

In This Issue . . .

BEA's Preliminary Strategic Plan for 2001-2005

Annual I-O Accounts, 1998

Upcoming Changes in the 1997 Benchmark I-O Accounts



# SURVEY OF CURRENT BUSINESS

December 2001 • Volume 81 • Number 12

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The SURVEY OF CURRENT BUSINESS (ISSN 0039-6222) is published monthly by the Bureau of Economic Analysis of the U.S. Department of Commerce. Editorial correspondence should be addressed to the Editor-in-Chief, SURVEY OF CURRENT BUSINESS, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230.

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Subscription and single-copy prices

Second-class mail: \$50.00 domestic, \$62.50 foreign

First-class mail: \$95.00

Single copy: \$22.00 domestic, \$27.50 foreign

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The Secretary of Commerce has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department.

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This issue went to the printer on December 14, 2001.

It incorporates data from the following monthly BEA news releases:

U.S. International Trade in Goods and Services (November 20)  
Gross Domestic Product, (November 30), and  
Personal Income and Outlays (December 3).

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BEA has developed a preliminary strategic plan that outlines the major focus of the Bureau's work in the next several years. The principal goals consist of making BEA's economic accounts and services more responsive to customers; improving the methodologies, source data, and technologies used to prepare the national, industry, international, and regional accounts; attracting, developing, and retaining a top-notch workforce; and upgrading resource management to support these initiatives. The preliminary plan is presented here as part of BEA's effort to solicit public review and comment.

### 71 Upcoming Changes in the NAICS-Based 1997 Benchmark Input-Output Accounts

This note describes the effects of presenting the 1997 benchmark input-output accounts, which are scheduled to be released at the end of 2002, on a NAICS basis.

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### Business Situation

Real GDP declined 1.1 percent in the third quarter of 2001, according to the "preliminary" estimate, after four quarters of anemic growth. The "advance" estimate issued a month earlier had shown a 0.4-percent decline. The downward revision was primarily accounted for by a downward revision to the change in private nonfarm inventories and an upward revision to imports of goods. Corporate profits decreased \$63.1 billion (8.3 percent at a quarterly rate); about \$40 billion of the decrease reflected a reduction in the profits of insurance carriers as a result of the payment of insurance benefits associated with the terrorist attacks of September 11th. The fiscal position of the Federal Government swung sharply from a current surplus of \$186.7 billion in the second quarter to a current deficit of \$10.2 billion in the third; the downswing reflected the effects of advance refund checks sent to taxpayers in the third quarter. The State and local government current surplus decreased from \$21.3 billion to \$2.2 billion.

### 41 Annual Input-Output Accounts of the U.S. Economy, 1998

The 1998 input-output (I-O) accounts, the third annual update of the 1992 benchmark I-O accounts, present a detailed picture of how industries interact to provide input to, and take output from, each other. The 1998 estimates show the continued long-term structural shift in the economy toward the use of services and the rapid growth in the demand for fixed investment commodities, at more than twice the growth rate in the demand for all commodities. In addition, intermediate consumption of business services grew more than 12 percent in 1998, almost five times faster than the growth of intermediate consumption of all other commodities.

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### LOOKING AHEAD

**Evaluation of the GDP Estimates.** An article presenting the results of a periodic evaluation of BEA's estimates of GDP, gross domestic income, and their components will be published in a forthcoming issue of the *SURVEY*. In this article, the reliability of the estimates will be assessed by examining the record of revisions to the annual and quarterly estimates.

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# BUSINESS SITUATION

**R**EAL gross domestic product (GDP) decreased 1.1 percent (revised) in the third quarter, the weakest showing since a 2.0-percent decrease in the first quarter of 1991 (table 1 and chart 1).<sup>1</sup>

This article was prepared by Daniel Larkins and Shelly Smith, assisted by Frederick von Batchelder.

The third-quarter decline followed four quarters of anemic growth that averaged 1.2 percent, far below the 3.6-percent average growth rate over the earlier part of the just-ended expansion.

The “preliminary” estimate of a 1.1-percent decline is steeper than the 0.4-percent decline shown in last month’s “advance” estimate of the national income and product accounts (NIPAs).<sup>2</sup> Despite

this larger-than-usual revision, the preliminary and advance estimates paint pictures of the economy that are similar in broad outline and in many important details. In both estimates,

- Real GDP—a measure of domestic production of goods and services—turned down from the second to the third quarter, and the third-quarter decrease was the largest in 10 years.

- The largest contributors to the drop in GDP were exports, nonresidential fixed investment, and

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

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

2. The source data underlying the revision to GDP and its components are discussed in the section “Revisions.”

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

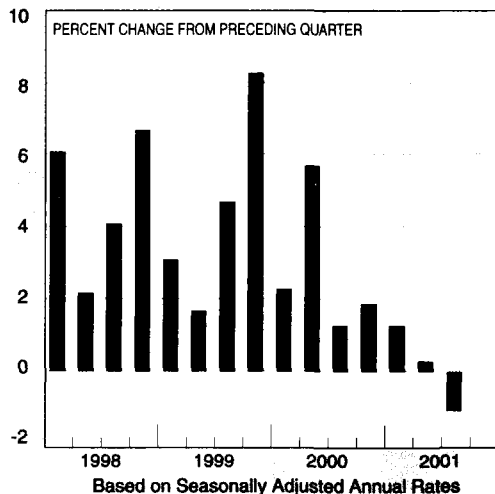
	Billions of chained (1996) dollars					Percent change from preceding quarter			
	Level		Change from preceding quarter			Percent change from preceding quarter			
	2001	2000	2001			2000	2001		
	III	IV	I	II	III	IV	I	II	III
<b>Gross domestic product</b> .....	<b>9,316.8</b>	<b>43.8</b>	<b>30.6</b>	<b>7.2</b>	<b>-24.9</b>	<b>1.9</b>	<b>1.3</b>	<b>0.3</b>	<b>-1.1</b>
Less: Exports of goods and services.....	1,055.5	-11.8	-3.4	-35.8	-52.8	-4.0	-1.2	-11.9	-17.7
Plus: Imports of goods and services.....	1,463.7	-2.1	-19.9	-33.6	-51.3	-0.5	-5.0	-8.4	-12.9
<b>Equals: Gross domestic purchases</b> .....	<b>9,699.1</b>	<b>52.9</b>	<b>16.0</b>	<b>10.0</b>	<b>-21.3</b>	<b>2.2</b>	<b>0.7</b>	<b>0.4</b>	<b>-0.9</b>
Less: Change in private inventories.....	-60.1	-8.9	-69.9	-11.2	-21.8	.....	.....	.....	.....
<b>Equals: Final sales to domestic purchasers</b> .....	<b>9,739.9</b>	<b>64.6</b>	<b>76.7</b>	<b>19.9</b>	<b>-3.8</b>	<b>2.7</b>	<b>3.2</b>	<b>0.8</b>	<b>-0.2</b>
Personal consumption expenditures....	6,446.5	49.0	47.4	39.9	18.1	3.1	3.0	2.5	1.1
Durable goods.....	939.8	-4.7	23.0	15.7	1.7	-2.1	10.6	7.0	0.7
Nondurable goods.....	1,881.8	2.7	11.2	1.4	2.4	0.6	2.4	0.3	0.5
Services.....	3,643.5	48.6	16.3	24.7	13.7	5.6	1.8	2.8	1.5
Private fixed investment.....	1,668.9	2.0	8.2	-43.9	-27.5	0.5	1.9	-9.7	-6.3
Nonresidential.....	1,289.1	3.4	-0.6	-53.0	-31.8	1.0	-0.2	-14.6	-9.3
Structures.....	275.5	5.1	8.4	-9.4	-6.8	7.6	12.3	-12.2	-9.2
Equipment and software.....	1,018.1	-3.0	-11.6	-44.5	-25.1	-1.1	-4.1	-15.4	-9.3
Residential.....	380.6	-1.0	7.6	5.4	2.3	-1.1	8.5	5.9	2.5
Government consumption expenditures and gross investment	1,626.2	12.8	20.6	19.6	3.2	3.3	5.3	5.0	0.8
Federal.....	558.4	6.1	4.3	2.5	3.7	4.6	3.2	1.8	2.7
National defense.....	364.7	8.7	6.5	2.1	2.3	10.5	7.5	2.3	2.6
Nondefense.....	193.6	-2.5	-2.2	0.5	1.3	-5.1	-4.3	0.9	2.8
State and local.....	1,067.0	6.7	16.2	16.9	-0.4	2.7	6.4	6.6	-0.1
<b>Addendum: Final sales of domestic product</b> .....	<b>9,357.4</b>	<b>55.4</b>	<b>91.1</b>	<b>17.0</b>	<b>-7.4</b>	<b>2.4</b>	<b>4.0</b>	<b>0.7</b>	<b>-0.3</b>

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

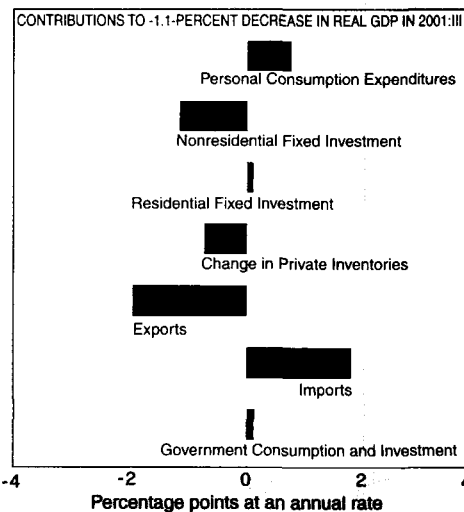
**CHART 1**

## Real Gross Domestic Product

Percent



Based on Seasonally Adjusted Annual Rates



U.S. Bureau of Economic Analysis

inventory investment. The main offset to these decreases was an increase in consumer spending (table 2).<sup>3</sup> Imports, which are subtracted in the calculation of GDP, decreased.

3. In the NIPA's, consumer spending is shown as personal consumption expenditures, government spending is shown as government consumption expenditures and gross investment, and inventory investment is shown as change in private inventories.

### Adjustments for the Terrorist Attacks of September 11<sup>th</sup>

The economic effects of the September 11th attacks are captured in the national income and product account estimates for the third quarter.<sup>1</sup> Most of these effects are reflected in the regularly incorporated source data; for certain components of GDP and gross domestic income, BEA prepared adjustments for the effects that were not captured in the source data. These adjustments were revised slightly for the preliminary estimate (see the accompanying table).

1. See the box "The Terrorist Attacks of September 11th as Reflected in the National Income and Product Accounts," SURVEY OF CURRENT BUSINESS 81 (November 2001): 2-3.

### Adjustments to the NIPA's for the Impact of the September 11<sup>th</sup> Terrorist Attacks Not Captured by Regular Source Data, 2001:III

[Billions of dollars at annual rates]

	Adjustment
<b>Product side:</b>	
Personal consumption expenditures <sup>1</sup> .....	-20.6
Insurance <sup>2</sup> .....	-19.9
Motor vehicle insurance.....	-0.1
Homeowners insurance.....	-2.2
Workers' compensation.....	-7.1
Expense of handling life insurance and pension plans.....	-10.5
Other services.....	-0.7
Net exports.....	44.0
Imports of services <sup>3</sup> .....	-44.0
Government consumption expenditures and gross investment.....	0
State and local compensation.....	0.8
State and local general government insurance <sup>4</sup> .....	-0.8
<b>Income side:</b>	
Wages and salaries.....	-2.5
Private.....	-3.3
State and local government.....	0.8
Proprietors' income with IVA and CCAAdj.....	0
Consumption of fixed capital.....	-2.2
Insurance benefits received.....	2.2
Corporate profits with IVA and CCAAdj <sup>5</sup> .....	-38.8
Consumption of fixed capital.....	-53.8
Insurance benefits received.....	53.8
Benefits paid by insurance companies.....	-82.8
Payments received from foreign reinsurers.....	44.0
Consumption of fixed capital, total.....	62.1
Private.....	56.0
Government enterprises.....	6.1
Surplus of government enterprises.....	0
Consumption of fixed capital.....	-6.1
Insurance benefits received.....	6.1

<sup>1</sup> Revised

<sup>2</sup> These adjustments affect current-dollar estimates and prices; they do not affect real GDP (see the box "The Terrorist Attacks of September 11th as Reflected in the National Income and Product Accounts," SURVEY OF CURRENT BUSINESS 81 (November 2001): 2-3.

IVA Inventory valuation adjustment  
CCAAdj Capital consumption adjustment

• The swing from positive to negative growth in GDP reflected weakening consumer spending, State and local government spending, and exports. The developments in these components were partly offset by nonresidential fixed investment, which decreased less than in the second quarter. Imports decreased much more than in the second quarter.

• By type of product, decreases in the production of goods and structures were only partly offset by an increase in the production of services (table 3).

• Private inventories were liquidated for the third consecutive quarter.

• Real final sales of computers decreased less than in the second quarter, and real motor vehicle output slowed.

• Real gross domestic purchases—a measure of domestic demand for goods and services regardless of where they are produced—decreased for the first time since 1991.<sup>4</sup>

4. Gross domestic purchases is calculated as the sum of personal consumption expenditures, gross private domestic investment, and government consumption expenditures and gross investment; thus, it includes imports of goods and services, which are subtracted in the calculation of GDP, and excludes exports of goods and services, which are added in the calculation of GDP.

**Table 2.—Contributions to Percent Change in Real Gross Domestic Product**  
[Seasonally adjusted at annual rates]

	2001			
	IV	I	II	III
<b>Percent change at annual rate:</b>				
Gross domestic product.....	1.9	1.3	0.3	-1.1
<b>Percentage points at annual rates:</b>				
Personal consumption expenditures.....	2.14	2.05	1.72	0.78
Durable goods.....	-0.17	0.83	0.56	0.06
Nondurable goods.....	0.12	0.49	0.06	0.11
Services.....	2.19	0.73	1.10	0.61
Gross private domestic investment.....	-0.42	-2.28	-2.16	-1.83
Fixed investment.....	0.09	0.33	-1.74	-1.08
Nonresidential.....	0.13	-0.02	-1.99	-1.19
Structures.....	0.24	0.39	-0.44	-0.32
Equipment and software.....	-0.11	-0.41	-1.55	-0.87
Residential.....	-0.05	0.35	0.25	0.11
Change in private inventories.....	-0.50	-2.61	-0.42	-0.75
Net exports of goods and services.....	-0.39	0.63	-0.12	-0.16
Exports.....	-0.46	-0.13	-1.37	-2.01
Goods.....	-0.58	-0.19	-1.45	-1.55
Services.....	0.12	0.06	0.08	-0.45
Imports.....	0.07	0.76	1.25	1.85
Goods.....	0.07	0.87	1.21	1.17
Services.....	0	-0.11	0.05	0.68
Government consumption expenditures and gross investment.....	0.58	0.92	0.87	0.14
Federal.....	0.27	0.19	0.11	0.16
National defense.....	0.38	0.28	0.09	0.10
Nondefense.....	-0.11	-0.09	0.02	0.06
State and local.....	0.31	0.73	0.76	-0.02

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.

● The price index for gross domestic purchases decreased slightly after increasing. The downturn partly reflected the NIPA treatment of insurance benefits related to the terrorist attacks.

● The personal saving rate and the rate of growth of real disposable personal income jumped sharply. Both movements reflected taxpayer

refunds under the Economic Growth and Tax Relief Reconciliation Act of 2001.<sup>5</sup>

5. The personal saving rate is measured as personal saving as a percentage of current-dollar disposable personal income. The *national* saving rate is measured as gross saving as a percentage of gross national product; it is not available at the time of the advance estimate. In the third quarter, this rate decreased to 17.1 percent from 17.2 percent.

**Table 3.—Real Gross Domestic Product by Type of Product**  
[Seasonally adjusted at annual rates]

	Billions of chained (1996) dollars					Percent change from preceding quarter			
	Level	Change from preceding quarter							
	2001	2000	2001			2000	2001		
	III	IV	I	II	III	IV	I	II	III
<b>Gross domestic product</b> .....	<b>9,316.8</b>	<b>43.8</b>	<b>30.6</b>	<b>7.2</b>	<b>-24.9</b>	<b>1.9</b>	<b>1.3</b>	<b>0.3</b>	<b>-1.1</b>
Goods.....	3,629.7	-22.6	-24.1	-34.0	-42.5	-2.4	-2.6	-3.6	-4.6
Services .....	4,875.6	57.4	26.2	32.3	27.2	4.9	2.2	2.7	2.3
Structures .....	808.5	4.4	23.3	4.2	-13.3	2.2	12.3	2.0	-6.3
<b>Addenda:</b>									
Motor vehicle output.....	340.8	-19.1	-15.0	18.0	4.7	-19.9	-16.9	24.7	5.8
Gross domestic product									
less motor vehicle output.....	8,975.8	61.3	44.2	-9.1	-29.1	2.8	2.0	-0.4	-1.3
Final sales of computers.....						30.0	9.0	-26.5	-9.4
Gross domestic product									
less final sales of computers .....						1.6	1.2	0.6	-1.0

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

Personal Consumption Expenditures, next page

### Personal Consumption Expenditures

Real personal consumption expenditures (PCE) increased 1.1 percent, less than half as much as in the second quarter and its smallest increase since the first quarter of 1993 and (table 4 and chart 2). Durable goods and services accounted for the deceleration; nondurable goods, in contrast, increased a little more than in the second quarter.

Expenditures for durable goods increased 0.7 percent after increasing 7.0 percent. Motor vehicles and parts turned down, primarily reflecting a downturn in net purchases of used autos. Furniture and household equipment increased only a

third as much as in the second quarter, and "other" durable goods decreased after increasing.

Expenditures for services increased 1.5 percent after increasing 2.8 percent. A sharp deceleration in "other" services was more than accounted for by downturns in foreign travel by U.S. residents and in brokerage and investment counseling. Transportation, medical care, and recreation also contributed to the slowdown in services.

Expenditures for nondurable goods increased 0.5 percent after increasing 0.3 percent. The small step-up was more than accounted for by an upturn

**Table 4.—Real Personal Consumption Expenditures**  
[Seasonally adjusted at annual rates]

	Billions of chained (1996) dollars					Percent change from preceding quarter			
	Level	Change from preceding quarter				2000	2001		
		2001	2000	2001			IV	I	II
	III	IV	I	II	III	IV	I	II	III
<b>Personal consumption expenditures</b> .....	<b>6,446.5</b>	<b>49.0</b>	<b>47.4</b>	<b>39.9</b>	<b>18.1</b>	<b>3.1</b>	<b>3.0</b>	<b>2.5</b>	<b>1.1</b>
Durable goods.....	939.8	-4.7	23.0	15.7	1.7	-2.1	10.6	7.0	0.7
Motor vehicles and parts.....	361.3	-7.3	13.1	4.9	-0.6	-8.1	16.1	5.6	-0.6
Of which:									
New autos.....	102.1	-1.2	4.1	-3.0	-2.5	-4.4	16.6	-10.7	-9.2
New light trucks.....	127.4	-2.7	7.4	4.2	4.3	-9.2	29.5	14.9	14.7
Furniture and household equipment.....	403.6	2.5	7.2	9.5	3.1	2.7	7.7	10.0	3.2
Other <sup>1</sup> .....	179.1	1.1	2.1	2.0	-0.4	2.4	5.0	4.6	-0.8
Nondurable goods.....	1,881.8	2.7	11.2	1.4	2.4	0.6	2.4	0.3	0.5
Food.....	884.1	0.2	0.9	-1.2	-2.0	0.1	0.4	-0.5	-0.9
Clothing and shoes.....	344.7	0.1	2.8	1.4	0.6	0.2	3.3	1.8	0.6
Gasoline, fuel oil, and other energy goods.....	152.0	-0.6	1.7	-2.5	1.9	-1.7	4.7	-6.5	5.4
Other <sup>2</sup> .....	503.1	3.0	5.9	4.1	1.7	2.5	4.9	3.4	1.3
Services.....	3,643.5	48.6	16.3	24.7	13.7	5.6	1.8	2.8	1.5
Housing.....	868.4	4.7	4.7	3.6	3.5	2.2	2.2	1.7	1.6
Household operation.....	389.1	13.6	-1.1	-5.3	2.1	15.1	-1.0	-5.3	2.2
Electricity and gas.....	135.1	8.6	-4.3	-5.1	0.1	27.8	-11.2	-13.8	0.3
Other household operation.....	254.7	4.8	3.6	0.4	2.0	8.1	6.0	0.5	3.3
Transportation.....	252.0	2.1	0.6	-0.2	-2.2	3.4	1.0	-0.4	-3.5
Medical care.....	940.7	8.1	6.6	10.5	8.6	3.6	2.9	4.6	3.7
Recreation.....	231.4	1.3	3.7	0.6	-1.4	2.4	6.5	1.0	-2.4
Other <sup>3</sup> .....	961.0	19.2	1.5	14.9	3.3	8.6	0.6	6.5	1.4

1. Includes jewelry and watches, ophthalmic products and orthopedic equipment, books and maps, bicycles and motorcycles, guns and sporting equipment, photographic equipment, boats, and pleasure aircraft.

2. Includes tobacco, toilet articles, drug preparations and sundries, stationery and writing supplies, toys, film, flowers, cleaning preparations and paper products, semidurable house furnishings, and magazines and newspapers.

3. Includes personal care, personal business, education and research, religious and welfare activities, and net foreign travel.

NOTE.—See note to table 1 for an explanation of chained (1996) dollar series. Chained (1996) dollar levels and residuals are shown in NIPA tables 2.3 and 8.9B (motor vehicles). Percent changes in major aggregates are shown in NIPA table S.1.



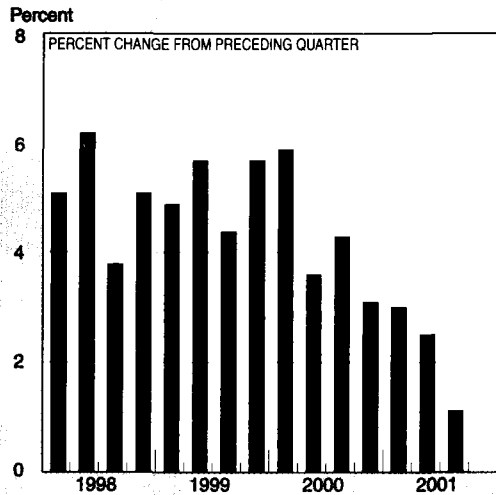
in energy products. Food decreased more than in the second quarter, while clothing and shoes and "other" nondurable goods slowed.

Several factors frequently considered in the analysis of consumer spending became less favorable in the third quarter (chart 3). The unemployment rate increased for the third consecutive

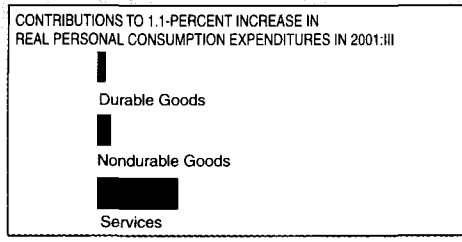
quarter, reaching 4.8 percent, the highest rate since 1997. The Index of Consumer Sentiment (prepared by the University of Michigan's Survey Center) decreased for the sixth consecutive quarter. In contrast, real disposable personal income jumped, reflecting tax refunds under the Economic Growth and Tax Relief Reconciliation Act of 2001.

