	753.6	797.8	831.1	691.9	711.0	712.6
Owner-occupied	576.3	615.5	642.3	529.1	549.9	552.1
Tenant-occupied	177.4	182.2	188.8	162.8	161.1	160.5
Farm housing.....	5.9	6.3	6.5	5.1	5.1	4.9
Less: Consumption of fixed capital	145.4	152.5	166.1	132.2	132.7	140.0
Capital consumption allowances	77.8	81.8	88.4			
Less: Capital consumption adjustment	-67.6	-70.7	-77.7			
Equals: Net housing product	614.1	651.5	671.4	478.7	494.5	489.4
Less: Indirect business tax and nontax liability plus business transfer payments	135.7	140.7	146.0			
Plus: Subsidies less current surplus of government enterprises	23.7	23.8	24.3			
Equals: Housing national income	502.2	534.6	549.8			
Compensation of employees	10.0	10.9	11.3			
Proprietors' income with inventory valuation and capital consumption adjustments	19.7	18.5	18.1			
Rental income of persons with capital consumption adjustment	130.7	128.1	118.9			
Corporate profits with inventory valuation and capital consumption adjustments	4.1	4.1	4.0			
Net interest	337.6	373.1	397.5			

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)					
	1996	1997	1998	1999	2000	2001	1996	1997	1998	1999	2000	2001
Private fixed assets	16,722.5	17,653.1	18,649.6	19,880.4	21,215.2	22,190.4	100.00	102.96	106.36	109.89	113.63	116.62
Equipment and software	3,416.3	3,585.3	3,779.2	4,013.2	4,288.3	4,411.0	100.00	105.94	113.09	120.44	128.62	133.36
Nonresidential equipment and software	3,352.2	3,519.8	3,711.6	3,943.9	4,215.5	4,335.1	100.00	105.98	113.19	120.59	128.83	133.57
Information processing equipment and software.....	906.0	974.8	1,035.9	1,137.4	1,259.0	1,287.8	100.00	111.57	126.01	142.40	160.15	169.75
Computers and peripheral equipment.....	101.5	112.2	117.5	137.9	153.4	138.6	100.00	142.35	201.39	279.41	355.94	398.10
Software.....	173.7	200.7	236.4	280.3	324.5	345.5	100.00	116.25	137.85	160.73	180.67	191.64
Communication equipment.....	363.8	388.2	399.9	430.2	482.9	498.6	100.00	108.02	118.26	131.85	151.45	161.64
Instruments.....	175.0	181.9	191.3	201.3	213.7	226.6	100.00	104.07	109.35	114.95	120.96	127.52
Photocopy and related equipment.....	71.5	70.2	69.2	66.4	63.7	58.5	100.00	99.34	99.11	94.93	90.04	83.07
Office and accounting equipment.....	20.5	21.6	21.5	21.3	20.8	19.8	100.00	105.39	106.55	102.73	101.21	97.60
Industrial equipment.....	1,119.1	1,156.9	1,199.5	1,240.7	1,292.7	1,328.7	100.00	102.97	106.11	108.90	112.88	115.95
Fabricated metal products.....	98.7	98.6	99.3	101.3	104.0	106.1	100.00	100.28	101.26	104.08	106.94	109.33
Engines and turbines.....	57.3	58.5	59.3	59.4	62.3	67.1	100.00	100.11	100.99	99.32	103.46	110.97
Steam engines.....	50.4	51.2	51.5	50.5	52.8	57.3	100.00	99.28	99.44	95.90	99.38	107.53
Internal combustion engines.....	6.9	7.3	7.8	8.8	9.5	9.8	100.00	106.25	112.51	124.76	133.79	136.56
Metalworking machinery.....	219.2	227.8	237.8	244.1	252.9	254.4	100.00	103.54	107.42	110.15	113.35	114.39
Special industry machinery, n.e.c.....	253.1	262.1	274.3	282.9	296.6	303.4	100.00	103.09	106.33	109.32	114.44	117.72
General industrial, including materials handling, equipment.....	234.9	243.0	253.1	260.4	269.9	276.9	100.00	102.69	105.84	108.36	111.46	113.23
Electrical transmission, distribution, and industrial apparatus.....	255.9	266.8	275.6	292.6	306.9	320.7	100.00	104.29	108.04	111.94	116.67	121.65
Transportation equipment.....	690.4	716.5	764.2	816.4	873.7	898.1	100.00	104.95	111.35	118.15	125.16	128.15
Trucks, buses, and truck trailers.....	260.7	283.0	321.8	366.5	395.8	397.4	100.00	111.12	125.02	140.52	151.11	153.83
Autos.....	159.0	159.9	157.8	157.3	155.4	156.9	100.00	101.49	100.75	103.40	105.31	104.55
Aircraft.....	147.1	149.6	158.5	163.4	189.6	210.8	100.00	101.56	106.89	107.49	117.85	127.34
Ships and boats.....	46.5	46.9	46.9	46.9	48.3	49.1	100.00	99.16	98.31	96.27	96.47	96.48
Railroad equipment.....	77.1	77.1	79.1	82.3	84.6	83.8	100.00	101.34	103.91	107.32	109.74	109.07
Other equipment.....	636.8	671.6	712.0	749.4	790.1	820.6	100.00	104.58	110.18	114.97	120.23	123.93
Furniture and fixtures.....	178.2	189.3	200.4	213.5	228.5	236.0	100.00	104.92	111.13	117.33	124.23	127.24
Household furniture.....	9.0	9.1	9.3	9.6	10.0	10.3	100.00	100.37	102.37	105.65	109.33	111.57
Other furniture.....	169.2	180.2	191.1	203.9	218.5	225.6	100.00	105.16	111.59	117.95	125.02	128.07
Tractors.....	59.3	63.4	67.8	69.3	71.4	74.0	100.00	106.36	112.79	114.59	117.87	121.70
Farm tractors.....	48.6	51.7	54.9	55.6	56.9	58.9	100.00	105.88	111.71	112.75	115.42	119.51
Construction tractors.....	10.6	11.7	13.0	13.8	14.5	15.1	100.00	108.56	117.67	122.83	128.80	131.55
Agricultural machinery, except tractors.....	74.9	77.2	79.9	79.6	80.2	82.2	100.00	102.00	104.37	102.87	102.54	103.31
Construction machinery, except tractors.....	82.1	87.2	94.0	100.3	105.1	107.5	100.00	104.53	110.53	115.85	120.61	122.74
Mining and oilfield machinery.....	16.6	18.1	19.3	21.2	22.8	25.3	100.00	106.90	113.17	123.07	129.52	139.95
Service industry machinery.....	68.8	72.1	75.6	79.5	82.7	84.5	100.00	103.57	107.69	112.25	115.99	117.65
Electrical equipment, n.e.c.....	44.7	46.9	50.9	53.9	58.5	63.8	100.00	106.49	116.43	125.56	137.79	151.19
Household appliances.....	2.9	2.8	2.9	2.9	2.9	3.0	100.00	99.49	100.73	102.27	104.57	107.97
Other.....	41.9	44.1	48.0	51.0	55.6	60.8	100.00	106.97	117.51	127.17	140.10	154.19
Other nonresidential equipment.....	112.2	117.4	124.2	132.2	140.9	147.2	100.00	104.39	109.56	115.27	121.30	125.87
Residential equipment	64.1	65.5	67.6	69.3	72.8	75.9	100.00	103.62	107.61	112.38	117.44	122.13
Structures	13,306.3	14,067.9	14,870.4	15,867.2	16,926.9	17,779.4	100.00	102.21	104.70	107.35	110.10	112.70
Nonresidential structures	5,175.0	5,487.0	5,746.2	6,069.9	6,480.0	6,767.2	100.00	102.04	104.33	106.70	109.30	111.56
Nonresidential buildings, excluding farm.....	3,285.6	3,498.9	3,740.8	4,012.5	4,296.2	4,506.6	100.00	102.71	105.66	108.59	111.63	114.11
Industrial buildings.....	729.2	765.4	806.4	843.0	878.1	898.2	100.00	101.24	102.57	102.83	102.85	102.52
Office buildings ²	756.3	804.9	865.5	936.1	1,015.8	1,075.1	100.00	102.63	106.13	109.99	114.58	118.15
Commercial buildings.....	843.8	902.7	965.3	1,035.8	1,109.2	1,165.8	100.00	103.19	106.22	109.20	112.27	115.01
Mobile structures.....	8.5	8.9	9.3	9.9	10.4	10.9	100.00	102.63	106.13	109.33	112.96	116.05
Other commercial ³	835.2	893.7	956.0	1,025.9	1,098.9	1,154.9	100.00	103.20	106.22	109.20	112.27	115.01
Religious buildings.....	145.7	153.9	163.5	176.0	189.1	199.2	100.00	101.88	104.09	107.31	110.68	113.67
Educational buildings.....	137.9	149.7	163.7	179.1	197.0	212.8	100.00	104.61	110.04	115.52	121.93	128.34
Hospital and institutional buildings.....	327.7	348.7	371.1	397.9	426.0	448.8	100.00	102.61	105.08	108.00	110.98	113.94
Other.....	345.1	373.6	405.3	444.5	481.0	506.7	100.00	104.49	109.23	114.53	119.02	122.19
Hotels and motels.....	177.5	194.8	215.3	238.7	261.8	278.3	100.00	105.90	112.59	119.38	125.77	130.34
Amusement and recreational buildings.....	92.7	101.0	109.8	119.9	129.3	135.8	100.00	105.11	109.88	114.96	118.95	121.84
Other nonfarm buildings ⁴	75.0	77.7	80.3	85.9	90.0	92.5	100.00	100.35	100.42	102.44	103.04	103.24
Utilities.....	1,229.0	1,264.7	1,283.0	1,321.6	1,383.6	1,420.3	100.00	100.87	102.20	104.18	106.33	108.39
Railroad.....	299.2	301.2	295.4	286.2	287.1	278.8	100.00	99.54	99.33	98.82	98.16	97.55
Telecommunications.....	235.3	239.5	243.0	258.7	280.5	301.9	100.00	102.15	104.16	110.96	117.70	123.44
Electric light and power.....	483.4	503.9	512.7	532.3	560.4	580.0	100.00	101.01	101.85	103.18	105.12	107.20
Gas.....	168.9	176.7	187.6	198.1	207.9	212.0	100.00	101.34	105.96	107.89	109.81	111.82
Petroleum pipelines.....	42.1	43.4	44.3	46.3	47.7	47.5	100.00	99.85	100.34	101.25	100.98	100.55
Farm related buildings and structures.....	204.4	210.7	218.1	226.8	236.8	243.3	100.00	99.42	99.00	98.72	98.88	99.01
Mining exploration, shafts, and wells.....	311.2	360.8	347.4	344.3	389.8	415.2	100.00	101.65	102.77	102.63	104.21	106.58
Petroleum and natural gas.....	277.4	325.5	311.2	307.0	351.6	376.3	100.00	101.82	103.17	103.18	105.15	107.90
Other mining.....	33.8	35.2	36.2	37.2	38.2	38.8	100.00	100.25	99.25	97.95	96.41	95.49
Other nonfarm structures ⁵	144.8	152.1	156.9	164.6	173.6	181.8	100.00	101.40	102.97	104.62	106.43	108.06
Residential structures	8,131.2	8,580.8	9,124.2	9,797.4	10,447.0	11,012.3	100.00	102.31	104.95	107.77	110.61	113.44
Housing units.....	6,624.6	6,995.2	7,449.5	8,016.1	8,545.6	9,017.7	100.00	102.25	104.85	107.64	110.39	113.14
Permanent site.....	6,483.0	6,845.0	7,289.1	7,845.4	8,369.8	8,837.3	100.00	102.19	104.75	107.50	110.27	113.08
1-to-4-unit.....	5,663.1	5,959.4	6,334.9	6,844.5	7,309.2	7,733.3	100.00	102.38	105.18	108.17	111.20	114.26
Farm.....	126.9	130.4	135.0	143.1	149.4	154.5	100.00	99.96	100.05	100.92	101.42	101.85
Nonfarm.....	5,536.2	5,829.0	6,199.9	6,701.4	7,159.8	7,578.8	100.00	102.44	105.29	108.34	111.43	114.54
5-or-more-unit.....	819.9	885.6	954.2	1,000.9	1,060.6	1,104.0	100.00	100.94	101.92	103.08	104.19	105.33

C. Historical Measures

This table is derived from the "GDP and Other Major NIPA Series" tables that were published in the August 2002 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 indexes		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	2,589.5	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	2.0	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	4.3	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	-6.0	-3.0	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	-4.0	0.0	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	-2.0	0.7	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	62.38	62.38	9.3	9.1	9.3	9.3
1982.....	4,919.3	4,954.9	4,973.6	-2.0	-7.0	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	86.53	86.53	3.9	4.1	3.9	3.9
1991.....	6,676.4	6,681.5	6,703.4	-5.0	-2.0	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	103.17	103.17	1.2	0.8	1.2	1.2
1999.....	8,859.0	8,793.9	8,883.7	4.1	4.3	104.69	103.97	104.69	104.65	1.4	1.5	1.4	1.4
2000.....	9,191.4	9,121.1	9,216.2	3.8	3.7	106.89	106.58	106.89	106.86	2.1	2.5	2.1	2.1
2001.....	9,214.5	9,258.4	9,237.3	0.3	1.5	109.42	108.65	109.42	109.38	2.4	1.9	2.4	2.4
1959: I.....	2,273.0	2,275.1	2,286.2	8.6	9.1	21.79	21.33	21.83	21.82	0.9	1.2	0.9	0.9
1959: II.....	2,332.4	2,314.9	2,345.5	10.9	7.2	21.84	21.37	21.83	21.83	0.9	0.9	0.9	0.9
1959: III.....	2,331.4	2,344.3	2,345.5	-2.0	5.2	21.90	21.43	21.88	21.88	1.2	1.1	1.2	1.2
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	0.9	0.8	0.9	0.9
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	1.7	1.7
1960: III.....	2,383.6	2,380.0	2,398.9	-7.0	-5.0	22.23	21.76	22.23	22.23	1.8	1.8	1.8	1.8
1960: IV.....	2,352.9	2,391.1	2,369.3	-5.0	1.9	22.33	21.86	22.30	22.29	1.9	1.9	1.9	1.9
1961: I.....	2,366.5	2,392.9	2,383.7	2.3	3.0	22.36	21.88	22.35	22.34	0.5	0.4	0.5	0.5
1961: II.....	2,410.8	2,418.3	2,427.1	7.7	4.3	22.40	21.91	22.40	22.39	0.7	0.5	0.7	0.7
1961: III.....	2,450.4	2,437.7	2,467.2	6.8	3.2	22.45	21.96	22.46	22.45	0.9	0.9	0.9	0.9
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	1.0	1.0	1.0
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	1.1	1.1
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	0.3	0.4	0.6	0.6
1963: III.....	2,719.6	2,712.0	2,739.8	7.9	7.4	22.98	22.49	22.98	22.97	0.6	0.8	0.6	0.6
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	0.9	0.9
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

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 indexes		Implicit price deflators	
										Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
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
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.....	3,336.3	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	4.2	4.0	4.0
1972: IV.....	3,990.5	3,988.5	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	11.9	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	62.97	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	69.17	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

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 indexes		Implicit price deflators	
										Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
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	6,068.8	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
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
1988: 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
1988: 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
1988: 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
1989: 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
1989: 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
1989: 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
1990: 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
1990: 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
1990: 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
1991: II.....	6,668.5	6,692.5	6,692.1	2.3	2.4	89.41	89.51	89.40	89.41	1.9	1.9	2.9	2.9
1991: 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
1991: 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
1992: 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
1992: III.....	6,899.7	6,882.7	6,923.3	3.1	3.3	92.26	92.26	91.97	91.97	1.3	2.0	1.3	1.3
1992: 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
1993: II.....	7,031.2	7,008.8	7,056.0	2.5	3.2	93.83	93.98	93.82	93.83	2.4	2.4	2.2	2.2
1993: 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
1993: 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
1994: II.....	7,330.2	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
1994: 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
1994: 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
1995: 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
1995: 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
1995: 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
1996: 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
1996: 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
1996: 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
1997: 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
1997: 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
1997: 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
1998: 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
1998: 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
1998: 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.....	8,733.2	8,654.3	8,755.5	3.0	3.1	104.12	103.19	104.12	104.08	1.8	1.4	1.8	1.8
1999: II.....	8,775.5	8,741.0	8,801.8	2.0	4.1	104.52	103.72	104.51	104.48	1.5	2.1	1.5	1.5
1999: III.....	8,886.9	8,833.6	8,906.4	5.2	4.3	104.84	104.21	104.83	104.80	1.2	1.9	1.2	1.2
1999: IV.....	9,040.1	8,946.6	9,071.1	7.1	5.2	105.28	104.77	105.27	105.24	1.7	2.2	1.7	1.7
2000: I.....	9,097.4	9,042.9	9,119.7	2.6	4.4	106.08	105.72	106.07	106.04	3.1	3.7	3.1	3.1
2000: II.....	9,205.7	9,111.1	9,233.0	4.8	3.1	106.69	106.30	106.68	106.64	2.3	2.2	2.3	2.3
2000: III.....	9,218.7	9,150.4	9,238.2	.6	1.7	107.13	106.87	107.12	107.08	1.6	2.2	1.6	1.7
2000: IV.....	9,243.8	9,179.8	9,274.0	1.1	1.3	107.68	107.43	107.68	107.64	2.1	2.1	2.1	2.1
2001: I.....	9,229.9	9,243.8	9,241.7	-6	2.8	108.66	108.30	108.65	108.62	3.7	3.3	3.7	3.7
2001: II.....	9,193.1	9,234.3	9,224.3	-1.6	-4	109.32	108.76	109.32	109.29	2.5	1.7	2.5	2.5
2001: III.....	9,186.4	9,230.5	9,199.8	-3	-2	109.92	108.72	109.92	109.89	-2	-2	2.2	2.2
2001: IV.....	9,248.8	9,324.9	9,283.5	2.7	4.2	109.78	108.84	109.78	109.74	-5	.4	-5	-5
2002: I.....	9,363.2	9,379.4	9,367.5	5.0	2.4	110.14	109.15	110.14	110.11	1.3	1.2	1.3	1.4
2002: II.....	9,392.4	9,377.9	9,376.7	1.3	-1	110.48	109.77	110.48	110.45	1.2	2.3	1.2	1.2

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

	2000	2001	2001						2002							
			July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.
Consumer and producer prices, (monthly data seasonally adjusted) ¹																
Consumer price index for all urban consumers, 1982-84=100:																
All items	172.2	177.1	177.3	177.4	178.1	177.6	177.5	177.3	177.6	178.0	178.6	179.5	179.5	179.7	179.9	180.5
Less food and energy	181.3	186.1	186.3	186.7	187.1	187.4	188.1	188.3	188.6	189.1	189.3	189.8	190.1	190.2	190.5	191.1
Services	195.3	203.4	203.8	204.5	204.6	204.8	205.6	206.1	206.8	207.4	207.7	208.4	209.2	209.5	210.0	210.8
Producer price index, 1982=100:																
Finished goods	138.0	140.7	140.0	140.6	141.1	139.2	138.3	137.8	137.8	138.1	139.3	139.1	138.6	138.8	138.5	138.5
Less food and energy	148.0	150.0	150.4	150.4	150.6	150.0	150.1	150.4	150.1	150.3	150.2	150.3	150.3	150.6	150.1	149.9
Finished consumer goods	138.2	141.5	140.5	141.2	141.8	139.6	138.4	137.7	137.8	138.2	139.9	139.6	139.0	139.2	139.0	139.0
Capital equipment	138.8	139.7	140.0	140.0	140.1	139.5	139.4	139.6	139.5	139.6	139.5	139.2	139.2	139.4	138.9	138.7
Intermediate materials	129.2	129.7	129.5	129.2	129.3	127.6	126.7	125.9	125.6	125.3	126.5	127.5	127.3	127.6	127.8	128.3
Crude materials	120.6	121.3	113.3	112.5	107.6	98.1	102.9	95.5	99.9	98.7	103.6	108.0	109.5	105.6	106.2	107.9
Money, interest rates, and stock prices																
Money stock (monthly and quarterly data seasonally adjusted): ²																
Percent change:																
M1			1.15	0.76	4.59	-3.26	0.26	1.33	0.27	0.16	0.25	-0.93	0.55	0.60	0.66	-1.15
M2			0.76	0.72	2.10	-0.12	0.86	0.82	0.21	0.62	-0.07	-0.30	1.17	0.61	1.07	0.79
Ratio:																
Gross domestic product to M1	8.898	8.867	8.691	8.691	8.691	8.691	8.691	8.691	8.691	8.705	8.772	8.772	8.772	8.772	8.772	8.772
Personal income to M2	1.752	1.665	1.667	1.653	1.620	1.618	1.605	1.600	1.603	1.600	1.607	1.618	1.605	1.606	1.590	1.583
Interest rates (percent, not seasonally adjusted): ²																
Federal funds rate	6.24	3.88	3.77	3.65	3.07	2.49	2.09	1.82	1.73	1.74	1.73	1.75	1.75	1.75	1.73	1.74
Discount rate on 91-day Treasury bills	5.82	3.40	3.51	3.36	2.64	2.16	1.87	1.69	1.65	1.73	1.79	1.72	1.73	1.70	1.68	1.62
Yield on high-grade corporate bonds	7.57	6.94	7.02	6.85	6.83	6.72	6.51	6.80	6.75	6.65	6.79	6.81	6.77	6.57	6.46	6.20
10-Year U.S. Treasury bonds	6.03	5.02	5.24	4.97	4.73	4.57	4.65	5.09	5.04	4.91	5.28	5.21	5.16	4.93	4.65	4.26
Yield on municipal bonds, 20-bond average	5.71	5.15	5.20	5.03	5.09	5.05	5.04	5.25	5.16	5.11	5.29	5.22	5.19	5.09	5.02	4.95
Mortgage commitment rate	8.06	6.97	7.13	6.95	6.82	6.82	6.66	7.07	7.00	6.89	7.01	6.99	6.81	6.65	6.49	6.29
Average prime rate charged by banks	9.23	6.91	6.75	6.67	6.28	5.53	5.10	4.84	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
Index of stock prices (not seasonally adjusted): ³																
500 common stocks, 1941-43=10	1,427.22	1,194.18	1,204.45	1,178.51	1,044.64	1,076.59	1,129.68	1,144.93	1,140.21	1,100.67	1,153.79	1,112.03	1,079.27	1,014.05	903.59	912.55
Labor markets (thousands, monthly and quarterly data seasonally adjusted, unless otherwise noted) ¹																
Civilian labor force	140,863	141,815	141,651	141,380	142,068	142,280	142,279	142,314	141,390	142,211	142,005	142,570	142,769	142,476	142,390	142,616
Labor force participation rates (percent):																
Males 20 and over	76.6	76.4	76.3	76.2	76.5	76.5	76.5	76.5	75.9	76.1	76.0	76.4	76.7	76.4	76.2	76.2
Females 20 and over	60.9	60.9	60.8	60.8	60.8	60.8	60.8	61.0	60.5	61.1	60.7	61.0	60.8	60.6	60.7	60.8
16-19 years of age	52.2	50.0	49.8	47.7	49.7	49.8	49.4	48.2	47.8	47.8	48.9	47.7	47.7	47.6	47.1	47.1
Civilian employment	135,208	135,073	135,106	134,408	135,004	134,615	134,253	134,055	133,468	134,319	133,894	133,976	134,417	134,053	134,045	134,474
Ratio, civilian employment to working-age population (percent)	64.5	63.8	63.8	63.4	63.6	63.3	63.1	63.0	62.6	63.0	62.8	62.8	62.9	62.7	62.6	62.8
Persons engaged in nonagricultural activities	131,903	131,929	132,051	131,282	131,823	131,412	131,099	130,809	130,195	131,073	130,768	130,823	131,320	130,942	130,763	131,286
Employees on nonagricultural payrolls	131,720	131,922	132,045	131,966	131,819	131,414	131,087	130,890	130,871	130,706	130,701	130,680	130,702	130,736	130,803	130,842
Goods-producing industries	25,669	24,944	24,907	24,776	24,675	24,511	24,353	24,261	24,190	24,041	23,975	23,905	23,870	23,861	23,820	23,787
Services-producing industries	106,051	106,976	107,136	107,190	107,144	106,903	106,734	106,629	106,741	106,665	106,726	106,775	106,832	106,875	106,983	107,055
Average weekly hours, manufacturing (hours)	41.6	40.7	40.8	40.7	40.6	40.5	40.4	40.6	40.6	40.7	41.0	40.9	40.9	41.1	40.7	40.8
Average weekly overtime hours, manufacturing (hours)	4.6	3.9	3.9	4.0	3.9	3.8	3.8	3.8	3.9	3.9	4.1	4.2	4.2	4.3	4.0	4.2
Number of persons unemployed	5,655	6,742	6,545	6,972	7,064	7,665	8,026	8,259	7,922	7,891	8,111	8,594	8,351	8,424	8,345	8,142
Unemployment rates (percent):																
Total	4.0	4.8	4.6	4.9	5.0	5.4	5.6	5.8	5.6	5.5	5.7	6.0	5.8	5.9	5.9	5.7
15 weeks and over	0.9	1.2	1.2	1.3	1.3	1.4	1.6	1.7	1.8	1.8	1.9	2.0	2.1	2.2	2.0	2.0
Average duration of unemployment (weeks)	12.6	13.2	12.7	13.2	13.3	13.0	14.4	14.5	14.6	15.0	15.4	16.6	17.1	17.3	16.4	16.2
Nonfarm business sector, 1992=100:																
Output per hour of all persons	116.2	117.5	117.2	117.2	117.2	117.2	119.3	119.3	119.3	121.8	121.8	122.1	122.1	122.1	122.1	122.1
Unit labor costs	114.4	116.3	116.6	116.6	116.6	116.6	115.0	115.0	115.0	113.6	113.6	113.6	113.6	113.6	113.6	113.6
Hourly compensation	133.0	136.6	136.7	136.7	136.7	136.7	137.2	137.2	137.2	138.4	138.4	139.6	139.6	139.6	139.6	139.6

See footnotes at the end of the table.