**CHART 2**

**Real Personal Consumption Expenditures**



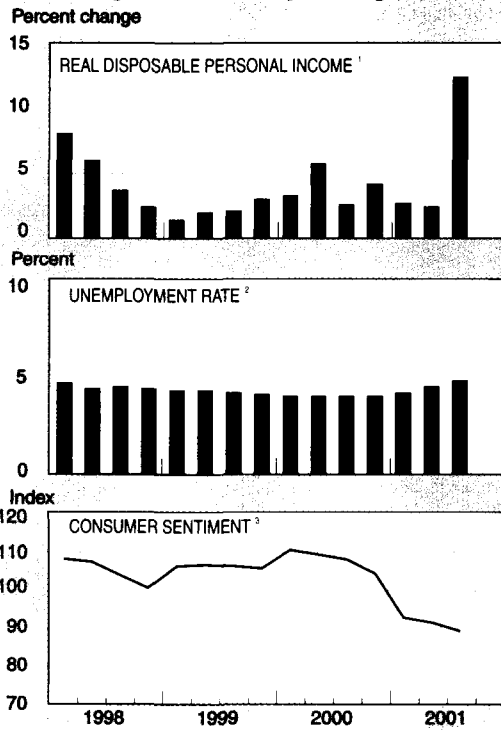
Based on Seasonally Adjusted Annual Rates



U.S. Bureau of Economic Analysis

**CHART 3**

**Selected Factors Affecting Consumer Spending**



1. Based on seasonally adjusted annual rates.  
 2. All civilian workers, seasonally adjusted. Data: U.S. Department of Labor, Bureau of Labor Statistics  
 3. Data: University of Michigan's Survey Research Center

U.S. Bureau of Economic Analysis

Private Fixed Investment, next page

### Private Fixed Investment

Real private fixed investment decreased in the third quarter, but not as much as in the second quarter; the back-to-back decreases were the first since 1991 (table 5 and chart 4). Nonresidential investment decreased less than in the second quarter. Residential investment slowed.

*Nonresidential fixed investment.*—Real private nonresidential fixed investment decreased 9.3 percent after decreasing 14.6 percent. Spending on equipment and software and spending on structures both decreased less than in the second quarter.

Computers and “other” information processing equipment fell less than in the second quarter, and software increased slightly after a decline. Transportation equipment also decreased less than in the second quarter, reflecting an upturn in aircraft.

Nonresidential buildings and public utilities both decreased more than in the second quarter,

and mining exploration, shafts and wells turned down. In contrast, “other” structures turned up sharply. The upturn reflected the lease of properties by the Port Authority of New York to private corporations.<sup>6</sup>

The investment climate has generally been unfavorable in recent quarters. Profits of domestic corporations and the capacity utilization rate in manufacturing, mining, and utilities have decreased for five consecutive quarters, and real final sales of domestic product has faltered.<sup>7</sup> Long-term interest rates have trended down, but only modestly; for example, the yield on high-grade corpo-

6. In July 2001, the Port Authority leased properties at the World Trade Center to two private corporations. In the NIPAs, this lease was treated as the sale of an asset. As a result, net purchases of used structures increased \$12.8 billion (in current dollars at an annual rate). (The structures component of State and local government gross investment decreased by the same amount; thus, the lease transaction did not affect the level of GDP.)

7. The growth of real final sales has averaged 1.8 percent over the last five quarters; it averaged 3.5 percent over the first 37 quarters of the most recent expansion.

**Table 5.—Real Private Fixed Investment**  
[Seasonally adjusted at annual rates]

	Billions of chained (1996) dollars					Percent change from preceding quarter			
	Level	Change from preceding quarter							
	2001	2000	2001			2000	2001		
	III	IV	I	II	III	IV	I	II	III
<b>Private fixed investment</b> .....	<b>1,668.9</b>	<b>2.0</b>	<b>8.2</b>	<b>-43.9</b>	<b>-27.5</b>	<b>0.5</b>	<b>1.9</b>	<b>-9.7</b>	<b>-6.3</b>
<b>Nonresidential</b> .....	<b>1,289.1</b>	<b>3.4</b>	<b>-0.6</b>	<b>-53.0</b>	<b>-31.8</b>	<b>1.0</b>	<b>-0.2</b>	<b>-14.6</b>	<b>-9.3</b>
Structures .....	275.5	5.1	8.4	-9.4	-6.8	7.6	12.3	-12.2	-9.2
Nonresidential buildings, including farm .....	179.3	1.6	2.9	-10.4	-12.3	3.2	5.9	-19.0	-23.2
Utilities .....	50.1	4.5	2.6	-1.1	-4.9	42.7	20.6	-7.6	-31.3
Mining exploration, shafts, and wells .....	30.0	-0.5	3.5	2.1	-0.4	-7.5	68.1	33.7	-5.3
Other structures .....	17.0	-0.1	-0.7	-0.4	11.1	-6.3	-33.1	-21.4	(1)
<b>Equipment and software</b> .....	<b>1,018.1</b>	<b>-3.0</b>	<b>-11.6</b>	<b>-44.5</b>	<b>-25.1</b>	<b>-1.1</b>	<b>-4.1</b>	<b>-15.4</b>	<b>-9.3</b>
Information processing equipment and software .....	570.8	20.8	-20.9	-32.8	-17.3	14.1	-12.4	-19.5	-11.3
Computers and peripheral equipment <sup>2</sup> .....	266.5	12.4	-3.2	-27.1	-20.8	17.1	-3.9	-30.3	-25.9
Software <sup>3</sup> .....	192.0	6.3	-3.1	-1.8	0.9	14.0	-6.3	-3.7	2.0
Other .....	158.0	5.5	-12.4	-14.9	-7.9	12.2	-23.3	-29.1	-17.7
Industrial equipment .....	151.3	0.5	5.1	-9.5	-9.9	1.4	12.9	-20.5	-22.5
Transportation equipment .....	173.7	-17.0	1.2	-3.0	-0.7	-30.8	2.8	-6.6	-1.5
Of which: Motor vehicles .....	133.6	-16.7	2.0	-1.3	-6.9	-36.3	5.7	-3.6	-18.2
Other .....	142.3	-1.7	-1.1	-2.2	1.2	-4.7	-3.0	-6.0	3.6
<b>Residential</b> .....	<b>380.6</b>	<b>-1.0</b>	<b>7.6</b>	<b>5.4</b>	<b>2.3</b>	<b>-1.1</b>	<b>8.5</b>	<b>5.9</b>	<b>2.5</b>
Structures .....	371.0	-1.0	7.5	5.3	2.4	-1.2	8.7	6.0	2.6
Single-family .....	193.6	-1.2	6.1	1.7	0.8	-2.6	13.9	3.5	1.7
Multifamily .....	24.5	0.7	1.1	0.9	0.3	13.8	20.2	18.2	4.3
Other structures <sup>4</sup> .....	152.9	-0.6	0.3	2.6	1.3	-1.5	0.6	7.3	3.4
Equipment .....	9.7	0	0.1	0	0	2.1	0.7	2.8	-3.2

1. The percent change is not calculated for the third quarter of 2001: as a result of the leasing of properties described in footnote 6 of the text, the percent change calculation is of little value.

2. Includes new computers and peripheral equipment only.

3. Excludes software “embedded,” or bundled, in computers and other equipment.

4. Includes home improvements, new manufactured home sales, brokers’ commissions on home sales, net purchases of used structures, and other residential structures (which consists primarily of dormitories and of fraternity and sorority houses).

Note.—See note to table 1 for an explanation of chained (1996) dollar series. Chained (1996) dollar levels and residuals are shown in NIPA tables 5.5 and 8.9B (motor vehicles). Percent changes in major aggregates are shown in NIPA table S.1.

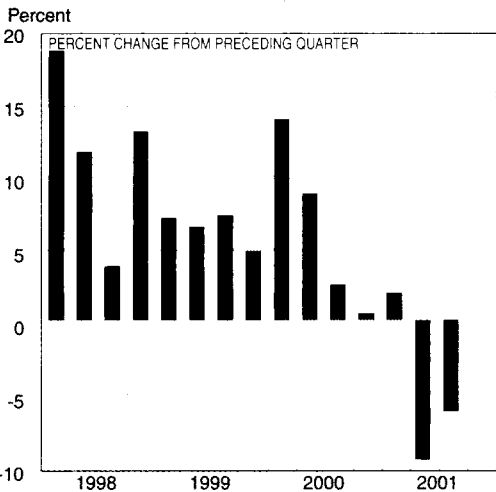
rate bonds decreased from 7.75 percent in June 2000 to 6.83 percent in September 2001 (chart 5).

down in improvements; in contrast, sales of manufactured homes turned up.

*Residential investment.*—Real private residential investment increased 2.5 percent—less than half its increase in the second quarter (table 5 and chart 4). Single-family structures, multifamily structures, and “other” structures all slowed. The slowdown in “other” structures reflected a downturn in brokers’ commissions on home sales and a slow-

**CHART 4**

**Real Private Fixed Investment**



Based on Seasonally Adjusted Annual Rates

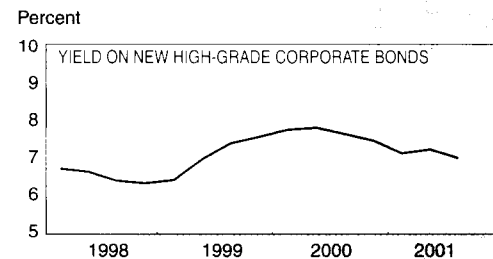
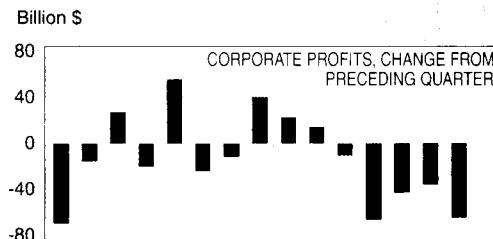
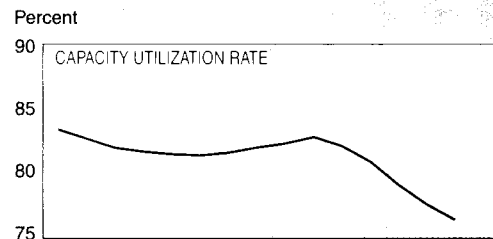


Percentage points at an annual rate

U.S. Bureau of Economic Analysis

**CHART 5**

**Selected Factors Affecting Nonresidential Investment**



1. All industries. Data: Federal Reserve Board  
 2. Domestic industries.  
 3. Data: U.S. Treasury Department  
 U.S. Bureau of Economic Analysis

Inventory Investment, next page

### Inventory Investment

Real inventory stocks decreased \$60.1 billion in the third quarter after decreasing \$38.3 billion in the second (table 6 and chart 6). The larger decrease in the third quarter than in the second subtracted 0.75 percentage point from third-quarter GDP growth; in the second quarter, inventory investment had subtracted 0.42 percentage point.

The third-quarter decrease in inventory investment was dominated by wholesale trade inventories, which decreased \$17.4 billion after increasing \$2.6 billion, and by manufacturing inventories, which decreased \$47.2 billion after decreasing \$35.6 billion.

In wholesale trade, durable-goods inventories decreased twice as much as in the second quarter, partly reflecting a swing from accumulation to liquidation in inventories of computer equipment and software. Accumulation of nondurable-goods inventories slowed, partly reflecting swings to liquidation in apparel and in grocery inventories.

Inventories of durable-goods manufacturers decreased considerably more than in the second quarter, mainly reflecting a stepped-up pace of liquidation of computer inventories. Inventories of nondurable-goods manufacturers decreased a little less than in the second quarter despite a swing from accumulation to liquidation in food inventories.

Retail trade inventories increased a little after decreasing. Inventories of motor vehicle dealers were the most important contributor to the upswing.

Farm inventories decreased a little more than in the second quarter, reflecting a steeper decline in crop inventories. Livestock inventories turned up.

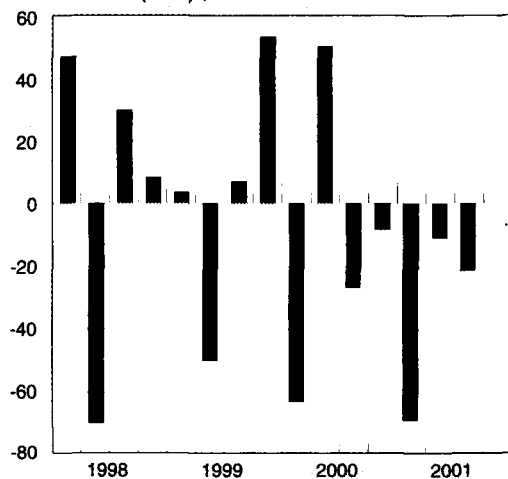
The ratio of real private nonfarm inventories to final sales of goods and structures decreased to 3.66 from 3.67 (see NIPA table 5.13). A ratio that includes all final sales of domestic businesses decreased to 2.06 from 2.08.<sup>8</sup> Both ratios are at their lowest levels in 35 years.

8. Using the ratio that includes all final sales of domestic businesses in the denominator implies that the production of services results in a demand for inventories that is similar to that generated in the production of goods and structures. In contrast, using the "goods and structures" ratio implies that the production of services does not generate demand for inventories. Both implications are extreme. Production of some services may require substantial inventories, while production of other services may not.

#### CHART 6

### Real Private Inventory Investment: Change from Preceding Quarter

Billion chained (1996) \$



Based on Seasonally Adjusted Annual Rates

U.S. Bureau of Economic Analysis

**Table 6.—Real Change in Private Inventories**  
[Billions of chained (1996) dollars: seasonally adjusted at annual rates]

	Level					Change from preceding quarter				
	2000		2001			2000		2001		
	III	IV	I	II	III	IV	I	II	III	
<b>Change in private inventories</b> .....	<b>51.7</b>	<b>42.8</b>	<b>-27.1</b>	<b>-38.3</b>	<b>-60.1</b>	<b>-8.9</b>	<b>-69.9</b>	<b>-11.2</b>	<b>-21.8</b>	
Farm.....	-5.4	3.0	0.2	-2.5	-2.9	8.4	-2.8	-2.7	-0.4	
Construction, mining, and utilities.....	0.1	-6.8	1.9	6.8	3.0	-6.9	8.7	4.9	-3.8	
Manufacturing.....	12.0	12.9	-15.0	-35.6	-47.2	0.9	-27.9	-20.6	-11.6	
Durable goods industries.....	10.8	17.9	-10.5	-25.3	-39.0	7.1	-28.4	-14.8	-13.7	
Nondurable goods industries.....	1.3	-4.4	-4.5	-10.2	-8.3	-5.7	-0.1	-5.7	1.9	
Wholesale trade.....	18.2	12.5	-3.0	2.6	-17.4	-5.7	-15.5	5.6	-20.0	
Durable goods industries.....	10.2	5.5	-3.7	-11.6	-23.1	-4.7	-9.2	-7.9	-11.5	
Nondurable goods industries.....	8.0	6.8	0.6	12.8	4.4	-1.2	-6.2	12.2	-8.4	
Retail trade.....	18.7	19.3	-15.3	-13.2	1.0	0.6	-34.6	2.1	14.2	
Of which: Motor vehicle dealers.....	10.4	8.4	-19.6	-5.6	1.7	-2.0	-28.0	14.0	7.3	
Other industries.....	7.7	2.8	3.6	1.2	0.7	-4.9	0.8	-2.4	-0.5	
<b>Addenda:</b>										
Motor vehicles.....	4.1	6.4	-22.6	-8.3	3.2	2.3	-29.0	14.3	11.5	
Autos.....	6.7	2.5	-9.5	-4.2	2.4	-4.2	-12.0	5.3	6.6	
Trucks.....	-1.9	3.6	-12.1	-3.8	0.9	5.5	-15.7	8.3	4.7	

1. Includes inventories held by establishments in the following industries: Transportation; communication; finance, insurance, and real estate; and services.

Note.—See note to table 1 for an explanation of chained (1996) dollar series. Chained (1996) dollar levels and residuals are shown in NIPA tables 5.11B and 8.9B (motor vehicles).

### Exports and Imports

Real exports and real imports declined sharply; for each, it was the fourth consecutive quarterly decline.

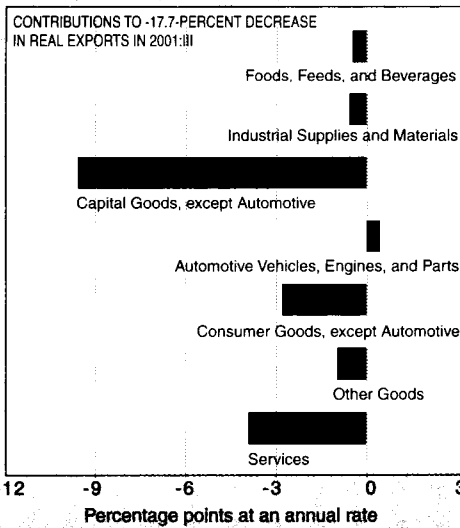
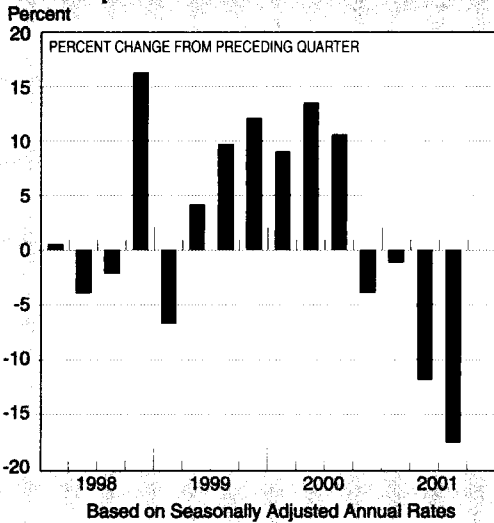
Exports and imports of goods both decreased about as much as they had in the second quarter (table 7 and charts 7 and 8). In exports, smaller decreases in nonautomotive capital goods and in industrial supplies and materials were largely offset by a slowdown in autos and by bigger decreases in

nonautomotive consumer goods and in “other” exports. In imports, nonautomotive capital goods decreased much less than in the second quarter, but most other major categories were weaker than in the second quarter; for example, petroleum imports decreased after increasing slightly.

Exports of services turned down sharply, and imports of services dropped much more than in the second quarter. In both exports and imports,

**CHART 7**

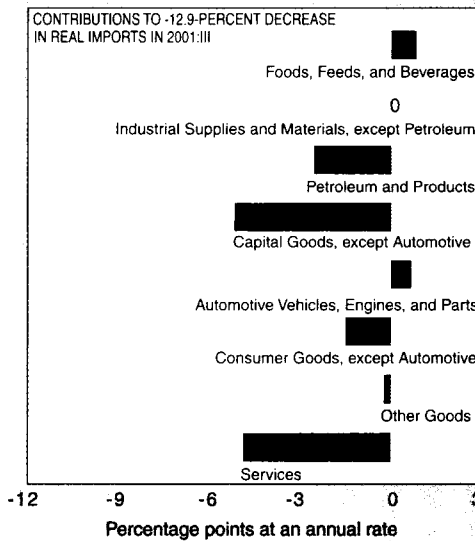
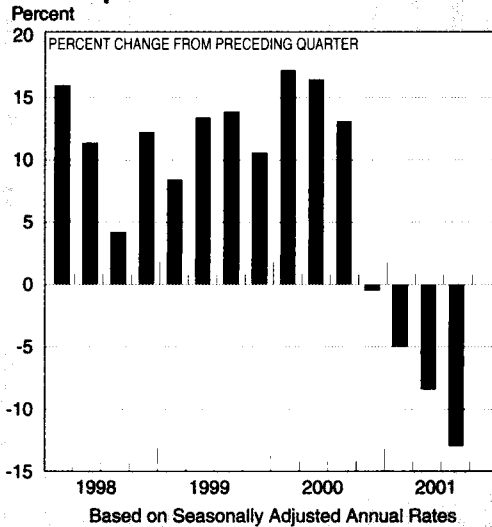
#### Real Exports



U.S. Bureau of Economic Analysis

**CHART 8**

#### Real Imports



U.S. Bureau of Economic Analysis

travel and passenger fees were the major contributors; the percentage decreases in these items were

comparable to the decreases in the first quarter of 1991 during the Gulf War.

**Table 7.—Real Exports and Imports of Goods and Services**  
[Seasonally adjusted at annual rates]

	Billions of chained (1996) dollars					Percent change from preceding quarter			
	Level	Change from preceding quarter							
	2001	2000	2001			2000	2001		
	III	IV	I	II	III	IV	I	II	III
<b>Exports of goods and services</b> .....	<b>1,055.5</b>	<b>-11.8</b>	<b>-3.4</b>	<b>-36.8</b>	<b>-52.8</b>	<b>-4.0</b>	<b>-1.2</b>	<b>-11.9</b>	<b>-17.7</b>
Exports of goods <sup>1</sup> .....	762.7	-15.3	-5.1	-39.2	-42.5	-6.9	-2.4	-17.3	-19.5
Foods, feeds, and beverages .....	59.4	-3.2	2.3	-1.0	-1.7	-18.8	15.9	-6.0	-11.1
Industrial supplies and materials .....	160.6	-0.5	-3.4	-6.0	-2.1	-1.1	-7.8	-13.5	-5.1
Capital goods, except automotive .....	337.9	-9.3	0.9	-37.9	-29.4	-8.7	0.8	-32.4	-28.4
Automotive vehicles, engines, and parts .....	75.1	-3.2	-5.4	4.2	0.9	-15.7	-25.6	26.4	5.0
Consumer goods, except automotive .....	85.6	-1.5	3.4	-0.2	-7.7	-6.2	16.1	-0.8	-29.3
Other .....	44.2	1.9	-1.9	-0.1	-2.8	17.0	-14.5	-0.8	-22.2
Exports of services <sup>1</sup> .....	292.8	2.7	1.3	1.8	-10.8	3.7	1.8	2.4	-13.5
<b>Imports of goods and services</b> .....	<b>1,463.7</b>	<b>-2.1</b>	<b>-19.9</b>	<b>-33.6</b>	<b>-51.3</b>	<b>-0.5</b>	<b>-5.0</b>	<b>-8.4</b>	<b>-12.9</b>
Imports of goods <sup>1</sup> .....	1,257.6	-2.1	-23.1	-32.7	-32.5	-0.6	-6.7	-9.5	-9.7
Foods, feeds, and beverages .....	53.7	-0.2	-0.7	0.9	3.1	-1.2	-5.4	6.8	27.3
Industrial supplies and materials, except petroleum and products .....	166.2	-2.2	-2.2	1.5	-0.3	-5.1	-5.1	3.6	-0.7
Petroleum and products .....	84.8	-1.8	5.4	0.9	-7.4	-7.7	27.1	4.3	-28.6
Capital goods, except automotive .....	375.4	2.4	-13.5	-56.2	-25.0	2.1	-11.0	-40.9	-22.7
Automotive vehicles, engines, and parts .....	190.2	-5.2	-6.1	4.9	1.9	-10.4	-12.1	10.9	4.2
Consumer goods, except automotive .....	294.7	7.5	-0.8	-4.7	-6.0	10.5	-1.1	-6.0	-7.8
Other .....	84.2	-0.5	-9.0	7.6	-1.0	-2.2	-35.5	45.1	-4.4
Imports of services <sup>1</sup> .....	207.1	0.1	2.7	-1.2	-19.1	0	4.9	-2.0	-29.8

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services.

Note.—See note to table 1 for an explanation of chained (1996) dollar series. Chained (1996) dollar levels and residuals are shown in NIPA table 4.4. Percent changes in major aggregates are shown in NIPA table S.1.

### Government Spending

Government spending increased 0.8 percent in the third quarter after increasing 5.0 percent in the second. Federal Government spending increased more than in the second quarter, but State and local government spending changed little after increasing (table 8 and chart 9).

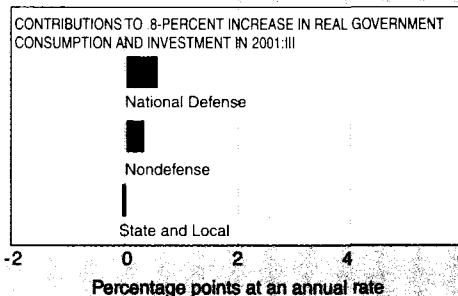
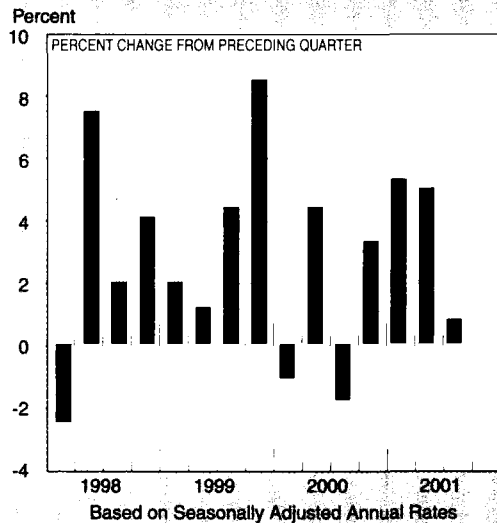
Federal defense spending increased about as much as in the second quarter. Consumption expenditures accelerated, mainly reflecting an upturn in research and development and step-ups in employee compensation and in expenditures for aircraft; these developments were partly offset by a downturn in purchases of nondurable goods. Gross investment changed little after increasing; the deceleration mainly reflected a slowdown in equipment and software.

Federal nondefense spending accelerated; an upturn in gross investment more than offset a downturn in consumption expenditures. In investment, equipment and software stepped up, and structures increased slightly after decreasing. In consumption, services other than compensation of Government employees turned down.

State and local government spending dipped slightly after increasing. An increase in consumption expenditures was more than offset by a drop in gross investment that reflected the sale of the World Trade Center (see footnote 6).

**CHART 9**

### Real Government Consumption and Investment



U.S. Bureau of Economic Analysis

**Table 8.—Real Government Consumption Expenditures and Gross Investment**  
[Seasonally adjusted at annual rates]

	Billions of chained (1996) dollars					Percent change from preceding quarter			
	Level	Change from preceding quarter				Percent change from preceding quarter			
	2001	2000	2001			2000	2001		
	III	IV	I	II	III	IV	I	II	III
<b>Government consumption expenditures and gross investment<sup>1</sup></b>	<b>1,626.2</b>	<b>12.8</b>	<b>20.6</b>	<b>19.6</b>	<b>3.2</b>	<b>3.3</b>	<b>5.3</b>	<b>5.0</b>	<b>0.8</b>
Federal	558.4	6.1	4.3	2.5	3.7	4.6	3.2	1.8	2.7
National defense	364.7	8.7	6.5	2.1	2.3	10.5	7.5	2.3	2.6
Consumption expenditures	306.9	3.0	8.4	0.2	2.3	4.2	11.8	0.2	3.1
Gross investment	58.2	6.2	-2.3	2.1	0	56.4	-14.6	16.0	-0.3
Nondefense	193.6	-2.5	-2.2	0.5	1.3	-5.1	-4.3	0.9	2.8
Consumption expenditures	149.4	-2.9	-2.3	0.5	-0.6	-7.3	-5.9	1.4	-1.5
Gross investment	44.9	0.4	0.3	-0.1	2.1	4.6	2.1	-0.7	21.1
State and local	1,067.0	6.7	16.2	16.9	-0.4	2.7	6.4	6.6	-0.1
Consumption expenditures	855.8	5.9	8.6	7.8	8.9	2.9	4.2	3.8	4.3
Gross investment	211.3	0.8	7.7	9.4	-9.7	1.6	16.1	18.9	-16.4

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

NOTE.—See note to table 1 for an explanation of chained (1996) dollar series. Chained (1996) dollar levels and residuals are shown in NIPA table 3.8. Percent changes in major aggregates are shown in NIPA table S.1.

Prices, next page

## Prices

The price index for gross domestic purchases, which measures the prices of goods and services purchased by U.S. residents, decreased 0.2 percent in the third quarter after increasing 1.3 percent in the second (table 9 chart 10). Two factors were mainly responsible for the downturn.

- Consumer prices declined, reflecting the NIPA treatment of insurance benefit payments associated with the September 11th terrorist attacks.<sup>9</sup> Excluding the effect of these payments, the price index for gross domestic purchases increased 0.6 percent.

- Energy prices dropped after increasing. Excluding food prices (which stepped up) and energy prices, the price index increased 0.5 percent after increasing 0.9 percent.

Prices of personal consumption expenditures (PCE) decreased 0.3 percent after increasing 1.3

percent. PCE energy prices decreased sharply after increasing. Food prices increased more than in the second quarter.

The GDP price index, which measures the prices paid for goods and services produced in the United States, increased 2.2 percent, about the same as in the second quarter. (Excluding the insurance-related price effects, the index increased 1.2 percent.) This index, unlike the price index for gross domestic purchases, excludes the prices of imports and includes the prices of exports. Import prices decreased much more than in the second quarter, mainly because of the insurance-related price effects; prices of imported goods decreased about as much as in the second quarter.

**Table 9.—Percent Changes in Prices**

[Annual rates; based on seasonally adjusted index numbers (1996=100)]

	2000		2001	
	IV	I	II	III
<b>Gross domestic product</b> .....	1.8	3.3	2.1	2.2
<i>Less: Exports of goods and services</i> .....	0.5	-0.1	-1.0	-1.8
<i>Plus: Imports of goods and services</i> .....	0.4	-3.0	-6.0	-17.0
<b>Equals: Gross domestic purchases</b> .....	1.7	2.7	1.3	-0.2
<i>Less: Change in private inventories</i> .....				
<b>Equals: Final sales to domestic purchasers</b> .....	1.8	2.6	1.3	-0.2
<b>Personal consumption expenditures</b> .....	2.0	3.2	1.3	-0.3
Durable goods .....	-1.2	-0.7	-3.5	-2.8
Nondurable goods .....	2.0	1.9	2.7	-1.5
Services .....	2.6	4.7	1.7	0.8
<b>Private fixed investment</b> .....	0.8	-0.4	0.6	0.1
Nonresidential .....	0.0	-1.9	-0.1	-0.5
Structures .....	4.7	6.2	4.7	2.1
Equipment and software .....	-1.5	-4.6	-1.9	-1.4
Residential .....	3.5	4.6	2.6	1.6
<b>Government consumption expenditures and gross investment</b> .....	1.9	3.5	1.8	0.1
Federal .....	0.4	4.4	1.2	0.3
National defense .....	1.0	3.6	1.0	0.4
Nondefense .....	-0.7	5.8	1.7	0.2
State and local .....	2.7	3.0	2.1	0
<b>Addenda:</b>				
<b>Gross domestic purchases:</b>				
Food .....	1.6	4.1	2.6	3.7
Energy .....	11.3	9.3	6.1	-20.9
Less food and energy .....	1.3	2.3	0.9	0.5
<b>Personal consumption expenditures:</b>				
Food .....	1.6	4.0	2.6	3.8
Energy goods and services <sup>1</sup> .....	10.5	11.7	9.2	-20.7
Less food and energy .....	1.5	2.6	0.7	0.4

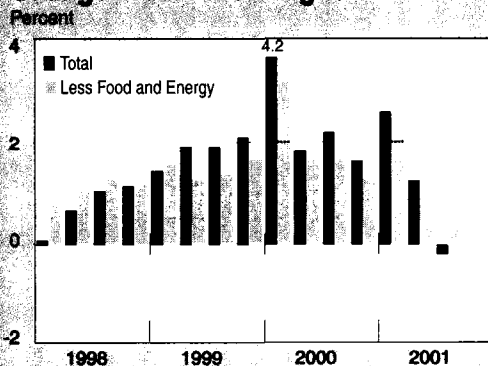
1. Consists of gasoline, fuel oil, and other energy goods and of electricity and gas.

Note.—Percent changes in major aggregates are shown in NIPA table 8.1. Index numbers are shown in tables 7.1, 7.2, and 7.4.

9. See the box "The Terrorist Attacks of September 11th as Reflected in the National Income and Product Accounts," SURVEY OF CURRENT BUSINESS 81 (November 2001): 2-3.

**CHART 10**

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



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

U.S. Bureau of Economic Analysis



**Revisions**

The preliminary estimate of a 1.1-percent decrease in real GDP in the third quarter is 0.7 percentage point larger than the 0.4-percent decrease in the advance estimate (table 10). In the past 20 years, the average revision, without regard to sign, from the advance estimate to the preliminary estimate has been 0.5 percentage point.

A downward revision to the change in private nonfarm inventories contributed -0.40 percentage point to the revision to GDP, and an upward revision to imports of goods contributed -0.36 percentage point. Revisions to government spending, exports, and consumer spending also reduced GDP. The main offset to these negative contributions was an upward revision to private fixed investment, which contributed 0.37 percentage point.

The downward revision to private inventory investment reflected the incorporation of newly available Census Bureau data on inventories for September and revised data for August; the largest downward revision was to retail trade inventories.

The upward revision to imports of goods mainly affected nonautomotive consumer goods and nonautomotive capital goods; it primarily reflected the incorporation of newly available Census Bureau data on trade in goods for September.

The upward revision to private fixed investment was concentrated in nonresidential equipment and software, primarily reflecting newly available data on software companies' revenue for the third quarter, revised retail sales data on business software from a trade source, and newly available Census Bureau data on aircraft shipments, exports, and imports for September.

**Table 10.—Revisions to Change in Real Gross Domestic Product and Prices,  
Third Quarter 2001**  
[Seasonally adjusted at annual rates]

	Percent change from preceding quarter		Preliminary estimate minus advance estimate	
	Advance estimate	Preliminary estimate	Percentage points	Billions of chained (1996) dollars
<b>Gross domestic product</b> .....	<b>-0.4</b>	<b>-1.1</b>	<b>-0.7</b>	<b>-16.6</b>
<i>Less: Exports</i> .....	-16.6	-17.7	-1.1	-3.5
Goods .....	-18.2	-19.5	-1.3	-3.0
Services .....	-12.9	-13.5	-0.6	-0.5
<i>Plus: Imports</i> .....	-15.2	-12.9	2.3	9.7
Goods .....	-12.6	-9.7	2.9	10.2
Services .....	-29.0	-29.8	-0.8	-0.6
<b>Equals: Gross domestic purchases</b> .....	<b>-0.7</b>	<b>-0.9</b>	<b>-0.2</b>	<b>-5.4</b>
<i>Less: Change in private inventories</i> .....	.....	.....	.....	-9.7
<b>Equals: Final sales to domestic purchasers</b> .....	<b>-0.3</b>	<b>-0.2</b>	<b>0.1</b>	<b>3.3</b>
Personal consumption expenditures .....	1.2	1.1	-0.1	-1.3
Durable goods .....	1.7	0.7	-1.0	-2.2
Nondurable goods .....	0.6	0.5	-0.1	-0.3
Services .....	1.4	1.5	0.1	0.9
Fixed investment .....	-8.4	-6.3	2.1	9.4
Nonresidential .....	-11.9	-9.3	2.6	9.3
Structures .....	-12.1	-9.2	2.9	9.2
Equipment and software .....	-11.8	-9.3	2.5	7.1
Residential .....	1.9	2.5	0.6	0.6
Government consumption expenditures and gross investment .....	1.8	0.8	0	0
Federal .....	4.6	2.7	-1.0	-3.9
National defense .....	5.0	2.6	-1.9	-2.6
Nondefense .....	3.9	2.8	-2.4	-2.1
State and local .....	0.4	-0.1	-1.1	-0.5
.....	.....	.....	-0.5	-1.4
<b>Addenda:</b>				
Final sales of domestic product .....	0	-0.3	-0.3	-7.8
Gross domestic purchases price index .....	-0.3	-0.2	0.1	.....
GDP price index .....	2.1	2.2	0.1	.....

*Note.*—The preliminary estimates for the third quarter of 2001 incorporate the following revised or additional major source data that were not available when the advance estimates were prepared.  
*Personal consumption expenditures:* Retail sales for August and September (revised), consumers' share of new-car purchases for September, average unit value for domestic new autos for September (revised), and consumers' share of new-truck purchases for September.  
*Nonresidential fixed investment:* Construction put-in-place for July and August (revised) and September, manufacturers' shipments of machinery and equipment for August and September (revised), manufacturers' shipments of complete civilian aircraft for August (revised) and September, software company revenue data for the third quarter, and revised retail sales data on business software from a trade source for the third quarter.  
*Residential fixed investment:* Construction put-in-place for July and August (revised) and September.  
*Change in private inventories:* Manufacturing and trade inventories for August (revised) and September.  
*Exports and imports of goods and services:* Exports and imports of goods for August (revised) and September.  
*Government consumption expenditures and gross investment:* Monthly Treasury Statement detailed data for September, Department of Defense detailed financial reports for the Army for the third quarter, and State and local government construction put-in-place for July and August (revised) and September.  
*Wages and salaries:* Employment, average hourly earnings, and average weekly hours for August and September (revised).  
*GDP prices:* Detailed merchandise export and import price indexes for July through September (revised), unit-value index for petroleum imports for August (revised) and September, and housing prices for the third quarter.

### Corporate Profits

Corporate profits decreased again in the third quarter. The current production measure decreased \$63.1 billion (or 8.3 percent at a quarterly rate)—about twice as much as in the second quarter (table 11). After four consecutive quarterly decreases, profits were 22.2 percent below the level of a year earlier.<sup>10</sup>

Profits of domestic financial corporations decreased \$28.4 billion (17.2 percent). Profits of insurance carriers were reduced by the payment of insurance benefits associated with the terrorist attacks; current information suggests that these payments, net of foreign reinsurance, amounted to about \$40 billion (annual rate). (In the NIPA's, benefit payments are recorded in the period in which the event occurs to reflect the full expected loss, regardless of when the payments are actually made.) In the second quarter, profits had been reduced about \$19 billion by damage caused by Tropical Storm Allison and other severe storms.

Profits of domestic nonfinancial corporations decreased \$33.6 billion (7.5 percent). The decrease

was moderated by \$20 billion of subsidies received by airlines as part of a bill passed by Congress after the September 11th attacks.

Rest-of-the-world profits registered a small drop, as receipts from foreign affiliates of U.S. corporations decreased more than payments by U.S. affiliates of foreign corporations.<sup>11</sup>

Cash flow from current production, a profits-related measure of internally generated funds available for investment, increased \$12.3 billion after decreasing \$6.5 billion.<sup>12</sup> The ratio of cash flow to nonresidential fixed investment, an indicator of the share of the current level of investment that could be financed by internally generated funds, increased from 71.8 percent to 74.7 percent. During 1991–99, the ratio fluctuated between 72 percent and 94 percent, and it averaged 84 percent.

10. Profits from current production is estimated as the sum of profits before tax, the inventory valuation adjustment, and the capital consumption adjustment; it is shown in NIPA tables 1.9, 1.14, 1.16, and 6.16C (see "Selected NIPA Tables," which begins on page D-2) as corporate profits with inventory valuation and capital consumption adjustments.

Percent changes in profits are shown at quarterly, not annual, rates.

11. Profits from the rest of the world is calculated as (1) receipts by U.S. residents of earnings from their foreign affiliates plus dividends received by U.S. residents from unaffiliated foreign corporations minus (2) payments by U.S. affiliates of earnings to their foreign parents plus dividends paid by U.S. corporations to unaffiliated foreign residents. These estimates include capital consumption adjustments (but not inventory valuation adjustments) and are derived from BEA's international transactions accounts.

12. Cash flow from current production is undistributed profits with inventory valuation and capital consumption adjustments plus the consumption of fixed capital.

**Table 11.—Corporate Profits**  
[Seasonally adjusted]

	Billions of dollars (annual rate)					Percent change (quarterly rate)				
	Level	Change from preceding quarter					2000	2001		
		2001	2000	2001				IV	I	II
		III	IV	I	II	III				
<b>Profits from current production</b> .....	<b>696.7</b>	<b>-47.4</b>	<b>-57.8</b>	<b>-30.0</b>	<b>-63.1</b>	<b>-5.3</b>	<b>-6.8</b>	<b>-3.8</b>	<b>-8.3</b>	
Domestic industries.....	553.8	-63.2	-41.1	-33.9	-62.0	-8.4	-5.9	-5.2	-10.1	
Financial.....	137.0	0.3	-2.6	-19.5	-28.4	0.2	-1.3	-10.6	-17.2	
Nonfinancial.....	416.8	-63.4	-38.6	-14.4	-33.6	-11.2	-7.7	-3.1	-7.5	
Rest of the world.....	142.9	15.8	-16.8	4.0	-1.1	11.2	-10.7	2.9	-0.8	
Receipts (inflows).....	185.5	5.4	-9.4	-7.0	-8.5	2.6	-4.5	-3.5	-4.4	
Payments (outflows).....	42.5	-10.4	7.4	-11.0	-7.5	-16.2	13.7	-18.0	-14.9	
IVA.....	3.3	-3.7	5.4	-6.9	12.1	.....	.....	.....	.....	
CCAdj.....	13.3	-2.0	-2.4	-5.7	-17.0	.....	.....	.....	.....	
Profits before tax.....	680.1	-41.8	-60.8	-17.4	-58.2	-4.9	-7.4	-2.3	-7.9	
Profits tax liability.....	206.0	-21.4	-16.7	-8.8	-22.0	-7.8	-6.6	-3.7	-9.7	
Profits after tax.....	474.1	-20.4	-44.1	-8.6	-36.2	-3.5	-7.8	-1.7	-7.1	
Cash flow from current production.....	917.4	-23.2	-35.1	-6.5	12.3	-2.4	-3.7	-0.7	1.4	
<b>Domestic industry profits:</b>										
Corporate profits of domestic industries with IVA.....	540.5	-61.2	-38.6	-28.4	-44.9	-8.6	-5.9	-4.6	-7.7	
Financial.....	154.4	1.3	-2.2	-18.9	-28.9	0.7	-1.1	-9.3	-15.8	
Nonfinancial.....	386.1	-62.6	-36.4	-9.5	-16.0	-12.3	-8.1	-2.3	-4.0	
	Dollars									
Unit price, costs, and profits of nonfinancial corporations:										
Unit price.....	1.062	0.004	0.005	0.006	0	.....	.....	.....	.....	
Unit labor cost.....	0.716	0.015	0.009	0.004	0.002	.....	.....	.....	.....	
Unit nonlabor cost.....	0.266	0.002	0.003	0.005	0.005	.....	.....	.....	.....	
Unit profits from current production.....	0.080	-0.012	-0.008	-0.003	-0.006	.....	.....	.....	.....	

NOTE.—Levels of these and other profits series are shown in NIPA tables 1.14, 1.16, 6.16C, and 7.15.

IVA Inventory valuation adjustment  
CCAdj Capital consumption adjustment

**Government Sector**

The fiscal position of the government sector, as measured by the combined current surplus of the Federal Government and of State and local governments, shifted from a current surplus of \$208.0 billion in the second quarter to a current deficit of \$8.0 billion in the third—the first current deficit since the fourth quarter of 1997 (table 12).<sup>13</sup> The third-quarter shift was mostly attributable to the Federal sector. A larger decrease in the State and local current surplus in the third quarter also contributed to the shift.

The third-quarter shift in the combined position reflected the effects of advance refund checks sent to taxpayers in the third quarter as part of the Economic Growth and Tax Relief Reconciliation Act of 2001, which lowered net personal tax receipts by \$140.7 billion. Excluding this special factor, the combined current surplus declined \$75.2 billion in the third quarter.

**Federal**

Fueled by a sharp downturn in current receipts, the fiscal position of the Federal Government shifted from a current surplus of \$186.7 billion to a current deficit of \$10.2 billion—the first current deficit since the fourth quarter of 1997. In the second quarter, the Federal current surplus had decreased \$18.6 billion.

**Current receipts.**—Federal current receipts decreased \$182.8 billion in the third quarter after increasing \$4.1 billion in the second. The downturn was mostly accounted for by a downturn in personal tax and nontax receipts. Corporate profits tax accruals decreased more in the third quarter than in the second. Contributions for social insurance decelerated in the third quarter, and indirect business tax and nontax accruals decreased more in the third quarter than in the second.

Personal tax and nontax receipts decreased \$162.8 billion after increasing \$8.6 billion. The sharp downturn was accounted for by income taxes, which decreased \$162.6 billion after increasing \$8.7 billion, as a result of provisions of the Economic Growth and Tax Relief Reconciliation Act of 2001. Beginning in mid-July, advance refund checks of up to \$300 for single taxpayers and up to \$600 for families were sent to taxpayers; refunds,

which are an offset to income tax receipts, were boosted \$140.7 billion as a result of this provision. Additionally, the Act lowered income tax rates.

Corporate profits tax accruals decreased \$19.0 billion after decreasing \$7.7 billion, reflecting a larger decline in domestic corporate profits before tax in the third quarter than in the second.

Contributions for social insurance increased \$0.3 billion after increasing \$3.4 billion. The decel-

**Table 12.—Government Sector Current Receipts and Expenditures**  
[Billions of dollars, seasonally adjusted at annual rates]

	Level		Change from preceding quarter		
	2001	2000	2001		
	III	IV	I	II	III
Current receipts.....	2,929.5	26.2	22.9	7.7	-175.0
Current expenditures.....	2,937.4	39.7	46.5	27.3	40.9
Current surplus or deficit (-).....	-8.0	-13.5	-23.6	-19.6	-216.0
Social insurance funds.....	104.3	5.1	-8.4	-2.7	-8.7
Other.....	-112.3	-18.7	-15.1	-16.8	-207.4
<b>Federal Government</b>					
Current receipts.....	1,908.7	13.2	9.9	4.1	-182.8
Personal tax and nontax receipts.....	897.2	20.7	10.9	8.6	-162.8
Corporate profits tax accruals.....	178.3	-18.2	-14.4	-7.7	-19.0
Indirect business tax and nontax accruals.....	110.6	0.8	-0.5	-0.2	-1.4
Contributions for social insurance.....	772.5	9.9	13.9	3.4	0.3
Current expenditures.....	1,918.8	20.6	27.1	22.6	14.1
Consumption expenditures.....	512.7	0.5	13.4	2.6	2.6
National defense.....	342.5	4.3	13.0	1.2	3.0
Nondefense.....	170.2	-3.7	0.4	1.4	-0.4
Transfer payments (net).....	837.4	22.4	8.8	11.6	14.1
To persons.....	830.8	8.7	28.4	10.5	14.5
To the rest of the world.....	6.6	13.7	-19.7	1.3	-0.5
Grants-in-aid to State and local governments.....	266.4	-0.8	13.9	17.2	-14.8
Net interest paid.....	232.5	-3.0	-6.4	-11.0	-10.0
Subsidies less current surplus of government enterprises.....	69.8	1.6	-2.7	2.2	22.2
Subsidies.....	60.7	-1.4	-2.1	0.1	20.7
Of which: Agricultural subsidies.....	18.5	-1.6	-2.7	-0.3	0.4
Less: Current surplus of government enterprises.....	-9.1	-3.0	0.5	-2.1	-1.4
Less: Wage accruals less disbursements.....	0	0	0	0	0
Current surplus or deficit (-).....	-10.2	-7.4	-17.2	-18.6	-196.9
Social insurance funds.....	104.4	5.2	-8.6	-2.9	-8.7
Other.....	-114.6	-12.6	-8.6	-15.7	-188.2
<b>State and local governments</b>					
Current receipts.....	1,287.2	12.1	27.0	20.9	-7.1
Personal tax and nontax receipts.....	298.3	8.9	4.5	-2.4	6.9
Corporate profits tax accruals.....	27.7	-3.2	-2.3	-1.1	-3.0
Indirect business tax and nontax accruals.....	684.1	7.2	10.6	6.9	3.7
Contributions for social insurance.....	10.8	0.1	0.2	0.3	0.2
Federal grants-in-aid.....	266.4	-0.8	13.9	17.2	-14.8
Current expenditures.....	1,285.0	18.3	33.3	21.9	12.0
Consumption expenditures.....	991.5	13.4	16.7	14.6	10.2
Transfer payments to persons.....	292.8	5.1	5.1	5.4	4.5
Net interest paid.....	-0.9	0	-0.3	-0.3	-0.1
Less: Dividends received by government.....	0.4	0	0	0	0
Subsidies less current surplus of government enterprises.....	2.0	-0.2	11.8	2.2	-2.6
Subsidies.....	11.9	0	12.2	2.5	-3.2
Less: Current surplus of government enterprises.....	9.9	0.3	0.3	0.3	-0.6
Less: Wage accruals less disbursements.....	0	0	0	0	0
Current surplus or deficit (-).....	2.2	-6.2	-6.3	-1.0	-19.1
Social insurance funds.....	-0.1	-0.1	0.2	0.1	0.1
Other.....	2.3	-6.0	-6.5	-1.2	-19.1
<b>Addendum:</b>					
Net lending or net borrowing (-) <sup>1</sup> .....	-91.9	-18.4	-23.3	-34.0	-205.3
Federal Government.....	-29.7	-13.7	-10.3	-26.0	-204.3
State and local government.....	-62.2	-4.7	-13.0	-8.0	-1.0

13. Net saving equals gross saving less consumption of fixed capital (CFC). The estimates of gross saving, CFC, and net saving are shown in NIPA table 5.1.