Table D.1. Domestic Perspectives—Continued

	2000	2001	2001						2002							
			July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.
Construction (monthly data seasonally adjusted at annual rates) ⁴																
Total new private construction put in place (billions of dollars).....	641.8	650.0	651.0	650.6	648.5	643.4	639.7	640.8	651.5	659.4	655.3	656.7	642.2	634.6	631.7	627.1
Residential.....	374.5	388.7	385.8	391.7	393.5	392.3	394.7	395.2	403.3	413.5	413.8	411.8	413.5	410.8	408.3	407.5
Nonresidential.....	208.2	201.1	203.2	195.4	192.3	190.0	185.4	184.4	185.6	183.2	178.5	179.6	170.5	166.7	162.4	159.2
Housing starts (thousands of units):																
Total.....	1,569	1,603	1,664	1,562	1,582	1,531	1,604	1,583	1,713	1,788	1,675	1,566	1,742	1,692	1,645	1,609
1-unit structures.....	1,231	1,273	1,294	1,274	1,263	1,238	1,241	1,294	1,344	1,472	1,298	1,261	1,380	1,344	1,309	1,252
New 1-family houses sold (thousands of units).....	877	908	881	871	856	865	938	979	870	937	915	932	974	959	977	996
Manufacturing and trade, inventories and sales (millions of dollars, monthly data seasonally adjusted) ⁴																
Inventories:																
Total manufacturing and trade.....	1,183,102	1,108,320	1,168,281	1,165,434	1,158,937	1,141,500	1,129,548	1,122,990	1,122,911	1,120,288	1,116,303	1,113,864	1,116,527	1,119,454	1,124,479	.....
Manufacturing.....	466,269	429,097	460,388	456,084	452,041	449,047	443,805	439,162	436,648	434,087	431,434	430,153	428,592	428,230	427,813	.....
Merchant wholesalers.....	305,560	289,050	298,162	297,130	295,863	292,811	289,487	288,014	286,994	284,508	283,732	281,193	281,080	282,340	284,152	.....
Retail trade.....	411,273	390,173	409,731	412,220	411,033	399,642	396,256	395,814	399,269	401,693	401,137	402,518	406,855	408,884	412,514	.....
Sales:																
Total manufacturing and trade.....	9,935,413	9,781,327	8,14,554	8,18,222	7,97,312	8,15,570	8,06,128	8,03,854	8,11,196	8,04,624	8,08,644	8,22,615	8,20,227	8,22,795	8,32,816	.....
Manufacturing.....	4,124,514	3,897,730	3,25,820	3,26,654	3,13,222	3,18,134	3,15,079	3,16,191	3,21,171	3,11,476	3,15,593	3,22,962	3,23,736	3,20,810	3,25,911	.....
Merchant wholesalers.....	2,751,761	2,715,755	2,25,620	2,27,530	2,25,481	2,21,161	2,22,704	2,20,380	2,23,023	2,24,738	2,24,855	2,28,131	2,28,052	2,29,638	2,30,991	.....
Retail trade.....	3,059,138	3,167,842	2,63,114	2,64,038	2,58,609	2,76,275	2,68,345	2,67,283	2,67,002	2,68,410	2,68,196	2,71,522	2,68,439	2,72,347	2,75,914	.....
Industrial production indexes and capacity utilization rates (monthly data seasonally adjusted) ²																
Industrial production indexes, 1992=100:																
Total.....	145.7	140.1	140.4	140.0	138.5	137.7	137.2	136.7	137.6	138.1	138.6	138.8	139.4	140.3	140.9	140.5
By industry:																
Durable manufactures.....	190.0	179.3	180.0	178.9	176.1	173.9	174.3	174.1	175.7	176.0	176.6	177.2	178.4	179.7	180.3	180.3
Nondurable manufactures.....	114.8	111.4	111.5	111.1	110.5	110.8	110.2	109.7	110.3	110.5	110.9	110.5	111.0	111.4	111.7	111.5
By market category:																
Consumer goods.....	121.9	120.7	122.2	121.4	119.9	119.6	120.0	120.6	120.6	121.2	121.7	121.4	121.4	122.3	123.0	122.4
Capacity utilization rates (percent):																
Total industry.....	81.8	76.8	76.7	76.4	75.5	75.0	74.7	74.4	74.8	75.0	75.2	75.3	75.6	76.0	76.2	76.0
Manufacturing.....	80.7	75.1	75.1	74.6	73.7	73.3	73.2	72.9	73.4	73.5	73.7	73.6	74.0	74.3	74.5	74.4
Credit market borrowing (billions of dollars, quarterly data seasonally adjusted at annual rates) ²																
All sectors, by instrument:																
Total.....	1,741.3	2,020.7	.....	2,286.2	.....	.....	2,214.7	.....	.....	1,887.5	.....	.....	2,461.3	.....	.....	.....
Open market paper.....	207.6	-164.4	.....	-163.5	.....	.....	37.8	.....	.....	-269.2	.....	.....	-167.3	.....	.....	.....
U.S. government securities.....	137.6	623.8	.....	1,027.8	.....	.....	635.2	.....	.....	731.8	.....	.....	948.4	.....	.....	.....
Municipal securities.....	35.3	117.6	.....	70.0	.....	.....	190.1	.....	.....	70.3	.....	.....	186.4	.....	.....	.....
Corporate and foreign bonds.....	400.8	653.4	.....	416.7	.....	.....	731.5	.....	.....	589.6	.....	.....	638.7	.....	.....	.....
Bank loans, n.e.c.....	112.8	-75.8	.....	-18.6	.....	.....	-162.4	.....	.....	-4.6	.....	.....	-129.3	.....	.....	.....
Other loans and advances.....	142.7	50.3	.....	115.3	.....	.....	-98.7	.....	.....	-15.8	.....	.....	65.6	.....	.....	.....
Mortgages.....	565.6	705.6	.....	767.9	.....	.....	731.2	.....	.....	704.0	.....	.....	817.0	.....	.....	.....
Consumer credit.....	139.0	110.2	.....	70.6	.....	.....	149.9	.....	.....	81.4	.....	.....	101.9	.....	.....	.....

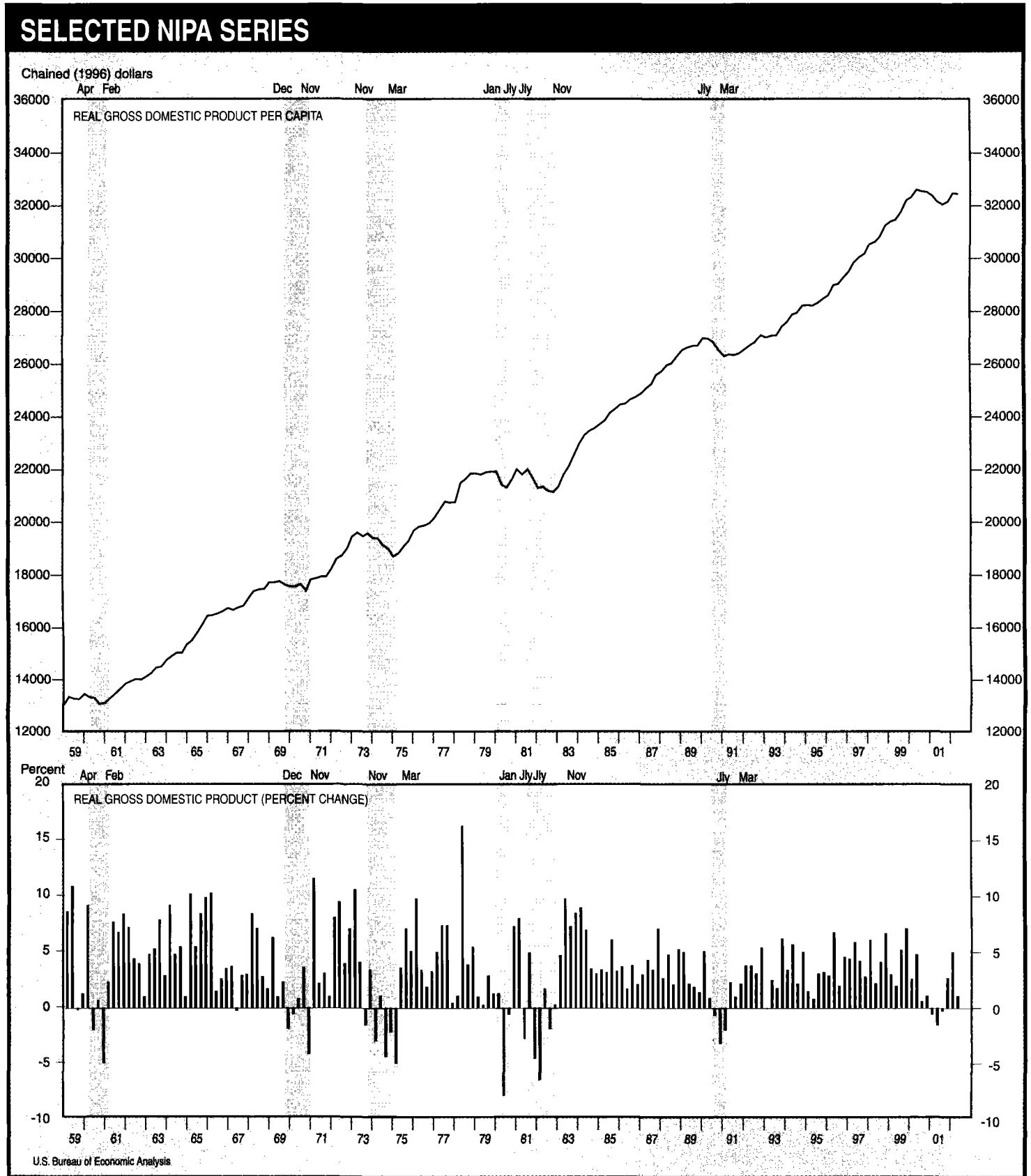
Sources:

1. Bureau of Labor Statistics
2. Federal Reserve Board

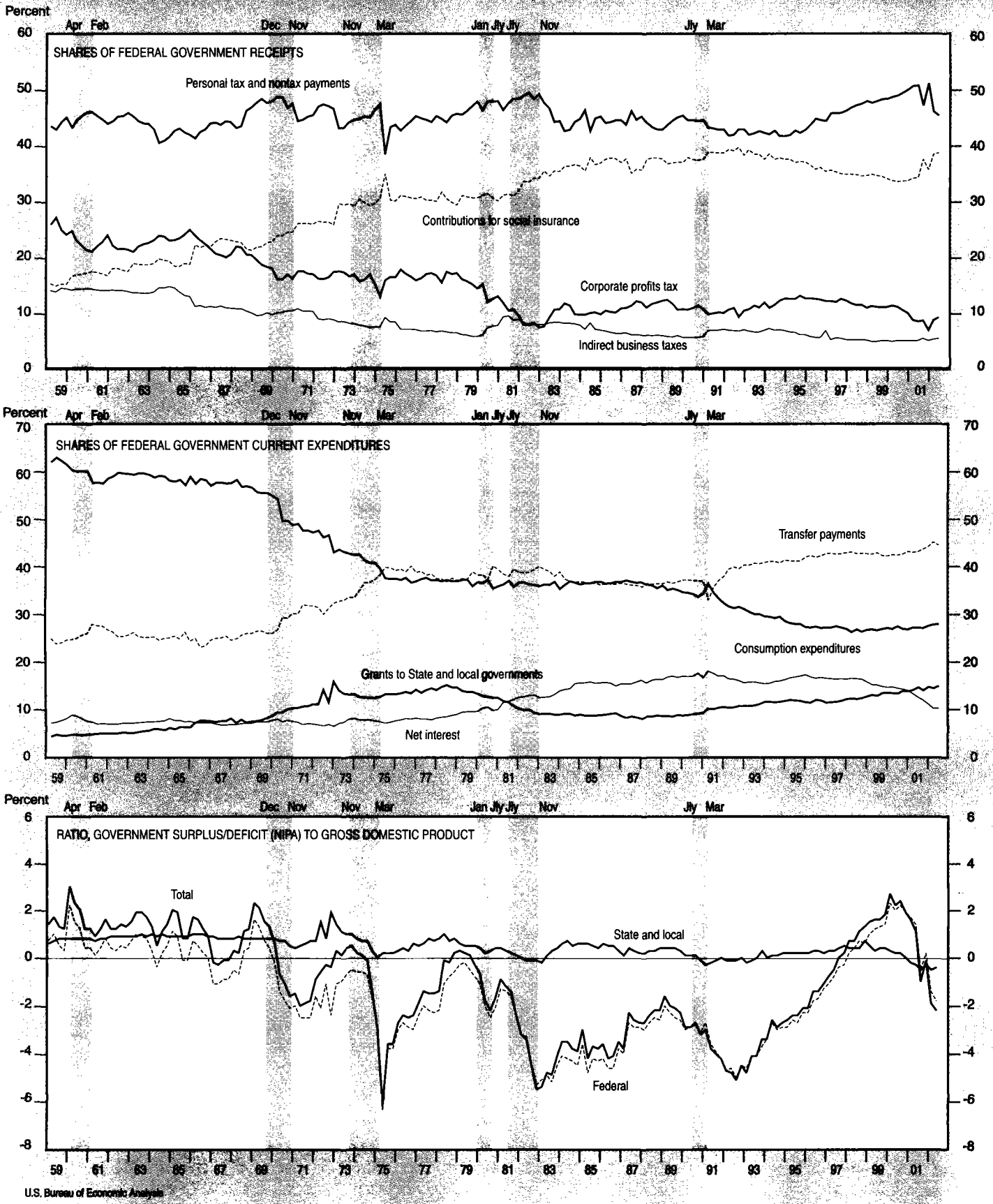
3. Standard and Poor's, Inc.
4. Bureau of the Census
n.e.c. Not elsewhere classified

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.

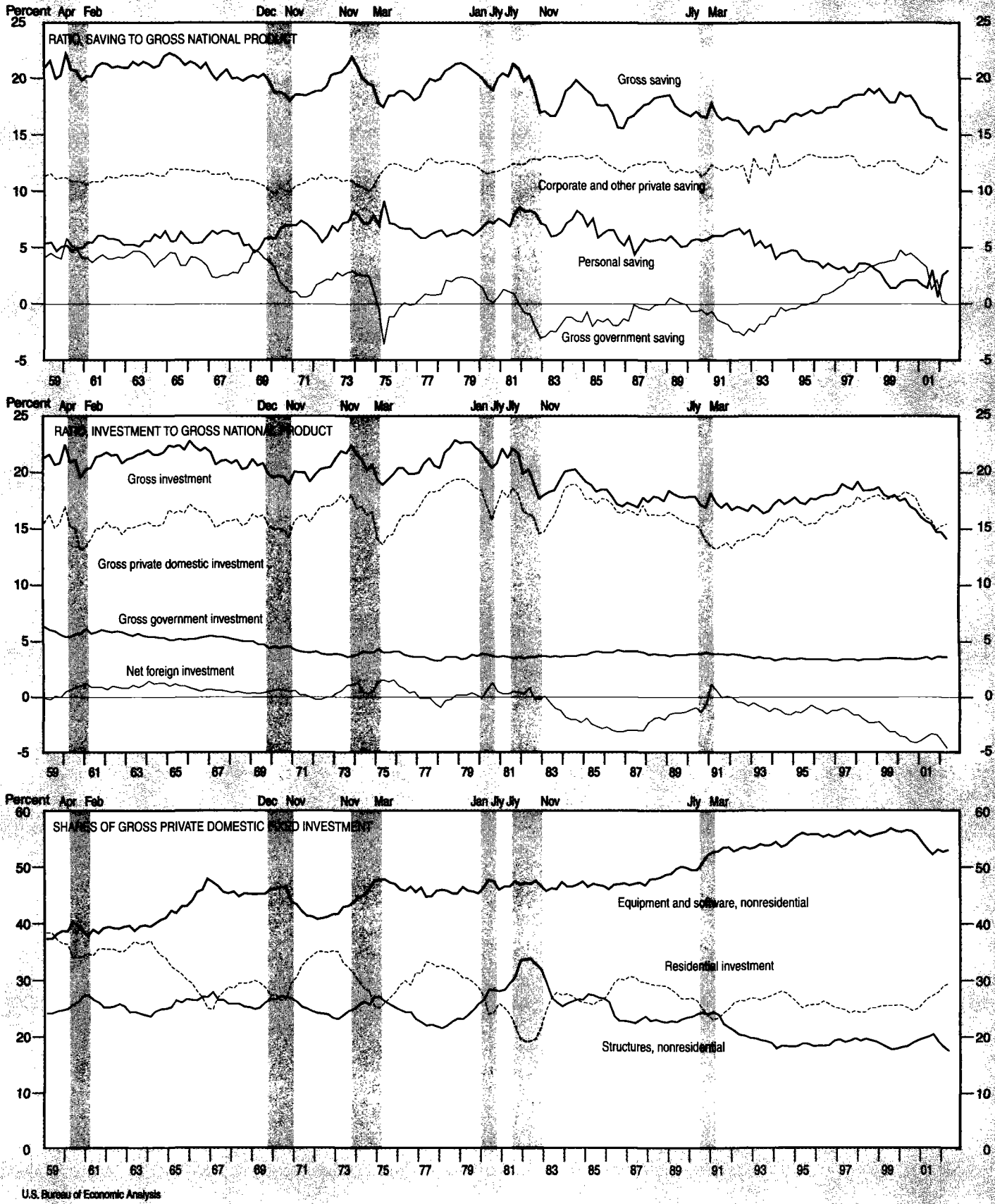


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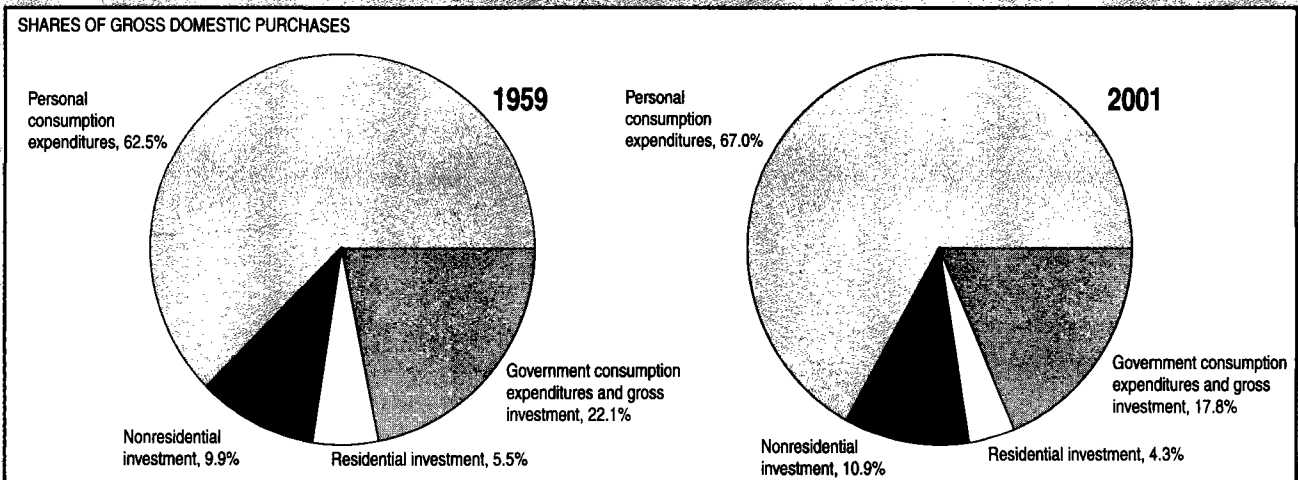
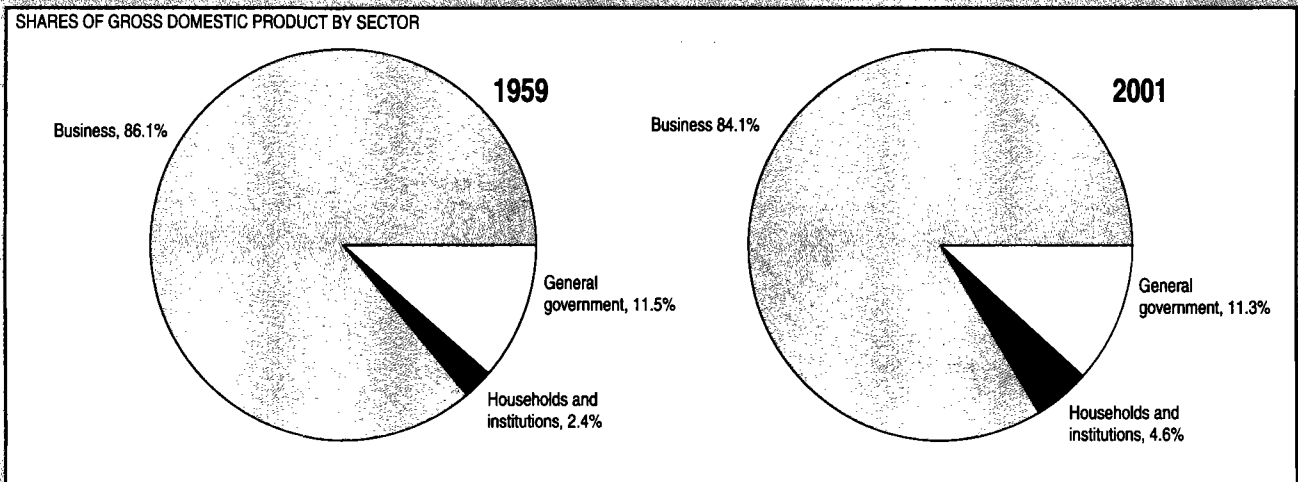
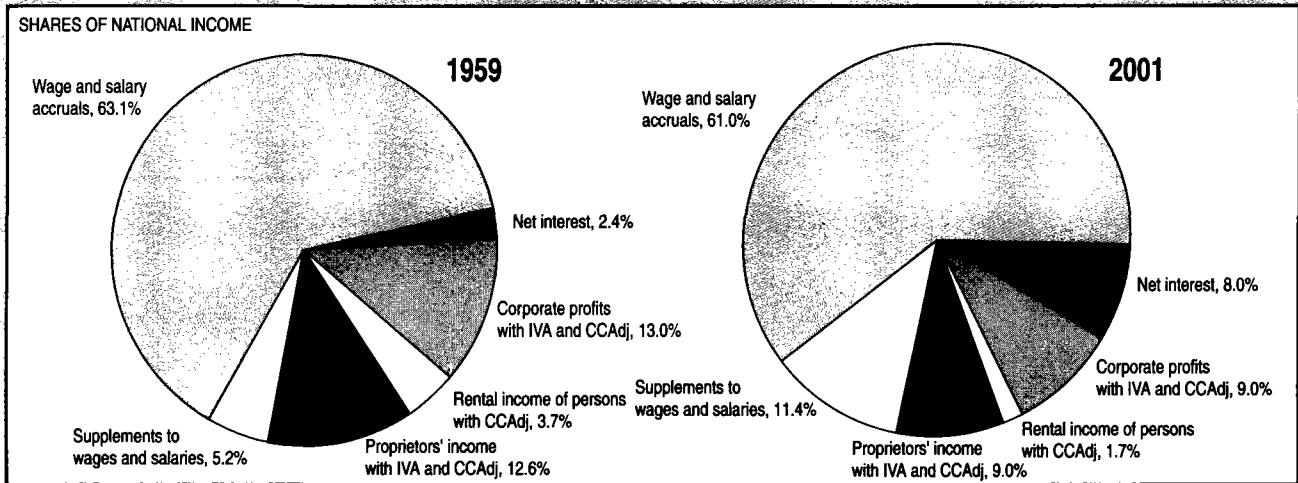