For NIPA estimates of government current receipts, current expenditures, and the current surplus or deficit for 1999 and 2000, see NIPA tables 3.1, 3.2, and 3.3 in this issue.

1. "Net lending or borrowing" is conceptually similar to "net financial investment" in the flow-of-funds accounts prepared by the Board of Governors of the Federal Reserve System. The two measures differ primarily because government net lending or borrowing is estimated from data for transactions, whereas net financial investment is estimated from data for financial assets. There are also small conceptual differences, such as the classification of the Federal Government's railroad retirement and veterans life insurance programs.

eration primarily reflected a deceleration in contributions for social security (old-age, survivors, disability, and health insurance), which increased \$0.2 billion after increasing \$3.6 billion.

Indirect business tax and nontax accruals decreased \$1.4 billion after decreasing \$0.2 billion. The larger decline was more than accounted for by a downturn in excise taxes, which decreased \$1.6 billion after increasing \$0.7 billion. Within excise taxes, air transport turned down, as a result of airport closures caused by the terrorist attacks on the World Trade Center and the Pentagon on September 11, 2001, and of fewer passengers after airports reopened. Gasoline excise taxes also turned down, decreasing \$0.3 billion after a \$1.0 billion increase. In contrast, customs duties were unchanged after decreasing \$1.3 billion.

*Current expenditures.*—Current expenditures increased \$14.1 billion in the third quarter after increasing \$22.6 billion in the second. The deceleration was more than accounted for by a sharp downturn in grants-in-aid to State and local governments. In contrast, “subsidies less current surplus of government enterprises” accelerated in the third quarter.

Grants-in-aid to State and local governments turned down in the third quarter, decreasing \$14.8 billion after increasing \$17.2 billion. Grants for health and hospitals (including payments to States for children’s health insurance programs), for State Medicaid programs, for education, and for welfare and social services turned down in the third quarter.

“Subsidies less current surplus of government enterprises” increased \$22.2 billion after increasing \$2.2 billion. The sharp acceleration was more than accounted for by subsidies, which increased \$20.7 billion after increasing \$0.1 billion. In the third quarter, airlines received \$5.0 billion (\$20.0 billion at an annual rate) in direct aid from the Federal Government as part of the Air Transportation Safety and System Stabilization Act.<sup>14</sup> The current surplus of government enterprises, which is an offset to subsidies, decreased \$1.4 billion after a \$2.1 billion decrease. Within enterprises, the U.S. Postal Service current surplus decreased \$1.2 billion after a \$2.0 billion decrease. A rate increase on some classes of mail effective in July, 2001, boosted the

U.S. Postal Service current surplus by \$1.0 billion in the third quarter.

“Transfer payments (net)” increased \$14.1 billion after increasing \$11.6 billion. Transfer payments to persons increased \$14.5 billion after increasing \$10.5 billion. The acceleration was accounted for by an acceleration in benefit payments for social security (old-age, survivors and disability insurance), which increased \$4.4 billion after increasing \$2.0 billion; one-time retroactive payments were made in July to correct for the underpayment of benefits associated with an error in the indexing of these benefits.

Net interest paid decreased \$10.0 billion in the third quarter, following an \$11.0 billion decrease. Gross interest paid decreased \$9.3 billion after decreasing \$10.9 billion, reflecting smaller decreases in interest paid to persons and business.

#### *State and local*

The State and local government current surplus decreased \$19.1 billion, to \$2.2 billion, in the third quarter after decreasing \$1.0 billion in the second. Current receipts turned down, and current expenditures decelerated.

*Current receipts.*—State and local government current receipts decreased \$7.1 billion after increasing \$20.9 billion. The deceleration was more than accounted for by a downturn in Federal grants-in-aid. Indirect business tax and nontax accruals decelerated, and corporate profits tax accruals declined more in the third quarter than in the second. In contrast, personal tax and nontax receipts turned up.

Indirect business tax and nontax accruals increased \$3.7 billion after increasing \$6.9 billion. The deceleration was accounted for by sales taxes, which increased \$0.2 billion after increasing \$3.0 billion. Within sales taxes, general sales taxes turned down, reflecting a downturn in general retail sales in the third quarter.

Corporate profits tax accruals decreased \$3.0 billion after a \$1.1 billion decrease in the second quarter, as domestic corporate profits before tax declined more in the third quarter than in the second.

Personal tax and nontax receipts increased \$6.9 billion after decreasing \$2.4 billion. The upturn was accounted for by personal income taxes, which increased \$6.1 billion after decreasing \$3.2 billion. The second-quarter decrease included the return

14. In the NIPAs, subsidies other than agricultural subsidies are recorded on an accrual basis.

by some States of excess revenues in the form of one-time refund payments.

*Current expenditures.*—Current expenditures increased \$12.0 billion after increasing \$21.9 billion. The deceleration was accounted for by a downturn in “subsidies less current surplus of government enterprises” and a deceleration in consumption expenditures.

“Subsidies less current surplus of government enterprises” decreased \$2.6 billion after increasing \$2.2 billion. The downturn was more than accounted for by subsidies, which decreased \$3.2 billion after increasing \$2.5 billion; electricity purchases by the State of California turned down in the third quarter. The current surplus of government enterprises, which is offset against subsidies, turned down, decreasing \$0.6 billion after increasing \$0.3 billion; enterprise revenues fell \$0.8 billion, as the result of reduced airport and tunnel revenues stemming from the events of September 11, 2001, and the subsequent reduction in air traffic.

Consumption expenditures increased \$10.2 billion after increasing \$14.6 billion. The deceleration was largely accounted for by nondurable goods, which decreased \$1.8 billion after increasing \$2.4 billion. Within nondurable goods, petroleum products turned down.

Transfer payments to persons decelerated in the third quarter, increasing \$4.5 billion after a \$5.4 billion increase. The deceleration was attributable to a deceleration in disaster assistance payments.

The events of September 11th had little impact on these payments in the third quarter.

#### *Net lending or net borrowing*

“Net lending or net borrowing(–)” is an alternative measure of the Government fiscal position. Net lending is the financing requirement of the government sector and is derived as the current surplus plus the consumption of fixed capital and “capital transfers received (net)” less gross investment and net purchases of nonproduced assets.

The Government fiscal position shifted from net lending of \$113.4 billion to net borrowing of \$91.9 billion, fueled by a sharp shift in the Federal Government fiscal position. State and local government net lending continued to decrease in the third quarter.

Government gross investment decreased \$8.6 billion after increasing \$13.2 billion.<sup>15</sup> The downturn was mostly attributable to State and local government gross investment, which decreased \$10.5 billion after increasing \$11.1 billion. The downturn was accounted for by investment in structures and reflected the lease of the World Trade Center by the Port Authority of New York to two private corporations in July; in the NIPA’s, the lease was treated as a sale of an existing asset, and State and local gross investment in structures was reduced by \$12.8 billion at an annual rate.

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15. For NIPA estimates of government gross investment, see NIPA table 3.7 in this issue.

## Updated NIPA Tables

The estimates in the following national income and product accounts (NIPA) tables have been revised to incorporate newly available information: Tables 1.16 and 7.15, and tables 2.1, 2.9, and 8.7.

For tables 1.16 and 7.15, the annual estimates of real gross product of nonfinancial corporate business for 1998–2000 and the quarterly estimates for 1998:I–2001:II have been revised to reflect new and revised estimates of the industry-based price index used for deflation. The use of this index, which typically becomes available about 4 months after the annual revision of the NIPAs, was introduced in the 1999 comprehensive NIPA revision to better reflect the changing industrial composition of this sector and to provide

better measures of productivity, costs, and profits per unit of gross product. In table 1.16, the estimates in lines 36 and 38 are revised, and in table 7.15, all the estimates are revised.

For tables 2.1, 2.9, and 8.7, the per capita and population estimates beginning with 1991 are revised to incorporate the results of the 2000 Census of Population. Table 2.9R, an abbreviated version of NIPA table 2.9, provides the revised annual and monthly estimates of current-dollar and real per capita personal income and of population. In table 8.7, all the estimates are revised; the estimates in table 2.1 that are revised (lines 32–34) are shown in lines 4, 11, and 16 in this table.

*Tables 1.16, 7.15, 2.9, and 8.7 follow.*









## Federal Personal Income Tax Liabilities and Payments, 1959–99

The table below presents the estimates of Federal personal income tax liabilities and of Federal personal income tax payments for 1959–99.<sup>1</sup> The estimates for 1998 are revised, and the estimates for 1999 are new; these estimates reflect the incorporation of the results of this year's annual revision of the national income and product accounts and newly available tax return data from the Internal Revenue Service (IRS).

1. For a discussion of the payments series, the derivation and the use of the estimates of tax liabilities, and the sources of the differences between liabilities and payments, see Thae S. Park, "Federal Personal Income Tax Liabilities and Payments, 1959–97," *SURVEY OF CURRENT BUSINESS* 80 (March 2000): 11–14.

For 1998, tax payments exceeded tax liabilities by \$25.9 billion. The excess payments primarily resulted from the implementation of substantial tax cuts under the Taxpayer Relief Act of 1997. The most important provisions that reduced liabilities were the child tax credit and the credits for higher education tuition, both of which became effective beginning with January 1, 1998. The withholding tables for tax year 1998 that were issued by the IRS for use by employers to calculate the amounts to be withheld from wages and salaries did not fully reflect the reduction in liabilities, so tax refunds were substantial.

For 1999, tax payments exceeded tax liabilities by only \$1.8 billion. There were no major tax law changes for 1999 that affected tax payments and tax liabilities differently.

Note.—Thae S. Park prepared this report.

**Federal Personal Income Tax Liabilities and Payments, 1959–99**  
[Billions of dollars]

	Federal personal income taxes			Disposable personal income (DPI)	
	Liabilities basis <sup>1</sup>	Payments basis <sup>2</sup>	Difference	Alternative DPI with NIPA Federal personal income taxes on a liabilities basis	Published DPI with NIPA Federal personal income taxes on a payments basis <sup>3</sup>
1959.....	39.0	38.5	0.5	350.7	351.2
1960.....	39.9	41.8	-1.9	368.1	366.2
1961.....	42.7	42.7	0.0	382.3	382.4
1962.....	45.4	46.5	-1.1	406.8	405.6
1963.....	48.8	49.1	-0.3	426.2	425.8
1964.....	47.8	46.0	1.8	461.2	463.0
1965.....	50.2	51.1	-0.9	499.8	498.9
1966.....	56.8	58.6	-1.8	540.9	539.1
1967.....	63.7	64.4	-0.7	576.9	576.2
1968.....	77.5	76.4	1.1	625.1	626.2
1969.....	87.4	91.7	-4.3	679.3	675.0
1970.....	84.5	88.9	-4.4	740.9	736.5
1971.....	86.1	85.8	0.3	801.4	801.7
1972.....	94.3	102.8	-8.5	877.0	868.6
1973.....	108.9	109.6	-0.7	979.6	979.0
1974.....	124.4	126.5	-2.1	1,074.3	1,072.3
1975.....	117.3	120.7	-3.4	1,184.9	1,181.4
1976.....	142.8	141.2	1.6	1,298.3	1,299.9
1977.....	161.0	162.2	-1.2	1,437.1	1,436.0
1978.....	189.6	188.9	0.7	1,614.1	1,614.8
1979.....	216.1	224.6	-8.5	1,816.8	1,808.2
1980.....	252.3	250.0	2.3	2,017.4	2,019.8
1981.....	286.7	290.6	-3.9	2,251.8	2,247.9
1982.....	280.2	295.0	-14.8	2,421.5	2,406.8
1983.....	277.8	286.2	-8.4	2,594.4	2,586.0
1984.....	306.7	301.4	5.3	2,882.3	2,887.6
1985.....	331.5	336.0	-4.5	3,091.0	3,086.5
1986.....	374.9	350.1	24.8	3,237.7	3,262.5
1987.....	378.7	392.5	-13.8	3,473.3	3,459.5
1988.....	422.0	402.9	19.1	3,733.3	3,752.4
1989.....	440.0	451.5	-11.5	4,027.7	4,016.3
1990.....	453.4	470.2	-16.8	4,310.4	4,293.6
1991.....	455.4	461.3	-5.9	4,480.7	4,474.8
1992.....	483.1	475.3	7.8	4,746.8	4,754.6
1993.....	508.5	505.4	3.1	4,932.2	4,935.3
1994.....	540.3	542.5	-2.2	5,167.7	5,165.4
1995.....	592.9	585.6	7.3	5,415.2	5,422.6
1996.....	664.5	662.9	1.6	5,676.2	5,677.7
1997.....	742.5	743.9	-1.4	5,969.6	5,968.2
1998.....	800.5	826.4	-25.9	6,381.5	6,355.6
1999.....	892.2	894.0	-1.8	6,619.8	6,618.0

1. This series is derived by the Bureau of Economic Analysis and is based on data from *Statistics of Income, Individual Income Tax Returns*.

2. This series is presented in NIPA table 3.2 in the section "BEA Current and Historical Data" of the *SURVEY OF CURRENT BUSINESS*. All the estimates are available on BEA's Web site at <[www.bea.doc.gov](http://www.bea.doc.gov)> and on STAT-USA's Web site at <[www.stat-usa.gov](http://www.stat-usa.gov)>.

3. This series is presented in the NIPA table 2.1 in "BEA Current and Historical Data." See also BEA's Web site.

## BEA's Preliminary Strategic Plan for 2001–2005

As part of a year-long internal review of its mission and its goals, the Bureau of Economic Analysis (BEA) has developed a preliminary Strategic Plan that outlines the major elements of BEA's plan of work through the year 2005. The Strategic Plan, which has a broader focus than the Mid-Decade Strategic Review of 6 ½ years ago, will guide BEA's ongoing efforts to improve the quality, reliability, and dissemination of its economic accounts. The plan will be a flexible, "living" document that will be reviewed and updated annually.

This Strategic Plan has been presented to BEA employees and to the BEA Advisory Committee, and many of their suggestions have been incorporated. The plan is pre-

sented here to reach others who have an interest in BEA's data. After a period of public review and comment, BEA will publish the final version of the plan in the spring of 2002.

You are encouraged to submit your comments. Does the plan address the most important issues? Do you agree with the actions and priorities proposed in the plan? Please send your comments by January 31, 2002: By mail to Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230; by fax to 202-606-5311; or by e-mail to [comments@bea.doc.gov](mailto:comments@bea.doc.gov).

**J. Steven Landefeld**  
Director, Bureau of Economic Analysis

### Mission

**T**HE Bureau of Economic Analysis (BEA) produces economic accounts statistics that enable government and business decision-makers, researchers, and the American public to follow and understand the performance of the Nation's economy. To do this, BEA collects source data, conducts research and analysis, develops and implements estimation methodologies, and disseminates statistics to the public.

### Vision

To be the world's most respected producer of economic accounts statistics.

### Values

- Integrity: Maintaining the sterling reputation of BEA and its statistics.
- Quality: Producing accurate, relevant, and timely statistics.
- Staff excellence: Fostering, recognizing, and rewarding contributions of employees.
- Responsiveness to customers: Providing what they want, when and how they want it.
- Innovation: Meeting the challenges of new technology and the changing economy.

### Goals

#### **Goal 1. Make BEA's economic accounts and services more responsive to the needs of its customers and partners**

BEA is concentrating on improving its relationships with its customers and partners. The Strategic Plan identifies specific actions that address such objectives as establishing and improving two-way communication with customers through regular customer surveys and other sources of feedback; expanding outreach efforts to data users, the Congress, trade associations, the business community, and the news media through the more effective use of technology, partnerships, and informa-

tional materials; upgrading the technology used to collect and disseminate information; and redesigning BEA's Web site to provide more explanations, background information, searchable links to metadata, and other interactive features.

**Performance:** Performance under goal 1 will be monitored by measures such as the following:

- Customer satisfaction with BEA's products and services, as determined by regular customer surveys;
- Number of outreach activities and events;
- Number of Web site users.

#### **Goal 2. Attract, develop, and retain a highly qualified, diverse workforce prepared to innovate and improve BEA's statistics**

BEA faces a variety of workplace challenges. The Strategic Plan identifies specific actions that address such workplace objectives as improving employee retention and recruitment by more effectively using the flexibility of the Personnel Management Demonstration Project, by supporting continuous career development for all employees, by aiming employee training plans toward future workforce needs, and by improving the system for recognizing and rewarding employees for their work.

**Performance:** Performance under goal 2 will be monitored by measures such as the following:

- Employee satisfaction, as determined by regular employee surveys;
- Employee retention rate;
- Speed of recruitment actions;
- Training program milestones met.

#### **Goal 3. Upgrade resource management to support BEA's strategic goals**

Support for the initiatives outlined in the Strategic Plan will come from the more effective use of existing

resources (through productivity-enhancing technology investments and changes in work processes and products) and from incremental resources. To manage its resources effectively, BEA will have to better account for the costs and benefits of existing and proposed work. By using new financial accounting support and by stepping up its interaction with customers, the Department, and statistical agency partners, BEA will more effectively conduct its programs, allocate resources, and plan for the provision of resources to achieve the Bureau's goals.

*Upgrading BEA's financial management.*—BEA is developing a cost-based budget for existing and proposed work that is directly linked to the Bureau's activities. As a result, BEA will be better able to identify the costs and benefits of its programs for its customers, the Administration, and the Congress as a part of the budget formulation process. Moreover, BEA will be better able to track and manage its existing resources. This objective will be accomplished by obtaining the resources for an internal budget staff, by implementing an activity-based cost system, and by completing a smooth transition of our core financial system to the Commerce Department's new Commerce Administrative Management System.

*Investing in information technology (IT).*—BEA's economic programs require the IT support provided by the Office of the Chief Information Officer. Much has been accomplished to enhance BEA's IT infrastructure, especially the establishment of a stable local area network with strong backup capabilities for BEA systems, but significant work remains in the redesign of critical estimation systems. The Strategic Plan emphasizes four areas in which further IT investment is needed: (1) Continuing support of BEA program staff with more efficient IT tools (software) to enhance their performance, (2) ongoing upgrades of the IT infrastructure (servers, workstations, telephones) to ensure reliability and security, (3) redesigning of core estimation systems to maximize the use of database technologies, and (4) harnessing of rapidly developing Web-based technologies to improve data dissemination.

*Updating and better focusing existing programs.*—Meeting customer needs and working to better focus BEA's resources require a continuing reevaluation and improvement of products and work processes. This effort includes examining internal work processes and determining whether resources are devoted to the highest priorities. This evaluation will be accomplished by annual bottom-up reviews of work processes, with changes incorporated in annual updates of the Strategic Plan and of unit and individual work plans.

*Focusing BEA's products and services to meet the needs of businesses, policymakers, and households.*—To make sure that its existing statistical products are used effectively, BEA must provide expanded and more accessible infor-

mation on its Web site and improve the dissemination of information directly to the news media and to potential users of BEA's statistics in the business community, State and local governments, academia, think tanks, the Administration, and the Congress. Then, armed with cost and benefit information for existing and proposed products, BEA must work with these constituencies to develop products and services that meet their needs. This objective will be accomplished by upgrading BEA's public affairs function, by establishing a Congressional liaison function, by interacting regularly with BEA's customers on their needs, and by updating and refocusing the Strategic Plan and individual unit plans.

**Performance:** Performance under goal 3 will be monitored by measures such as the following:

- Upgrading financial management—project milestones met;
- Investing in IT—project milestones met for IT upgrades;
- Updating existing programs—number of products and processes reevaluated;
- Focusing on users' needs—number of outreach activities and events.

**Goal 4. Upgrade BEA's economic statistics by improving statistical methodologies and source data and by using new technologies**

This first version of the Strategic Plan identifies statistical program priorities for FY 2001 through FY 2005. These priorities are summarized below by economic account, followed by an across-the-board review of source data improvements.

**National accounts.**—BEA produces the national income and product accounts (NIPAs), including the estimates of gross domestic product (GDP), monthly personal income and outlays, and stocks of fixed assets and consumer durable goods. The Strategic Plan identifies the following areas for improvement.

*Improving processing systems.*—The estimation of GDP can be made more reliable, efficient, and flexible through a comprehensive effort to improve the underlying processing systems. The Strategic Plan identifies actions such as the creation of a new central system to replace the two outdated and overburdened systems now in use, the replacement of the time-series database software used by analysts to prepare the estimates, and the overhaul of estimation subsystems. Special attention will be paid to good programming practices, including documentation of requirements and programs, thorough testing prior to implementation, and use of modern standards and best practices.

*Addressing data gaps and other shortcomings.*—The overall quality of the NIPA estimates is very high, but the quality is jeopardized by several gaps resulting from inadequate source data or from recent changes in the

economic environment. In addition, there are long-standing measurement problems, such as quality adjustments of prices and the measurement of services. A systematic plan to minimize these problems will improve the quality and usefulness of the national accounts. The Strategic Plan identifies specific actions that address such needs as implementing the North American Industry Classification System, developing new quality-adjusted prices, developing improved measures of services, developing improved estimates of software investment, and conducting research on and developing better estimates of employee stock options and other components of income.

*Improving consistency and integration with other accounts.*—In order to assemble an overall picture of the economy, many users want to move seamlessly not only among BEA's accounts but also between them and the Federal Reserve's flow-of-funds accounts and the Bureau of Labor Statistics' productivity accounts. Such comparisons are now impeded by inconsistencies in definitions and presentation. Several elements of the Strategic Plan are designed to facilitate those comparisons and provide more useful information by improving the consistency, coherence, and presentation of the accounts.

*Improving consistency with international standards.*—International guidelines for national economic accounts generally reflect best practices, and BEA's estimates of major aggregates, such as GDP, are largely consistent with international guidelines and are an example of best practices. However, the Strategic Plan identifies several areas where BEA could improve the estimation, presentation, and usefulness of its national accounts by more fully adopting the recommendations contained in the international guidelines.

**International accounts.**—BEA produces the balance of payments and international investment accounts, as well as financial and operating data on multinational companies. The Strategic Plan addresses efforts to improve productivity or outputs in the existing areas of work and to improve coverage in areas where major gaps have recently appeared.

*Improving productivity or outputs in existing areas of work.*—Several initiatives are designed to enable BEA to do more with less. For example, increased investment in IT infrastructure will enable BEA to expand electronic data collection and dissemination and to improve the usefulness of the international accounts section of its Web site. BEA will conduct research on implementing new sampling and imputation techniques that would reduce the resources required to estimate data for relatively small companies that now must report in BEA surveys. In addition, BEA must improve the usefulness of its estimates of international trade in goods and services by accelerating their release.

*Closing data gaps in the accounts.*—A number of the initiatives pertain to closing data gaps that have recently developed. One initiative addresses the potential under-reporting of U.S. goods trade, while others would alleviate the data gaps in international services by developing more frequent (quarterly instead of annual) surveys of unaffiliated services and by broadening the coverage of existing surveys. Additional initiatives focus on closing gaps in the measurement of financial flows, such as those stemming from transactions involving derivatives and other types of short-term financial instruments, reverse or short transactions, and transactions in traditional instruments that now bypass the international capital reporting system.

*Improving consistency with international standards.*—In general, BEA's international accounts are highly consistent with international standards; in fact, BEA has played a lead role in carrying out the conceptual work necessary to establish many of the standards. However, international standards are continually evolving and expanding, and in some areas—such as insurance services—BEA's methodologies probably could be improved. Proposed initiatives would enable BEA to keep abreast of the changing standards and to comply more fully with existing standards.

**Industry accounts.**—BEA produces economic statistics on industries, including the input-output (I-O) accounts, the GDP-by-industry accounts, and occasional satellite accounts. The I-O account benchmarks underpin the NIPA and other account benchmarks. The Strategic Plan focuses on completing the 1997 benchmark I-O accounts by late 2002, thereby meeting a commitment to produce the benchmark accounts within 5 years of the reference year. The plan also includes the following new elements that will provide customers with more useful industry statistics.

*Accelerating annual industry data.*—Research will be directed toward reducing the time lag for the release of the annual I-O accounts (from 3 years down to 1 year after the reference year) and the annual GDP-by-industry estimates (from 11 months down to 4 months after the reference year).

*Reconciling and improving the consistency of industry estimates.*—This element will be directed toward reviewing and partially reconciling the value-added estimates from the 1997 benchmark I-O accounts and GDP-by-industry accounts to bring those estimates into closer alignment and developing approaches to improve the consistency of the I-O, GDP-by-industry, and gross state product (GSP) estimates.

*Improving estimating methods and processing systems and interfaces.*—This element will focus on improving estimating methodologies, designing and developing interactive software tools for accessing data, expanding

integrated software applications to produce industry estimates, and developing processing systems to improve efficiency.

**Regional accounts.**—BEA produces estimates of quarterly and annual State personal income, annual county and metropolitan area personal income, annual GSP, wages and employment in varying degrees of detail by industry for each area, and regional input-output multipliers. The Strategic Plan identifies the following areas for improvement.

*Accelerating the release of regional estimates.*—This project would provide the users of regional data with dramatically earlier access to these estimates. For example, the time lag for the release of GSP estimates would be reduced from 18 months down to 5 months after the reference year. Similar accelerations would be achieved for metropolitan and local area personal income.

*Continually improving methodologies.*—The methodologies used to produce the regional estimates must be updated and improved to keep pace with changes in the national and regional economies. Topics that need to be addressed are the estimation of stock options on a regional basis and the redefinition of the BEA Economic Areas to reflect new metropolitan area definitions.

*Improving source data.*—In order to improve the quality of the regional estimates, it is necessary to identify, develop, and implement new and more appropriate source data. For example, new source data would be needed to develop estimates of capital stocks by State.

**Source data improvement.**—BEA obtains most of its source data from other Federal Government agencies—primarily the Bureau of the Census, the Bureau of Labor Statistics (BLS), and the Department of the Treasury, especially the Internal Revenue Service (IRS). Therefore, it is imperative that BEA staff at all levels work with their colleagues in those agencies to upgrade the economic accounts by improving the relevance, quality, and timeliness of existing source data, by identifying untapped but potentially useful existing data, and by developing new data.

The following key data sources are the focal points of BEA's efforts to work with its partner agencies to improve source data for the economic accounts. (Many of these improvements are also mentioned in the listings of the various BEA program areas.)

*Bureau of Labor Statistics data.*—BLS employment and price data are essential ingredients of BEA's economic accounts. To improve its national, industry, and regional accounts, BEA will work with BLS to expand their Current Employment Statistics (790 program) to cover earnings of all employees. BEA will also work with BLS to explore expanding the coverage of the earnings

concept to cover all types of earnings, including employee stock options, and benchmarking the earnings data to the BLS Covered Employment and Wages (ES-202) program. For its national accounts, BEA will work with BLS to improve the Producer Price Index program to provide quality-adjusted price indexes for high-tech goods and to continue expanding the coverage of financial and nonfinancial services and of non-residential construction.

*Bureau of the Census data.*—For its industry and national accounts, BEA needs better and more timely data on the intermediate outputs of industries. The international accounts need improved data on exports and imports of goods. The regional accounts stand to benefit greatly from the new American Community Survey, which (if funded) would provide more frequent data on variables now collected only in the Decennial Census.

*Department of the Treasury data.*—BEA's international accounts need expanded coverage of the Treasury International Capital reporting system to include derivatives and improved coverage of short positions and cross-border holdings of securities. In the national accounts, the measurement of business income could be improved by working with the IRS to update measures of voluntary taxpayer compliance. The regional accounts could investigate IRS data to develop estimates of State capital stocks for nonmanufacturing firms.

*BEA international transactions data.*—For the international services data collected in BEA's surveys, the biggest improvement would come from instituting quarterly surveys of international transactions in the most important services. Currently, only annual surveys are conducted for most types of unaffiliated services transactions.

**Performance:** Performance under goal 4 will be monitored by measures such as the following:

- Number of statistical improvement milestones met;
- Cycle time for production of major estimates and other statistical outputs;
- Resource requirements for production of major estimates and other statistical outputs;
- Number of meetings with key source data providers.

### Additional Detail

The following table, organized by program area, summarizes the elements of the plan and provides milestones through FY 2005. The plan will be updated in FY 2002 to add milestones for FY 2006. *The activities listed in the table and the timing of the milestones are based on the assumption that BEA will receive adequate budget funding for each of those years.*

NATIONAL INCOME, EXPENDITURE, AND PRODUCT ACCOUNTS					
Programs	2001	2002	2003	2004	2005
National Income and Product Accounts (NIPA) Estimates	Prepared quarterly and annual estimates of GDP and NIPA tables; published NIPA volumes.	Prepare quarterly and annual estimates of GDP and NIPA tables.	Prepare quarterly estimates of GDP tables; begin 2003 comprehensive revision estimates.	Prepare quarterly and 2003 comprehensive revision estimates of GDP and NIPA tables.	Prepare quarterly and annual estimates of GDP and NIPA tables; publish NIPA volumes.
Monthly Personal Income and Outlays	Prepared monthly estimates of personal income and outlays.	Prepare monthly estimates of personal income and outlays.	Prepare monthly estimates of personal income and outlays; begin 2003 comprehensive revision estimates.	Prepare monthly and 2003 comprehensive revision estimates of personal income and outlays.	Prepare monthly estimates of personal income and outlays.
Fixed Assets and Consumer Durable Goods	Prepared annual estimates of fixed assets and consumer durable goods; released 1999 comprehensive revision estimates.	Prepare annual estimates of fixed assets and consumer durable goods; publish Fixed Assets volume.	Prepare annual estimates of fixed assets and consumer durable goods; begin 2003 comprehensive revision estimates.	Prepare annual and 2003 comprehensive revision estimates of fixed assets and consumer durable goods.	Prepare annual estimates of fixed assets and consumer durable goods; publish Fixed Assets volume.
International Submissions	Prepared NIPA estimates based on 1999 comprehensive revision consistent with new 1993 System of National Accounts (SNA) for OECD. Prepared Government Finance Statistics (GFS) for Treasury to submit to IMF.	Update NIPA estimates consistent with 1993 SNA for OECD. Prepare GFS for Treasury to submit to IMF.	Update NIPA estimates consistent with 1993 SNA for OECD. Prepare GFS for Treasury to submit to IMF.	Prepare NIPA estimates based on 2003 comprehensive revision consistent with 1993 SNA for OECD. Prepare GFS for Treasury to submit to IMF.	Update NIPA estimates consistent with 1993 SNA for OECD. Prepare GFS for Treasury to submit to IMF.
NIH Research & Development (R&D) Biomedical Price Index	Prepared estimates of R&D biomedical price index for NIH under reimbursable contract.	Prepare estimates and update weights of R&D biomedical price index for NIH under reimbursable contract.	Prepare estimates of R&D biomedical price index for NIH under reimbursable contract.	Prepare estimates of R&D biomedical price index for NIH under reimbursable contract.	Prepare estimates and introduce chain weighting of R&D biomedical price index for NIH under reimbursable contract.
Economic Accounts Training Program	Prepared and conducted training in economic accounts.	Prepare and conduct training in economic accounts.	Prepare and conduct training in economic accounts.	Prepare and conduct training in economic accounts.	Prepare and conduct training in economic accounts.
New Initiatives					
Implement North American Industry Classification System (NAICS)	Converted inventory estimates to NAICS basis; estimated personal consumption expenditures (PCE) and investment in equipment with NAICS source data.	Prepare wage and salary estimates with NAICS source data, which will be converted to a Standard Industrial Classification (SIC) basis.	Prepare for conversion of all income-side estimates to NAICS basis in comprehensive revision.	Publish comprehensive revision estimates on a NAICS basis; convert PPI source data from SIC to NAICS basis.	Prepare for conversions associated with NAICS 2002, NAICS 2007, and North American Product Classification System.
NIPA Central System Modernization	Prepared functional requirements for new central system (joint with CSSD, contractor).	Develop and program first phase of new central system (joint with CSSD, contractor).	Test and implement the first phase of the new central system (joint with CSSD, contractor).	Begin second phase, developing enhancements for new central system (joint with CSSD, contractor).	Test and implement the second phase (joint with CSSD, contractor).
Alternative Measures of Saving	Completed joint paper with Federal Reserve Board staff on alternative measures of saving.	Publish paper and present it at conferences; prepare regular updates of measures.	Update the measures.	Update the measures.	Update the measures.
Interactive Web Data Access	Developed tool to provide selected, annual, and 3-digit NIPA tables interactively on Web (joint with CSSD, contractor).	Extend tool to provide tables for fixed assets and consumer durable goods and for underlying detail (joint with CSSD, contractor).	Complete Web data access project.		
Convert Table Generation	Began work to automate the generation of tables for news release and Survey (joint with CSSD and CBAD).	Complete work to automate the generation of tables for news release and Survey (joint with CSSD and CBAD).	Complete automation of remaining tables.		
New Quality-Adjusted Prices	Introduced improved prices for local area network equipment.	Conduct research and develop new quality-adjusted prices.	Conduct research and develop new quality-adjusted prices. Submit proposals for prices of nonresidential structures, photocopy equipment, and other selected prices.	Conduct research and develop new quality-adjusted prices. If proposals are accepted, publish revised estimates.	Conduct research and develop new quality-adjusted prices.
Improved Services Measures	Conducted research and developed new measures of services.	Conduct research and develop new measures of services. Submit proposals for new measures of insurance and other selected services.	Conduct research and develop new measures of services. If proposals are accepted, prepare estimates.	Conduct research and develop new measures of services. Publish revised estimates.	Conduct research and develop new measures of services.
Improved Estimates of Software Investment	Developed and introduced improved quarterly software estimation method.	Review and improve benchmark estimation of software.	Conduct research and develop improved software prices.	Conduct research and develop improved software prices.	Conduct research and develop improved measures of foreign transactions in software.
Employee Stock Options	Conduct research on employee stock options.	Conduct research and develop conceptual framework for measuring employee stock options.	Conduct research and develop estimating methodology for employee stock options.	Conduct research and develop source data for employee stock options.	Conduct research and develop estimates for employee stock options.
Federal Investment and Consumption System	Began re-engineering of system for Federal Government investment and consumption estimates.	Complete database design and user interface. Begin testing.	Complete, test, and implement system before the end of December 2002.		

NATIONAL INCOME, EXPENDITURE, AND WEALTH ACCOUNTS—Continued					
Programs and New Initiatives: FY 2001–2005					
Programs	2001	2002	2003	2004	2005
Research Statistical Discrepancy	Researched possible sources of statistical discrepancy; improved estimate of GDP and gross domestic income (GDI).	Research on possible sources of statistical discrepancy; improve estimates of GDP and GDI.	Research on possible sources of statistical discrepancy; improve estimates of GDP and GDI.	Research on possible sources of statistical discrepancy; improve estimates of GDP and GDI.	Research on possible sources of statistical discrepancy; improve estimates of GDP and GDI.
Convert Time Series Package to "Fame"		Prepare requirement to convert analysts' "satellite" systems to Fame. Begin conversion.	Complete pre-revision conversions, testing, and implementation.	Prepare post-revision conversions.	Complete all revision conversions, testing, and implementation.
Misreporting Adjustments		Contract with Census Bureau to conduct Current Population Survey (CPS) exact match study of taxpayer misreporting and work with IRS to update measures of voluntary taxpayer compliance.	Work with IRS to update measures of voluntary taxpayer compliance.	Work with IRS to update measures of voluntary taxpayer compliance.	Contract with Census Bureau to conduct CPS exact match study of taxpayer misreporting and work with IRS to update measures of voluntary taxpayer compliance.
Methodology Papers	Completed updated methodology paper for corporate profits.	Complete updated methodology papers for government, foreign transactions, and new paper for fixed investment.	Update methodology papers.	Update methodology paper for PCE. New methodology papers for other components.	Annual updates of all methodology papers.
Reengineer Private Capital Stock Estimates		Develop requirements and rewrite programs.	Test and implement programs.		
Reengineer Government Capital Stock Estimates		Develop requirements and rewrite programs.	Test and implement programs.		
Revise Tables to Deemphasize Chained Dollars		Begin table redesign.	Implement table redesign.	Publish redesigned tables as part of 2003 comprehensive revision.	
Recognize Government and Nonprofit Output		Prepare proposal to recognize output.	Implement proposal to recognize output.	Publish revised estimates of GDP by type of product.	
Real Government and Nonprofit-by-Function Estimates		Develop simplified annual real government-by-function estimates.	Implement simplified real government-by-function estimates.	Work on development of refinements and quarterly real government-by-function estimates.	Work on development of nonprofit-by-function estimates.
Research to Revise Summary Accounts		Conduct research and prepare proposal to revise summary accounts.	If accepted, implement proposal to revise summary accounts.	Publish revised summary accounts.	
Research Sector Definitions	Conducted research on government enterprises and other sector issues.	Conduct research on government enterprises and other sector issues.		Conduct research on government enterprises and other sector issues.	Prepare proposals to modernize sector definitions of government enterprises and noncorporate business.
Research Flow-of-Funds Integration	Conducted research on integrating NIPAs with flow-of-funds accounts.	Conduct research on integrating NIPAs with flow-of-funds accounts.	Publish preliminary attempt to consolidate NIPAs with flow-of-funds accounts.	Continue research on integrating NIPAs with flow-of-funds accounts.	Publish improved integrated accounts.
Research on Compensation in Kind		Work with BLS to research new forms of fringe benefits, such as cafeteria plans.	Consider proposals based on research. If accepted, implement proposals.		
Research on Nonprofit Sector		Conduct research on status of separate nonprofit accounts.	Develop new tables to show nonprofit expenditures and economic activity.	Conduct additional research to fill gaps in nonprofit accounts.	Publish prototype nonprofit accounts.
Research on Chain Inventories Method	Wrote and presented research paper on chain inventories method.	Refine paper, prepare proposal.	If proposal is accepted, implement proposal for chain inventories method.	Publish revised estimates of inventories.	
Improve Capital Stock Estimates	Worked with Chief Economist to investigate service lives and other capital stock issues.	Prepare proposals for comprehensive revision.	If proposals are accepted, implement proposals.	Publish revised estimates of capital stock. Develop new research projects.	Conduct research on capital stock issues.
Interactive User-Defined Chain Aggregates				Prepare requirements and write programs for user-defined chain aggregates.	Test and implement programs.
Research Sector Gross Output		Work with IED to investigate feasibility of timely estimates of gross output by sector.	If feasible, submit proposal to prepare estimates of sector gross output.	If accepted, implement proposal and publish estimates of sector gross output.	
Research NIPA/International Transactions Accounts (ITAs) Differences		Conduct study of differences; prepare proposals as appropriate.	If accepted, implement proposals to resolve differences between NIPAs and ITAs.	Publish revised estimates.	
Research Pension Benefits	Worked with Regional Directorate to research accounting for pension benefits.	Work with Regional Directorate to research accounting for pension benefits.	If research is accepted, prepare and submit proposal for changes in comprehensive revision.	Research estimates of employers' contributions to deferred compensation plans.	Develop improved estimates of employers' contributions to deferred compensation plans.
Research Accrual Accounting		Conduct research on feasibility of moving some estimates (for example wages, personal taxes) to accrual basis. Coordinate with regional programs.	If research is accepted, prepare and submit proposal for changes in comprehensive revision.	Publish revised estimates.	



NATIONAL INCOME, EXPENDITURE AND PRODUCT					
Programs and Staff					
Program	2001	2002			
Research Government Inventories		Conduct research on redefining government inventories as part of gross investment; prepare proposal for comprehensive revision.	If proposal is accepted, prepare revised estimates.	Publish revised estimates.	
Research Separate State and Local Government Estimates	Conducted research on preparing separate estimates for State governments and for local governments.	Prepare SURVEY article to report estimates. Coordinate with regional program.			
Research on Reconciling Estimates of Defense Equipment and Change in Private Inventories				Conduct research on consistency of timing for estimates of defense equipment and private inventories.	If research finds inconsistencies, prepare proposal to improve estimates.
Research on PCE Classifications				Conduct research on PCE product and type-of-expenditure classifications relative to other government and international classifications.	Conclude research and prepare recommendations.
Research on Motor Vehicle Estimates				Conduct research toward improving motor vehicle estimates.	Conclude research and prepare recommendations.
Scanner Data for PCE		Purchase scanner data for improved, timelier estimates of merchandise composition.	Research scanner data and compile prototype estimates.	Prepare proposal for implementing scanner data-based estimates.	If proposal is accepted, prepare and publish estimates.
Research Capitalization of Movies, Sound Recordings					Conduct research on recognizing production of motion pictures and sound recordings as fixed investment.
Research Construction in Progress as Change in Inventories					Conduct research on classifying construction in progress as change in inventories.
Research Production Account and Capital Inputs				Conduct research on measuring capital inputs as part of a production account.	Continue research on measuring capital inputs as part of a production account.
Research Consumer Durables Satellite Account				Work with Chief Economist to conduct research on implementing a satellite account.	Conduct research on implementing a satellite account.
Research Imputing Rental Price for Government Capital		Prepare short paper looking at imputing a rate of return for government capital.		Conduct research on imputation of a rate of return for government capital.	Prepare proposal and outline work for imputing rental price for government capital.

<b>INDUSTRY ACCOUNTS</b>					
<b>Programs and New Initiatives: FY 2001-2005</b>					
<b>Program</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
Benchmark Input-Output (I-O) Accounts	Initial estimates completed for 1997 Benchmark I-O tables on a NAICS basis.	Review estimates for 1997 Benchmark I-O Accounts and reconcile with national accounts and balance of payments accounts; publish 1997 Benchmark I-O tables.	Publish detailed data and documentation for the 1997 Benchmark I-O Accounts; prepare and publish the 1997 Capital Flow tables.	See Benchmark I-O with less detailed data below.	See Benchmark I-O with less detailed data below.
GDP-by-Industry Accounts	Estimates completed for GDP-by-Industry Accounts for 2000.	Publish GDP-by-Industry Accounts for 2000; prepare GDP-by-Industry Accounts for 2001.	Publish GDP-by-Industry Accounts for 2001; prepare revised GDP-by-Industry Accounts consistent with 1997 Benchmark I-O and revised NIPA's for 2002.	Publish revised GDP-by-Industry Accounts consistent with 1997 Benchmark I-O and revised NIPA's, 1947-2002; prepare GDP-by-Industry Accounts for 2003.	Publish GDP-by-Industry Accounts for 2003; prepare GDP-by-Industry Accounts for 2004.
Annual I-O Accounts	Estimates completed for Annual I-O Accounts for 1998.	Publish Annual I-O Accounts for 1998; prepare estimates for 1999 Annual I-O Accounts.	Publish Annual I-O Accounts for 1999; revise Annual I-O framework to be consistent with 1997 Benchmark I-O Accounts and revised NIPA's.	Publish NAICS-based Annual I-O Accounts for 2000, consistent with 1997 Benchmark I-O Accounts and revised NIPA's; prepare estimates for 2001 Annual I-O Accounts.	Publish Annual I-O Accounts for 2001; prepare estimates for 2002 Annual I-O Accounts.
Implement NAICS	Software developed and 1998-2000 source data converted from NAICS to SIC basis for use in annual programs.	Convert 1999-2001 source data from NAICS to SIC basis for use in annual programs.	Develop software and revise data files for annual programs to NAICS-based source data; prepare for conversion to NAICS in public data files.		
Foreign Trade Estimates	Estimates prepared for monthly merchandise exports and imports; concordance maintained between Harmonized System (HS) and I-O classifications.	Prepare monthly estimates of merchandise exports and imports; begin conversion of concordance between HS and I-O classifications from SIC to NAICS basis.	Prepare monthly estimates of merchandise exports and imports; complete conversion of concordance between HS and I-O classifications to a NAICS basis.	Prepare monthly estimates of merchandise exports and imports; maintain concordance between HS and I-O classifications.	Prepare monthly estimates of merchandise exports and imports; maintain concordance between HS and I-O classifications.
International Submissions	Estimates completed for SNA-based, GDP-by-Industry Accounts for 1987-99.	Prepare SNA-based, GDP-by-Industry Accounts for 1998-2000.	Prepare SNA-based, GDP-by-Industry Accounts for 1999-2001.	Develop procedures and software to prepare SNA-based, GDP-by-Industry Accounts on a NAICS basis.	Prepare SNA-based, GDP-by-Industry Accounts consistent with the comprehensive revision of the Accounts.
IT Re-engineering	Enhanced software designed and developed for accessing I-O data interactively from BEA Web site; additional software developed and brought on-line for benchmark I-O and GDP-by-industry production processing systems.	Release new software for accessing I-O data interactively from BEA Web site; design and develop additional web-based tools for the analysis of I-O data; complete benchmark I-O production processing system.	Release expanded software with new analytical tools for accessing and manipulating I-O data from BEA Web site; modify further the web-based system to include NAICS-based I-O data; modify annual I-O and GDP-by-industry production processing systems for NAICS-based data.	Prepare modifications of benchmark I-O production processing system to incorporate data from the 2002 economic census.	Complete modifications to benchmark I-O production processing system.
<b>New Initiatives</b>					
Accelerated Annual I-O Accounts	Research initiated for the accelerated release of Annual I-O Accounts.	Prepare data files and develop processing system for accelerated release of Annual I-O Accounts.	Develop pilot set of tables for 2001 Annual I-O Accounts.	Publish Annual I-O Accounts for 2002.	Publish Annual I-O Accounts for 2003.
Accelerated GDP-by-Industry Accounts	Research initiated for the accelerated release of GDP-by-Industry Accounts.	Release pilot advance estimates of 2001 GDP-by-Industry Accounts in April (4 months from end of year).	Publish advance 2002 GDP-by-Industry Accounts.	Publish advance 2003 GDP-by-Industry Accounts.	Publish advance 2004 GDP-by-Industry Accounts.
Accelerated Gross State Product (GSP) Accounts		Research initiated, in coordination with the Regional program, for the accelerated release of GSP Accounts.	Coordinate with the Regional program on the development of software needed for the accelerated release of GSP Accounts.	Coordinate with the Regional program on the implementation of accelerated release of GSP Accounts.	
Improved Gross Output for Selected Services (GDP-by-Industry)		Coordinate with NIWD on the identification and prioritization of service areas needing improvement.	Coordinate with NIWD on the preparation of short papers describing potential improvements to the services areas.	Coordinate with NIWD on the implementation of improvements to measures of output, prices, and quantities for selected services.	
Improved Nonprofit Estimates (Benchmark I-O Accounts)		Coordinate with NIWD on the preparation of a research proposal to determine the status of separate nonprofit accounts.	Coordinate with NIWD on research to show nonprofit expenditures and economic activities.	Coordinate with NIWD on research to fill gaps in nonprofit accounts.	Coordinate with NIWD on preparing prototype nonprofit accounts.