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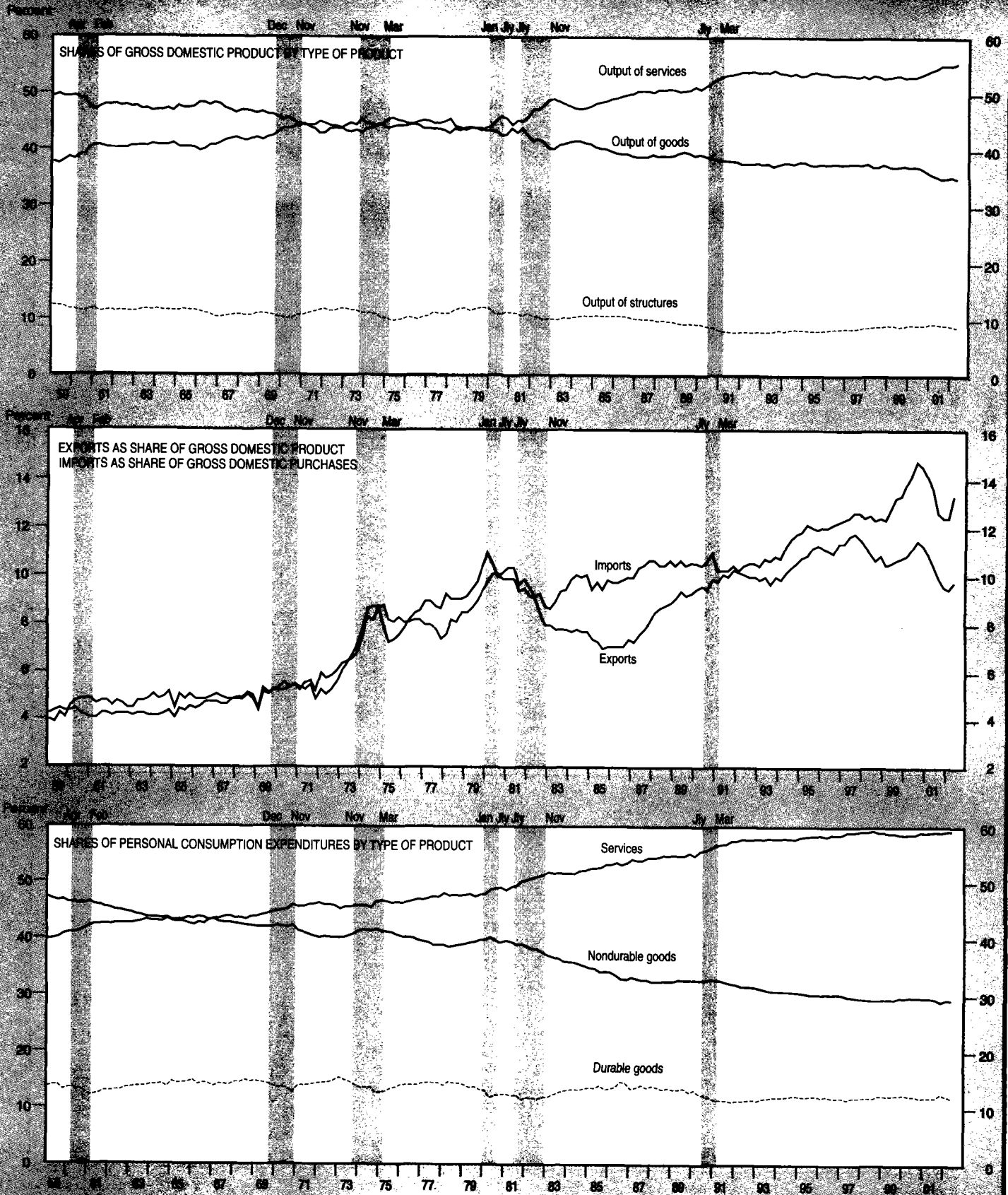
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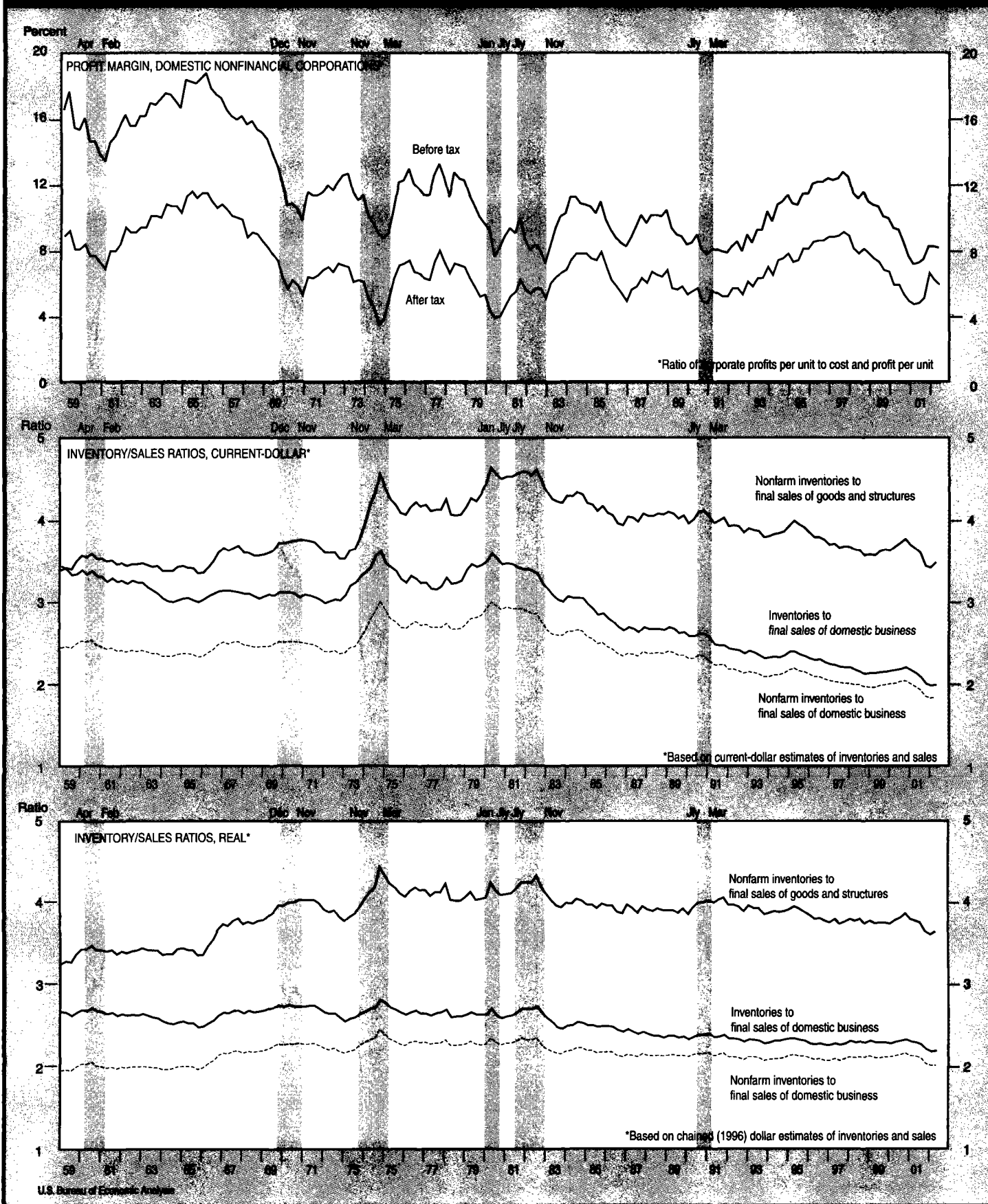


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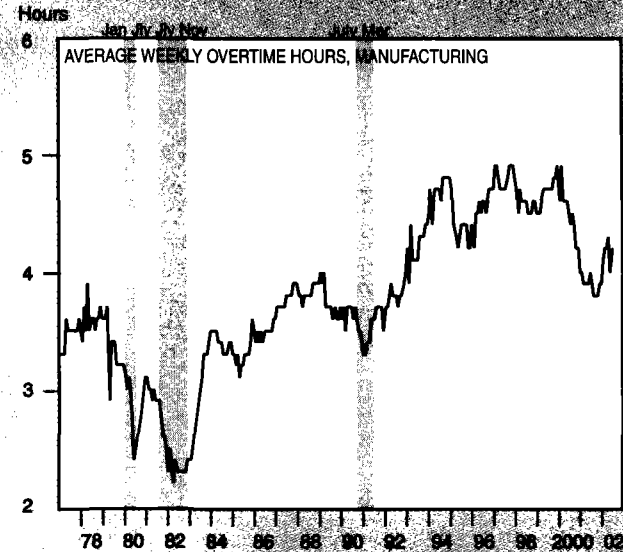
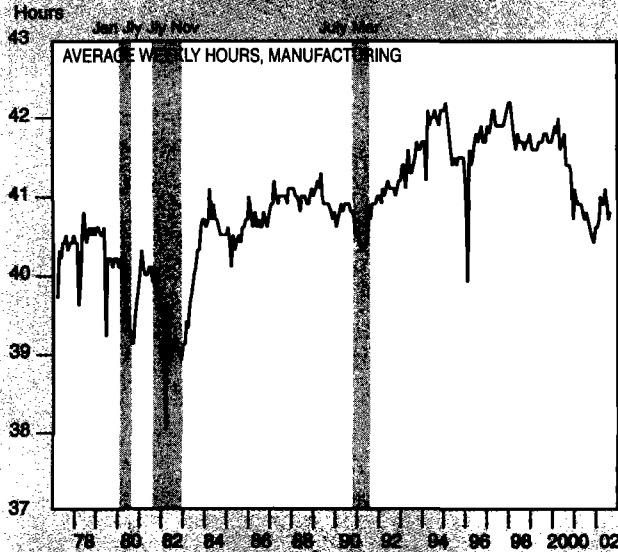
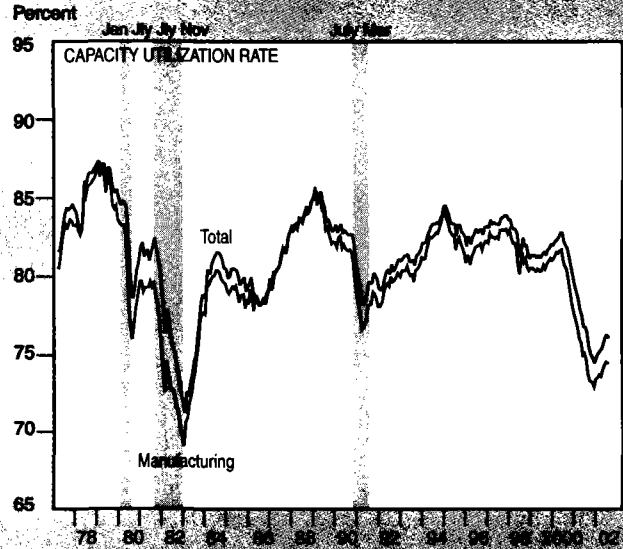
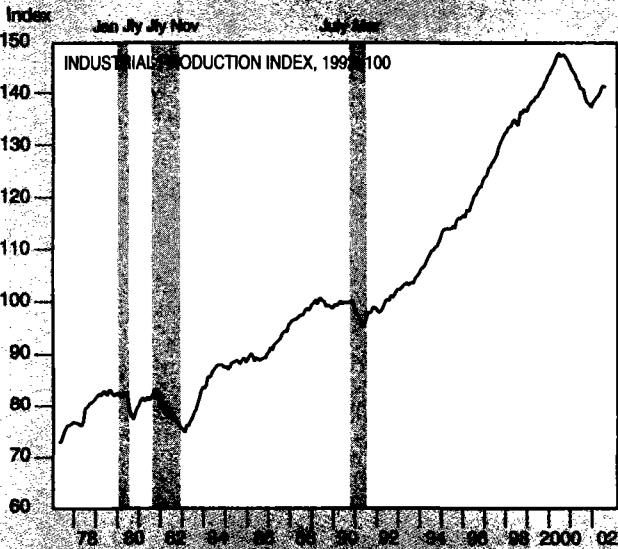
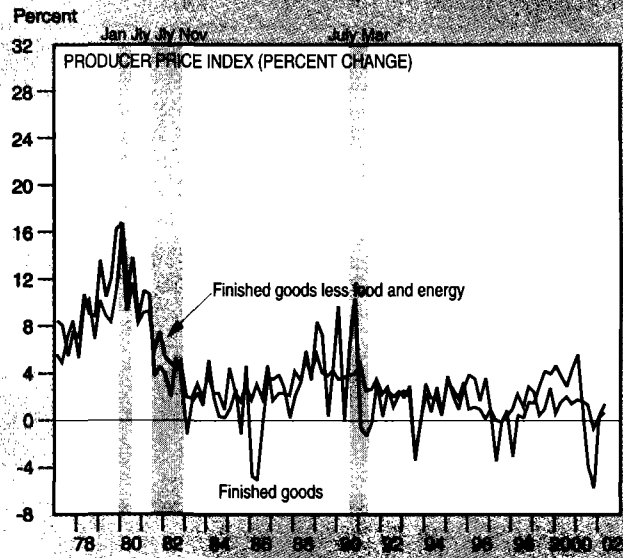
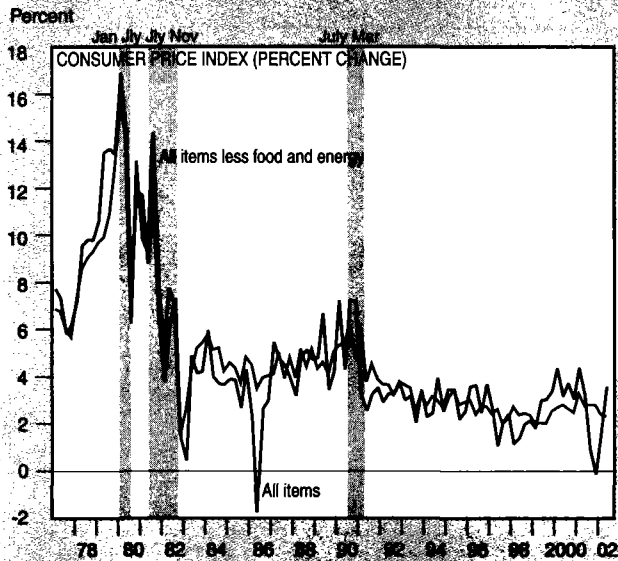


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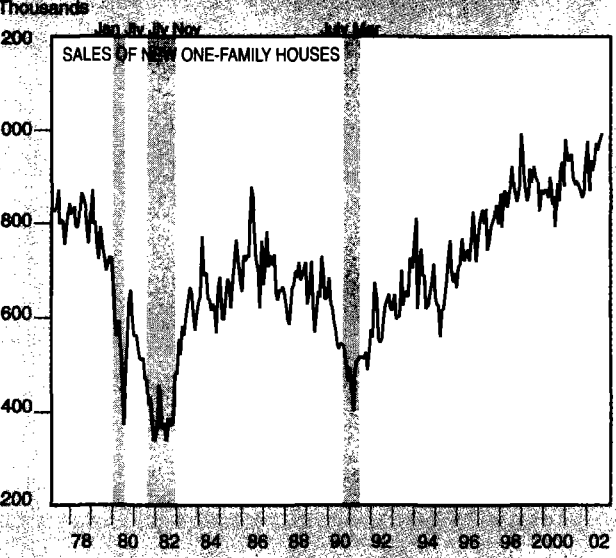
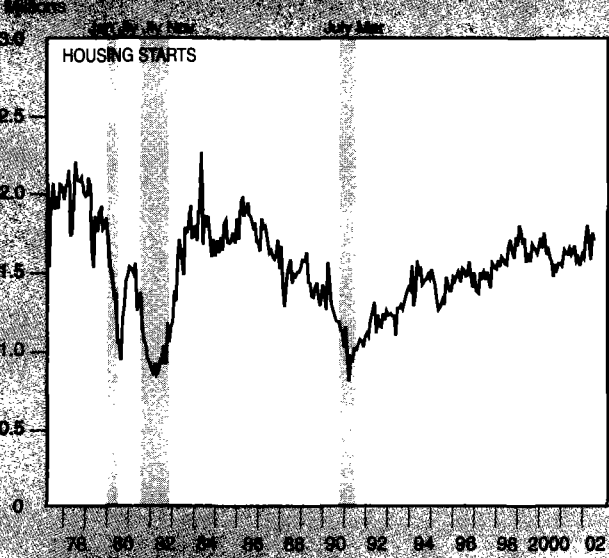
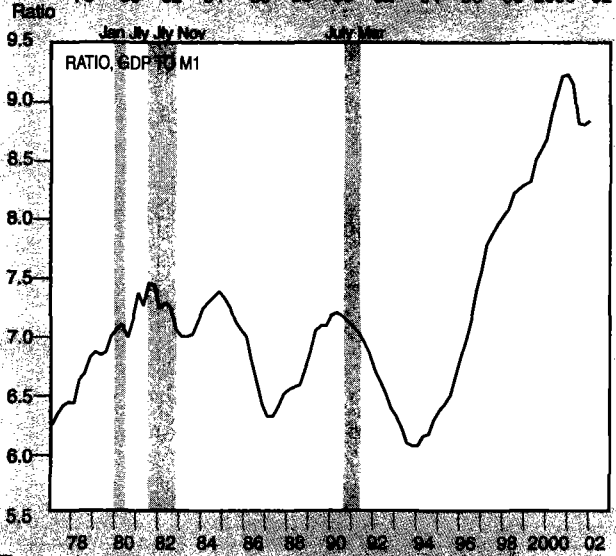
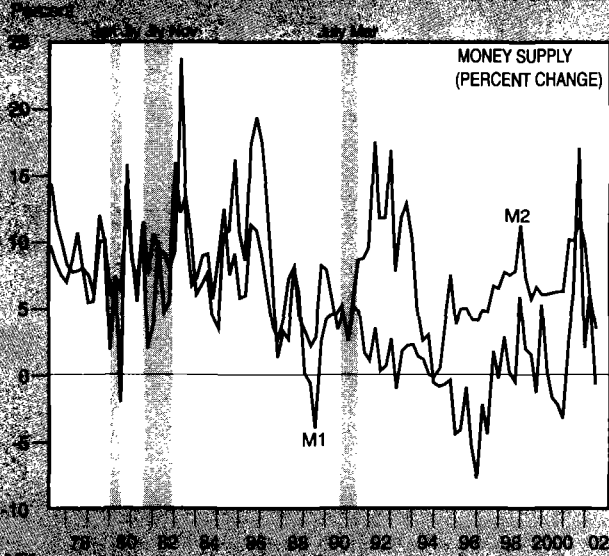
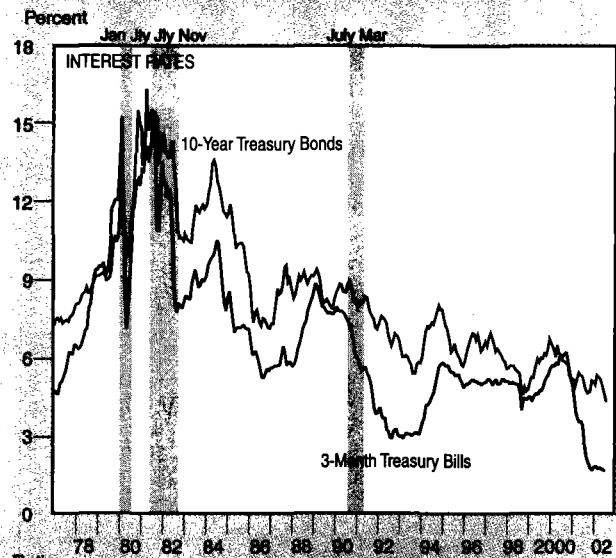
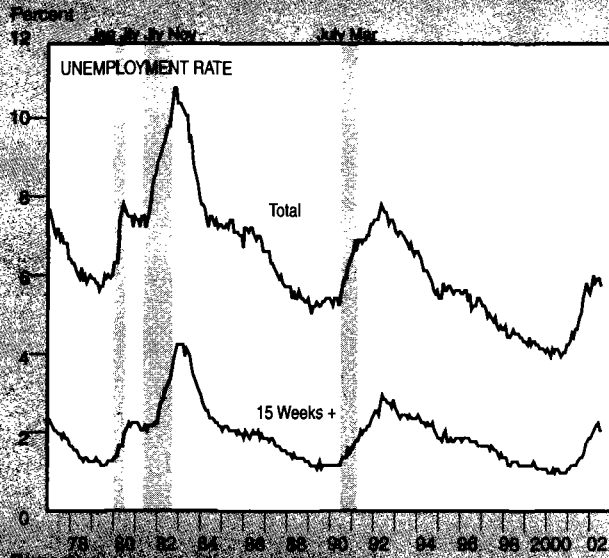


OTHER INDICATORS OF THE DOMESTIC ECONOMY



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OTHER INDICATORS OF THE DOMESTIC ECONOMY



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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 September 18, 2002, and they include "preliminary" estimates for July 2002 and "revised" estimates for January–June 2002. 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]

	2000	2001	2001							2002						
			June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan. ^r	Feb. ^r	March ^r	April ^r	May ^r	June ^r	July ^p
Exports of goods and services.....	1,064,239	998,022	84,385	82,199	83,092	77,033	77,549	77,905	77,477	77,528	77,332	78,391	80,329	81,009	82,165	83,230
Goods.....	771,994	718,762	60,558	58,610	58,939	55,725	56,360	56,007	54,991	55,014	54,656	54,978	56,848	57,329	58,249	59,126
Foods, feeds, and beverages.....	47,871	49,407	4,013	4,040	4,157	3,995	4,149	4,168	4,104	4,232	4,289	3,901	3,891	3,993	4,258	4,307
Industrial supplies and materials.....	172,615	160,104	13,459	12,894	13,143	12,249	12,611	12,464	12,445	12,296	12,244	12,291	13,117	13,314	13,325	13,245
Capital goods, except automotive.....	356,934	321,714	26,908	26,099	25,726	24,328	24,373	24,294	23,511	23,661	23,310	24,129	24,118	24,277	25,139	25,282
Automotive vehicles, engines, and parts....	80,356	75,435	6,611	6,368	6,513	6,405	6,285	6,269	6,009	6,018	6,200	6,244	6,689	6,762	6,660	7,090
Consumer goods (nonfood), except automotive.....	89,377	88,331	7,302	7,298	7,133	6,955	7,054	6,945	7,126	6,955	6,856	6,748	7,081	6,874	7,106	7,250
Other goods.....	34,765	34,110	3,167	2,941	3,029	2,663	2,821	2,746	2,674	2,584	2,638	2,714	2,803	3,045	2,636	2,879
Adjustments ¹	-9,924	-10,339	-901	-1,029	-763	-871	-934	-878	-878	-732	-881	-1,048	-850	-936	-875	-927
Services.....	292,245	279,260	23,827	23,589	24,153	21,308	21,189	21,898	22,486	22,514	22,676	23,413	23,481	23,680	23,916	24,104
Travel.....	82,267	73,119	6,441	6,386	6,721	4,738	4,359	5,011	5,366	5,520	5,630	5,888	5,621	5,722	5,857	5,915
Passenger fares.....	20,760	18,007	1,592	1,613	1,754	1,155	1,120	1,198	1,311	1,373	1,376	1,422	1,353	1,420	1,436	1,475
Other transportation.....	30,137	28,306	2,330	2,359	2,443	2,166	2,296	2,199	2,179	2,249	2,225	2,331	2,340	2,339	2,348	2,334
Royalties and license fees.....	39,607	38,668	3,236	3,185	3,175	3,177	3,196	3,220	3,256	3,267	3,307	3,357	3,459	3,503	3,528	3,533
Other private services.....	104,707	108,109	9,070	8,946	8,976	8,963	9,146	9,209	9,205	9,035	9,075	9,363	9,541	9,622	9,672	9,775
Transfers under U.S. military agency sales contracts ²	13,981	12,220	1,091	1,029	1,012	1,038	1,006	997	1,105	1,005	998	987	1,101	1,008	1,008	1,006
U.S. Government miscellaneous services	786	831	67	71	72	71	66	64	64	65	65	65	66	66	67	66
Imports of goods and services.....	1,442,920	1,356,312	115,163	113,047	112,542	96,514	108,389	107,813	104,756	107,356	110,447	110,942	116,312	118,713	118,916	117,784
Goods.....	1,224,417	1,145,927	96,318	94,243	93,396	91,385	91,394	90,102	86,525	88,481	91,009	91,583	96,998	99,027	98,868	97,974
Foods, feeds, and beverages.....	45,979	46,641	3,910	4,024	3,928	3,984	3,966	3,983	3,821	3,870	4,029	3,975	4,075	4,144	4,132	4,241
Industrial supplies and materials.....	298,980	273,870	23,210	22,432	22,129	21,686	21,021	19,637	18,258	18,934	18,993	19,936	22,781	23,065	22,532	22,671
Capital goods, except automotive.....	347,025	297,993	24,703	23,860	23,569	22,501	22,838	22,771	22,464	22,859	23,066	23,413	23,836	24,086	24,181	23,918
Automotive vehicles, engines, and parts....	195,875	189,782	16,117	16,048	16,198	15,698	15,555	15,823	15,507	15,275	16,351	15,984	17,007	17,651	17,223	17,269
Consumer goods (nonfood), except automotive.....	281,832	284,293	23,801	23,623	23,417	23,379	23,765	23,620	22,222	23,244	24,414	23,672	25,007	25,620	26,145	25,562
Other goods.....	48,331	48,421	4,000	4,044	3,912	3,912	4,036	4,062	4,085	4,064	3,928	4,328	3,971	4,141	4,376	4,041
Adjustments ¹	6,395	4,928	577	212	243	225	213	206	169	235	229	274	320	321	280	274
Services.....	218,503	210,385	18,845	18,804	19,146	5,129	16,995	17,711	18,231	18,875	19,438	19,359	19,314	19,686	20,048	19,810
Travel.....	64,788	60,117	5,282	5,192	5,374	3,302	3,846	4,411	4,691	4,751	4,789	5,047	4,702	4,949	5,031	4,995
Passenger fares.....	24,306	22,418	2,077	2,164	2,256	1,524	1,365	1,488	1,598	1,685	1,689	1,739	1,671	1,704	1,751	1,772
Other transportation.....	41,598	38,823	3,241	3,142	3,114	2,922	3,007	2,945	3,045	3,017	2,928	2,913	3,267	3,270	3,210	3,182
Royalties and license fees.....	16,115	16,359	1,347	1,371	1,373	1,369	1,367	1,367	1,376	1,391	1,353	1,420	1,417	1,426	1,426	1,443
Other private services.....	55,253	54,588	5,470	5,475	5,529	-6,139	5,739	5,807	5,805	6,311	6,337	6,473	6,447	6,509	6,540	6,581
Direct defense expenditures ²	13,560	15,198	1,186	1,217	1,258	1,310	1,416	1,458	1,479	1,475	1,494	1,519	1,567	1,587	1,596	1,596
U.S. Government miscellaneous services	2,883	2,882	242	243	242	241	235	235	237	245	248	248	243	241	241	241
Memoranda:																
Balance on goods.....	-452,423	-427,165	-35,760	-35,633	-34,458	-35,660	-35,034	-34,095	-31,534	-33,467	-36,353	-36,604	-40,149	-41,698	-40,619	-38,848
Balance on services.....	73,742	68,875	4,982	4,785	5,007	16,179	4,194	4,187	4,255	3,639	3,238	4,054	4,167	3,994	3,868	4,294
Balance on goods and services.....	-378,681	-358,290	-30,778	-30,848	-29,451	-19,481	-30,840	-29,908	-27,279	-29,828	-33,115	-32,550	-35,982	-37,704	-36,751	-34,554

^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,” “Table F.3.—U.S. International Transactions, by Area,” and “Table F.4.—Private Services Transactions” are not published in this issue. The estimates are presented in “U.S. International Transactions, Second Quarter 2002,” which begins on page 39.