INDUSTRY ACCOUNTS—Continued Programs and New Initiatives: FY 2001–2005					
Programs	2001	2002	2003	2004	2005
Investigate and Implement Method to Produce Benchmark I-O Accounts with Less Detailed Data			Conduct research on ways to simplify production of Benchmark I-O Accounts and to increase efficient use of source data; work to be contracted.	Evaluate alternative proposals for simplifying production of Benchmark I-O Accounts and increasing efficient use of source data; implement recommendations.	
Re-engineering for Data Transfer Between Census and BEA				Prepare requirements analysis for direct transfer of economic data between Census and IED, using standardized coding and formats.	Test and implement the new process for transferring economic data from Census to IED, using standardized coding and formats.
Review and Partially Reconcile Industry Value Added for 1997 Benchmark I-O GDP-by-Industry Accounts		Bring estimates of value added from the I-O and GDP-by-Industry Accounts into closer alignment; as part of final review of 1997 Benchmark I-O Accounts, compare with estimates from GDP by Industry.	Evaluate remaining differences between value added from the I-O Accounts and GDP-by-Industry Accounts; compare data on compensation from BLS and Census; conduct research on other differences; document findings and make recommendations.		
Improved Consistency of I-O, GDP-by-Industry, and GSP Estimates			Coordinate with the Regional program to identify differences in data sources, estimating methods, definitions, and classification conventions that result in inconsistencies of estimates from the I-O, GDP-by-Industry, and GSP Accounts.	Conduct research to improve consistency of industry gross output and value added estimates from the I-O, GDP-by-Industry, and GSP Accounts; document findings and make recommendations.	Implement recommendations for improving consistency of industry gross output and value added estimates from the I-O, GDP-by-Industry, and GSP Accounts.
NAICS-Based 1992 Benchmark I-O Accounts			Initiate work to recast 1992 Benchmark I-O Accounts from SIC to NAICS basis to give users means to produce time series; research and implementation to be supported by contractor.	Complete work to recast 1992 Benchmark I-O Accounts from SIC to NAICS basis to give users means to produce time series; research and implementation to be supported by contractor.	
NAICS-Based GDP-by-Industry Accounts, 1992–99					Backcast GDP-by-Industry Accounts, 1992–99, from SIC to NAICS; research and implementation to be supported by contractor.
Review and Research to Improve Legacy Estimating Rules Used for Benchmark I-O Accounts		Initiate research to evaluate the quality of the estimating rules used to prepare the Benchmark I-O Accounts; prioritize areas for additional research.	Conduct research to validate or improve methods determined to have a significant impact on accuracy of the accounts; prepare short papers on findings.	Complete research to validate or improve methods determined to have a significant impact on accuracy of the accounts; complete the preparation of short papers on findings; make recommendations.	Implement recommendations.
Review and Reconcile Gross Output with Comparable BLS Measures	With the Chief Economist, initiated research to identify differences between BEA and BLS measures of nominal and real gross output of nonmanufacturing industries.	Work with the Chief Economist to identify differences between BEA and BLS measures of nominal and real gross output of nonmanufacturing industries.	Work with the Chief Economist to identify and reconcile differences between BEA and BLS measures of nominal and real gross output of manufacturing and nonmanufacturing industries; prepare short papers that document and explain the major differences between manufacturing and nonmanufacturing measures.	Work with the Chief Economist to prepare short papers that document and explain the major differences between manufacturing and nonmanufacturing measures.	Work with the Chief Economist to prepare short papers that document and explain the major differences between manufacturing and nonmanufacturing measures.
Travel and Tourism Satellite Accounts and E-commerce Satellite Account	With external funding, completed research to improve estimation of Travel and Tourism Satellite Accounts.	Dependent upon the continuation of external funding, produce Travel and Tourism Satellite Accounts; investigate support for e-commerce accounts.	Dependent upon external funding, produce Travel and Tourism Satellite Accounts; investigate support for e-commerce accounts.	Dependent upon external funding, produce Travel and Tourism Satellite Accounts; investigate support for e-commerce accounts.	Dependent upon external funding, produce Travel and Tourism Satellite Accounts; investigate support for e-commerce accounts.

INTERNATIONAL ACCOUNTS					
New Initiatives, FY 2001-2005					
Programs	2001	2002	2003	2004	2005
Balance of Payments (BOP) Accounts	Prepared estimates for the BOP accounts.	Prepare estimates for the BOP accounts.	Prepare estimates for the BOP accounts.	Prepare estimates for the BOP accounts.	Prepare estimates for the BOP accounts.
International Investment Position (IIP) Estimates	Prepared annual estimates of the IIP.	Prepare annual estimates of the IIP.	Prepare annual estimates of the IIP.	Prepare annual estimates of the IIP.	Prepare annual estimates of the IIP.
Benchmark and Annual Financial and Operating (F&O) Data	Prepared F&O estimates.	Prepare F&O estimates.	Prepare F&O estimates.	Prepare F&O estimates.	Prepare F&O estimates.
Analyses and Articles	Prepared standard and special articles and analyses.	Prepare standard and special articles and analyses.	Prepare standard and special articles and analyses.	Prepare standard and special articles and analyses.	Prepare standard and special articles and analyses.
New Initiatives					
Research Understatement of Goods Trade Estimates and Develop Bias Adjustments	Conducted research into existence of undercounts in reported imports or exports.	Conduct additional research and determine feasibility of developing an adjustment for NIPA (but not for BOP) purposes.	Collaborate with Census Bureau on whether to extend the NIPA bias adjustment (if made) to the goods and services release.	If the decision is to implement a bias adjustment to the goods and services release, implement it this year.	Continue to make bias adjustments, if appropriate.
Accelerate Monthly Estimates of U.S. Trade in Goods and Services	With Census cooperation, developed an implementation plan and schedule.	Perform research into developing accelerated estimation methods for direct investment and unaffiliated services.	Work with Census to develop methods of filling any "holes" in the goods estimates (possibly including goods exports to Canada) that may hinder acceleration.	Begin issuing the joint monthly press release on an accelerated basis. Monitor revisions in the services estimates, and, where the estimates are weakest, perform research into improving them.	Continue issuing the monthly release on an accelerated basis, and continue performing any needed research into improving the accelerated estimates.
Derivatives	Worked with members of the Treasury international capital (TIC) user group to design a quarterly survey.	Clear the survey through OMB.	Conduct the quarterly survey.	Continue to conduct the quarterly survey, and include the data in the BOP accounts.	Continue to conduct the quarterly survey, and include the data in the BOP accounts.
NAICS		Publish NAICS-based estimates for position and flows for Foreign direct investment in the United States (FDIUS); and for operations data from 1999 benchmark survey of U.S. direct investment abroad (USDIA).	Publish NAICS-based estimates from annual survey of USDIA; incorporate NAICS 2002 revisions in FDIUS operations data.	Publish NAICS-based estimates for position and flows for USDIA.	Incorporate NAICS 2002 revisions in USDIA operations data.
Improve Web Site	For BPD, began development of Web sites for all BOP data series.	For BPD, complete development of Web site. For direct investment data, redesign user interface of Web page; begin re-engineering of table production system and reformatting of historical data.	For direct investment, complete development of Web site; continue re-engineering of table production system and reformatting of historical data.	For direct investment data, complete re-engineering of table production system and reformatting of historical data.	Review and re-evaluate Web site, to ensure it effectively meets users' needs.
Utilize Stratified Sampling		Investigate feasibility of using stratified sampling in annual survey of FDIUS.	If feasible, incorporate stratified sampling in design of annual survey of FDIUS.	If feasible, use stratified sampling to conduct annual survey of FDIUS covering 2003.	Investigate feasibility of using stratified sampling in annual survey of USDIA.

INTERNATIONAL ACCOUNTS—Continued					
Programs and New Initiatives: FY 2001–2003					
Programs	2001	2002	2003	2004	2005
Quarterly Services Surveys		Design quarterly services survey and redesign annual services surveys to be integrated with quarterly survey.	Clear new and redesigned surveys; develop estimation routines and processing systems for quarterly surveys.	Implement quarterly services survey in the first quarter of 2004.	Continue to conduct quarterly services survey; consider expanding quarterly coverage to additional categories of services.
Improve Estimates of Short-Term Financial Instruments	Performed research into feasibility of adding short-term instruments to TIC surveys.	Add short-term financial instruments to TIC survey of securities claims.	Incorporate into accounts estimates of short-term financial claims from TIC survey.	Add short-term financial instruments to TIC survey of securities liabilities and incorporate estimates into the accounts.	Continue incorporating the estimates of inbound and outbound short-term instruments in the accounts.
Institute More Frequent Surveys of Portfolio Investment Assets and Liabilities	Worked with Treasury to develop annual surveys of securities liabilities.	Develop estimation routines and procedures to incorporate the results of the annual liability surveys in the accounts. Continue conducting the annual liability survey. Work with Treasury to design the annual asset survey that would cover 2003 and later years.	Continue conducting and incorporating into the accounts the results of the annual liability surveys. Continue working with Treasury to design the annual asset survey, covering 2003 and later years.	Conduct annual portfolio investment surveys of both assets and liabilities and incorporate their results into the accounts.	Conduct annual portfolio investment surveys of both assets and liabilities and incorporate their results into the accounts.
Update Estimation Methods	Reviewed and updated estimation of quarterly direct investment earnings, with particular attention to treatment of negative earnings.	Review and update quarterly direct investment distributed earnings.	Review and update estimation methods for other BOP flow accounts.		
Expand Services Data Collection (Excluding Quarterly Surveys)	Redesigned benchmark survey of selected services to improve coverage of the following categories: Trade-related, auxiliary insurance, waste treatment, e-commerce-related, and other.	Conduct redesigned benchmark survey; use preliminary results to update annual survey to cover important new services, including e-commerce-related.	Conduct updated annual survey; publish final benchmark survey results; continue research on e-commerce transactions.	Redesign benchmark survey of financial services as needed to close any gaps and ensure coverage of new services; continue research on e-commerce transactions.	Conduct redesigned benchmark survey of financial services; continue research on e-commerce transactions.
Prepare Additional Special Studies	Worked with outside researchers to analyze global expansion strategies of U.S. firms; undertook analysis of propensity of foreign manufacturing affiliates to source inputs from their U.S. parents.	Prepare an article on U.S. intra-firm trade in goods; extend analysis of propensity of foreign manufacturing affiliates to source inputs from their U.S. parents.	Prepare and publish special studies to broaden understanding and extend analysis of data of the International Economics Directorate.	Prepare and publish special studies to broaden understanding and extend analysis of data of the International Economics Directorate.	Prepare and publish special studies to broaden understanding and extend analysis of data of the International Economics Directorate.
Update Statistical Methods in Light of Changing International Statistical Standards	Performed research into areas of deviation from international standards; identified all major existing differences.	Develop revised estimates of insurance services based on average claims; perform research into estimating implicit financial services and, as appropriate, other implicit services.	Incorporate revised estimates of insurance services into international transactions accounts; make progress to resolve other major differences.	Perform additional research into areas of deviation from international standards (focusing on new standards that may be emanating from the Special Data Dissemination Standards (SDDS) and international services areas). Also, identify areas where new guidance may be forthcoming in a new Balance of Payments Manual (BPM6) and consider the feasibility and advisability of adopting the new standards for the U.S. international accounts.	Make progress in resolving all significant differences.
Electronic Data Collection	Implemented Automated Survey Transmittal and Retrieval (ASTAR) system on quarterly survey of FDIUS.	Implement ASTAR on annual surveys of transportation, remittances, and financial services.	Implement ASTAR on benchmark and new investment surveys of FDIUS and on annual surveys of construction, insurance, royalties and license fees, and selected services.	Implement ASTAR on annual survey of FDIUS.	Implement ASTAR on benchmark survey of USDIA and benchmark survey of financial services.

<b>REGIONAL ACCOUNTS</b>					
<b>Programs and New Initiatives: FY 2001–2005</b>					
<b>Programs</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
Annual/Benchmark State Personal Income (SPI) Including Disposable SPI	Prepared SPI on SIC basis.	Prepare SPI (in September 2002) with NAICS 2002 industries for the year 2001 with no overlap with SIC.	Prepare SPI with NAICS 2002 industries.	Prepare SPI with NAICS 2002 industries. Prepare comprehensive revisions.	Prepare SPI with NAICS 2002 industries. Complete comprehensive revisions.
Annual/Benchmark GSP	Prepared annual 1999 GSP estimates on SIC basis.	Prepare annual 2000 GSP estimates on SIC basis.	Prepare annual 2001 GSP estimates on SIC basis.	Prepare benchmark 2002 GSP estimates on NAICS basis with SIC overlap reference year 2002.	Prepare annual 2003 GSP estimates on NAICS basis only.
Quarterly SPI	Prepared quarterly SPI estimates with SIC industries.	Prepare quarterly SPI estimates with SIC industries.	Prepare quarterly SPI with NAICS 2002 industries for 2001 and 2002 with no overlap.	Prepare quarterly SPI with NAICS 2002 industries. Prepare comprehensive revisions.	Prepare quarterly SPI with NAICS 2002 industries. Complete comprehensive revisions.
Annual and Benchmark Local Area Personal Income (LAPI)	Prepared LAPI estimates on SIC basis.	Prepare LAPI estimates on SIC basis.	Prepare LAPI with NAICS 2002 industries for 2001 with no overlap with SIC industries.	Prepare LAPI with NAICS 2002 industries. Prepare comprehensive revisions.	Prepare LAPI with NAICS 2002 industries. Complete comprehensive revisions.
Regional Input-Output Multipliers	Evaluated feasibility of using annual I-O tables in Regional Industrial Multiplier System (RIMS).	Incorporate 1998 national annual table into RIMS.	Convert to NAICS (conversion by IED and REMD are prerequisites). Incorporate 1999 national annual I-O table into RIMS.	Prepare multipliers on NAICS basis.	Incorporate commodity flow survey estimates.
Implement NAICS—Regional Program	Converted annual survey of manufactures (ASM) from NAICS to SIC.	Convert ASM, sales tax, and BLS data from NAICS to SIC for GSP. Prepare SPI on NAICS basis.	Convert all GSP source data from NAICS to SIC. Prepare GSP estimation programs for conversion to NAICS. Prepare local area personal income on NAICS basis.	Implement NAICS with 2002 as the NAICS/SIC overlap year for GSP.	GSP estimates on NAICS basis.
<b>New Initiatives</b>					
Accelerate Metropolitan Area Personal Income (MAPI)		Begin research on acceleration of MAPI.	Document source data schedules and establish partnerships with source data agencies to accelerate data availability.	Prepare data files and develop and test estimation software to produce preliminary annual MAPI. Investigate disposable MAPI.	Produce and release accelerated estimates of preliminary annual MAPI. Continue investigation of disposable MAPI.
Accelerate GSP		Begin research on acceleration of GSP.	Prepare data files and develop estimation software. Produce advance total GSP for reference year 2002.	Implement advance estimates for 2003 total GSP. Produce experimental advance industry estimates of GSP for 1-digit industries.	Implement advance 2003 GSP for total and 1-digit industries. Begin investigating bottom-up estimates of metropolitan statistical area and BEA economic area gross product.
Accelerate LAPI			Begin research on acceleration of LAPI.	Document source data schedules and establish partnerships with source data agencies to accelerate data availability. Begin work to identify new computer processes to reduce processing time frame. Initiate research into revised BEA economic areas.	Work on new sources and methods for producing selected components of personal income. Identify new computer processes to reduce processing time frame. Develop new BEA economic areas.

REGIONAL ACCOUNTS—Continued					
Programs and New Initiatives: FY 2001–2005					
Programs	2001	2002	2003	2004	2005
Implement Results of Stock Options Research		Investigate with BLS whether stock options and other forms of compensation are consistently covered in state ES–202 wage data.	Begin research with BLS to develop ways to identify and estimate items that are not recorded in the ES–202 wage data for selected states.	Implement procedures to estimate items that are not recorded in the ES–202 wage data for selected states.	Produce regular estimates of items that are not recorded in ES–202 wage data.
Prepare State Capital Stocks	Began research on estimating State capital stock.	Experimental estimates of public sector and manufacturing capital stocks.	Experimental estimates of nonmanufacturing capital stocks.	Experimental estimates of capital stocks using IRS asset data.	Evaluation of experimental capital stock estimates.
Prepare Pensions Received by State		Continue research into producing pension distributions by State. Develop test estimates of pension distributions by State. Coordinate results within BEA.	Release addendum table to SPI, removing pension contributions and savings currently included in personal income and adding pension distributions to individuals. Continue research into what should be included as pension distributions. Coordinate results within BEA. If research results acceptable, prepare proposal for change in comprehensive revision.	Investigate alternative data sources to get more precise estimates of the receipt of pension income by geography.	Produce regular estimates of pensions received by geography.
Interagency Work—NAICS, North American Product Classification System (NAPCS), American Community Survey (ACS)	Selected new person as Economic Classification Policy Committee (ECPC) member. Continued staff support. Began NAPCS committee work. Represented BEA on ACS interagency committees.	Continue ECPC work on NAICS 2002, NAICS 2007, and NAPCS. Evaluate ACS early results.	Research use of ACS results on a regular basis. Continue ECPC staff work.	Evaluate ACS results as basis for journey-to-work estimates. Continue ECPC staff work.	Continue ECPC staff work on NAICS and NAPCS.
Bottom-up Estimate of State and Local Taxes			Investigate the feasibility of producing bottom-up estimates of property taxes by industry. Review available source data. Contact State representatives for information on unpublished source data.  Investigate the feasibility of producing bottom-up estimates of local government personal taxes. Review available source data. Contact State representatives for information on unpublished source data.	If data exists, develop methodology, database, and estimation software and produce experimental estimates of property taxes by State and industry derived from State source data.  If data exists, develop methodology, database, and estimation software and produce experimental estimates of local government taxes by State derived from State source data.	Implement bottom-up estimates of property taxes by State and industry.  Implement bottom-up estimates of local government taxes by State.
Bottom-up Estimate of Temporary Assistance for Needy Families (TANF) Components			Conduct research to identify State programs used in maintenance-of-effort reports by States to TANF. Coordinate results within BEA.	Evaluate State program maintenance of effort data for definitional differences and adjust accordingly. Document results and coordinate efforts within BEA.	Evaluate potential of regular bottom-up estimates of TANF components.
Improve Consistency of I-O, GDP, and GSP			Consult with representatives from IED and NIWD on issues related to improving consistency between State and national estimates of value added by industry.	Develop data and computer software needed to implement changes. Produce preliminary GSP estimates based on consistency improvements.	Implement changes into the GSP estimates that are consistent with improvements made in the national GDP-by-industry and I-O estimates.

SOURCE DATA IMPROVEMENT Programs and New Initiatives, FY 2001-2005					
Programs	2001	2002	2003	2004	2005
Expansion of Coverage of BLS Current Employment Survey (CES) 790 Program	Meetings with BLS about expanding the definition of income to cover all earnings and wages with a BLS tentative target date for completion of 2005.	Continue discussions with BLS about expanding definition to all employees' hours and earnings concept.	Continue discussions with BLS about expanding definition to all employees' hours and earnings concept. Explore the impact of CES probability sample design on revisions to BEA wage and salary estimates.	Continue discussions with BLS about expanding definition to all employees' hours and earnings concept.	Begin integration of BLS expansion of CES to all employees' hours and earnings concept.
Improve Timeliness of BLS 202 Program	Discussed need to improve timeliness of 202 employment and wage data.	Continue to work with BLS as they work with the State reporters to improve timeliness of the BLS 202 program.	Continue to work with BLS to improve timeliness, which will result in more timely release of quarterly SPI and annual LAPI.	Continue to work with BLS to improve timeliness, which will result in more timely release of quarterly SPI and annual LAPI.	Continue to work with BLS to improve timeliness, which will result in more timely release of quarterly SPI and annual LAPI.
Work with the Bureau of the Census to improve Data Quality and Timeliness and to Expand the Number of Intermediate Inputs Collected by Industry	Worked with Census staff to expand the detail expenses collected for 2002 Business Expenditures Survey, and Auxiliaries in the Economic Census.	Work with Census's Manufacturing and Construction Division staff to add expense items to the 2002 Economic Census forms for mining, manufacturing, and construction.	Hold meetings with Census divisions to discuss progress of 2002 Economic Census and potential requests for new special tabulations as needed.	Begin review of initial data releases from 2002 Economic Census to get early indication of impact on our programs.	Begin work with Census on questionnaire review for the 2007 Economic Census to ensure our data needs are communicated.
Expand Other Economic Census and Survey Programs	Working with Census's Governments Division to set BEA data priorities while they "retool" their processing system resulted in improved timeliness and quality of data.  Worked with Census to expand Service Annual Survey (SAS).	Work with Census's Governments Division to set BEA data priorities.  Continue working with Census to expand SAS.	Work with Census's Governments Division to set BEA data priorities.  Continue working with Census to expand SAS.	Work with Census's Governments Division to set BEA data priorities.  Continue working with Census to expand SAS.	Work with Census's Governments Division to set BEA data priorities.  Continue working with Census to expand SAS.



MANAGEMENT					
Programs and New Initiatives, FY 2001-2005					
Programs	2001	2002	2003	2004	2005
Recruit, Develop, and Retain a High-Quality, Diverse Workforce	Evaluated effectiveness of employment practices and training program.	Increase effectiveness of recruitment and retention through use of supplemental programs. Develop comprehensive workforce training program. Conduct employee survey, publish, and act on results. Examine impact of anticipated retirements.	Put in place succession planning. Act on results of employee survey. Continue use of recruitment and retention supplemental programs. Evaluate training program and develop measures for further improvements.	Evaluate effectiveness of recruitment and retention efforts. Develop measures for further improvement. Conduct employee survey, publish, and act on results.	Increase effectiveness of recruitment and retention through use of various supplemental programs. Train workforce to meet current and future challenges. Seek avenues for increased employee satisfaction.
Know, Understand, and Respond Better to Customers, Partners, and Survey Respondents	Increased outreach efforts to all customers, stakeholders, and partners.	Begin redesign of Web site. Conduct customer survey. Identify specific actions for increased outreach. Begin one-pager press releases. Hold annual users' conference.	Continue with increased outreach efforts to all customers, stakeholders, and partners. Conduct customer survey. Hold annual users' conference.	Conduct customer survey. Evaluate Web site for effectiveness. Develop additional measures for increased outreach efforts. Hold annual users' conference.	Increase outreach efforts to all customers, stakeholders and partners. Conduct customer survey. Hold annual users' conference.
Enhance BEA's Ability to Tell Budget Story to Stakeholders	Worked with ESA staff on budget and external affairs. Prepared detailed, bottom-up budget for FY 2003.	Establish external affairs function and budget staff capability. Deploy operating budgets managed by personnel costs.	Continue with bottom-up development of detailed operating budget.	Seek additional measures for improving and communicating improvements to BEA financial management.	Conduct comprehensive evaluation of external affairs and budget functions. Act on results of evaluation.
Improve and Expand the Availability and Usefulness of the Publication of BEA's Statistical Information in Print, for Electronic Media, and on the Web	Began implementation of new software to streamline and automate preparation of tables for publication.	Work with CSSD and program offices to create a unified data dissemination architecture to facilitate publication of data in printed and electronic formats. Update standards and procedures for submitting material for publication. Initiate redesign of the SURVEY and other publications for the electronic age.	Assess scope and effectiveness of BEA's dissemination activities across program areas. Implement publication design improvements. Assess desirability and feasibility of reviewing electronic products and Web postings.	Enhance presentation of the SURVEY and other publications on the Web. Identify and implement specific improvements in response to customer feedback.	Conduct comprehensive evaluation of BEA dissemination program. Initiate further actions based on this evaluation.
Improve Financial Management at BEA	Provided BEA managers with financial data necessary to manage programs.	Increase usefulness of financial data by beginning development of activity-based cost system.	Implement an activity-based cost system. Provide product cost information to managers.	Provide BEA managers with financial data necessary to manage programs.	Conduct comprehensive analysis of BEA financial management and seek measures for improvement.
Office of Chief Information Officer					
Maintain Voice Communications	Maintained voice mail system. Maintained phone system.	Maintain voice mail system. Maintain phone system.	Maintain voice mail system. Maintain phone system.	Maintain voice mail system. Maintain phone system.	Maintain voice mail system. Maintain phone system.
Major Projects	Upgraded secretarial phone systems.		Replace phone system. Replace voice mail system.		
Maintain Local Area Network	Maintained hardware, system software, backup systems. Monitored operations. Installed Bindview software to administer accounts.	Maintain hardware, system software, backup systems. Monitor operations 24 hours a day. Administer user accounts.	Maintain hardware, system software, backup systems. Monitor operations 24 hours a day. Administer user accounts.	Maintain hardware, system software, backup systems. Monitor operations 24 hours a day. Administer user accounts.	Maintain hardware, system software, backup systems. Monitor operations 24 hours a day. Administer user accounts.
Major Projects	Upgraded servers to NetWare 5.1 OS. Analyzed and procured new firewalls and VPN. Upgraded backup software—ArcServe 6.6. Upgraded Intranet hardware. Redesigned BEA Test LAN. Implemented OECD data link.	Upgrade network backup systems. Upgrade network hub, switches, and routers. Implement FAME server. Implement Storage Area Network (SAN) capability. Upgrade our network CD delivery service. Investigate new OS. Investigate server consolidation/clustering services as part of OS upgrade. Upgrade to SQL 2000. Upgrade to Windows 2000 Server. Investigate use of collaborative work flow application.	Replace file servers. Investigate and implement new operating systems. Upgrade e-mail system. Implement SAN capability.	Upgrade database operation systems. Implement new OS. Upgrade firewalls. Evaluate integrity of building wiring.	Upgrade network backup systems. Upgrade network hub, switches, and routers.