G. Investment Tables

Table G.1. International Investment Position of the United States at Yearend, 2000 and 2001
 (Millions of dollars)

Line	Type of investment	Position, 2000 ^r	Changes in position in 2001 (decrease (-))				Total (a+b+c+d)	Position, 2001 ^p
			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)	-1,350,791	-381,845	-116,510	-103,402	4,414	-597,343	-1,948,134
2	With direct investment positions at market value (line 4 less line 25)	-1,583,153	-381,845	-215,482	-145,572	16,935	-725,964	-2,309,117
U.S.-owned assets abroad:								
3	With direct investment positions at current cost (lines 5+10+15)	6,191,934	370,962	-258,272	-124,662	16,177	4,205	6,196,139
4	With direct investment positions at market value (lines 5+10+16)	7,350,862	370,962	-715,843	-163,854	20,616	-487,919	6,862,943
5	U.S. official reserve assets	129,400	4,911	536	-3,879	-7	1,561	129,961
6	Gold	71,799	.....	³ 536	.....	⁴ -7	529	72,328
7	Special drawing rights	10,539	630	.....	-386	.....	244	10,783
8	Reserve position in the International Monetary Fund	14,824	3,600	.....	-555	.....	3,045	17,869
9	Foreign currencies	31,238	681	.....	-2,938	.....	-2,257	28,981
10	U.S. Government assets, other than official reserve assets	85,164	486	.....	.....	.....	486	85,650
11	U.S. credits and other long-term assets ⁵	82,570	558	.....	.....	.....	558	83,128
12	Repayable in dollars	82,289	561	.....	.....	.....	561	82,850
13	Other ⁶	281	-3	.....	.....	.....	-3	278
14	U.S. foreign currency holdings and U.S. short-term assets	2,594	-72	.....	.....	.....	-72	2,522
U.S. private assets:								
15	With direct investment at current cost (lines 17+19+22+23)	5,978,370	365,565	-258,808	-120,783	16,184	2,158	5,980,528
16	With direct investment at market value (lines 18+19+22+23)	7,137,298	365,565	-716,379	-159,975	20,823	-489,966	6,647,332
Direct investment abroad:								
17	At current cost	1,515,279	127,840	19,533	-17,713	-21,817	107,843	1,623,122
18	At market value	2,674,207	127,840	-438,036	-56,905	-17,178	-384,281	2,289,926
19	Foreign securities	2,389,427	94,662	-278,341	-95,228	.....	-278,907	2,110,520
20	Bonds	557,019	-12,147	18,214	-17,304	.....	-11,237	545,782
21	Corporate stocks	1,832,408	106,809	-296,555	-77,924	.....	-267,670	1,564,738
22	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	821,564	14,358	.....	-5,811	.....	8,547	830,111
23	U.S. claims reported by U.S. banks, not included elsewhere	1,252,100	128,705	.....	-2,031	.....	38,001	1,416,775
Foreign-owned assets in the United States:								
24	With direct investment at current cost (lines 26+33)	7,542,725	752,807	-141,762	-21,260	11,763	601,548	8,144,273
25	With direct investment at market value (lines 26+34)	8,934,015	752,807	-500,361	-18,282	3,861	238,045	9,172,060
26	Foreign official assets in the United States	1,008,890	5,225	1,623	.....	6,000	12,848	1,021,738
27	U.S. Government securities	749,904	31,666	11,274	.....	6,000	48,940	798,844
28	U.S. Treasury securities	625,161	10,745	8,796	.....	6,001	25,542	650,703
29	Other	124,743	20,921	2,478	.....	-1	23,398	148,141
30	Other U.S. Government liabilities ⁷	13,739	-1,882	.....	.....	.....	-1,882	11,857
31	U.S. liabilities reported by U.S. banks, not included elsewhere	153,403	-30,278	.....	.....	.....	-30,278	123,125
32	Other foreign official assets	91,844	5,719	-9,651	.....	.....	-3,932	87,912
Other foreign assets:								
33	With direct investment at current cost (lines 35+37+38+41+42+43)	6,533,835	747,582	-143,385	-21,260	5,763	588,700	7,122,535
34	With direct investment at market value (lines 36+37+38+41+42+43)	7,925,125	747,582	-501,984	-18,282	-2,119	225,197	8,150,322
Direct investment in the United States:								
35	At current cost	1,374,752	130,796	14,214	-2,978	-17,860	124,172	1,498,924
36	At market value	2,766,042	130,796	-344,385	.....	-25,742	-239,331	2,526,711
37	U.S. Treasury securities	400,966	-7,670	4,719	.....	.....	-9,241	388,774
38	U.S. securities other than U.S. Treasury securities	2,623,628	407,653	-162,318	-12,309	.....	233,026	2,856,654
39	Corporate and other bonds	1,075,988	288,200	40,741	-12,309	.....	316,632	1,392,620
40	Corporate stocks	1,547,640	119,453	-203,059	.....	.....	-83,606	1,464,034
41	U.S. currency	251,786	23,783	.....	.....	.....	23,783	275,569
42	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	729,340	82,353	.....	-2,140	-5,136	75,077	804,417
43	U.S. liabilities reported by U.S. banks, not included elsewhere	1,153,363	110,667	.....	-3,833	.....	144,834	1,298,197

^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 resources provided to foreigners under foreign assistance programs requiring repayment over several years. 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.

Source: Table 1 in "The International Investment Position of the United States at Yearend 2001" in the July 2002 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, 1999-2001
[Millions of dollars]

	Direct investment position on a historical-cost basis			Capital outflows (inflows (-))			Income		
	1999	2000	2001	1999	2000	2001	1999	2000	2001
All countries, all industries	1,173,122	1,293,431	1,381,674	174,576	164,969	113,977	112,359	135,109	111,089
By country									
Canada	111,747	128,814	139,031	18,122	18,950	14,440	12,103	14,688	11,773
Europe	611,958	679,457	725,793	99,224	92,427	56,133	57,704	66,523	55,667
<i>Of which:</i>									
France	39,960	38,752	38,457	512	2,011	655	1,386	2,404	1,920
Germany	48,445	50,963	61,437	4,268	3,099	11,360	4,621	4,588	2,690
Netherlands	110,321	117,557	131,884	8,253	2,953	16,058	12,598	11,858	13,417
Switzerland	44,499	55,854	62,897	8,407	9,959	6,629	7,098	7,025	7,576
United Kingdom	228,574	241,663	249,201	47,839	35,763	13,231	14,915	20,655	12,051
Latin America and Other Western Hemisphere	237,748	251,863	269,556	34,277	23,442	26,510	19,636	18,703	18,718
<i>Of which:</i>									
Bermuda	51,613	56,584	61,929	7,786	6,532	5,865	4,373	6,036	5,045
Brazil	37,363	39,033	36,317	3,484	3,091	-17	1,511	1,579	756
Mexico	32,868	37,332	52,168	5,978	5,302	15,078	4,448	4,371	4,409
Panama	33,143	29,316	25,296	2,259	1,231	753	2,365	501	452
Africa	13,621	14,417	15,872	498	1,151	798	1,876	2,675	2,063
Middle East	10,712	11,087	12,643	5	1,635	1,269	1,180	2,254	1,314
Asia and Pacific	184,313	205,317	216,501	21,890	27,333	15,012	19,927	29,983	21,153
<i>Of which:</i>									
Australia	34,743	35,364	34,041	3,244	2,421	-423	2,472	3,586	1,690
Japan	56,393	59,441	64,103	9,449	6,279	5,474	4,749	7,805	5,683
International	3,024	2,476	2,278	560	31	-184	-68	282	402
By industry									
Petroleum	90,493	95,834	102,074	9,481	10,594	12,668	10,174	18,667	13,866
Manufacturing	306,156	353,550	376,259	34,939	58,049	36,381	33,213	38,965	28,806
Food and kindred products	34,225	35,933	35,496	1,359	2,913	1,692	3,821	3,868	4,029
Chemicals and allied products	81,656	100,872	108,663	7,346	16,462	10,800	9,250	9,882	10,355
Primary and fabricated metals	18,328	18,773	21,488	1,088	633	2,895	1,381	1,631	1,211
Industrial machinery and equipment	35,337	41,199	52,392	6,393	7,305	12,039	4,445	6,652	4,940
Electronic and other electric equipment	36,996	49,065	48,391	3,940	16,156	905	3,679	5,683	2,768
Transportation equipment	36,045	40,052	39,142	6,687	7,159	578	4,416	3,613	612
Other manufacturing	63,569	67,656	70,687	8,126	7,420	7,473	6,220	7,637	4,890
Wholesale trade	74,215	83,724	92,836	6,413	12,434	9,289	10,837	12,524	12,093
Depository institutions	38,365	38,071	49,319	533	-2,221	9,925	856	1,826	2,520
Finance, (except depository institutions), insurance, and real estate	498,468	542,641	572,545	86,419	54,147	34,983	45,906	52,938	46,135
Services	72,054	80,144	86,491	14,473	10,785	7,513	8,050	8,912	6,817
Other industries	93,371	99,469	102,150	22,318	21,182	3,217	3,323	1,277	854

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, 2001" in the September 2002 issue of the Survey of Current Business.

Table G.3. Selected Financial and Operating Data for Nonbank Foreign Affiliates of U.S. Companies by Country and by Industry of Affiliate, 1999

	All nonbank affiliates						Majority-owned nonbank foreign affiliates (MOFA's)						Thousands of employees
	Millions of dollars					Thousands of employees	Millions of dollars						
	Total assets	Sales	Net income	U.S. exports of goods shipped to affiliates	U.S. imports of goods shipped by affiliates		Total assets	Sales	Net income	Gross product	U.S. exports of goods shipped to MOFA's	U.S. imports of goods shipped by MOFA's	
All countries, all industries	4,628,182	2,587,301	199,069	208,850	193,615	8,907.1	4,041,598	2,195,327	160,490	561,158	202,914	181,283	7,470.8
By country													
Canada.....	367,802	302,844	15,476	73,586	79,382	1,054.6	335,254	280,644	14,951	63,803	71,937	75,634	984.0
Europe.....	2,626,759	1,367,665	99,754	(D)	32,960	3,787.4	2,423,918	1,201,512	91,467	321,581	48,029	31,888	3,418.9
<i>Of which:</i>													
France.....	161,495	142,034	3,884	5,526	3,198	518.0	140,315	123,850	3,610	36,942	4,906	3,088	479.0
Germany.....	291,077	241,496	9,889	8,100	4,397	675.8	256,495	199,709	8,375	61,862	8,047	4,350	631.9
Netherlands.....	299,780	135,445	17,281	(D)	1,472	194.9	281,275	116,298	15,669	17,897	6,969	1,466	179.2
United Kingdom.....	1,190,163	(D)	(D)	12,658	9,001	1,171.8	1,134,967	340,196	22,602	100,997	12,645	8,951	1,065.2
Latin America and Other Western Hemisphere.....	688,777	299,839	28,816	40,912	37,134	1,827.5	560,556	245,569	26,000	59,361	39,564	35,261	1,444.4
<i>Of which:</i>													
Brazil.....	128,207	70,358	-269	4,070	3,073	411.5	90,625	55,248	880	16,095	3,933	3,002	339.5
Mexico.....	97,540	100,544	5,846	30,279	28,846	933.1	71,350	79,328	4,805	17,146	29,419	27,558	729.2
Africa.....	50,744	31,566	2,839	1,032	1,761	218.6	37,664	23,895	2,242	9,365	945	1,758	114.2
Middle East.....	51,402	29,259	23,278	797	1,260	92.8	18,404	13,618	1,343	5,427	733	882	47.6
Asia and Pacific.....	818,875	547,305	27,630	43,586	41,118	1,889.0	653,207	425,372	24,126	100,212	41,642	35,860	1,450.9
<i>Of which:</i>													
Australia.....	115,825	73,205	3,312	4,485	1,128	309.1	100,368	59,941	3,157	19,305	4,405	1,121	249.4
Japan.....	341,266	200,201	6,256	13,606	7,443	399.4	246,876	125,063	4,848	30,761	12,555	2,447	212.4
International.....	23,823	8,823	1,276	(D)	0	37.3	12,596	4,716	360	1,410	65	0	10.9
By industry													
Mining.....	227,580	79,944	13,161	2,189	7,140	155.5	196,002	71,113	11,395	40,910	1,979	6,606	133.7
Utilities.....	155,644	57,017	3,807	6	(D)	119.0	104,500	35,170	3,218	10,131	4	2	66.5
Manufacturing.....	1,135,726	1,273,075	80,586	150,279	168,073	4,900.4	956,228	1,096,394	54,376	312,419	145,721	156,437	4,244.5
<i>Of which:</i>													
Food.....	69,568	93,404	3,898	2,687	(D)	376.4	63,349	84,924	3,624	19,222	2,598	4,129	334.2
Chemicals.....	259,028	210,141	19,996	17,180	12,865	616.8	226,231	186,383	18,584	58,380	16,159	12,258	552.5
Primary and fabricated metals.....	57,559	46,290	1,897	2,942	3,896	240.1	48,969	39,627	1,754	12,135	2,617	3,615	212.6
Machinery.....	79,844	79,713	3,000	7,071	8,684	391.6	64,928	64,739	2,850	19,123	6,745	7,369	340.6
Computer and electronic products.....	146,176	200,519	8,313	36,728	41,242	781.0	142,038	197,109	8,203	38,651	36,562	41,036	765.7
Electrical equipment, appliances, and components.....	24,229	28,075	1,199	2,658	3,932	294.0	21,161	24,895	1,072	7,441	2,589	3,340	255.5
Transportation equipment.....	183,174	262,090	7,043	67,020	78,108	943.2	151,882	241,451	6,299	48,364	65,352	70,463	839.4
Wholesale trade.....	318,086	599,641	19,989	48,176	16,518	658.1	299,388	543,867	18,682	82,132	47,326	16,366	620.0
Information.....	226,838	135,799	4,575	552	135	581.0	101,836	69,132	1,766	19,413	539	135	270.0
Finance (except depository institutions) and insurance.....	1,648,888	161,134	21,324	8	0	322.3	1,567,608	150,472	20,229	22,439	8	0	295.0
Professional, scientific, and technical services.....	92,049	79,025	4,125	1,749	830	374.5	86,470	72,176	3,882	29,153	1,722	830	343.5
Other industries.....	823,371	201,666	51,501	5,890	(D)	1,796.3	729,566	157,002	46,942	44,561	5,615	907	1,497.6

D Suppressed to avoid disclosure of data of individual companies.

Note: The data in this table are from the 1999 Benchmark Survey of U.S. Direct Investment Abroad; see "Operations of

U.S. Multinational Companies: Preliminary Results From the 1999 Benchmark Survey" in the March 2002 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, 1999-2001
[Millions of dollars]

	Direct investment position on a historical-cost basis			Capital inflows (outflows (-))			Income		
	1999	2000	2001	1999	2000	2001	1999	2000	2001
All countries, all industries.....	955,726	1,214,254	1,321,063	283,376	300,912	124,435	46,385	52,465	15,965
By country									
Canada.....	90,559	114,599	108,600	26,367	26,036	4,627	2,215	1,057	-7,736
Europe.....	639,923	835,137	946,758	223,406	238,740	118,059	36,753	41,511	26,043
<i>Of which:</i>									
France.....	89,945	131,484	147,207	29,834	49,436	14,676	2,954	3,930	7,663
Germany.....	112,126	124,839	152,760	23,478	14,290	28,015	6,123	2,390	-6,273
Luxembourg.....	35,644	53,794	40,232	6,887	25,230	-13,801	2,241	4,672	3,172
Netherlands.....	125,010	146,493	158,020	41,689	32,599	15,171	7,299	8,990	4,368
Switzerland.....	52,973	69,240	125,521	2,503	16,697	51,959	2,844	4,113	1,816
United Kingdom.....	153,797	213,820	217,746	108,566	75,654	14,226	11,899	14,046	11,823
Latin America and Other Western Hemisphere.....	40,771	54,463	58,881	16,929	12,253	954	2,397	2,407	-1,399
<i>Of which:</i>									
Bermuda.....	14,798	18,502	15,748	10,338	2,523	-3,223	41	-457	-1,602
Mexico.....	1,999	7,832	7,418	1,273	5,266	-84	175	-68	-1,070
Panama.....	5,275	3,726	4,199	-226	-1,477	449	752	647	480
United Kingdom Islands, Caribbean.....	11,573	15,353	18,244	4,137	3,865	3,966	1,527	1,829	118
Africa.....	1,361	2,756	3,264	423	652	407	-66	6	-193
Middle East.....	4,362	6,189	6,039	376	2,142	-159	156	259	311
Asia and Pacific.....	178,749	201,110	197,522	15,876	21,088	547	4,931	7,225	-1,060
<i>Of which:</i>									
Australia.....	15,616	20,701	23,488	4,193	5,963	3,649	643	1,074	-918
Japan.....	153,815	163,577	158,988	11,555	7,773	-1,550	4,006	5,825	169
By industry									
Petroleum.....	51,231	87,055	95,922	4,778	44,869	10,308	4,510	11,435	8,971
Manufacturing.....	385,253	479,851	508,535	69,851	100,693	29,246	24,674	23,860	3,177
Food and kindred products.....	18,864	23,975	23,847	-1,460	5,293	-233	1,570	1,792	1,051
Chemicals and allied products.....	97,009	122,446	127,139	7,562	26,196	3,062	6,317	5,906	4,472
Primary and fabricated metals.....	19,778	24,741	25,683	1,839	9,057	-965	1,083	1,320	802
Machinery.....	92,038	151,237	166,198	39,483	40,040	14,695	2,181	6,847	-6,444
Other manufacturing.....	157,564	157,453	165,668	22,428	20,107	12,687	13,524	7,996	3,297
Wholesale trade.....	100,251	110,286	112,997	16,195	11,320	1,855	5,813	7,016	5,549
Retail trade.....	24,199	29,666	35,811	4,156	5,243	7,245	1,641	1,677	816
Depository institutions.....	61,756	68,128	78,094	19,326	9,672	8,427	2,994	3,948	3,370
Finance, except depository institutions.....	65,453	84,383	85,990	17,964	19,957	6,414	816	399	-5,921
Insurance.....	83,760	112,482	120,400	23,026	34,562	8,496	2,963	4,767	3,183
Real estate.....	40,209	42,682	44,163	2,492	998	1,873	1,075	2,291	1,095
Services.....	64,335	109,504	125,660	21,675	60,539	14,718	1,873	-920	-1,853
Other industries.....	79,281	90,219	113,491	103,913	13,058	35,853	25	-2,008	-2,422

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, 2001" in the September 2002 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, 2000

	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	4,847,267	2,334,692	30,641	522,238	6,429.2	165,321	366,647	4,180,503	2,053,022	22,086	449,396	5,562.6	151,521	348,741	
By country															
Canada.....	434,177	168,457	-3,670	40,514	643.0	9,019	19,509	416,420	159,257	-3,792	36,272	555.2	8,859	19,365	
Europe.....	3,274,267	1,420,093	27,465	349,863	4,361.9	89,063	145,037	3,020,496	1,247,041	22,226	301,085	3,815.7	81,543	139,222	
Of which:															
France.....	469,643	193,135	2,516	57,762	648.8	15,194	16,294	390,343	144,432	2,765	38,854	401.0	(D)	(D)	
Germany.....	572,565	320,249	3,186	57,995	729.8	32,770	53,080	558,092	308,197	2,730	54,033	691.4	32,167	52,740	
Netherlands.....	582,054	254,092	4,965	46,620	561.4	7,498	21,895	560,755	(D)	(D)	42,641	546.9	7,214	21,827	
Sweden.....	66,738	42,435	-214	11,096	234.2	4,003	(D)	66,068	41,520	-186	10,724	225.5	3,982	4,696	
Switzerland.....	695,092	132,392	2,513	39,924	554.0	6,004	8,540	671,046	120,011	2,154	34,015	459.0	5,917	8,373	
United Kingdom.....	734,634	363,251	14,877	111,871	1,189.9	16,970	25,105	637,335	331,175	12,270	100,143	1,102.8	16,303	24,701	
Latin America and Other Western Hemisphere.....	146,009	105,033	-599	26,597	275.8	9,272	20,978	136,603	95,183	-813	25,073	262.1	8,998	17,488	
Of which:															
Bermuda.....	60,491	35,792	-762	11,872	135.7	(D)	1,597	58,264	35,179	-715	11,796	132.2	(D)	1,592	
Mexico.....	19,507	16,278	46	2,952	57.2	(D)	3,291	18,080	14,977	110	2,759	53.8	(D)	(D)	
Panama.....	1,679	1,238	18	524	6.8	126	109	1,563	1,170	6	498	6.7	126	109	
United Kingdom Islands, Caribbean, Venezuela.....	39,199	9,576	-360	1,673	34.1	(D)	1,947	38,679	9,298	-348	1,584	32.3	(D)	1,947	
Africa.....	11,758	6,449	181	1,322	14.2	474	269	(D)	(D)	(D)	1,283	14.0	(D)	266	
Middle East.....	29,912	16,011	568	3,150	50.9	802	1,846	27,434	14,301	489	2,434	38.1	789	1,758	
Asia and Pacific.....	705,084	576,943	1,072	89,282	1,019.5	54,686	177,721	557,549	513,157	3,868	77,928	848.2	48,943	169,450	
Of which:															
Australia.....	69,095	31,948	-643	9,319	83.3	1,428	1,438	60,519	25,605	-741	7,909	69.6	(D)	(D)	
Japan.....	558,934	477,831	4,316	72,041	826.8	44,130	151,368	445,551	429,732	5,015	62,241	699.9	40,894	147,125	
United States.....	246,060	41,707	5,625	11,510	63.9	2,004	1,287	(D)	(D)	(D)	5,320	29.4	(D)	1,192	
By industry¹															
Manufacturing.....	1,108,046	979,597	11,796	237,032	2,658.3	101,248	149,875	1,000,442	852,164	10,985	217,358	2,441.9	91,048	134,932	
Of which:															
Food.....	45,143	47,388	302	11,018	147.6	2,467	4,398	44,099	45,567	296	10,631	140.8	2,374	4,377	
Chemicals.....	257,094	160,496	3,887	44,832	386.8	15,528	16,388	238,314	145,362	3,195	40,821	356.7	14,295	16,099	
Primary and fabricated metals.....	65,699	66,282	1,244	17,282	219.2	4,930	7,719	57,252	57,196	669	15,069	204.9	4,125	6,830	
Machinery.....	66,528	54,207	-865	15,506	230.6	6,735	7,849	64,744	52,612	-36	15,323	223.6	6,545	7,375	
Computers and electronic products.....	173,303	129,225	-4,847	28,705	337.4	19,329	37,731	137,673	117,587	-3,755	27,229	305.3	14,645	30,463	
Electrical equipment, appliances, and components.....	66,099	60,221	280	19,878	284.4	8,717	4,284	65,680	59,765	254	19,737	282.7	8,583	4,231	
Transportation equipment.....	199,695	205,220	3,890	35,016	390.8	30,731	46,806	192,444	193,099	3,519	32,278	358.3	29,213	(D)	
Wholesale trade.....	407,715	637,978	14,530	86,444	574.4	57,844	207,041	398,811	616,015	13,683	82,849	543.7	54,431	204,816	
Retail trade.....	74,259	114,977	-279	24,676	674.4	1,535	(D)	60,826	102,648	163	22,346	603.5	(D)	(D)	
Information.....	318,489	121,684	-4,387	41,878	408.9	709	240	169,464	69,125	-4,050	19,959	242.8	687	161	
Of which:															
Publishing industries.....	71,021	35,582	98	13,764	139.2	(D)	127	(D)	30,415	-385	10,695	122.8	(D)	(D)	
Broadcasting and telecommunications.....	165,541	59,205	-3,848	21,895	178.4	5	(D)	38,335	13,517	-3,692	2,837	35.1	(*)	1	
Finance (except depository institutions) and insurance.....	2,472,481	243,337	10,543	41,433	291.8	(*)	5	2,162,327	211,823	3,396	33,260	252.0	(*)	5	
Real estate and rental and leasing.....	122,797	25,691	1,331	10,936	49.5	(D)	649	110,543	22,589	1,069	9,418	38.7	(D)	649	
Professional, scientific, and technical services.....	51,405	32,241	-1,135	9,672	148.9	366	336	46,919	29,665	-634	9,038	133.4	356	336	
Other industries.....	292,075	179,186	-1,759	70,167	1,623.1	(D)	(D)	231,172	148,994	-2,527	55,169	1,306.7	3,242	(D)	

D Suppressed to avoid disclosure of data of individual companies.