<b>MANAGEMENT—Continued</b> Programs and New Initiatives: FY 2001–2005					
Programs	2001	2002	2003	2004	2005
Maintain Workstations	Maintained desktop hardware/software support. Upgraded 260 desktop workstations. Installed 15 new personal printers and 6 network printers. Installed Zenworks for Desktops to facilitate software installs.	Maintain desktop hardware and software support. Replace 150 workstations. Replace network and personal printers. Replace laptop computers.	Maintain desktop hardware and software support. Replace 150 workstations. Replace network and personal printers.	Maintain desktop hardware and software support. Replace 150 workstations. Replace network and personal printers. Replace laptop computers.	Maintain desktop hardware and software support. Replace 150 workstations. Replace network and personal printers.
Major Projects	Upgraded to Windows 2000. Upgraded COTS software. Completed analysis for Aremos replacement and procurement of FAME software.	Upgrade Office Automation Suite. Upgrade COTS software. Develop Software Asset Management Systems.	Upgrade Office Automation Suite. Upgrade COTS software. Upgrade desktop software management system. Upgrade virus protection software.	Upgrade desktop operating system. Upgrade COTS software.	Upgrade desktop operating system. Upgrade COTS software. Upgrade desktop software management system. Upgrade virus protection software.
Provide Applications Development Support	Maintained and supported program office and administrative systems. Maintained and supported econometric software. Maintained and supported Microsoft SQL server software.	Maintain and support applications program office. Maintain and support administrative systems. Maintain and support BEA Web applications. Maintain and support econometric software. Maintain and support database software. Continue support for data conversion.	Maintain and support applications program office. Maintain and support administrative systems. Maintain and support BEA Web applications. Maintain and support econometric software. Maintain and support database software. Continue support for data conversion.	Maintain and support program office applications. Maintain and support administrative systems. Maintain and support BEA Web applications. Maintain and support econometric software. Maintain and support database software. Continue support for data conversion.	Maintain and support program office applications. Maintain and support administrative systems. Maintain and support BEA Web applications. Maintain and support econometric software. Maintain and support database software. Continue support for data conversion.
Major Projects	Completed functional requirements for NIPA IT modernization. Implemented NIPA Tables Web Application. Implemented NIPA database for Pattern Stream table production. Implemented electronic reporting for BE-577 and BE-605 and design for BE-40. Implemented GDP-by-Industry System. Completed Major Components of Benchmark I-O System. Completed prototype of IED Web system and BPD Web system. Upgraded Private Capital system. Completed analysis for Aremos replacement and procurement of FAME software.	Redesign centralized NIPA processing systems. Implement Web applications for IED and BPD. Enhance Web applications for NIWD. Continue to implement electronic reporting for BEA surveys (ASTAR). Redesign BPD Quarterly Processing System. Begin IID system Re-engineering (COBOL systems). Implement Web Mapping for Regional Division. Implement SQL2000. Conversion to FAME. Upgrade Cold Fusion Servers.	NIPA IT modernization. Upgrade Web Applications. Upgrade electronic reporting. BPD and IID system Re-engineering. GDP-by-Industry system Re-engineering. Annual/Benchmark I-O system Re-engineering. Re-engineer to generate more timely data. Re-engineer to incorporate NAICS. Continue conversion to FAME.	NIPA IT modernization. Upgrade Web Applications. BPD and IID system Re-engineering. GDP-by-Industry system Re-engineering. Annual/Benchmark I-O system Re-engineering. Re-engineer to generate more timely data. Re-engineer to incorporate NAICS. Continue conversion to FAME. Begin regional system Re-engineering.	NIPA IT modernization. Upgrade Web Applications. BPD and IID system Re-engineering. GDP-by-Industry system Re-engineering. Annual/Benchmark I-O system Re-engineering. Annual/Benchmark I-O system Re-engineering. Regional system Re-engineering.

MANAGEMENT—Continued					
Programs and New Initiative: FY 2001–2005					
Programs	2001	2002	2003	2004	2005
Provide Information Technology (IT) Training for BEA Staff	Developed and implemented 2000–2001 annual IT training plan. Provided for 120 IT training sessions for users. Conducted security refresher training.	Develop and implement annual IT training plan. Conduct IT training courses. Conduct security refresher training.	Develop and implement annual IT training plan. Conduct IT training courses. Conduct security refresher training.	Develop and implement annual IT training plan. Conduct IT training courses. Conduct security refresher training.	Develop and implement annual IT training plan. Conduct IT training courses. Conduct security refresher training.
Major Projects	Upgraded Cyber Learning online training capabilities.		Upgrade online training capabilities.		Upgrade online training capabilities.
Provide HelpDesk Support	Provided 7:30AM–5:30 PM HelpDesk support.	Provide 7:30 AM–5:30 PM HelpDesk support.	Provide 7:30 AM–5:30 PM HelpDesk support.	Provide 7:30 AM–5:30 PM HelpDesk support.	Provide 7:30 AM–5:30 PM HelpDesk support.
Major Projects	Enhanced Help Desk Tracking system.	Provide user interface to Help Desk tracking system. Investigate ways to enhance HelpDesk Support. Review and update existing IT documentation on Intranet.	Review and update existing IT documentation on Intranet.	Review and update existing IT documentation on Intranet.	Review and update existing IT documentation on Intranet.
Maintain BEA's Web site	Provided 24-hour Web hardware and software support.	Provide 24-hour Web hardware and software support.	Provide 24-hour Web hardware and software support.	Provide 24-hour Web hardware and software support.	Provide 24-hour Web hardware and software support.
Major Projects	Upgraded reporting software. Installed database capabilities including hardware.	Complete Firewall upgrades. Investigate hot failover services for Web site.	Upgrade Security infrastructure. Upgrade telecommuting infrastructure.	Upgrade Security infrastructure.	Upgrade Security infrastructure.
Deploy Plans and Policies	Updated Strategic Information Technology Plan. Provided IT project management oversight for NIPA modernization and Web site development. Prepared FY 2003 IT budgets. Updated Operational IT Plans. Updated IT architecture. Updated six Security Plans. Revised all 11 Security Plans for new NIST standards. Completed GAO, NSA, and GISRA Security Reviews. Participated on DOC CIO Security Task Force. Implemented Software Development Life Cycle Standards, Data Base Standards and Configuration Management Standards. Implemented DOC IT management restructuring plan. Updated BEA Technical Reference Model.	Update Strategic Information Technology Plan. Provide IT project management oversight. Provide IT budgetary oversight. Update Operational IT Plans. Update IT architecture. Update Security Plans. Liaison with DOC CIO. Issue Software Development standards. Implement DOC IT management restructuring. Create BEA Technical Reference Model. Enforce SAT standards. Develop e-mail Standard Operating Procedure.	Update Strategic Information Technology Plan. Provide IT project management oversight. Provide IT budgetary oversight. Update Operational IT Plans. Update IT architecture. Update Security Plans. Liaison with DOC CIO. Issue Software Development standards. Oversee DOC IT management restructuring. Create BEA Technical Reference Model. Enforce SAT standards.	Update Strategic Information Technology Plan. Provide IT project management oversight. Provide IT budgetary oversight. Update Operational IT Plans. Update IT architecture. Update Security Plans. Liaison with DOC CIO. Issue Software Development standards. Oversee DOC IT management restructuring. Create BEA Technical Reference Model. Enforce SAT standards.	Update Strategic Information Technology Plan. Provide IT project management oversight. Provide IT budgetary oversight. Update Operational IT Plans. Update IT architecture. Update Security Plans. Liaison with DOC CIO. Issue Software Development standards. Oversee DOC IT management restructuring. Create BEA Technical Reference Model. Enforce SAT standards.
Maintain IT Security		Update security plans. Conduct IT security refresher training. Monitor Computer Incident Response Team. Monitor Department of Commerce IT security initiatives and requests for information.	Update security plans. Conduct IT security refresher training. Monitor Computer Incident Response Team. Monitor Department of Commerce IT security initiatives and requests for information.	Update security plans. Conduct IT security refresher training. Monitor Computer Incident Response Team. Monitor Department of Commerce IT security initiatives and requests for information.	Update security plans. Conduct IT security refresher training. Monitor Computer Incident Response Team. Monitor Department of Commerce IT security initiatives and requests for information.

BLS Bureau of Labor Statistics  
 BPD Balance of Payments Division  
 CBAD Current Business Analysis Division  
 CSSD Computer Systems and Services Division  
 GD Government Division  
 IED Industry Economics Division  
 IMF International Monetary Fund

IRS Internal Revenue Service  
 NIWD National Income and Wealth Division  
 NIH National Institutes of Health  
 OECD Organisation for Economic Co-operation and Development  
 OMB Office of Management and Budget  
 REMD Regional Economic Measurement Division

# Annual Input-Output Accounts of the U.S. Economy, 1998

*By Mark A. Planting and Peter D. Kuhbach*

**T**HIS month, the Bureau of Economic Analysis released the 1998 annual input-output (I-O) accounts for the U.S. economy. These accounts are the third in a series of annual I-O accounts that have been prepared to improve the timeliness of the accounts: The lag between the year of measurement and the year of release has been reduced from 5 years to 3 years.

The annual I-O accounts show the flow of 97 commodities—goods and services—among 94 industries and to final uses. Final uses consist of personal consumption expenditures (PCE), gross private domestic investment, change in private inventories, exports, imports, and government consumption expenditures and gross investment. The sum of all final uses is, by definition, equal to gross domestic product (GDP). In addition, the accounts show, by industry, the contributions made by primary inputs (mainly labor and capital) to total output. By definition, these contributions, called “value-added,” also sum to GDP.

The annual I-O accounts extend and supplement the quinquennial benchmark I-O accounts, the annual GDP-by-industry accounts, and the GDP estimates. Using various indicators to extrapolate both commodity output and industry output, the accounts provide a more up-to-date picture of interindustry interactions than the benchmark I-O tables. The accounts supplement the annual GDP-by-industry estimates by providing information on industry purchases and sales that are not found in the GDP-by-industry estimates of gross output, intermediate inputs, and value added. The annual I-O accounts also provide industry information that supplements the product information contained in the GDP estimates.

The I-O accounts map the structure of production and distribution economy wide. These accounts can be used to analyze changes in the composition of GDP and the effects of these changes on different parts of the economy. For example, the industry relationships from the 1998

accounts could be used to estimate the effects of the attacks of September 11th on tourism (including hotels and air transportation) and its supplying industries or the effects of the recent increases in defense spending on a broad range of industries.

The year 1998 was the seventh year of the 9-year economic expansion of the 1990s. While consumer spending was important in sustaining the long expansion, high levels of investment, especially investment in high-tech equipment and services—computers, communication equipment, and software—played a central role. The long-term shift in the composition of U.S. output from traditional goods to services continued in the 1990s.

For assessing structural changes in the economy, the I-O estimates provide industry and product information, such as purchases of intermediate goods and services, that are not available in the final demand estimates included in GDP. Structural changes highlighted by the 1998 annual I-O accounts include the following:

- Intermediate consumption of business services—which are frequently associated with outsourcing—grew more than 12 percent in 1998, almost five times faster than intermediate consumption of all other commodities.
- Consumer spending on services grew more rapidly than consumer spending on goods in 1992–98, but the spending on goods has larger backward linkages to the rest of the economy.
- Most goods have backward linkages that exceed 2.0, indicating that a \$1 increase in final demand for goods results in at least another \$1 of demand for goods and services from the supplying industries. For example, passenger cars and trucks have a backward linkage of 2.82, indicating that a \$1 increase in final demand will result in a \$1.82 increase in the demand for goods and services from all the other industries.
- Most services have linkages that are less than

2.0. For example, finance has a linkage of 1.72, indicating that a \$1 increase in final demand results in only a \$0.72 increase in the demand for goods and services from all the other industries.

• The demand for investment commodities grew faster than overall consumer spending (either for goods or services) in 1992–98. Moreover, the backward linkages on investment commodities tend to be larger than those for consumer spending.

The 1998 I-O accounts are based on the 1992 benchmark I-O accounts and are prepared using 1998 estimates of industry and commodity output and the 1998 estimates of GDP from last summer's annual revision of the national income and product accounts (NIPA's).<sup>1</sup> The estimates of industry and commodity output are based on Census Bureau annual survey data and other annual sources.

Estimates of the intermediate and final consumption of commodities are based on relationships from the 1992 benchmark I-O accounts. These relationships are allowed to adjust to maintain consistency with the 1998 data.

### The 1998 annual I-O tables

The 1998 annual I-O accounts consist of 94 industries, 97 commodities, and 11 categories of final demand.<sup>2</sup> Two make tables, one that is based on I-O industry classifications (table 1) and an alternative that is based on the Standard Industrial Classification (SIC), show the commodities produced by each industry. Two use tables, one on the I-O basis (table 2) and one on the SIC basis, show the commodities that are consumed by each industry and final demand (table A is an aggregated version of the use table).<sup>3</sup>

1. For an overview of the I-O accounts, see Ann M. Lawson, "Benchmark Input-Output Accounts for the U.S. Economy, 1992: Make, Use, and Supplementary Tables," SURVEY OF CURRENT BUSINESS 77 (November 1997): 36–82; and "Benchmark Input-Output Accounts for the U.S. Economy, 1992: Requirements Tables," SURVEY 77 (December 1997): 22–47. For a description of the methodology for the annual I-O accounts, see Sumiye Okubo, Ann M. Lawson, and Mark A. Planting, "Annual Input-Output Accounts of the U.S. Economy, 1996," SURVEY 80 (January 2000): 37–86. For information on the NIPA revision, see Brent R. Moulton, Eugene P. Seskin, and David F. Sullivan, "Annual Revision of the National Income and Product Accounts," SURVEY 80 (August 2001): 7–120.

2. The 1992 benchmark I-O accounts consist of 494 industries, 484 commodities, and 40 categories of final demand. The 1997 benchmark accounts are scheduled to be released at the end of 2002. For more information, see the note "Upcoming Changes in the NAICS-Based 1997 Benchmark Input-Output Accounts" in this issue.

3. The make table (table 1), the use table (table 2), and the industry-by-commodity total requirements table (table 5a) in summary format are presented at the end of this article. More detailed versions of all eight tables are available electronically; see the box "Data Availability" on page 50.

**Table A.—The Use of Commodities by Industries, 1998**  
[Millions of dollars]

Commodities	Industries <sup>1</sup>										Final uses (GDP)							Total commodity output <sup>3</sup>
	Agriculture	Mining	Construction	Manufacturing	Transportation, communication, and utilities	Trade	Finance, insurance, and real estate	Services	Other <sup>2</sup>	Total intermediate use	Personal consumption expenditures	Gross private fixed investment	Changes in business inventories	Exports of goods, and services	Imports of goods and services	Government consumption expenditures and gross investment	GDP <sup>3</sup>	
Agricultural products.....	68,682	78	5,860	144,622	154	1,816	11,476	12,310	567	245,564	34,596	.....	1,236	19,563	-23,438	2,984	34,940	280,503
Minerals.....	368	31,478	7,368	81,722	52,354	31	6	32	3,061	176,417	105	956	387	6,961	-47,469	-180	-39,241	137,176
Construction.....	3,369	4,693	895	28,756	47,369	12,694	66,515	28,785	25,895	218,971	.....	577,089	.....	78	.....	210,040	787,208	1,006,179
Manufactured products.....	49,395	14,510	299,429	1,380,590	70,485	68,005	19,318	340,944	17,593	2,260,269	1,078,057	587,174	41,694	523,300	-828,893	210,188	1,611,520	3,871,789
Transportation, communication, and utilities.....	12,625	12,652	24,847	179,922	200,933	68,214	52,626	120,762	22,872	695,452	437,478	17,996	1,250	70,106	-15,367	74,784	586,248	1,281,700
Trade.....	13,948	3,498	81,671	230,668	15,081	32,685	4,925	68,036	2,646	453,157	873,411	112,475	5,127	70,298	19,586	22,215	1,103,110	1,556,267
Finance, insurance, and real estate.....	20,647	33,253	16,485	71,167	40,283	108,418	445,679	243,750	7,945	987,627	1,369,009	51,135	.....	73,154	-9,896	37,315	1,520,718	2,508,344
Services.....	8,998	5,851	103,708	240,141	144,495	219,223	191,363	530,971	13,585	1,458,335	2,010,510	166,967	25	38,456	-8,322	6,745	2,214,382	3,672,717
Other <sup>2</sup> .....	166	29	1,076	13,826	3,306	11,226	28,196	24,713	3,034	85,574	5,119	-48,174	23,409	93,720	-5,783	963,760	1,032,052	1,117,626
Noncomparable imports.....	64	1,872	.....	22,929	21,939	7,722	8,553	5,189	1,144	69,413	47,744	.....	.....	.....	-127,801	10,644	-69,413	.....
Total intermediate inputs.....	178,262	107,913	541,338	2,394,342	596,399	530,035	828,656	1,375,492	98,341	6,650,777	.....	.....	.....	.....	.....	.....	.....	.....
Value added <sup>4</sup> .....	105,028	39,826	464,841	1,559,242	653,908	1,022,277	1,718,897	2,104,140	1,113,367	.....	.....	.....	.....	.....	.....	.....	8,781,523	.....
Total industry output <sup>3</sup> .....	283,290	147,738	1,006,179	3,953,584	1,250,307	1,552,311	2,547,553	3,479,631	1,211,707	.....	5,856,029	1,465,618	73,127	895,637	-1,047,382	1,538,494	.....	15,432,301

1. The input-output (I-O) accounts use two classification systems, one for industries and another for commodities, but both systems generally use the same I-O numbers and titles.

2. "Other" consists of government enterprises, general government industry, household industry, and the inventory valuation adjustment.

3. Detail may not sum to totals due to rounding.

4. "Value added" consists of compensation of employees, indirect business tax and nontax liability, and other value added. "Other value added" consists of the following components of gross domestic income: Consumption of fixed capital, net interest, proprietors' income, corporate profits, rental income of persons, business transfer payments, and subsidies less current surplus of government enterprises.

Four requirements tables are derived from the make and use tables: One direct requirements table and three total requirements tables. The total requirements tables show the production that is required, directly and indirectly, to meet purchases from final demand. The industry-by-commodity total requirements table details all the linkages between commodity consumption and industry production. The aggregate effect of these linkages is captured in the column sums of this table and is referred to as “the backward linkage” (table 5a). The backward linkage for a commodity represents the total output required from all industries to supply \$1 of final demand for that commodity.

#### *Changes in the composition of total consumption in 1992–98*

The series of I-O accounts can be used to compare the structure of the U.S. economy over time. Changes in the use of commodities by the economy, both for domestic use and for export, are measured by changes in the composition of total consumption (table B). Total consumption is defined as total domestic commodity output plus imports less change in private inventories, and it is equal to the sum of total intermediate use and the four final use sectors (personal consumption expenditures, gross private fixed investment, exports, and government purchases). Total consumption shows the total flow of commodities from domestic and foreign sources through the economy. The consumption of commodities by sector provides indications of where structural changes are occurring (table C).

Total commodity consumption grew 5.0 percent in 1998, somewhat slower than the average annual rate of growth of 6.1 percent over the period 1992–98 (table D). This slower rate of growth reflects a slowdown in the consumption of goods commodities, which grew 2.1 percent in 1998, less than half the average rate of 5.4 percent in 1992–98.<sup>4</sup> In contrast, services commodities grew 6.7 percent in 1998, about the same as the average

4. Services' share of economic activity varies depending on the definitions used. For example, I-O services commodities as a percentage of final uses rose from 72 percent in 1992 to 73 percent in 1998; in contrast, services as a share of GDP declined from 54 percent to 53 percent. The differences in the level are largely attributable to wholesale and retail trade; in the supply-oriented I-O commodity classification system, wholesale-retail trade is considered a service, but from the perspective of final users, these services are included in the value of goods purchased. The difference in the direction of movement was due not only to wholesale-retail trade but also to eating and drinking places and to computer and data processing services, including own-account software, which is treated as services in the I-O commodity classification system but as consumer and investment goods in final demand.

rate of 6.6 percent in 1992–98. The faster growth in the consumption of services commodities further shifted total consumption from goods to services; the services' share of total consumption rose from 60.9 percent in 1992 to 62.5 percent in 1998. Among the services commodities, the fastest growth in 1998 was in finance, insurance, and real estate (8.7 percent) and services (8.4 percent), both of which grew faster than in 1992–98.

Among the goods commodities, all the major commodity groups grew more slowly in 1998 than in 1992–98. Mining declined much more substantially (–19.2 percent, compared with –0.6 percent), primarily reflecting a decline in crude petroleum and natural gas prices in 1998. Growth in manufacturing commodities slowed substantially (2.7 percent, compared with 5.5 percent).

Table E shows the fastest growing commodities among those that accounted for at least 1 percent of total consumption in 1998. These commodities, which together accounted for 43.5 percent of total consumption, are predominantly services (commodity numbers 65A and above). Among the fastest growing commodities were finance (14.0 percent), computer and data processing services (18.8 percent), and “other business and professional services” (12.9 percent), each of which grew at more than twice the rate of all commodities. Many of these commodities continued to grow in 1998 at about the same rates as in 1992–98. However, the growth rates of several commodities slowed dramatically: Computers and office equipment grew 5.0 percent in 1998, compared with 11.3 percent in 1992–97, and electronic components and accessories grew –3.4 percent, compared with 14.6 percent.

*The text continues on page 49.*

#### **Acknowledgments**

Mark A. Planting supervised the preparation of the 1998 annual input-output estimates. Sumiye Okubo, Associate Director for Industry Accounts, and Ann M. Lawson, Chief of the Industry Economics Division, provided overall guidance. Matthew D. Atkinson, Felicia V. Candela, Emily J. Dozier, Jiemin Guo, Peter D. Kuhbach, Tameka R. Lee, Bobby C. Leung, Greg R. Linder, Sherlene K.S. Lum, Demian J. McGarry, Brian C. Moyer, William H. Nicolls IV, and Robert S. Robinowitz prepared the estimates. Karen J. Horowitz provided valuable assistance.