* Less than \$500,000.

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 2000," in the August 2002 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; B—500 to 999; C—1,000 to 2,499; D—2,500 to 4,999; E—5,000 to 9,999; F—10,000 to 24,999; G—25,000 to 49,999; H—50,000 to 99,999; I—100,000 or more.

H. International Perspectives

The quarterly data in this table are shown in the middle month of the quarter.

Table H.1. International Perspectives

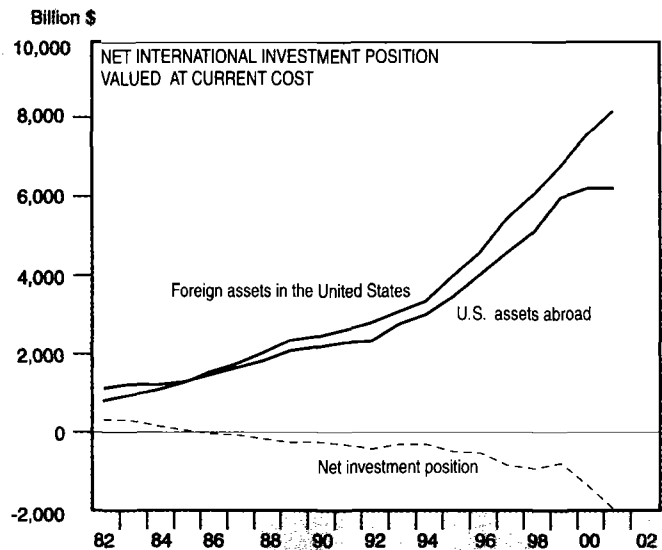
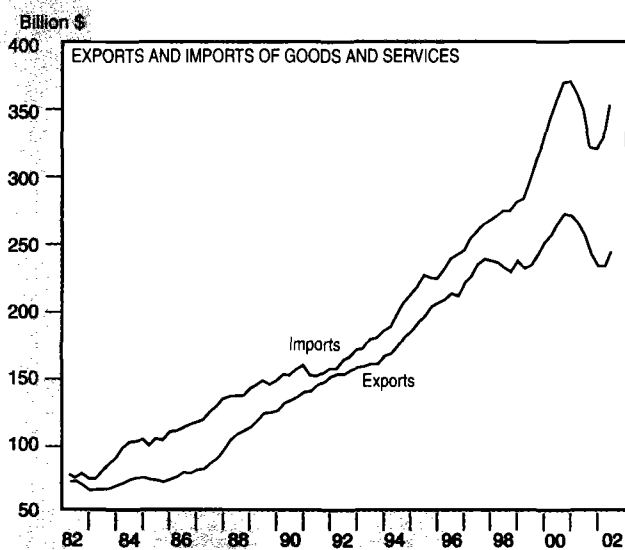
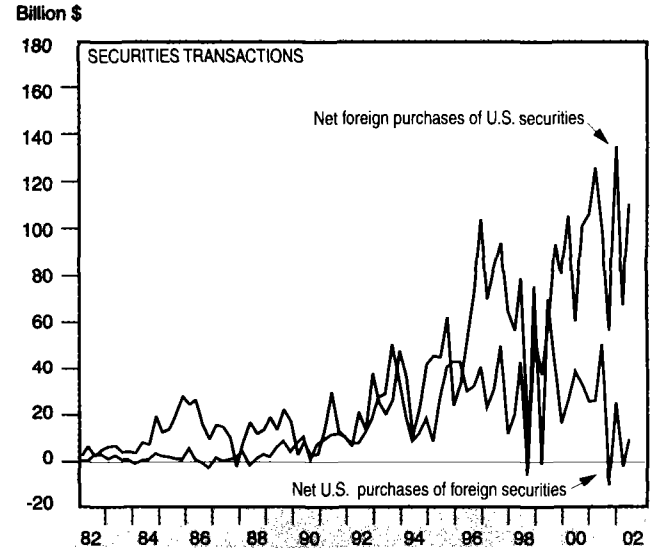
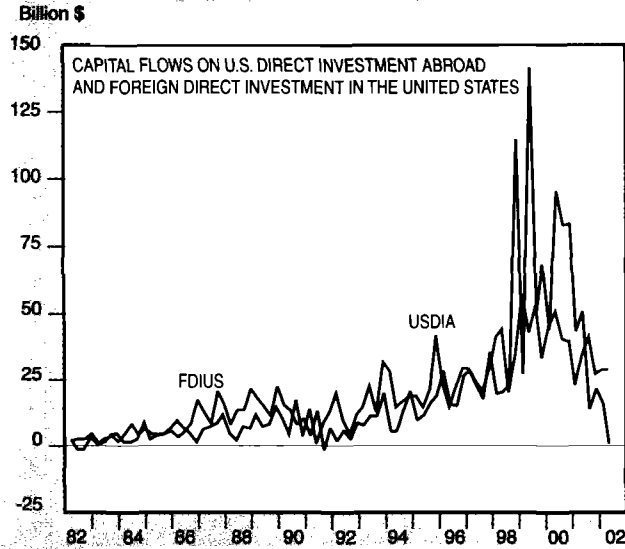
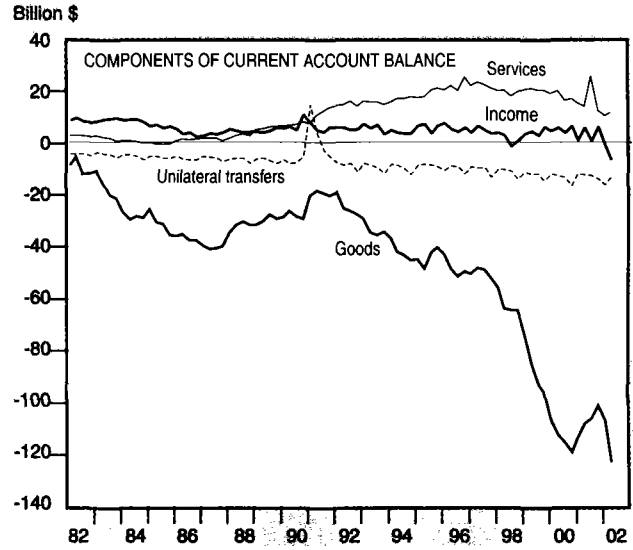
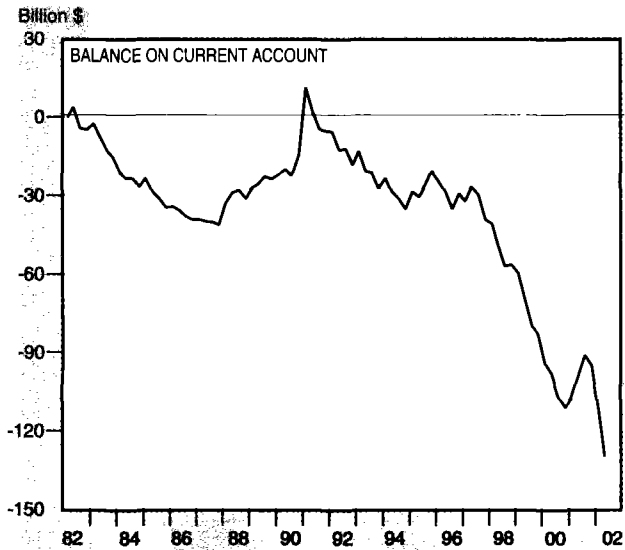
	2000	2001	2001								2002					
			June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July
Exchange rates per U.S. dollar (not seasonally adjusted) ¹																
Canada (Can.\$/US\$).....	1.4855	1.5490	1.5245	1.5308	1.5399	1.5679	1.5717	1.5922	1.5788	1.5997	1.5964	1.5877	1.5815	1.5502	1.5318	1.5456
Euro area (US\$/Euro) ²	0.9234	0.8955	0.8530	0.8615	0.9014	0.9114	0.9050	0.8883	0.8912	0.8832	0.8707	0.8766	0.8860	0.9170	0.9561	0.9935
Japan (Y/US\$).....	1.0782	1.2152	1.2235	1.2450	1.2137	1.1861	1.2145	1.2241	1.2759	1.3268	1.3364	1.3106	1.3077	1.2638	1.2329	1.1790
Mexico (Peso/US\$).....	9.4590	9.3408	9.0880	9.1680	9.1330	9.4250	9.3390	9.2250	9.1570	9.164	9.1050	9.0640	9.1650	9.5100	9.7670	9.7790
United Kingdom (US\$/£).....	1.5159	1.4401	1.4020	1.4148	1.4372	1.4638	1.4501	1.4356	1.4413	1.4322	1.4227	1.4230	1.4429	1.4598	1.4837	1.5565
Addendum: Exchange value of the U.S. dollar ³	119.67	126.09	127.12	127.65	125.62	125.97	126.86	127.33	127.52	129.26	130.03	129.27	128.95	127.35	125.96	124.20
Unemployment rates (percent, monthly data seasonally adjusted)																
Canada.....	6.8	7.2	7.1	7.1	7.3	7.2	7.4	7.6	8.0	7.9	7.9	7.7	7.6	7.7	7.5	7.6
France.....	9.5	8.8	8.6	8.7	8.7	8.7	8.7	8.8	8.8	8.8	8.8	8.9	8.9	8.9	9.0	9.0
Germany.....	9.6	9.4	9.3	9.3	9.3	9.4	9.5	9.5	9.5	9.6	9.6	9.6	9.6	9.7	9.8	9.8
Italy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Japan.....	4.7	5.0	4.9	5.0	5.0	5.3	5.3	5.4	5.5	5.3	5.3	5.2	5.2	5.4	5.4	5.4
Mexico.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
United Kingdom.....	3.6	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.2	3.2	3.2	3.1
Addendum: United States.....	4.0	4.8	4.6	4.6	4.9	5.0	5.4	5.6	5.8	5.6	5.5	5.7	6.0	5.8	5.9	5.9
Consumer prices (monthly data seasonally adjusted, 1995=100)																
Canada.....	109.0	111.7	112.8	112.4	112.4	112.7	112.1	111.1	111.2	111.5	112.2	113.0	113.6	113.8	114.2	114.8
France.....	106.3	108.1	108.6	108.4	108.4	108.6	108.7	108.4	108.5	109.0	109.1	109.6	110.1	110.2	110.2	110.2
Germany.....	107.0	109.6	110.2	110.2	110.0	110.0	109.7	109.5	109.6	110.6	110.9	111.1	111.2	111.2	111.1	111.3
Italy.....	112.8	115.9	116.2	116.3	116.3	116.3	116.5	116.7	116.8	117.3	117.7	118.0	118.3	118.6	118.7	118.9
Japan.....	101.5	100.8	100.8	100.5	100.9	100.7	100.7	100.2	100.1	99.9	99.4	99.6	99.9	100.2	100.1	99.7
Mexico.....	239.9	255.2	254.6	253.9	255.4	257.8	259.0	260.0	260.3	262.7	262.6	263.9	265.3	265.9	267.2	267.9
United Kingdom.....	114.2	116.3	117.0	116.3	116.7	117.1	116.9	116.5	116.3	116.3	116.6	117.1	117.9	118.2	118.2	118.0
Addendum: United States.....	113.0	116.2	116.7	116.4	116.4	116.9	116.6	116.5	116.4	116.6	116.8	117.2	117.8	117.8	117.9	118.1
Real gross domestic product (percent change from preceding quarter, quarterly data seasonally adjusted at annual rates)																
Canada.....	4.5	1.5	.....	.....	-0.5	.....	.....	2.9	.....	.....	6.2	.....	.....	4.3	.....	.....
France.....	3.8	1.8	.....	.....	1.9	.....	.....	-2.0	.....	.....	2.1	.....	.....	2.0	.....	.....
Germany.....	3.1	0.7	.....	.....	-0.8	.....	.....	-1.2	.....	.....	1.1	.....	.....	1.1	.....	.....
Italy.....	2.9	1.8	.....	.....	0.3	.....	.....	-0.9	.....	.....	0.5	.....	.....	0.9	.....	.....
Japan.....	2.4	-0.1	.....	.....	-2.6	.....	.....	-2.8	.....	.....	0.0	.....	.....	2.6	.....	.....
United Kingdom.....	3.1	1.9	.....	.....	1.4	.....	.....	0.4	.....	.....	0.6	.....	.....	2.3	.....	.....
Addendum: United States.....	3.8	0.3	.....	.....	-0.3	.....	.....	2.7	.....	.....	5.0	.....	.....	1.3	.....	.....
Short-term, 3-month, interest rates (percent, not seasonally adjusted)																
Canada.....	5.78	3.98	4.41	4.31	4.06	3.49	2.84	2.24	2.10	2.01	2.11	2.22	2.39	2.59	2.76	2.85
Euro area.....	4.39	4.26	4.45	4.47	4.35	3.98	3.60	3.39	3.34	3.34	3.36	3.39	3.41	3.47	3.46	3.41
Mexico.....	16.15	12.24	10.27	10.25	8.54	10.88	9.68	8.69	7.53	7.35	8.17	7.31	6.16	6.69	7.49	7.88
United Kingdom.....	6.11	4.97	5.19	5.19	4.93	4.65	4.36	3.93	3.99	3.98	3.98	4.06	4.11	4.08	4.11	3.99
Addendum: United States.....	5.82	3.40	3.49	3.51	3.36	2.64	2.16	1.87	1.69	1.65	1.73	1.79	1.72	1.73	1.70	1.68
Long-term interest rates, government bond yields (percent, not seasonally adjusted)																
Canada.....	5.92	5.79	5.97	6.05	5.85	5.80	5.66	5.55	5.72	5.69	5.69	5.93	5.93	5.87	.....	.....
Euro area.....	5.44	5.03	5.21	5.25	5.06	5.04	4.82	4.67	4.96	5.02	5.07	5.32	5.30	5.30	5.16	5.03
France.....	5.89	5.38	5.57	5.46	5.29	5.26	5.04	5.07	5.35	5.39	5.42	5.57	5.56	5.59	5.45	5.48
Germany.....	5.3	4.8	5.0	5.0	4.8	4.8	4.6	4.5	4.7	4.9	4.9	5.2	5.2	5.2	5.0	4.9
Italy.....	5.58	5.19	5.39	5.40	5.22	5.20	4.96	4.80	5.05	5.14	5.20	5.41	5.40	5.41	5.26	5.11
Japan.....	1.74	1.32	1.15	1.31	1.34	1.35	1.36	1.33	1.33	1.42	1.50	1.42	1.39	1.37	1.33	1.30
United Kingdom.....	5.31	4.94	5.20	5.19	4.97	4.98	4.83	4.63	4.90	4.94	4.97	5.25	5.26	5.29	5.12	5.01
Addendum: United States.....	6.03	5.02	5.28	5.24	4.97	4.73	4.57	4.65	5.09	5.04	4.91	5.28	5.21	5.16	4.93	4.65
Share price indices (not seasonally adjusted, 1995=100)																
Canada.....	216.7	174.4	174.5	173.4	166.9	154.2	155.3	167.5	173.4	172.5	172.3	177.1	172.8	172.7	161.2	149.0
France.....	321.7	260.1	273.8	259.4	255.0	214.1	220.4	234.5	236.5	237.3	229.7	243.9	241.6	234.5	212.8	188.9
Germany.....	260.3	196.4	208.9	201.3	190.1	157.3	163.8	175.5	178.9	182.8	176.2	187.5	184.1	176.0	159.8	145.2
Italy.....	319.0	258.8	268.0	259.3	256.0	210.0	216.6	225.7	228.7	229.5	223.0	238.3	239.7	229.4	209.1	192.8
Japan.....	97.7	69.3	75.0	68.6	61.9	56.5	59.9	61.8	60.9	57.8	61.2	63.7	66.4	68.0	61.4	57.1
Mexico.....	293.6	275.7	300.4	291.7	284.4	243.5	249.5	262.8	287.1	312.2	303.4	340.7	337.1	316.8	291.1	271.3
United Kingdom.....	178.5	147.9	153.7	145.5	143.2	130.0	132.8	137.8	136.9	136.6	135.1	139.5	137.6	135.2	124.9	111.9
Addendum: United States.....	221.4	207.8	216.7	210.7	207.6	187.0	191.0	197.6	200.2	199.8	195.6	206.3	201.8	197.8	187.0	167.0

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 estimates of State personal income and the estimates of gross state product are available on CD-ROM. For information on State personal income, e-mail reis.remd@bea.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.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	1998			1999				2000				2001				2002	Percent change ¹
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	
United States	7,375,326	7,483,312	7,568,387	7,623,078	7,711,178	7,810,788	7,932,425	8,108,032	8,279,741	8,377,883	8,490,472	8,559,568	8,589,832	8,608,704	8,587,003	8,785,154	1.4
New England	434,656	441,848	447,023	448,405	456,027	465,090	471,565	486,365	496,107	502,736	510,649	516,427	516,911	514,211	511,808	518,523	1.3
Connecticut.....	123,939	125,883	127,594	127,287	129,144	131,457	132,813	135,419	138,264	139,672	141,829	143,636	143,448	142,802	141,435	143,251	1.3
Maine.....	29,301	29,777	30,138	29,947	30,530	31,379	31,116	31,741	32,393	32,514	32,989	33,750	33,813	33,938	34,136	34,744	1.8
Massachusetts.....	204,472	207,654	209,727	211,591	215,589	219,956	224,296	233,132	237,800	242,157	245,664	247,883	248,298	245,942	244,976	247,960	1.2
New Hampshire.....	34,830	35,736	36,297	36,116	36,786	37,541	38,275	40,133	40,800	41,262	42,308	42,621	42,703	42,500	42,541	43,146	1.4
Rhode Island.....	27,466	27,914	28,256	28,390	28,640	29,170	29,362	29,989	30,432	30,789	31,093	31,539	31,504	31,504	31,511	31,998	1.5
Vermont.....	14,648	14,884	15,011	15,074	15,337	15,587	15,733	15,952	16,417	16,342	16,767	16,998	17,144	17,193	17,210	17,425	1.3
Midwest	1,397,168	1,412,373	1,421,284	1,437,559	1,447,818	1,466,904	1,478,097	1,514,946	1,553,253	1,584,559	1,600,680	1,608,437	1,612,577	1,612,160	1,610,812	1,628,416	1.1
Delaware.....	21,865	22,002	22,222	22,338	22,349	22,759	23,095	23,652	24,150	24,587	25,142	25,028	25,334	25,307	25,550	25,714	0.6
District of Columbia.....	20,149	20,526	20,574	20,353	20,515	20,750	21,058	21,636	22,022	22,543	22,816	22,873	23,168	23,199	23,346	23,710	1.6
Maryland.....	157,716	160,027	161,900	163,091	165,000	167,632	169,309	173,431	176,250	178,902	182,690	185,207	186,883	188,296	189,023	191,299	1.2
New Jersey.....	277,385	281,639	283,122	286,098	287,149	289,307	295,150	303,167	312,279	314,017	322,007	320,585	321,763	322,904	326,314	328,314	0.7
New York.....	590,674	595,243	596,684	608,377	611,173	621,310	620,351	639,264	657,640	660,274	677,704	681,656	681,145	675,789	675,065	683,426	1.2
Pennsylvania.....	329,377	332,736	336,723	337,292	341,632	345,145	349,134	353,796	360,911	364,536	370,322	373,279	374,484	376,265	373,900	377,953	1.1
Great Lakes	1,200,817	1,214,013	1,228,958	1,231,744	1,244,353	1,257,102	1,273,187	1,294,086	1,315,717	1,327,963	1,337,536	1,344,280	1,344,995	1,354,577	1,343,123	1,357,668	1.1
Illinois.....	360,415	365,576	368,550	368,855	373,046	375,403	380,646	386,724	394,274	399,526	404,097	406,720	405,798	408,861	404,475	407,971	0.9
Indiana.....	148,496	150,399	152,112	152,507	153,680	155,427	157,991	160,772	164,089	165,806	165,414	167,169	167,179	168,441	167,220	169,136	1.1
Michigan.....	263,523	264,078	269,260	271,098	274,080	277,501	280,000	286,066	288,651	291,193	292,567	292,397	292,991	295,017	291,951	294,834	1.0
Ohio.....	291,215	294,817	298,672	298,768	301,352	304,503	308,389	313,234	317,053	319,695	321,291	322,859	323,740	326,046	323,841	327,888	1.2
Wisconsin.....	136,967	139,143	140,365	142,195	144,268	146,162	147,290	150,650	151,743	154,166	155,134	155,287	155,287	156,212	156,636	157,939	1.4
Plains	491,051	497,933	503,371	502,294	507,367	514,681	524,140	529,256	543,298	549,207	553,255	557,589	558,937	563,961	560,791	568,291	1.4
Iowa.....	70,756	71,937	72,789	71,581	71,731	73,479	74,528	75,530	77,493	78,349	79,016	79,016	79,192	79,853	79,317	80,111	1.0
Kansas.....	67,602	68,482	69,095	68,735	69,171	70,248	72,052	71,467	73,542	74,961	74,771	76,279	76,156	77,138	75,970	77,493	2.0
Minnesota.....	139,343	141,075	143,235	143,459	145,690	147,497	150,216	152,403	156,907	158,936	161,660	162,099	162,359	163,052	162,396	164,664	1.3
Missouri.....	138,370	140,245	141,130	141,994	143,066	144,234	146,417	148,657	152,356	153,617	155,160	156,260	156,850	158,159	158,153	160,075	1.2
Nebraska.....	43,044	43,858	44,128	44,354	44,929	45,636	46,851	46,554	47,285	47,825	47,611	48,403	48,573	49,274	48,841	49,412	1.2
North Dakota.....	14,595	14,808	15,026	14,404	14,626	14,976	15,185	15,427	16,053	15,979	15,885	15,918	16,025	16,397	16,211	16,700	3.0
South Dakota.....	17,340	17,547	17,969	17,766	18,154	18,610	18,891	19,218	19,663	19,739	19,826	19,614	19,783	20,088	19,831	20,036	1.0
Southeast	1,629,875	1,655,282	1,672,523	1,684,223	1,700,511	1,716,028	1,740,693	1,777,247	1,814,130	1,832,468	1,857,465	1,877,682	1,890,558	1,900,251	1,900,127	1,930,336	1.6
Alabama.....	95,904	97,114	98,104	98,805	100,047	101,153	102,138	102,769	104,698	104,888	106,459	107,946	108,680	109,397	109,053	110,420	1.3
Arkansas.....	53,540	54,106	54,693	55,214	55,969	55,546	57,163	57,895	58,755	59,740	59,225	60,950	61,246	61,858	61,841	62,953	1.8
Florida.....	403,685	409,057	411,861	413,945	417,579	420,886	423,974	434,592	443,228	448,458	456,681	460,314	465,031	468,843	470,332	476,508	1.3
Georgia.....	197,992	202,621	205,842	208,794	211,511	214,258	218,264	223,369	227,841	230,059	233,685	235,621	237,367	238,452	238,666	242,502	1.6
Kentucky.....	87,829	88,993	89,511	89,600	90,422	91,664	92,965	95,405	96,895	98,318	99,310	100,154	100,335	102,320	101,417	102,914	1.5
Louisiana.....	97,246	98,137	98,633	98,101	99,082	99,508	100,758	101,738	103,353	103,634	104,127	106,052	106,936	107,768	108,350	109,246	0.8
Mississippi.....	54,681	55,540	56,056	56,900	56,379	57,356	57,875	58,413	59,603	59,913	60,252	61,409	61,533	61,865	62,013	63,416	2.3
North Carolina.....	191,204	194,497	196,993	198,509	200,724	199,839	205,359	212,249	216,751	218,853	221,684	224,183	224,301	223,371	222,680	227,066	2.1
South Carolina.....	85,834	87,748	88,942	89,093	90,455	91,806	92,821	94,154	96,557	97,276	98,258	99,413	99,102	100,204	99,454	101,268	1.8
Tennessee.....	133,861	135,340	136,750	136,749	138,658	140,345	141,863	144,775	147,353	149,108	150,539	152,090	152,584	153,656	152,425	155,629	2.1
Virginia.....	191,524	195,117	198,038	202,458	202,436	205,894	209,592	214,477	219,857	222,814	227,163	229,071	232,683	231,481	232,785	236,386	1.5
West Virginia.....	36,576	37,011	37,102	37,055	37,249	37,673	38,020	38,410	39,240	39,408	40,072	40,479	40,760	41,095	41,342	42,026	1.7
Southwest	730,712	743,768	752,962	756,217	768,677	777,775	792,127	810,981	828,286	837,842	850,857	865,495	868,518	870,761	869,928	884,311	1.7
Arizona.....	111,710	114,206	116,148	115,978	118,759	120,560	122,058	126,941	127,779	129,782	131,772	133,027	134,380	136,189	134,760	136,581	1.4
New Mexico.....	36,627	37,003	37,430	37,181	37,717	38,051	38,560	38,866	39,936	40,160	40,809	41,555	42,053	42,773	42,960	43,858	2.1
Oklahoma.....	74,415	75,165	75,584	76,071	77,016	77,638	78,690	79,441	81,287	82,291	83,653	84,839	85,427	86,082	85,928	87,830	2.2
Texas.....	507,960	517,394	523,800	526,987	535,185	541,526	552,819	565,732	579,284	585,608	594,623	606,075	606,658	605,717	606,281	616,042	1.6
Rocky Mountain	221,310	225,131	228,817	231,099	235,282	238,873	244,369	248,611	256,476	260,524	264,158	265,989	267,298	267,9			

Table J.2. Annual Personal Income and Per Capita Personal Income for States and Regions

Area name	Personal income						Percent change ²	Per capita personal income ¹						Rank in U.S.
	Millions of dollars							Dollars						
	1996	1997	1998	1999	2000	2001		1996	1997	1998	1999	2000	2001	
United States	6,538,103	6,928,545	7,418,497	7,779,511	8,398,796	8,678,255	3.3	24,270	25,412	26,893	27,880	29,770	30,472	.....
New England	384,144	408,231	437,134	459,770	504,311	520,440	3.2	28,340	29,924	31,829	33,226	36,167	37,115	.....
Connecticut.....	109,354	116,421	124,880	130,762	141,151	145,341	3.0	32,773	34,759	37,108	38,614	41,392	42,435	1
Maine.....	26,434	27,773	29,469	30,640	32,793	34,384	4.9	21,163	22,134	23,404	24,187	25,681	26,723	35
Massachusetts.....	180,237	191,596	205,176	216,822	241,318	248,202	2.9	29,166	30,773	32,714	34,322	37,960	38,907	2
New Hampshire.....	30,228	32,397	35,198	37,253	41,630	42,986	3.3	25,733	27,238	29,187	30,485	33,576	34,138	6
Rhode Island.....	24,818	26,293	27,673	28,749	30,728	31,995	4.1	24,310	25,643	26,837	27,632	29,258	30,215	16
Vermont.....	13,073	13,752	14,738	15,544	16,691	17,531	5.0	22,019	23,026	24,547	25,705	27,376	28,594	26
Midwest	1,255,345	1,315,810	1,400,562	1,457,663	1,574,504	1,626,912	3.3	27,661	28,868	30,565	31,616	33,956	34,968	.....
Delaware.....	19,369	20,145	21,879	22,749	24,767	25,853	4.4	26,140	26,807	28,662	29,354	31,500	32,472	11
District of Columbia.....	18,517	19,135	20,255	20,501	22,158	22,959	3.6	32,352	33,704	35,836	35,953	38,801	40,150	.....
Maryland.....	140,809	148,826	158,501	167,246	180,353	189,142	4.9	27,545	28,857	30,455	31,829	33,959	35,188	5
New Jersey.....	246,659	260,705	278,788	288,812	317,346	326,723	3.0	30,266	31,720	33,640	34,549	37,649	38,509	3
New York.....	530,990	553,543	590,406	615,903	664,927	684,774	3.0	28,566	29,670	31,478	32,617	35,016	36,019	4
Pennsylvania.....	299,001	313,457	330,733	342,452	364,953	377,461	3.4	24,467	25,635	27,008	27,924	29,713	30,720	15
Great Lakes	1,079,799	1,138,557	1,206,886	1,253,408	1,333,919	1,366,555	2.4	24,408	25,589	26,983	27,873	29,505	30,103	.....
Illinois.....	322,790	340,594	362,081	373,578	401,030	412,200	2.8	26,672	27,950	29,505	30,227	32,248	33,023	9
Indiana.....	132,890	139,459	149,318	154,919	165,815	169,885	2.5	22,501	23,418	24,891	25,628	27,228	27,783	31
Michigan.....	238,095	250,216	264,520	276,541	293,744	297,609	1.3	24,398	25,509	26,860	27,942	29,516	29,788	18
Ohio.....	264,162	279,367	293,208	304,515	320,377	327,745	2.3	23,496	24,772	25,921	26,864	28,202	28,816	24
Wisconsin.....	121,864	128,920	137,759	143,855	152,953	158,116	3.4	23,301	24,481	26,004	26,976	28,471	29,270	20
Plains	439,948	462,173	493,714	512,109	547,631	566,457	3.4	23,520	24,517	26,001	26,769	28,429	29,313	.....
Iowa.....	64,686	67,938	71,280	72,912	77,790	79,893	2.7	22,464	23,499	24,555	24,990	26,572	27,331	33
Kansas.....	60,074	63,728	67,896	69,960	74,124	76,973	3.8	22,977	24,182	25,519	26,121	27,537	28,565	28
Minnesota.....	122,080	129,020	140,031	146,891	158,817	164,589	3.6	25,904	27,086	28,092	30,141	32,207	33,101	8
Missouri.....	123,992	131,144	138,997	143,858	153,830	158,906	3.3	22,828	23,926	25,171	25,865	27,452	28,226	29
Nebraska.....	39,618	40,724	43,313	45,274	47,534	49,489	4.1	23,670	24,148	25,541	26,558	27,756	28,886	23
North Dakota.....	13,607	13,392	14,709	14,846	16,027	16,434	2.5	20,921	20,520	22,716	23,043	25,007	25,902	37
South Dakota.....	15,883	16,268	17,497	18,368	19,509	20,174	3.4	21,399	21,885	23,453	24,477	25,823	26,664	36
Southeast	1,445,912	1,532,165	1,639,428	1,719,649	1,841,660	1,915,549	4.0	22,038	22,986	24,242	25,079	26,501	27,246	.....
Alabama.....	87,221	91,284	96,481	100,532	105,796	109,773	3.8	20,138	20,899	21,904	22,693	23,766	24,589	43
Arkansas.....	48,700	51,055	53,784	56,004	59,205	61,613	4.1	18,934	19,628	20,479	21,119	22,108	22,887	48
Florida.....	355,136	377,673	405,146	424,726	454,106	474,626	4.5	23,909	24,869	26,161	26,951	28,286	28,947	22
Georgia.....	172,935	183,757	200,104	213,792	232,179	240,896	3.8	23,055	23,911	25,447	26,571	28,212	28,733	25
Kentucky.....	78,221	82,927	88,148	91,093	98,125	101,326	3.3	19,957	20,979	22,118	22,671	24,244	24,923	40
Louisiana.....	87,879	92,286	97,458	99,047	103,824	109,560	5.5	19,978	20,874	21,948	22,204	23,227	24,535	44
Mississippi.....	48,898	51,598	55,072	56,920	59,881	62,163	3.8	17,793	18,580	19,635	20,124	21,017	21,750	50
North Carolina.....	167,638	179,691	192,577	202,744	218,537	225,234	3.1	22,350	23,468	24,661	25,504	27,055	27,514	32
South Carolina.....	76,287	81,045	86,672	91,249	97,659	101,110	3.5	20,096	20,998	22,115	22,958	24,273	24,886	41
Tennessee.....	119,287	125,457	134,241	141,117	150,344	154,911	3.0	22,022	22,814	24,101	25,026	26,367	26,988	34
Virginia.....	169,938	180,190	193,007	204,937	222,498	233,107	4.8	25,173	26,385	27,968	29,276	31,320	32,431	12
West Virginia.....	33,771	35,202	36,738	37,488	39,506	41,230	4.4	18,527	19,351	20,234	20,691	21,861	22,881	49
Southwest	624,034	677,462	736,392	774,892	841,016	875,906	4.1	21,504	22,868	24,352	25,137	26,796	27,439	.....
Arizona.....	95,787	103,702	112,895	120,257	130,982	137,314	4.8	20,883	21,892	23,118	23,937	25,358	25,872	38
New Mexico.....	33,232	34,860	36,857	37,772	39,772	42,354	6.5	18,964	19,641	20,551	20,891	21,837	23,155	47
Oklahoma.....	66,289	69,951	74,677	77,474	83,035	86,750	4.5	19,846	20,739	21,930	22,540	24,046	25,071	39
Texas.....	428,726	468,950	511,964	539,390	587,228	609,489	3.8	22,167	23,756	25,398	26,237	28,035	28,581	27
Rocky Mountain	192,141	206,847	223,322	238,279	261,082	271,486	4.0	22,432	23,651	25,041	26,200	28,190	28,859	.....
Colorado.....	100,012	108,765	118,413	128,192	142,752	147,860	3.6	25,514	27,067	28,764	30,334	33,018	33,470	7
Idaho.....	24,173	25,226	27,066	28,931	31,314	32,525	3.9	20,093	20,534	21,612	22,679	24,101	24,621	42
Montana.....	16,992	17,726	18,942	19,380	20,678	21,673	4.8	19,173	19,920	21,225	21,593	22,895	23,963	46
Utah.....	40,354	43,696	46,772	48,923	52,622	54,884	4.3	19,514	20,613	21,594	22,202	23,476	24,180	45
Wyoming.....	10,609	11,433	12,129	12,855	13,717	14,544	6.0	21,732	23,360	24,714	26,139	27,767	29,416	19
Far West	1,116,779	1,187,299	1,281,057	1,363,741	1,494,673	1,535,950	2.8	25,201	26,353	27,972	29,324	31,669	32,047	.....
Alaska.....	15,762	16,488	17,138	17,570	18,773	19,641	4.6	25,901	26,898	27,645	28,122	29,913	30,936	14
California.....	812,404	861,557	931,564	994,862	1,099,375	1,128,256	2.6	25,373	26,521	28,240	29,698	32,334	32,702	10
Hawaii.....	30,393	31,218	31,841	32,573	34,308	35,510	3.5	25,249	25,765	26,201	26,913	28,301	29,002	21
Nevada.....	43,331	47,258	52,017	55,330	59,948	62,966	5.0	26,004	26,789	28,069	28,598	29,696	29,897	17
Oregon.....	75,561	80,575	85,305	89,084	95,406	97,814	2.5	23,270	24,385	25,446	26,248	27,821	28,165	30
Washington.....	139,328	150,203	163,192	174,321	186,863	191,763	2.6	25,015	26,469	28,285	29,836	31,627	32,025	13

1. Per capita personal income was computed using midyear population estimates of the Bureau of the Census.

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.

Source: Table 1 "State Personal Income, Revised Estimates for 1999-2001" in the October 2002 issue of the Survey of Current Business.

Table J.3. Disposable Personal Income and Per Capita Disposable Personal Income for States and Regions

Area name	Disposable personal income						Percent change ²	Per capita disposable personal income ¹						Rank in U.S.
	Millions of dollars							Dollars						
	1996	1997	1998	1999	2000	2001		1996	1997	1998	1999	2000	2001	
United States	5,669,393	5,960,749	6,349,151	6,621,480	7,113,559	7,387,363	3.8	21,045	21,863	23,016	23,729	25,214	25,939	.....
New England	326,543	342,605	364,015	379,838	410,306	428,679	4.5	24,091	25,114	26,505	27,450	29,425	30,586	.....
Connecticut.....	91,536	95,724	101,699	105,830	112,817	117,239	3.9	27,433	28,580	30,219	31,252	33,083	34,230	1
Maine.....	23,257	24,200	25,480	26,400	28,111	29,593	5.3	18,620	19,286	20,236	20,839	22,014	23,000	37
Massachusetts.....	151,896	159,674	169,596	177,269	193,290	202,402	4.7	24,560	25,646	27,041	28,061	30,406	31,728	3
New Hampshire.....	26,610	28,200	30,378	32,116	35,516	37,003	4.2	22,652	23,709	25,356	26,282	28,645	29,387	6
Rhode Island.....	21,780	22,851	23,898	24,787	26,237	27,503	4.8	21,334	22,286	23,176	23,824	24,982	25,973	16
Vermont.....	11,463	11,955	12,764	13,436	14,336	15,139	5.6	19,306	20,018	21,258	22,220	23,513	24,693	25
Mideast	1,073,172	1,114,511	1,178,249	1,217,422	1,309,804	1,360,181	3.8	23,647	24,452	25,714	26,405	28,247	29,235	.....
Delaware.....	16,547	16,987	18,470	19,202	20,935	21,967	4.9	22,332	22,605	24,196	24,777	26,628	27,591	10
District of Columbia.....	15,862	16,120	16,921	16,795	18,024	18,782	4.2	27,712	28,393	29,937	29,454	31,562	32,845	.....
Maryland.....	119,755	125,597	133,060	140,126	150,250	158,291	5.4	23,426	24,353	25,566	26,668	28,291	29,449	5
New Jersey.....	211,334	220,964	234,080	240,089	262,179	272,356	3.9	25,932	26,885	28,245	28,720	31,104	32,101	2
New York.....	450,040	464,468	491,784	507,736	546,368	565,238	3.5	24,211	24,896	26,220	26,889	28,772	29,732	4
Pennsylvania.....	259,634	270,375	283,933	293,475	312,047	323,546	3.7	21,246	22,111	23,186	23,930	25,406	26,332	15
Great Lakes	930,464	975,464	1,029,255	1,067,782	1,138,249	1,167,753	2.6	21,032	21,924	23,011	23,745	25,177	25,742	.....
Illinois.....	278,447	291,507	307,987	316,463	339,330	349,489	3.0	23,008	23,922	25,097	25,606	27,286	27,999	8
Indiana.....	114,831	119,826	128,475	133,378	143,459	147,316	2.7	19,443	20,121	21,417	22,064	23,557	24,092	30
Michigan.....	204,949	214,500	225,186	235,489	251,045	254,749	1.5	21,002	21,868	22,866	23,794	25,226	25,498	18
Ohio.....	227,746	239,900	250,838	260,567	273,908	280,623	2.5	20,257	21,273	22,175	22,987	24,112	24,673	26
Wisconsin.....	104,491	109,732	116,768	121,886	130,508	135,576	3.9	19,979	20,837	22,041	22,856	24,293	25,098	21
Plains	382,827	399,625	425,703	441,836	471,343	488,468	3.6	20,466	21,199	22,420	23,096	24,469	25,278	.....
Iowa.....	56,896	59,294	62,181	63,449	67,935	69,760	2.7	19,756	20,509	21,421	21,747	23,206	23,864	33
Kansas.....	52,367	55,113	58,652	60,275	63,777	66,307	4.0	20,029	20,913	22,045	22,505	23,694	24,607	28
Minnesota.....	103,586	109,183	118,006	124,709	133,731	139,216	4.1	21,980	22,921	24,516	25,589	27,120	27,998	9
Missouri.....	108,364	114,001	120,352	124,478	133,054	137,633	3.4	19,951	20,799	21,796	22,380	23,745	24,448	29
Nebraska.....	34,932	35,531	37,620	39,248	41,068	42,868	4.4	20,871	21,069	22,184	23,022	23,980	25,022	23
North Dakota.....	12,226	11,853	13,143	13,245	14,302	14,635	3.3	18,798	18,244	20,297	20,558	22,315	23,068	36
South Dakota.....	14,456	14,650	15,748	16,432	17,475	18,049	2.3	19,477	19,684	21,109	21,897	23,130	23,856	34
Southeast	1,269,457	1,336,061	1,423,978	1,490,466	1,594,054	1,661,737	4.2	19,348	20,044	21,056	21,737	22,938	23,636	.....
Alabama.....	77,079	80,342	84,855	88,376	93,060	96,677	3.9	17,797	18,394	19,265	19,949	20,905	21,655	42
Arkansas.....	43,230	45,063	47,302	49,265	51,959	54,192	4.3	16,807	17,325	18,011	18,577	19,402	20,130	49
Florida.....	312,805	329,682	351,912	368,190	391,323	410,136	4.8	21,060	21,709	22,724	23,363	24,375	25,014	24
Georgia.....	150,182	158,350	171,711	183,084	198,513	206,772	4.2	20,021	20,605	21,836	22,755	24,121	24,663	27
Kentucky.....	68,160	71,915	76,215	78,557	84,884	87,688	3.3	17,390	18,194	19,124	19,551	20,972	21,688	43
Louisiana.....	78,079	81,431	86,139	87,744	91,807	96,994	5.6	17,750	18,419	19,399	19,670	20,539	21,721	41
Mississippi.....	43,943	46,245	49,256	50,865	53,590	55,779	4.1	15,990	16,653	17,561	17,984	18,810	19,517	50
North Carolina.....	145,935	155,311	165,760	174,214	187,686	194,234	3.5	19,456	20,284	21,226	21,915	23,236	23,727	35
South Carolina.....	66,986	70,880	75,481	79,457	85,289	88,456	3.7	17,646	18,364	19,259	19,991	21,198	21,771	40
Tennessee.....	106,568	111,632	119,346	125,616	134,141	138,241	3.1	19,674	20,300	21,426	22,278	23,525	24,084	31
Virginia.....	146,489	154,028	163,510	171,953	186,890	196,098	4.9	21,699	22,554	23,694	24,564	26,308	27,282	12
West Virginia.....	30,001	31,182	32,491	33,144	34,902	36,472	4.5	16,459	17,141	17,895	18,294	19,314	20,241	48
Southwest	552,859	596,546	645,743	679,123	733,704	767,047	4.5	19,051	20,137	21,354	22,030	23,377	24,029	.....
Arizona.....	83,726	90,217	97,615	103,776	112,945	119,007	5.4	18,253	19,045	19,989	20,657	21,866	22,423	38
New Mexico.....	29,502	30,758	32,496	33,215	34,781	37,173	6.9	16,836	17,330	18,119	18,370	19,097	20,322	47
Oklahoma.....	58,473	61,222	65,310	67,744	72,462	75,846	4.7	17,506	18,151	19,179	19,709	20,984	21,920	39
Texas.....	381,159	414,349	450,321	474,388	513,516	535,022	4.2	19,708	20,990	22,340	23,075	24,516	25,089	22
Rocky Mountain	166,565	178,194	191,724	203,495	221,749	231,908	4.6	19,446	20,375	21,498	22,376	23,943	24,652	.....
Colorado.....	86,111	92,927	100,489	108,190	119,717	124,947	4.4	21,967	23,126	24,410	25,601	27,690	28,283	7
Idaho.....	21,208	22,044	23,639	25,148	27,021	28,240	4.5	17,628	17,944	18,876	19,714	20,797	21,378	44
Montana.....	15,037	15,621	16,670	16,997	18,084	19,000	5.1	16,967	17,554	18,679	18,939	20,023	21,008	45
Utah.....	35,002	37,715	40,460	42,112	45,258	47,302	4.5	16,926	17,792	18,680	19,112	20,191	20,840	46
Wyoming.....	9,207	9,886	10,466	11,047	11,669	12,419	6.4	18,861	20,199	21,324	22,464	23,621	25,118	20
Far West	967,506	1,017,744	1,090,483	1,141,518	1,234,359	1,281,390	3.8	21,833	22,590	23,811	24,546	26,153	26,736	.....
Alaska.....	13,919	14,497	15,003	15,400	16,411	17,171	4.6	22,872	23,650	24,201	24,649	26,149	27,045	13
California.....	701,878	735,173	789,557	827,255	897,310	932,835	4.0	21,921	22,630	23,935	24,695	26,391	27,038	14
Hawaii.....	26,730	27,371	27,846	28,378	29,786	30,930	3.8	22,206	22,590	22,914	23,447	24,570	25,262	19
Nevada.....	37,634	41,126	44,903	47,583	51,332	54,069	5.3	22,585	23,313	24,230	24,594	25,428	25,673	17
Oregon.....	64,801	68,539	72,660	75,398	80,241	82,917	3.3	19,957	20,742	21,674	22,216	23,399	23,876	32
Washington.....	122,543	131,039	140,515	147,503	159,278	163,467	2.6	22,001	23,092	24,354	25,246	26,958	27,299	11

1. Per capita disposable personal income was computed using midyear population estimates of the Bureau of the Census.

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.

Source: Table 1 "State Personal Income, Revised Estimates for 1999-2001" in the October 2002 issue of the Survey of Current Business.

Table J.4. Gross State Product (GSP) by Industry for States and Regions, 2000

[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		9,941,552	135,750	127,084	463,635	1,566,579	825,016	674,145	893,855	1,936,304	2,164,630	1,154,555
New England		582,776	4,298	297	24,619	85,821	34,328	38,418	48,794	149,028	143,603	53,570
Connecticut.....	22	159,288	1,090	112	5,579	24,897	9,399	9,726	12,876	47,045	35,235	13,328
Maine.....	44	35,981	693	5	1,693	5,561	2,457	2,138	4,253	6,667	7,422	5,090
Massachusetts.....	11	284,934	1,545	97	12,556	37,956	16,075	20,467	22,004	69,651	79,674	24,908
New Hampshire.....	38	47,708	341	36	2,060	9,777	2,707	3,212	4,617	11,587	9,685	3,684
Rhode Island.....	42	36,453	227	11	1,898	4,450	2,343	1,854	3,244	10,796	7,465	4,164
Vermont.....	49	18,411	401	36	831	3,179	1,346	1,021	1,799	3,281	4,121	2,396
Mideast		1,848,116	11,090	3,667	70,536	228,623	146,359	118,790	138,089	481,675	436,048	213,239
Delaware.....	43	36,336	317	2	1,578	5,535	1,876	1,482	2,579	13,840	5,790	3,336
District of Columbia.....		59,397	21	29	571	833	3,044	746	1,672	8,017	22,753	21,711
Maryland.....	16	186,108	1,600	153	10,519	14,955	14,137	11,392	16,164	38,915	45,895	32,377
New Jersey.....	8	363,089	1,919	242	14,235	50,198	34,131	33,575	27,339	85,452	81,545	34,453
New York.....	2	799,202	3,385	615	25,958	81,644	58,750	46,841	54,630	259,929	188,190	79,260
Pennsylvania.....	6	403,985	3,848	2,627	17,674	75,457	34,421	24,754	35,705	75,522	91,875	42,102
Great Lakes		1,530,982	15,630	4,414	74,009	351,203	116,507	109,716	137,490	257,073	306,776	158,165
Illinois.....	5	467,284	4,163	1,058	22,310	73,413	41,203	37,013	37,669	96,849	107,674	45,932
Indiana.....	15	192,195	2,225	674	9,836	58,906	14,436	11,448	17,365	25,422	32,755	19,128
Michigan.....	9	325,384	2,910	881	16,619	85,465	21,335	23,548	30,046	46,417	64,863	33,301
Ohio.....	7	372,640	3,481	1,531	16,809	89,399	27,100	26,483	36,183	60,960	69,897	40,799
Wisconsin.....	20	173,478	2,851	271	8,434	44,021	12,433	11,225	16,227	27,424	31,588	19,005
Plains		635,821	16,886	3,449	31,195	111,677	60,941	47,702	59,475	104,991	126,218	74,188
Iowa.....	30	89,600	3,678	210	3,822	19,747	7,758	6,338	7,950	13,938	15,392	10,768
Kansas.....	31	85,063	2,204	1,236	4,018	14,004	11,408	6,449	8,380	11,141	14,851	11,373
Minnesota.....	17	184,766	3,318	684	9,575	32,459	13,842	14,555	17,069	35,354	39,566	18,344
Missouri.....	18	178,845	2,517	423	9,150	32,849	18,299	12,985	17,040	27,394	37,761	20,425
Nebraska.....	36	56,072	2,471	86	2,710	8,022	6,082	4,289	4,918	8,763	11,031	7,701
North Dakota.....	50	18,283	952	686	924	1,580	1,783	1,561	1,797	2,846	3,518	2,636
South Dakota.....	46	23,192	1,745	125	995	3,015	1,769	1,524	2,322	4,655	4,100	2,941
Southeast		2,156,521	32,736	30,526	108,230	351,257	190,197	148,028	212,493	361,852	434,586	286,617
Alabama.....	25	119,921	2,166	1,448	5,845	22,959	10,544	7,788	12,134	18,027	20,849	18,161
Arkansas.....	34	67,724	2,246	474	3,300	15,065	7,036	4,466	7,868	8,117	10,769	8,382
Florida.....	4	472,105	8,084	899	25,557	32,590	39,503	36,250	52,887	100,537	118,762	57,236
Georgia.....	10	296,142	3,894	1,127	14,821	49,553	33,355	26,471	27,206	47,076	58,036	34,603
Kentucky.....	27	118,508	2,693	2,135	5,538	31,633	9,605	7,316	10,976	13,664	19,211	15,735
Louisiana.....	24	137,700	1,281	18,526	6,635	20,145	12,233	7,519	11,790	19,005	24,039	16,526
Mississippi.....	35	67,315	1,600	770	3,222	13,307	6,401	3,912	7,270	8,158	11,753	10,923
North Carolina.....	12	281,741	4,979	521	13,913	67,502	18,773	16,689	24,119	54,987	45,998	34,260
South Carolina.....	28	113,377	1,359	177	6,814	23,897	10,397	7,071	12,037	15,819	18,522	17,285
Tennessee.....	19	178,362	1,805	541	8,243	36,055	14,790	13,301	19,943	25,678	37,475	20,531
Virginia.....	13	261,355	2,320	1,044	12,561	31,792	23,009	15,007	22,024	45,969	61,451	46,178
West Virginia.....	40	42,271	309	2,863	1,980	6,760	4,551	2,237	4,239	4,816	7,719	6,795
Southwest		1,044,714	15,067	57,581	51,262	149,173	106,628	75,069	100,350	156,992	209,961	122,632
Arizona.....	23	156,303	2,246	1,136	9,292	24,382	11,154	10,124	16,463	28,714	34,652	18,140
New Mexico.....	37	54,364	1,043	5,051	2,290	8,862	4,067	2,186	4,838	7,219	9,787	9,022
Oklahoma.....	29	91,773	2,138	5,146	3,614	14,824	8,480	5,375	9,338	11,383	16,849	14,625
Texas.....	3	742,274	9,639	46,247	36,066	101,105	82,927	57,384	69,711	109,676	148,674	80,845
Rocky Mountain		314,569	6,145	9,800	20,135	36,195	34,340	19,342	29,999	51,085	67,522	40,006
Colorado.....	21	167,918	2,261	2,913	11,084	16,257	20,376	10,726	15,911	28,734	40,342	19,313
Idaho.....	41	37,031	1,870	169	2,414	8,468	2,874	2,277	3,632	4,306	6,180	4,842
Montana.....	47	21,777	846	812	1,218	1,578	2,563	1,352	2,180	3,074	4,566	3,587
Utah.....	33	68,549	713	1,208	4,405	8,559	5,901	4,254	6,881	12,685	14,268	9,675
Wyoming.....	48	19,294	454	4,698	1,014	1,333	2,626	733	1,394	2,286	2,166	2,589
Far West		1,828,052	33,898	17,350	83,651	252,629	135,717	117,080	167,165	374,507	439,917	206,137
Alaska.....	45	27,747	433	6,041	1,266	1,073	4,401	837	1,858	2,852	3,690	5,296
California.....	1	1,344,623	24,587	9,233	55,472	189,962	94,183	87,392	121,300	293,110	328,274	141,109
Hawaii.....	39	42,364	509	44	1,853	1,296	4,288	1,602	4,663	9,520	9,515	9,074
Nevada.....	32	74,745	582	1,392	7,399	3,066	5,924	3,386	7,920	13,379	24,131	7,566
Oregon.....	26	118,637	3,066	159	6,365	30,608	8,199	8,521	9,630	16,768	21,218	14,102
Washington.....	14	219,937	4,722	481	11,295	26,625	18,722	15,341	21,795	38,877	53,089	28,990

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 reflects the GSP estimates for 2000 that were released on June 10, 2002. Detailed estimates are available on BEA's Web site at <www.bea.gov> under "State and local area data."

K. Local Area Table

Table K.1. Personal Income and Per Capita Personal Income by Metropolitan Area, 1998-2000

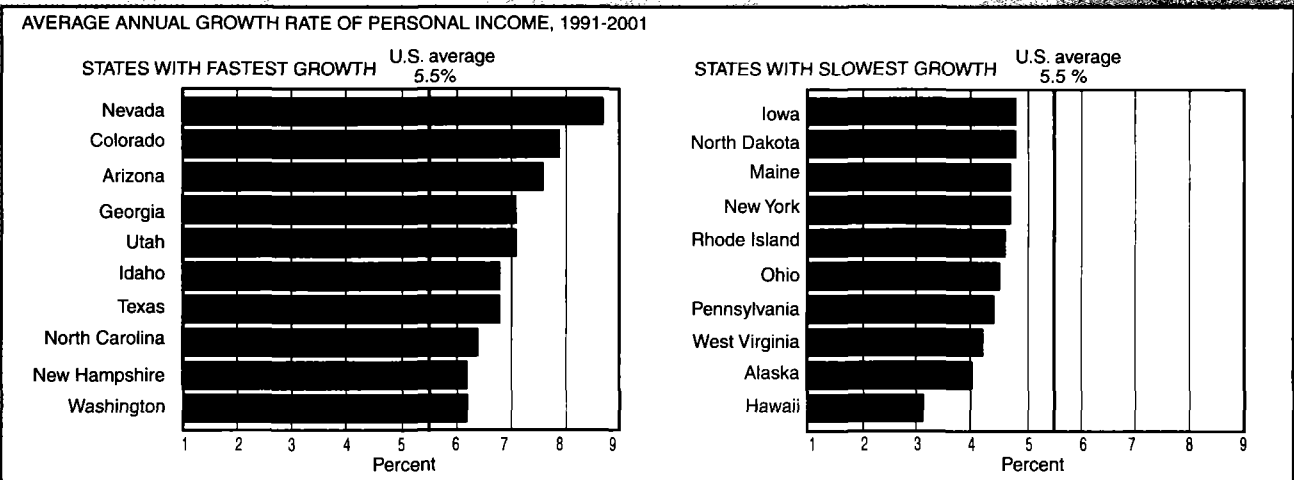
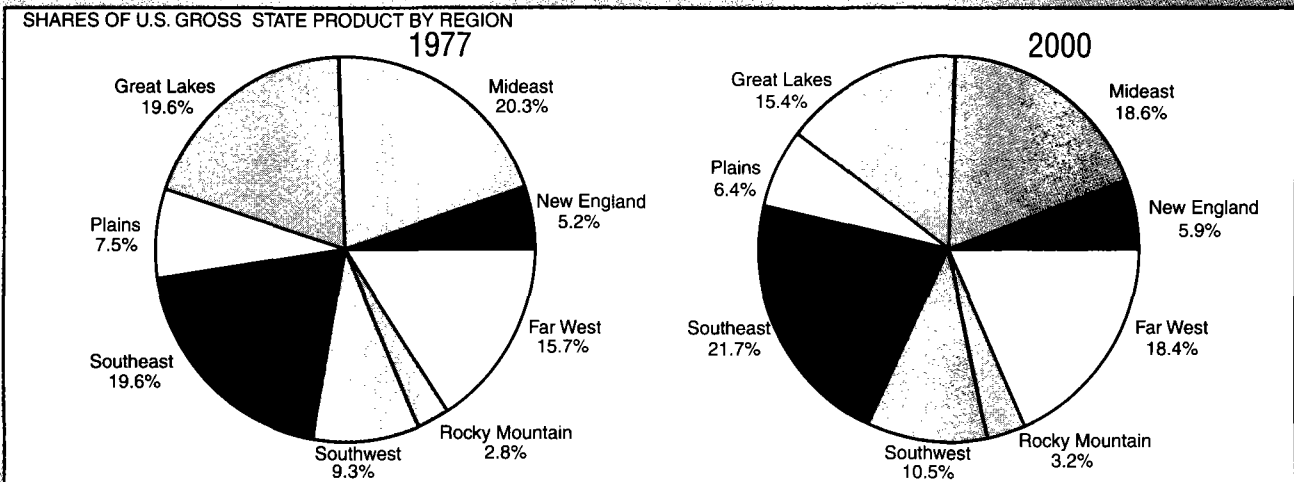
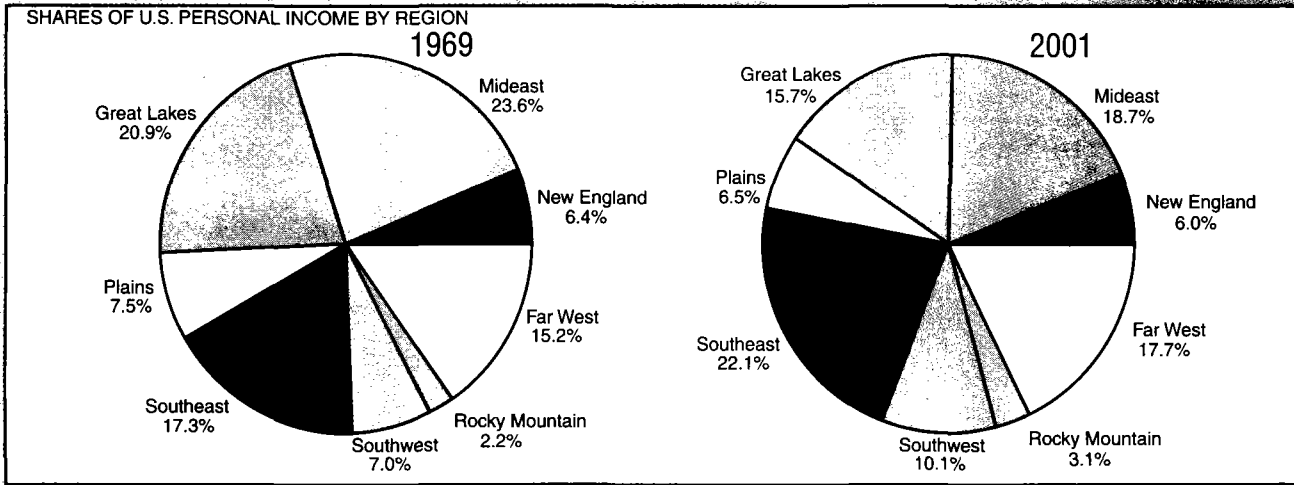
Area name	Personal income				Per capita personal income ¹				Area name	Personal income				Per capita personal income ¹			
	Millions of dollars			Percent change ²	Dollars			Rank in U.S.		Millions of dollars			Percent change ²	Dollars			Rank in U.S.
	1998	1999	2000		1998	1999	2000			1998	1999	2000		1998	1999	2000	
United States ³	7,418,497	7,769,367	8,314,032	7.0	26,893	27,843	29,469		Corvallis, OR	2,157	2,196	2,291	4.3	27,327	28,059	29,318	81
Metropolitan portion	6,309,791	6,622,851	7,103,560	7.3	28,258	29,589	31,332		Cumberland, MD-WV	1,971	2,010	2,102	4.6	19,190	19,617	20,653	305
Nonmetropolitan portion	1,108,706	1,146,516	1,210,472	5.6	20,277	20,822	21,847		Dallas, TX	106,605	113,699	124,705	9.7	31,840	32,974	35,216	23
Consolidated Metropolitan Statistical Areas																	
Chicago-Gary-Kenosha, IL-IN-WI	287,183	298,505	316,620	6.1	31,878	32,820	34,506		Darville, VA	2,150	2,199	2,314	5.2	19,461	19,936	21,028	303
Cincinnati-Hamilton, OH-KY-IN	54,908	57,245	60,249	5.2	28,078	29,075	30,384		Davenport-Moline-Rock Island, IA-IL	9,260	9,250	9,690	4.8	25,824	25,713	27,005	134
Cleveland-Akron, OH	83,338	85,770	89,742	4.6	28,294	29,115	30,464		Dayton-Springfield, OH	25,427	26,056	27,084	3.9	26,572	27,336	28,504	99
Dallas-Fort Worth, TX	150,138	160,079	174,907	9.3	30,167	31,267	33,289		Daytona Beach, FL	10,308	10,587	11,232	6.1	21,519	21,754	22,660	276
Denver-Boulder-Greeley, CO	78,606	85,196	94,440	10.9	31,947	33,652	36,370		Decatur, IL	3,274	3,423	3,521	2.9	22,707	23,573	24,189	228
Detroit-Ann Arbor-Flint, MI	162,694	169,368	178,609	5.5	29,973	31,114	32,694		Denver, CO*	65,598	70,982	78,793	11.0	32,532	34,267	37,153	18
Houston-Galveston-Brazoria, TX	136,556	142,509	155,001	8.8	30,405	30,982	33,025		Des Moines, IA	13,074	13,700	14,340	4.7	29,503	30,402	31,347	53
Los Angeles-Riverside-Orange County, CA	428,551	451,458	482,176	6.8	26,909	27,892	29,329		Des Moines, IA	134,925	140,283	147,828	5.4	30,410	31,601	33,259	36
Miami-Fort Lauderdale, FL	95,902	98,951	105,353	6.5	25,637	25,937	27,033		Dothan, AL	2,943	3,071	3,202	4.3	21,566	22,357	23,197	259
Milwaukee-Racine, WI	49,851	51,775	54,331	4.9	29,698	30,734	32,137		Dover, DE	2,772	2,862	3,025	5.7	22,348	22,787	23,795	238
New York-No. New Jersey-Long Island, NY-NJ-CT-PA	741,023	774,361	836,234	8.0	35,723	36,956	39,568		Dubuque, IA	2,173	2,174	2,287	5.2	24,481	24,450	25,645	172
Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD	187,702	194,772	206,743	6.1	30,592	31,598	33,377		Duluth-Superior, MN-WI	5,789	5,978	6,339	6.0	23,893	24,590	26,005	162
Portland-Salem, OR-WA	61,119	64,272	69,210	7.7	27,732	28,687	30,453		Dutchess County, NY	7,710	7,964	8,687	9.1	28,160	28,691	30,939	57
Sacramento-Yolo, CA	46,577	50,012	54,157	8.3	26,894	28,299	29,951		Eau Claire, WI	3,432	3,584	3,785	5.6	23,435	24,221	25,472	178
San Francisco-Oakland-San Jose, CA	257,252	283,762	328,725	15.8	37,277	40,660	46,586		El Paso, TX	11,624	11,988	12,643	5.5	17,318	17,749	18,535	312
Seattle-Tacoma-Bremerton, WA	112,042	121,281	127,818	5.4	32,207	34,412	35,877		Elkhart-Goshen, IN	4,372	4,627	4,857	5.0	24,578	25,614	26,485	149
Washington-Baltimore, DC-MD-VA-WV	247,605	262,832	283,865	8.0	33,416	34,955	37,168		Elmira, NY	2,085	2,145	2,281	6.4	22,711	23,499	25,069	191
Metropolitan Statistical Areas⁴																	
Abilene, TX	2,881	2,964	3,096	4.5	22,971	23,460	24,487	214	Enid, OK	1,328	1,326	1,373	3.5	22,841	22,791	23,815	237
Akron, OH	18,584	19,186	20,194	5.3	26,893	27,680	29,023	90	Erie, PA	6,504	6,649	6,944	4.4	23,082	23,637	24,740	199
Albany, GA	2,567	2,635	2,770	5.1	21,313	21,864	22,920	267	Evansville-Henderson, IN-KY	7,590	7,904	8,271	4.6	23,744	24,564	25,584	175
Albany-Schenectady-Troy, NY	24,112	24,816	26,233	5.7	27,587	28,392	29,942	71	Fargo-Moorhead, ND-MN	4,258	4,535	4,720	4.1	24,914	26,230	27,024	133
Albuquerque, NM	16,861	17,372	18,503	6.5	24,043	24,598	25,894	164	Fayetteville, NC	6,862	7,105	7,542	6.2	22,912	23,558	24,899	193
Alexandria, LA	2,833	2,901	3,006	3.6	22,509	23,006	23,777	239	Fayetteville-Springdale-Rogers, AR	6,356	6,806	7,306	7.4	21,588	22,442	23,316	251
Allentown-Bethlehem-Easton, PA	16,797	17,530	18,614	6.2	26,806	27,593	29,146	88	Flagstaff, AZ-UT	2,432	2,528	2,700	6.8	20,111	20,842	22,000	288
Altoona, PA	2,908	3,031	3,165	4.4	22,284	23,361	24,533	210	Flint, MI	10,470	10,672	11,017	3.2	24,171	24,567	25,217	186
Amarillo, TX	4,981	5,047	5,333	5.7	23,404	23,387	24,429	217	Florence, AL	2,877	2,956	3,060	3.5	20,254	20,770	21,397	295
Anchorage, AK	6,403	6,599	7,108	5.9	32,668	33,156	34,590	24	Florence, SC	2,790	2,902	3,065	6.3	22,936	23,107	24,517	211
Ann Arbor, MI*	17,299	19,765	21,765	7.3	31,042	32,312	33,987	32	Fort Collins-Loveland, CO	6,219	6,670	7,376	10.8	25,936	27,017	29,178	87
Annisston, AL	2,381	2,369	2,364	-0.2	20,146	20,620	21,232	298	Fort Lauderdale, FL	43,721	44,556	47,987	7.7	28,015	27,950	29,409	80
Appleton-Oshkosh-Neenah, WI	9,082	9,545	10,179	6.6	25,858	26,864	28,332	102	Fort Myers-Cape Coral, FL	10,924	11,196	11,834	5.7	25,893	25,917	26,655	142
Asheville, NC	5,554	5,706	6,032	5.7	25,142	25,506	26,618	144	Fort Pierce-Port St. Lucie, FL	8,644	8,932	9,367	4.9	27,779	28,237	29,206	85
Athens, GA	3,262	3,407	3,589	5.3	22,001	22,542	23,311	253	Fort Smith, AR-OK	4,113	4,319	4,625	7.1	20,384	21,104	22,249	282
Atlanta, GA	116,796	126,048	136,832	8.6	30,121	31,435	33,013	37	Fort Walton Beach, FL	4,093	4,254	4,530	6.5	24,363	25,163	26,501	148
Atlantic-Cape May, NJ	10,234	10,373	10,954	5.6	29,262	29,420	30,824	63	Fort Wayne, IN	12,805	13,195	13,878	5.2	25,924	26,479	27,591	118
Auburn-Opelika, AL	1,920	2,021	2,135	5.6	26,426	27,901	29,184	313	Fort Worth-Arlington, TX*	43,532	46,380	50,202	8.2	26,729	27,745	29,305	82
Augusta-Aiken, GA-SC	10,502	10,817	11,389	5.3	22,320	22,800	23,816	236	Fresno, CA	17,465	18,462	19,556	5.9	19,454	20,260	21,121	301
Austin-San Marcos, TX	32,797	36,972	40,483	9.5	28,382	30,659	32,039	44	Gadsden, AL	2,072	2,119	2,219	4.7	19,852	20,375	21,486	294
Bakersfield, CA	12,577	12,921	13,787	6.7	19,559	19,714	20,767	304	Gainesville, FL	4,938	5,063	5,347	5.6	23,217	23,455	24,507	212
Baltimore, MD	74,127	77,608	82,502	6.3	29,354	30,551	32,265	42	Galveston-Texas City, TX*	6,251	6,387	6,660	4.3	25,446	25,662	26,594	148
Bangor, ME (NECMA)	3,124	3,244	3,426	5.6	21,605	22,387	23,659	242	Gary, IN	15,702	16,146	17,196	6.6	24,947	25,604	27,516	129
Barnstable-Yarmouth, MA (NECMA)	6,912	7,430	8,128	9.6	32,223	33,932	36,417	20	Glens Falls, NY	2,898	2,751	2,883	5.2	21,856	22,169	22,662	256
Baton Rouge, LA	14,061	14,542	15,176	4.4	23,787	24,312	25,117	190	Goldboro, NC	2,217	2,222	2,443	9.9	19,543	19,635	21,550	292
Beaumont-Port Arthur, TX	8,795	8,798	9,146	3.9	22,974	22,851	23,756	240	Grand Forks, ND-MN	2,264	2,264	2,388	5.5	25,657	23,122	24,572	208
Bellingham, WA	3,550	3,707	3,876	4.6	22,048	22,525	23,133	261	Grand Junction, CO	2,562	2,709	2,838	6.5	22,738	23,591	24,693	201
Benton Harbor, MI	3,853	4,018	4,171	3.8	23,776	24,799	25,659	170	Grand Rapids-Muskegon-Holland, MI	27,695	28,933	30,550	5.6	26,095	26,853	27,977	110
Bergen-Passaic, NJ	51,904	53,692	58,721	9.4	38,142	39,239	42,726	4	Great Falls, MT	1,881	1,896	1,978	4.3	23,304	23,527	24,661	202
Billings, MT	3,100	3,179	3,376	6.2	24,285	24,697	26,057	160	Greeley, CO	3,521	3,822	4,126	8.0	21,144	21,921	22,539	278
Biloxi-Gulfport-Pascagoula, MS	7,741	8,027	8,429	5.0	21,773	22,234	23,097	262	Green Bay, WI	6,102	6,365	6,659	4.6	27,442	28,311	29,295	83
Binghamton, NY	5,773	5,959	6,244	4.8	22,798	23,275	24,779	199	Greensboro-Winston-Salem-High Point, NC	32,570	33,716	35,799	6.2	26,716	27,237	28,522	98
Birmingham, AL	24,406	25,652	26,814	4.5	26,791	27,966	29,057	89	Greenville, NC	2,936	2,911	3,299	13.3	22,499	21,964	24,599	207
Bismark, ND	2,200	2,272	2,426	6.8	23,487	24,107	25,586	174	Greenville-Spartanburg-Anderson, SC	21,965	22,964	24,403	6.3	23,404	24,108	25,277	184
Bloomington, IN	2,662	2,779	2,955	6.3	22,308	23,098	24,503	213	Hagerstown, MD	2,945	3,012	3,206	6.5	22,570	22,960	24,267	221
Bloomington-Normal, IL	3,930	4,212	4,475	6.2	26,819	28,244	29,670	74	Hamilton-Middletown, OH*	8,397	8,837	9,303	5.3	25,580	26,719	27,878	114
Boise City, ID	10,380	11,091	12,349	11.3	25,483	26,343	28,329	103	Harrisburg-Lebanon-Carlisle, PA	17,221	17,838	1					

Table K.1. Personal Income and Per Capita Personal Income by Metropolitan Area, 1998-2000—Continued

Area name	Personal income				Per capita personal income ¹				Area name	Personal income				Per capita personal income ¹			
	Millions of dollars			Percent change ²	Dollars			Rank in U.S.		Millions of dollars			Percent change ²	Dollars			Rank in U.S.
	1998	1999	2000		1998	1999	2000			1998	1999	2000		1998	1999	2000	
La Crosse, WI-MN	3,064	3,164	3,323	5.0	24,438	25,100	26,165	156	Reno, NV	10,552	11,195	11,911	6.4	32,502	33,636	34,879	25
Lafayette, LA	8,201	8,151	8,572	5.2	21,511	21,219	22,210	284	Richland-Kennebec-Pasco, WA	4,150	4,269	4,598	7.7	22,279	22,582	23,872	235
Lafayette, IN	4,093	4,205	4,455	5.9	22,738	23,179	24,330	220	Richmond-Petersburg, VA	27,932	29,358	31,271	6.5	28,635	29,744	31,292	54
Lake Charles, LA	3,988	4,054	4,166	2.8	21,841	22,103	22,701	272	Riverside-San Bernardino, CA*	66,827	71,205	76,593	7.6	21,500	22,325	23,350	248
Lakeland-Winter Haven, FL	10,122	10,478	11,306	7.9	21,469	21,919	23,285	255	Roanoke, VA	6,288	6,493	6,883	6.0	26,766	27,579	29,181	86
Lancaster, PA	11,981	12,495	13,298	6.4	25,806	26,706	28,195	106	Rochester, MN	3,622	3,867	4,151	7.3	30,171	31,547	33,283	35
Lansing-East Lansing, MI	10,949	11,526	12,050	4.5	24,474	25,780	26,895	136	Rochester, NY	29,626	30,133	31,213	3.6	27,024	27,486	28,419	101
Laredo, TX	2,572	2,712	2,945	8.6	14,053	14,347	15,114	216	Rockford, IL	9,185	9,419	9,769	3.7	25,083	25,570	26,253	154
Las Cruces, NM	2,818	2,905	3,032	4.4	16,376	16,705	17,321	314	Rocky Mount, NC	3,250	3,080	3,524	14.4	22,739	21,488	24,629	204
Las Vegas-NV-AZ	37,556	40,561	43,615	7.5	26,320	26,985	27,558	121	Sacramento, CA*	42,528	45,671	49,567	8.5	27,086	28,509	30,252	67
Lawrence, KS	2,043	2,135	2,278	6.7	20,941	21,461	22,747	271	Saginaw-Bay City-Midland, MI	10,028	10,320	10,772	4.4	24,846	25,590	26,733	141
Lawton, OK	2,285	2,349	2,443	4.0	19,771	20,235	21,332	297	St. Cloud, MN	3,700	3,826	4,067	6.3	22,625	23,124	24,210	224
Lewiston-Auburn, ME (NECMA)	2,316	2,413	2,497	3.5	22,463	23,333	24,045	229	St. Joseph, MO	2,204	2,303	2,455	6.6	21,715	22,601	23,944	234
Lexington, KY	12,170	12,785	13,743	7.5	26,121	26,975	28,597	97	St. Louis, MO-IL	75,458	77,468	81,709	5.5	21,861	22,855	24,354	52
Lima, OH	3,555	3,702	3,864	4.4	22,894	23,909	24,890	194	Salem, OR*	7,574	7,999	8,354	4.4	22,391	23,253	24,000	231
Lincoln, NE	6,509	6,858	7,217	5.2	26,611	27,717	28,752	94	Salinas, CA	10,442	11,127	11,970	7.6	26,919	28,081	29,695	73
Little Rock-North Little Rock, AR	14,634	15,240	16,045	5.3	25,598	26,327	27,417	126	Salt Lake City-Ogden, UT	31,226	32,672	34,868	6.7	23,953	24,738	26,075	159
Longview-Marshall, TX	4,677	4,764	5,009	5.2	22,492	22,804	23,992	232	San Angelo, TX	2,338	2,404	2,520	4.8	22,475	23,136	24,235	223
Los Angeles-Long Beach, CA*	253,406	265,291	281,835	6.2	27,208	28,111	29,522	78	San Antonio, TX	36,977	38,704	41,169	6.4	23,903	24,612	25,741	166
Louisville, KY-IN	28,201	29,247	31,008	6.0	27,866	28,670	30,191	68	San Diego, CA	78,156	84,493	91,850	8.7	28,558	30,289	32,515	41
Lubbock, TX	5,475	5,594	5,978	6.9	22,851	23,235	24,613	205	San Francisco, CA*	78,465	85,983	94,225	15.6	45,888	49,830	57,414	1
Lynchburg, VA	4,704	4,910	5,194	5.8	22,169	22,976	24,141	226	San Jose, CA*	66,666	76,769	82,980	21.0	40,185	45,525	55,157	2
Macon, GA	7,490	7,814	8,234	5.4	23,505	24,357	25,474	177	San Luis Obispo-Atascadero-Paso Robles, CA	5,869	6,231	6,669	7.0	24,453	25,592	26,932	135
Madison, WI	13,090	13,737	14,679	6.9	31,152	32,456	34,301	30	Santa Barbara-Santa Maria-Lompoc, CA	11,416	12,132	13,085	7.9	28,920	30,567	32,734	38
Mansfield, OH	3,826	3,908	4,101	4.9	21,746	22,156	23,347	249	Santa Cruz-Watsonville, CA*	7,686	8,398	9,610	14.4	30,636	33,107	37,567	17
McAllen-Edinburg-Mission, TX	6,720	7,105	7,659	7.8	12,492	12,782	13,344	318	Santa Fe, NM	4,226	4,395	4,626	5.2	29,261	30,007	31,249	55
Medford-Ashtab, OR	4,005	4,246	4,468	5.2	22,670	23,682	24,563	209	Santa Rosa, CA*	13,452	14,202	16,046	13.0	30,168	31,321	34,863	26
Melbourne-Titusville-Palm Bay, FL	11,116	11,374	12,261	7.8	23,772	24,090	25,650	171	Sarasota-Bradenton, FL	19,092	19,594	20,503	4.6	33,319	33,672	34,579	29
Memphis, TN-AR-MS	30,687	31,775	33,329	4.9	27,625	28,222	29,275	84	Savannah, GA	7,316	7,601	8,008	5.4	25,266	26,066	27,289	128
Merced, CA	3,545	3,742	3,924	4.9	17,528	18,100	18,536	311	Scranton-Wilkes-Barre-Hazleton, PA	14,638	14,950	15,708	5.1	23,206	23,827	25,191	188
Miami, FL	52,180	54,395	57,356	5.4	23,935	24,492	25,320	183	Seattle-Bellevue-Everett, WA*	84,997	93,159	98,384	5.6	35,880	38,858	40,686	8
Middlesex-Somerset-Hunterdon, NJ*	43,472	45,564	49,749	9.2	38,155	39,393	42,392	5	Sharon, PA	2,559	2,623	2,774	5.8	21,107	21,720	23,080	263
Milwaukee-Waukesha, WI*	44,776	46,566	48,860	4.9	30,032	31,122	32,538	39	Sheboygan, WI	2,895	3,031	3,190	5.3	25,852	27,039	28,278	104
Minneapolis-St. Paul, MN-WI	96,082	101,215	109,236	7.9	33,308	34,518	36,666	19	Sherman-Denison, TX	2,306	2,426	2,597	7.1	21,546	22,218	23,400	247
Missoula, MT	2,093	2,161	2,315	7.1	22,307	22,802	24,111	227	Shreveport-Bossier City, LA	8,780	9,031	9,404	4.1	22,529	23,083	23,972	233
Mobile, AL	11,393	11,774	12,280	4.3	21,378	21,930	22,677	274	Sioux City, IA-NE	2,933	2,974	3,091	3.9	23,791	24,008	24,902	192
Modesto, CA	9,178	9,650	10,302	6.8	21,407	22,001	22,889	268	Sioux Falls, SD	4,671	4,958	5,322	7.3	28,406	29,413	30,675	64
Monmouth-Ocean, NJ*	35,161	36,478	39,362	7.9	31,952	32,721	34,812	28	South Bend, IN	6,727	6,930	7,261	4.8	25,495	26,156	27,335	127
Monroe, LA	3,109	3,258	3,396	4.2	21,055	22,135	23,061	265	Spokane, WA	9,650	9,977	10,692	7.2	23,336	24,015	25,550	176
Montgomery, AL	7,860	8,251	8,584	4.0	23,899	24,915	25,740	167	Springfield, IL	5,541	5,695	5,976	4.9	27,466	28,286	29,651	75
Muncie, IN	2,735	2,813	2,952	5.0	22,889	23,683	24,877	195	Springfield, MO	7,296	7,561	8,000	5.8	23,032	23,510	24,473	215
Myrtle Beach, SC	4,043	4,309	4,616	7.1	21,737	22,461	23,315	252	Springfield, MA (NECMA)	15,250	15,780	16,832	6.7	25,173	25,950	27,653	117
Naples, FL	8,951	9,538	10,198	6.9	38,357	38,916	40,121	10	State College, PA	3,080	3,251	3,428	5.4	22,871	24,026	25,237	185
Nashville, TN	34,143	35,748	38,263	7.0	28,598	29,429	30,962	56	Steubenville-Weirton, OH-WV	2,751	2,785	2,891	3.8	30,426	30,893	31,969	289
Nassau-Suffolk, NY*	101,028	105,063	111,360	6.0	37,229	38,387	40,353	9	Stockton-Lodi, CA	11,542	12,297	13,209	7.4	21,364	22,261	23,242	258
New Haven-Bridgeport-Stamford-Danbury-Waterbury, CT*	71,036	74,358	79,510	6.9	42,134	43,806	46,542	3	Sumter, SC	1,964	2,040	2,148	5.3	18,620	19,464	20,493	306
New London-Norwich, CT (NECMA)	7,690	7,918	8,235	4.0	20,967	20,741	21,745	49	Syracuse, NY	17,807	18,316	19,126	4.4	24,260	25,010	26,130	158
New Orleans, LA	33,225	33,710	34,842	3.4	24,878	25,187	26,056	161	Tacoma, WA*	16,548	17,219	18,004	4.6	24,371	24,859	25,587	173
New York, NY*	321,204	337,522	365,961	8.4	35,123	36,504	39,259	15	Tallahassee, FL	6,569	6,864	7,237	5.4	23,649	24,429	25,382	181
Newark, NJ*	72,871	75,398	81,529	8.1	36,321	37,298	40,061	11	Tampa-St. Petersburg-Clearwater, FL	61,218	63,331	67,824	7.1	26,197	26,732	28,214	105
Newburgh, NY-PA	9,167	9,590	10,211	6.5	24,411	25,125	26,211	155	Terre Haute, IN	3,173	3,265	3,424	2.9	21,192	21,844	22,977	266
Norfolk-Virginia Beach-Newport News, VA-NC	37,362	38,836	41,180	6.0	24,154	24,929	26,159	157	Texasarkana, TX-Texasarkana, AR	2,564	2,673	2,808	5.0	19,916	20,647	21,636	291
Oakland, CA	78,183	84,680	95,167	12.4	33,581	35,819	39,611	13	Toledo, OH	15,919	16,490	17,011	3.2	25,739	26,667	27,521	123
Ocala, FL	5,251	5,448	5,780	6.1	20,996	21,367	22,191	285	Topeka, KS	4,369	4,478	4,724	5.5	25,799	26,418	27,784	115
Odessa-Midland, TX	6,287	5,994	6,414	7.0	25,995	24,968	27,139	311	Trenton, NJ*	12,521	13,071	14,385	10.1	36,397	37,512	40,954	7
Oklahoma City, OK	24,684	25,793	27,606	7.0	23,226	23,969	25,436	180	Tucson, AZ	18,089	19,037	20,117	5.7	22,239	22,967	23,705	241
Olympia, WA	5,055	5,267	5,513	4.7	25,018	25,711	26,460	150	Tulsa, OK	21,450	21,984	23,157	5.0	27,244	27,529	28,775	93
Omaha, NE-IA	20,377	21															

L. Charts

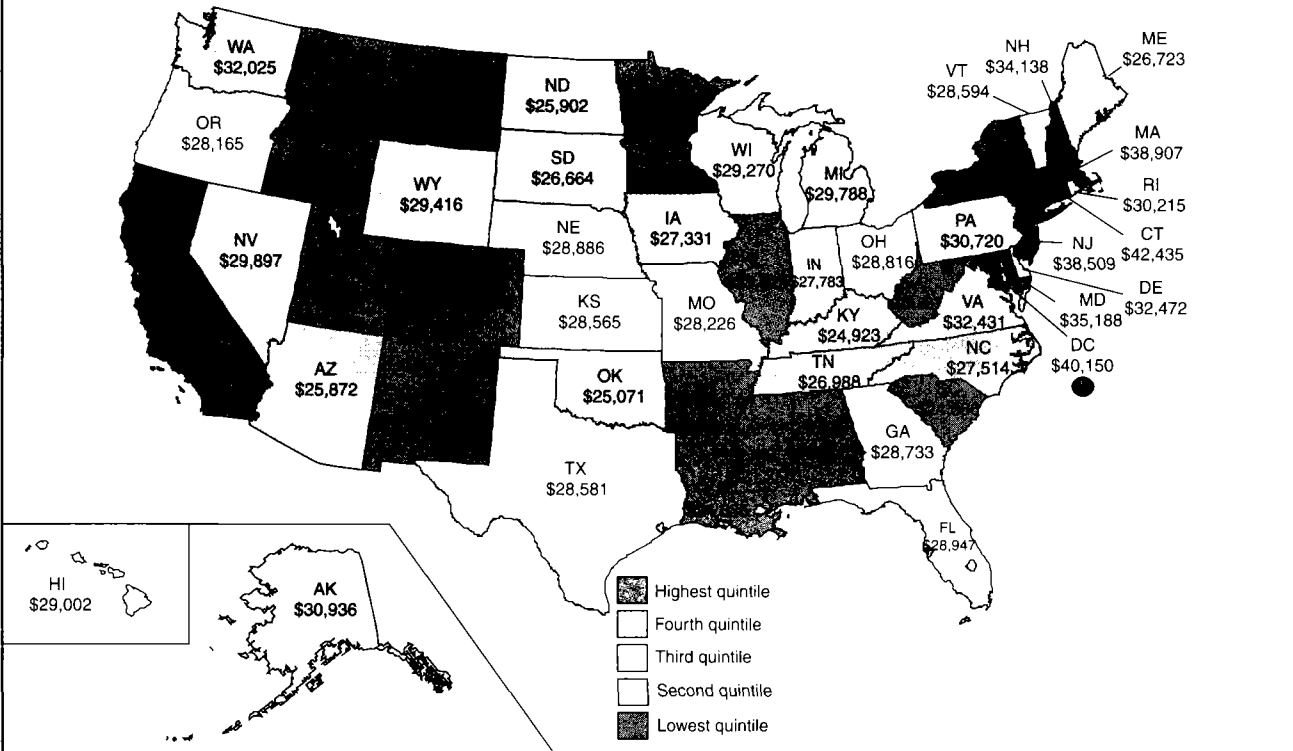
SELECTED REGIONAL ESTIMATES



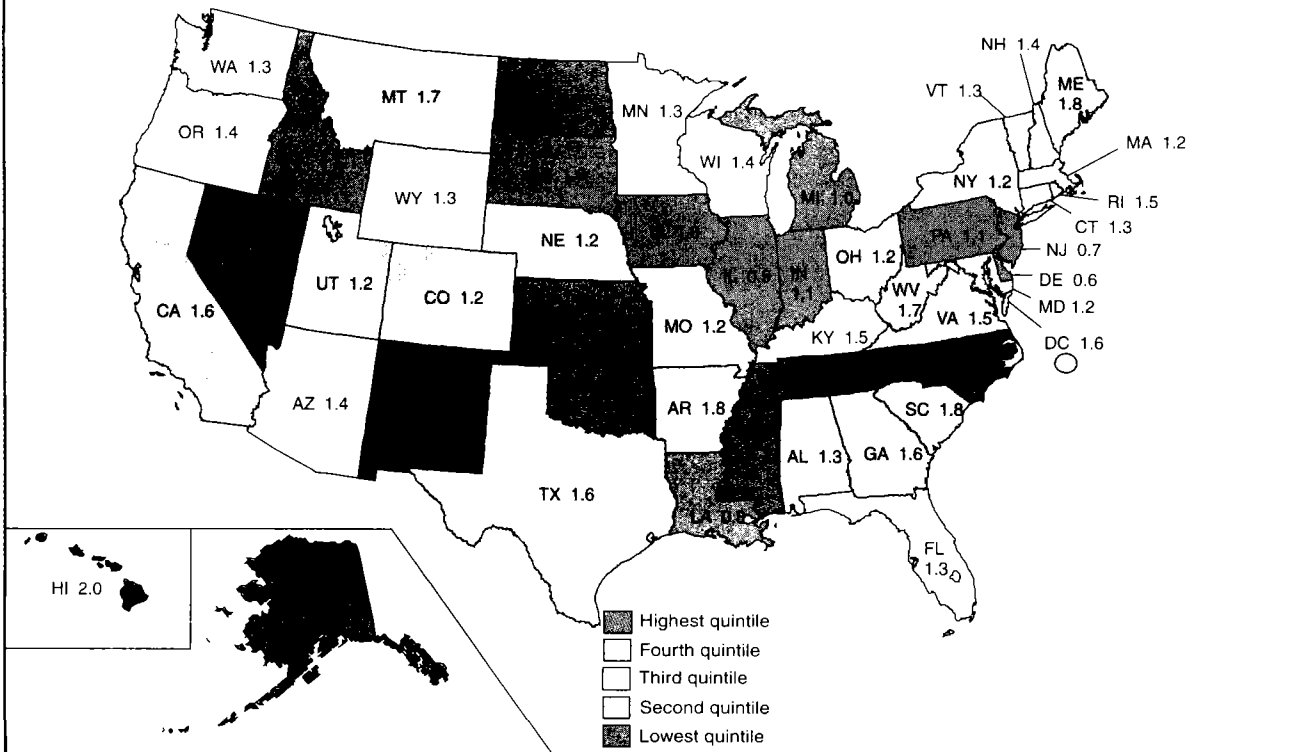
U.S. Bureau of Economic Analysis

SELECTED REGIONAL ESTIMATES

PER CAPITA PERSONAL INCOME, 2001



PERSONAL INCOME: PERCENT CHANGE, 2001:IV-2002:I



U.S. Bureau of Economic Analysis

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 com-

ponent 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]

	2000	2001	Seasonally adjusted at annual rates					
			2001				2002	
			I	II	III	IV	I	II
BEA-derived compensation per hour of all persons in the nonfarm business sector (less housing) ¹	7.0	2.7	2.8	0.1	1.0	1.5	2.9	3.9
Less: Contribution of supplements to wages and salaries per hour.....	-0.1	0.3	0.5	0.1	0.1	0.1	1.4	0.7
Plus: Contribution of wages and salaries per hour of persons in housing and in nonprofit institutions.....	-0.3	0.0	0.4	0.0	0.0	-0.5	0.2	-0.1
Less: Contribution of wages and salaries per hour of persons in government enterprises, unpaid family workers, and self-employed.....	0.0	0.0	0.5	0.0	-0.4	0.2	0.0	0.0
Equals: BEA-derived wages and salaries per hour of all employees in the private nonfarm sector	6.8	2.5	2.2	0.0	1.3	0.7	1.8	3.1
Less: Contribution of wages and salaries per hour of nonproduction workers in manufacturing.....	-0.1	-0.1	0.2	0.4	0.0	0.2	-0.2	0.0
Less: Other differences ²	3.1	-1.5	-1.9	-4.2	-2.5	-3.2	-1.0	0.6
Equals: BLS average hourly earnings of production or nonsupervisory workers on private nonfarm payrolls	3.8	4.1	4.0	3.8	3.8	3.8	3.0	2.5
Addendum:								
BLS estimates of compensation per hour in the nonfarm business sector ³	7.0	2.7	2.8	0.1	1.0	1.5	3.6	3.7

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 and Services and Income in the ITA's
[Billions of dollars]

	Line	2000	2001	Seasonally adjusted at annual rates					
				2001				2002	
				I	II	III	IV	I	II
Exports of goods and services and income receipts, ITA's	1	1,417.2	1,281.8	1,396.2	1,326.4	1,237.9	1,166.7	1,165.4	1,217.4
Less: Gold, ITA's.....	2	6.0	4.9	6.7	7.6	2.4	2.9	2.5	3.7
Statistical differences.....	3	0.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.4
Other items.....	4	1.2	1.0	1.2	1.1	1.0	0.8	0.9	0.9
Plus: Adjustment for grossing of parent/affiliate interest payments.....	5	6.5	6.2	6.2	6.4	6.0	5.9	4.6	5.2
Adjustment for U.S. territories and Puerto Rico.....	6	46.9	50.7	50.8	49.6	49.3	53.3	56.6	56.6
Services furnished without payment by financial intermediaries except life insurance carriers.....	7	21.1	18.3	19.0	18.4	18.0	17.8	18.6	19.8
Equals: Exports of goods and services and income receipts, NIPA's	8	1,484.5	1,351.1	1,464.3	1,392.2	1,307.8	1,240.0	1,242.2	1,294.1
Imports of goods and services and income payments, ITA's	9	1,774.1	1,625.7	1,780.6	1,675.7	1,553.8	1,492.7	1,551.1	1,685.0
Less: Gold, ITA's.....	10	5.9	4.3	6.1	6.5	2.2	2.4	2.0	3.5
Statistical differences.....	11	0.0	0.0	0.0	0.0	0.0	0.0	-1.2	0.4
Other items.....	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Plus: Gold, NIPA's.....	13	-3.2	-3.4	-3.3	-3.5	-3.6	-3.3	-3.3	-3.6
Adjustment for grossing of parent/affiliate interest payments.....	14	6.5	6.2	6.2	6.4	6.0	5.9	4.6	5.2
Adjustment for U.S. territories and Puerto Rico.....	15	34.0	35.6	30.7	36.1	36.9	38.6	30.1	37.2
Imputed interest paid to rest of world.....	16	21.1	18.3	19.0	18.4	18.0	17.8	18.6	19.8
Equals: Imports of goods and services and income payments, NIPA's	17	1,826.6	1,678.0	1,827.1	1,726.7	1,608.9	1,549.3	1,600.4	1,739.8
Balance on goods and services and income, ITA's (1-9)	18	-356.9	-343.9	-384.4	-349.3	-315.9	-326.0	-385.7	-467.6
Less: Gold (2-10+13).....	19	-3.1	-2.8	-2.7	-2.4	-3.4	-2.8	-2.8	-3.4
Statistical differences (3-11).....	20	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0
Other items (4-12).....	21	1.2	1.0	1.2	1.1	1.0	0.8	0.9	0.9
Plus: Adjustment for U.S. territories and Puerto Rico (6-15).....	22	12.9	15.1	20.1	13.5	12.4	14.7	26.5	19.4
Equals: Net exports of goods and services and net receipts of income, NIPA's (8-17)	23	-342.1	-326.9	-362.8	-334.5	-301.1	-309.3	-358.2	-445.7

1. Consists of statistical revisions in the NIPA's that have not yet been incorporated into the ITA's (2002:1) and statistical revisions in the ITA's that have not yet been incorporated into the NIPA's (2002:1-2002:11).

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, industry, international, and regional accounts. In addition, most of this information is available on BEA's Web site at <www.bea.gov>. Look under "Methodologies"; for articles from the SURVEY OF CURRENT BUSINESS, look under "Publications."

National accounts

The national accounts encompass the detailed estimates in the national income and product accounts (including gross domestic product) and the estimates of wealth and related estimates.

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) [An updated version (March 2002) is available on BEA's Web site.]

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). [Go to <www.bea.gov/bea/an/nipaguid.htm>.]

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 2002) 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 2002).

"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 GDP and Related NIPA Estimates" (January 2002) evaluates the principal NIPA 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.

Industry accounts

The industry accounts consist of the estimates of gross domestic product by industry, the input-output accounts, and two satellite accounts.

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.

Mission Statement 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, industry, regional, and international accounts are available on BEA's Web site at <www.bea.gov>. See also "BEA's Strategic Plan for 2001-2005" in the May 2002 issue of the SURVEY OF CURRENT BUSINESS.

“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)

For 1998 (December 2001)

Satellite accounts. These accounts extend the analytical capacity of the input-output accounts by focusing on a particular aspect of economic activity.

“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 (ITA's). *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 ITA's and the international investment position of the United States. These methodologies are usually updated and improved as part of the annual revisions of the ITA's.

The annual revisions of the ITA's are described in a series of articles, the latest of which is published in the July 2002 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.

“Selected Issues in the Measurement of U.S. International Services” (June 2002) describes key issues in defining and measuring insurance, wholesale and retail trade, finance, construction, and utilities services and explores possible actions to address these issues.

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, 1929–2000*.

“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, 1969–2000*.

Gross state product. “Comprehensive Revision of Gross State Product by Industry, 1977–94” (June 1997) 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.



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Gross Domestic Product, 3rd quarter 2002 (advance) Oct. 31	8:30 a.m.
Personal Income and Outlays, September 2002 Nov. 1	8:30 a.m.
U.S. International Trade in Goods and Services, September 2002* .....	... Nov. 19	8:30 a.m.
Gross Domestic Product, 3rd quarter 2002 (preliminary) and Corporate Profits, 3rd quarter 2002 (preliminary) .....	... Nov. 26	8:30 a.m.
Personal Income and Outlays, October 2002 .....	. Nov. 27	8:30 a.m.
U.S. International Transactions, 3rd quarter 2002 .....	..... Dec. 12	8:30 a.m.
U.S. International Trade in Goods and Services, October 2002*	Dec. 18	8:30 a.m.
Gross Domestic Product, 3rd quarter 2002 (final) and Corporate Profits, 3rd quarter 2002 (revised) .....	... Dec. 20	8:30 a.m.
Personal Income and Outlays, November 2002 .....	.. Dec. 23	8:30 a.m.
U.S. International Trade in Goods and Services, November 2002*	Jan. 17	8:30 a.m.
State Personal Income, 3rd quarter 2002 .....	... Jan. 24	9:00 a.m.
Gross Domestic Product, 4th quarter 2002 (advance)	Jan. 30	8:30 a.m.
Personal Income and Outlays, December 2002	Jan. 31	8:30 a.m.

* Joint release by the Bureau of the Census and the Bureau of Economic Analysis (BEA)
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