Table B.—Commodity Output, Imports, and Total Consumption, 1992, 1997, and 1998

(Millions of dollars)

Commodity number	Description	Output			Imports			Total consumption		
		1992	1997	1998	1992	1997	1998	1992	1997	1998
	<b>ALL COMMODITIES</b>	<b>10,857,353</b>	<b>14,704,030</b>	<b>15,432,301</b>	<b>631,637</b>	<b>990,973</b>	<b>1,047,382</b>	<b>11,487,126</b>	<b>15,632,077</b>	<b>16,406,556</b>
	<b>AGRICULTURE, FORESTRY, AND FISHERIES</b>									
	Total	235,591	295,106	280,503	14,601	22,910	23,438	245,345	314,319	302,706
01	Livestock and livestock products	89,375	100,418	97,795	2,061	2,558	2,575	90,579	103,363	100,512
02	Other agricultural products	104,546	136,349	120,594	6,860	11,969	12,326	107,371	144,299	131,525
03	Forestry and fishery products	11,865	14,925	14,642	5,659	8,371	8,529	17,569	23,231	23,188
04	Agricultural, forestry, and fishery services	29,805	43,414	47,473	21	12	8	29,826	43,426	47,481
	<b>MINING</b>									
	Total	147,562	163,793	137,176	43,527	64,199	47,469	191,196	227,987	184,258
05+06	Metallic ores mining	10,739	12,879	11,384	-1,488	-1,921	-1,300	9,275	10,945	10,082
07	Coal mining	26,917	22,973	22,787	133	306	325	27,053	23,237	22,697
08	Crude petroleum and natural gas	97,623	112,799	87,491	43,984	64,550	47,240	141,712	177,546	134,802
09+10	Nonmetallic minerals mining	12,283	15,143	15,505	898	1,263	1,204	13,156	16,259	16,698
	<b>CONSTRUCTION</b>									
	Total	679,330	944,308	1,006,179				679,330	944,308	1,006,179
11	New construction, including own-account construction	456,949	640,725	696,617				456,949	640,725	696,617
12	Maintenance and repair construction, including own-account construction	222,381	303,583	309,562				222,381	303,583	309,562
	<b>MANUFACTURING</b>									
	Total	2,890,437	3,807,147	3,871,789	485,599	769,466	828,893	3,372,470	4,538,054	4,658,989
13	Ordinance and accessories	22,217	18,827	19,178	809	1,075	817	24,881	20,673	19,873
14	Food and kindred products	408,757	485,921	493,653	21,850	28,225	30,188	430,457	512,209	522,498
15	Tobacco products	40,147	41,558	46,206	1,587	1,411	1,088	39,597	41,250	45,148
16	Broad and narrow fabrics, yarn and thread mills	37,528	44,147	44,267	4,397	5,349	5,456	41,448	49,550	49,367
17	Miscellaneous textile goods and floor coverings	17,983	21,522	22,613	1,879	2,481	2,683	19,843	23,863	25,123
18	Apparel	68,637	71,751	66,520	38,484	56,319	62,541	103,224	124,639	126,953
19	Miscellaneous fabricated textile products	21,021	27,251	27,692	2,878	4,505	5,140	23,421	31,268	32,425
20+21	Lumber and wood products	87,127	117,788	119,168	7,143	14,330	14,996	93,607	130,466	132,853
22+23	Furniture and fixtures	42,849	60,223	65,126	6,026	11,354	13,662	48,690	71,574	78,187
24	Paper and allied products, except containers	98,497	114,078	116,303	10,715	15,056	16,176	108,441	128,036	131,502
25	Paperboard containers and boxes	31,743	38,413	41,730	247	520	565	31,713	38,609	41,880
26A	Newspapers and periodicals	19,895	24,336	25,053	199	222	237	20,156	24,681	25,325
26B	Other printing and publishing	81,202	98,353	100,513	1,783	2,822	3,031	82,232	99,669	102,453
27A	Industrial and other chemicals	113,359	149,370	135,276	14,375	22,147	22,028	127,005	170,720	156,978
27B	Agricultural fertilizers and chemicals	17,850	24,613	24,270	2,330	3,275	3,659	20,333	27,406	27,701
28	Plastics and synthetic materials	50,944	67,749	65,711	3,827	7,283	7,612	54,532	74,491	73,323
29A	Drugs	62,321	85,355	96,816	13,193	26,766	31,473	74,222	109,561	126,064
29B	Cleaning and toilet preparations	40,557	52,380	50,430	2,052	3,019	3,280	42,423	55,009	52,988
30	Paints and allied products	14,379	18,346	18,728	200	459	516	14,537	18,654	19,119
31	Petroleum refining and related products	149,831	175,401	139,618	11,582	13,656	11,385	161,367	188,880	152,387
32	Rubber and miscellaneous plastics products	111,813	156,843	160,807	13,253	20,071	21,521	124,071	175,471	180,892
33+34	Footwear, leather, and leather products	9,538	9,532	8,654	12,824	17,976	18,382	22,031	27,203	26,855
35	Glass and glass products	17,981	22,613	22,642	2,159	3,698	3,853	19,955	26,012	26,192
36	Stone and clay products	42,291	62,304	68,023	4,551	7,563	8,539	47,038	69,356	76,038
37	Primary iron and steel manufacturing	73,922	102,368	101,909	10,893	18,137	21,913	85,154	118,840	122,137
38	Primary nonferrous metals manufacturing	64,813	87,421	86,308	10,228	18,392	19,557	75,433	105,008	105,153
39	Metal containers	13,238	13,021	13,392	201	304	296	13,429	13,227	13,519
40	Heating, plumbing, and fabricated structural metal products	49,050	71,140	76,823	1,008	2,059	2,523	50,168	72,426	78,733
41	Screw machine products and stampings	34,564	52,688	55,001	2,628	2,751	2,889	36,975	55,184	57,379
42	Other fabricated metal products	56,518	78,094	82,284	8,510	14,631	16,202	64,961	91,900	97,274
43	Engines and turbines	17,895	24,588	26,658	2,413	3,688	4,490	20,492	28,469	30,974
44+45	Farm, construction, and mining machinery	30,946	53,075	55,789	4,754	9,919	11,273	35,423	60,911	65,335
46	Materials handling machinery and equipment	8,290	13,945	15,249	1,468	2,949	3,665	9,799	16,777	18,676
47	Metalworking machinery and equipment	27,046	40,374	40,638	5,127	10,982	11,724	32,155	50,965	52,173
48	Special industry machinery and equipment	20,218	33,615	32,421	5,881	9,782	10,248	26,205	42,951	42,710
49	General industrial machinery and equipment	29,678	40,658	40,884	7,796	12,505	12,896	37,554	52,772	53,114
50	Miscellaneous machinery, except electrical	24,946	36,739	37,947	1,895	2,587	2,768	26,900	39,001	40,158
51	Computer and office equipment	62,088	98,123	99,264	32,687	68,245	71,783	96,016	164,058	172,283
52	Service industry machinery	25,801	36,268	37,772	2,243	3,656	3,656	27,879	39,425	40,824
53	Electrical industrial equipment and apparatus	28,574	39,837	41,103	5,295	9,492	10,343	33,792	49,163	50,981
54	Household appliances	16,833	20,683	22,313	4,072	6,151	6,846	21,001	27,033	28,899

**Table B.—Commodity Output, Imports, and Total Consumption, 1992, 1997, and 1998—Continued**  
[Millions of dollars]

Commodity number	Description	Output			Imports			Total consumption		
		1992	1997	1998	1992	1997	1998	1992	1997	1998
<b>MANUFACTURING—Continued</b>										
55	Electric lighting and wiring equipment.....	19,055	25,059	26,933	4,985	7,332	7,785	23,899	32,262	34,373
56	Audio, video, and communication equipment.....	50,981	89,145	91,799	25,409	35,181	40,509	76,016	123,244	129,909
57	Electronic components and accessories.....	73,298	143,250	137,134	20,574	43,947	42,249	93,923	185,465	179,072
58	Miscellaneous electrical machinery and supplies.....	21,103	27,685	27,477	8,062	11,958	12,505	29,314	39,448	39,618
59A	Motor vehicles—passenger cars and trucks.....	149,684	221,259	230,676	58,285	87,956	93,073	206,855	306,946	322,570
59B	Truck and bus bodies, trailers, and motor vehicle parts.....	81,258	129,174	135,108	21,743	31,780	33,520	103,221	160,379	167,938
60	Aircraft and parts.....	102,154	102,433	129,376	12,153	15,475	20,384	122,318	116,608	141,056
61	Other transportation equipment.....	29,907	41,688	44,133	2,693	4,651	5,958	32,898	45,577	49,409
62	Scientific and controlling instruments.....	107,915	123,806	133,097	14,773	21,696	23,986	122,916	145,376	156,151
63	Ophthalmic and photographic equipment.....	22,745	22,644	20,721	8,153	11,176	10,756	30,530	33,347	31,102
64	Miscellaneous manufacturing.....	39,450	49,696	50,585	23,335	32,905	36,292	62,020	82,040	85,353
<b>TRANSPORTATION, COMMUNICATION, AND UTILITIES</b>										
	Total.....	932,030	1,231,397	1,281,700	7,932	14,026	15,367	939,006	1,244,152	1,295,817
65A	Railroads and related services; passenger ground transportation.....	62,058	78,362	79,667	164	194	199	62,087	78,371	79,624
65B	Motor freight transportation and warehousing.....	157,110	211,866	230,207	2,059	1,985	1,910	158,540	212,908	231,279
65C	Water transportation.....	34,347	37,136	38,469	-3,530	-4,658		30,781	33,089	33,802
65D	Air transportation.....	98,819	137,175	142,881	8,544	14,786	16,789	107,226	151,817	159,536
65E	Pipelines, freight forwarders, and related services.....	28,966	37,648	39,469				28,958	37,658	39,502
66	Communications, except radio and TV.....	205,941	314,228	343,786				205,941	314,228	343,786
67	Radio and TV broadcasting.....	2,674	5,180	5,576				2,674	5,180	5,576
68A	Electric services—utilities.....	195,695	232,885	230,091	695	1,100	1,126	196,390	233,984	231,217
68B	Gas production and distribution—utilities.....	96,155	111,176	103,121				96,144	111,177	103,063
68C	Water and sanitary services.....	50,265	65,740	68,432				50,265	65,740	68,432
<b>WHOLESALE AND RETAIL TRADE</b>										
	Total.....	1,095,148	1,499,166	1,556,267	-18,317	-19,617	-19,586	1,074,173	1,473,476	1,531,554
69A	Wholesale trade.....	568,970	804,290	812,459	-18,317	-19,617	-19,586	547,995	778,600	787,746
69B	Retail trade.....	526,178	694,876	743,808				526,178	694,876	743,808
<b>FINANCE, INSURANCE, AND REAL ESTATE</b>										
	Total.....	1,639,416	2,309,627	2,508,344	1,412	6,551	9,896	1,640,828	2,316,178	2,518,240
70A	Finance.....	390,774	639,350	729,281	265	889	891	391,039	640,239	730,171
70B	Insurance.....	231,654	337,367	344,595	1,136	5,646	8,987	232,790	343,012	353,582
71A	Owner-occupied dwellings.....	457,250	591,837	631,659				457,250	591,837	631,659
71B	Real estate and royalties.....	559,738	741,073	802,810	11	16	18	559,749	741,089	802,828
<b>SERVICES</b>										
	Total.....	2,388,808	3,390,222	3,672,717	4,027	6,880	8,322	2,392,872	3,396,784	3,681,014
72A	Hotels and lodging places.....	58,936	77,855	82,286				58,936	77,855	82,286
72B	Personal and repair services—except auto.....	92,016	119,364	127,143				92,016	119,364	127,143
73A	Computer and data processing services, including own-account software.....	152,744	305,384	362,292	225	497	596	153,010	305,568	362,868
73B	Legal, engineering, accounting, and related services.....	252,597	338,350	370,311	839	1,626	1,796	253,436	339,977	372,107
73C	Other business and professional services, except medical.....	332,385	533,214	600,791	1,632	2,449	3,750	334,017	535,663	604,541
73D	Advertising.....	138,530	186,963	198,947	615	1,361	1,254	139,145	188,324	200,201
74	Eating and drinking places.....	282,017	357,943	374,737				282,017	357,943	374,737
75	Automotive repair and services.....	164,408	251,976	264,812	6	3	6	164,410	251,974	264,813
76	Amusements.....	122,937	190,881	204,820	248	371	344	123,185	191,252	205,164
77A	Health services.....	564,607	726,052	763,827	13	9	10	564,620	726,060	763,837
77B	Educational and social services, and membership organizations.....	227,631	302,241	322,753	449	564	566	228,080	302,805	323,319
<b>SPECIAL INDUSTRIES</b>										
	Total.....	849,031	1,063,264	1,117,626	92,856	126,559	133,584	948,340	1,176,821	1,227,800
78	Federal Government enterprises.....	50,200	74,750	80,223				50,200	74,750	80,223
79	State and local government enterprises.....	30,162	43,561	44,746				30,162	43,561	44,746
80	Noncomparable imports.....				90,036	120,721	127,801	90,036	120,721	127,801
81	Scrap, used and secondhand goods.....	2,175	1,542	2,597	2,746	5,797	5,748	3,392	5,088	6,473
82	General government industry.....	764,389	920,196	954,171				764,389	920,196	954,171
83	Rest of world adjustment to final uses.....				74	40	35		74	40
84	Household industry.....	10,087	12,464	14,351				10,087	12,464	14,351
85	Inventory valuation adjustment.....	-7,982	10,751	21,538						

Note.—Total consumption of commodities is equal to commodity output plus imports less the change in private inventories. The change in private inventories is not shown separately in this table.





**Table C.—Commodity Consumption by Major Sector 1992, 1997, and 1998—Continued**  
(Millions of dollars)

Commodity number	Description	Total intermediate input use			Final uses											
					Personal consumption expenditures			Gross private fixed investment			Exports of goods and services			Government consumption expenditures and gross investment		
		1992	1997	1998	1992	1997	1998	1992	1997	1998	1992	1997	1998	1992	1997	1998
<b>MANUFACTURING—Continued</b>																
58	Miscellaneous electrical machinery and supplies.....	13,375	17,956	18,281	6,298	8,196	8,843	2,058	2,516	2,785	5,702	8,817	7,701	1,881	1,962	2,008
59A	Motor vehicles—passenger cars and trucks.....	1,844	2,747	2,477	105,552	131,931	140,843	75,132	137,584	145,479	16,336	25,125	23,672	7,991	9,559	10,099
59B	Truck and bus bodies, trailers, and motor vehicle parts.....	74,459	114,268	119,401	4,277	5,728	6,442	4,981	8,963	10,944	16,995	28,633	28,250	2,509	2,787	2,901
60	Aircraft and parts.....	29,930	27,310	33,433	465	219	322	13,676	13,838	20,045	40,656	48,545	59,631	37,591	26,696	27,626
61	Other transportation equipment.....	3,092	4,604	4,739	11,958	17,128	18,508	4,741	10,644	11,905	3,354	4,388	4,925	9,753	8,813	9,332
62	Scientific and controlling instruments.....	25,540	34,869	38,546	5,479	6,487	8,049	43,637	54,616	59,230	17,864	28,631	29,163	30,396	20,773	21,163
63	Ophthalmic and photographic equipment.....	9,589	8,967	7,705	6,240	7,815	7,685	6,915	7,746	7,464	3,453	4,322	4,070	4,333	4,497	4,178
64	Miscellaneous manufacturing.....	13,526	15,807	16,638	36,410	49,611	53,099	5,365	7,299	7,805	4,427	6,623	6,032	2,292	2,701	1,779
<b>TRANSPORTATION, COMMUNICATION, AND UTILITIES</b>																
	Total.....	501,698	668,796	695,452	313,170	418,531	437,478	11,717	16,523	17,996	54,322	69,732	70,106	58,099	70,569	74,784
65A	Railroads and related services; passenger ground transportation.....	32,452	40,100	40,085	19,504	25,156	26,601	957	1,278	1,301	3,973	5,349	5,076	5,201	6,488	6,562
65B	Motor freight transportation and warehousing.....	110,656	151,259	165,264	25,965	33,873	36,578	4,138	5,837	6,503	10,161	14,754	15,211	7,620	7,186	7,723
65C	Water transportation.....	12,771	14,552	15,779	6,249	6,081	6,440	18	6	7	9,695	10,243	9,420	2,048	2,208	2,156
65D	Air transportation.....	39,502	58,626	63,224	36,404	52,422	56,033	1,539	2,519	2,684	23,317	30,591	29,726	6,464	7,659	7,869
65E	Pipelines, freight forwarders, and related services.....	22,544	29,961	31,524	3,474	4,326	4,482	.....	.....	.....	2,700	3,090	3,125	240	281	372
66	Communications, except radio and TV.....	95,074	150,284	166,320	90,397	134,243	144,911	5,065	6,884	7,501	3,596	4,931	6,612	11,809	17,887	18,441
67	Radio and TV broadcasting.....	835	1,747	1,827	1,839	3,433	3,750	.....	.....	.....	.....	.....	.....	.....	.....	.....
68A	Electric services—utilities.....	98,868	117,390	110,788	79,337	93,742	96,346	.....	.....	.....	267	283	453	17,918	22,569	23,631
68B	Gas production and distribution—utilities.....	61,944	69,097	64,744	29,537	36,565	32,546	.....	.....	.....	548	428	420	4,115	5,087	5,353
68C	Water and sanitary services.....	27,052	35,780	35,898	20,464	28,692	29,793	.....	.....	.....	65	63	64	2,684	1,205	2,677
<b>WHOLESALE AND RETAIL TRADE</b>																
	Total.....	320,451	448,860	453,157	629,893	823,726	873,411	62,525	106,057	112,475	44,746	73,343	70,298	16,558	21,491	22,215
69A	Wholesale trade.....	280,569	394,971	394,484	158,445	206,570	213,698	48,167	82,260	87,088	44,726	73,311	70,264	16,088	21,489	22,213
69B	Retail trade.....	39,882	53,889	58,673	471,448	617,156	659,713	14,358	23,797	25,387	20	32	33	470	2	2
<b>FINANCE, INSURANCE, AND REAL ESTATE</b>																
	Total.....	584,145	886,148	987,627	960,078	1,280,702	1,369,009	28,407	43,539	51,135	39,510	69,079	73,154	28,688	36,709	37,315
70A	Finance.....	163,754	288,601	343,557	198,007	304,148	336,268	.....	.....	.....	17,142	30,822	33,197	12,136	16,669	17,150
70B	Insurance.....	90,095	146,682	151,107	138,181	189,765	196,833	.....	.....	.....	1,685	3,515	3,246	2,829	3,050	2,397
71A	Owner-occupied dwellings.....	.....	.....	.....	457,250	591,837	631,659	.....	.....	.....	.....	.....	.....	.....	.....	.....
71B	Real estate and royalties.....	330,296	450,865	492,963	166,640	194,952	204,249	28,407	43,539	51,135	20,683	34,742	36,711	13,723	16,991	17,769
<b>SERVICES</b>																
	Total.....	870,832	1,324,207	1,458,335	1,413,094	1,893,544	2,010,510	80,020	139,971	166,967	19,530	35,226	38,456	9,397	3,836	6,745
72A	Hotels and lodging places.....	27,260	36,057	38,642	29,881	40,071	41,874	.....	.....	.....	48	114	120	1,747	1,613	1,649
72B	Personal and repair services—except auto.....	23,579	30,108	31,528	65,602	85,560	91,759	.....	.....	.....	42	74	78	2,793	3,622	3,777
73A	Computer and data processing services, including own-account software.....	50,237	120,766	142,963	2,444	8,476	10,252	64,235	120,335	145,416	3,092	4,406	4,571	33,003	51,585	59,666
73B	Legal, engineering, accounting, and related services.....	179,136	245,113	269,804	45,781	56,367	60,186	15,785	19,636	21,552	5,013	8,542	9,694	7,721	10,318	10,872
73C	Other business and professional services, except medical.....	271,050	453,549	518,753	20,917	28,581	31,190	.....	.....	.....	5,677	9,086	9,811	36,373	44,447	44,787
73D	Advertising.....	136,364	184,119	196,008	676	1,053	1,090	.....	.....	.....	531	921	774	1,574	2,231	2,329
74	Eating and drinking places.....	41,383	47,969	47,178	242,151	311,168	329,080	.....	.....	.....	328	710	739	-1,845	-1,905	-2,260
75	Automotive repair and services.....	70,073	99,065	104,016	90,099	146,108	153,378	.....	.....	.....	34	1,183	1,591	4,204	5,618	5,829
76	Amusements.....	41,927	66,266	69,355	78,466	117,315	127,297	.....	.....	.....	4,289	9,380	10,274	-1,497	-1,709	-1,762
77A	Health services.....	13,484	15,923	17,783	611,328	798,000	838,616	.....	.....	.....	26	204	227	-60,218	-88,067	-92,790
77B	Educational and social services, and membership organizations.....	16,339	25,272	22,303	225,749	300,845	325,789	.....	.....	.....	450	607	577	-14,458	-23,918	-25,350
<b>SPECIAL INDUSTRIES</b>																
	Total.....	98,369	145,037	154,986	23,172	43,894	52,864	-30,293	-46,033	-48,174	73,385	95,055	93,720	783,707	938,868	974,404
78	Federal Government enterprises.....	39,448	61,052	66,367	6,881	8,511	8,731	.....	.....	.....	188	273	290	3,683	4,914	4,835
79	State and local government enterprises.....	6,810	10,107	10,628	22,489	32,220	32,842	.....	.....	.....	.....	.....	.....	863	1,234	1,277
80	Noncomparable imports.....	44,964	66,110	69,413	33,009	43,989	47,744	.....	.....	.....	.....	.....	.....	12,063	10,623	10,644
81	Scrap, used and secondhand goods.....	7,147	7,768	8,579	17,187	34,555	35,726	-30,293	-46,033	-48,174	5,872	6,075	6,057	3,479	2,724	4,286
82	General government industry.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	764,389	920,196	954,171
83	Rest of world adjustment to final uses.....	.....	.....	.....	-66,481	-87,844	-86,530	.....	.....	.....	67,325	88,707	87,374	-770	-823	-809
84	Household industry.....	.....	.....	.....	10,087	12,464	14,351	.....	.....	.....	.....	.....	.....	.....	.....	.....
85	Inventory valuation adjustment.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

NOTE.—Total consumption is defined as total domestic commodity output plus imports less change in private inventories, and it is equal to the sum of total intermediate use, personal consumption expenditures, gross private fixed investment, exports, and government purchases.

Table D.—Total Consumption Growth Rates and Shares by Major Commodity Group, 1992–98

Commodity	Total consumption			Average annual rate of growth of consumption (percent)		Share of total commodity consumption (percent)	
	1992	1997	1998	1992–98	1997–98	1992	1998
<b>All commodities</b> .....	<b>11,487,126</b>	<b>15,632,077</b>	<b>16,406,556</b>	<b>6.1</b>	<b>5.0</b>	<b>100.0</b>	<b>100.0</b>
Goods commodities.....	4,491,907	6,024,667	6,152,131	5.4	2.1	39.1	37.5
Agriculture, forestry, and fisheries.....	245,345	314,319	302,706	3.6	-3.7	2.1	1.8
Mining.....	191,196	227,987	184,258	-0.6	-19.2	1.7	1.1
Construction.....	679,330	944,308	1,006,179	6.8	6.6	5.9	6.1
Manufacturing.....	3,376,036	4,538,054	4,658,989	5.5	2.7	29.4	28.4
Services commodities.....	6,995,219	9,607,410	10,254,425	6.6	6.7	60.9	62.5
Transportation, communication, and utilities.....	939,006	1,244,152	1,295,817	5.5	4.2	8.2	7.9
Wholesale and retail trade.....	1,074,173	1,473,476	1,531,554	6.1	3.9	9.4	9.3
Finance, insurance, and real estate.....	1,640,828	2,316,178	2,518,240	7.4	8.7	14.3	15.3
Services.....	2,392,872	3,396,784	3,681,014	7.4	8.4	20.8	22.4
Special industries.....	948,340	1,176,821	1,227,800	4.4	4.3	8.3	7.5

Table E.—Commodities with Fastest Growing Consumption, 1992–98

Commodity number	Description	Consumption (millions of dollars)	Percent of total commodity consumption	Average annual rate of growth of consumption			
				1992–98		1997–98	
				Percent	Rank	Percent	Rank
11	New construction, including own-account construction.....	696,617	4.2	7.3	11	8.7	14
32	Rubber and miscellaneous plastics products.....	180,892	1.1	6.5	15	3.1	51
51	Computer and office equipment.....	172,283	1.1	10.2	5	5.0	41
57	Electronic components and accessories.....	179,072	1.1	11.4	2	-3.4	83
59A	Motor vehicles (passenger cars and trucks).....	322,570	2.0	7.7	10	5.1	39
59B	Truck and bus bodies, trailers, and motor vehicles parts.....	167,938	1.0	8.5	8	4.7	43
65B	Motor freight transportation and warehousing.....	231,279	1.4	6.5	16	8.6	16
65D	Air transportation.....	159,536	1.0	6.8	13	5.1	40
66	Communications, except radio and TV.....	343,786	2.1	8.9	6	9.4	10
69A	Wholesale trade.....	787,746	4.8	6.2	18	1.2	69
70A	Finance.....	730,171	4.5	11.0	3	14.0	4
70B	Insurance.....	353,582	2.2	7.2	12	3.1	52
71B	Real estate and royalties.....	802,828	4.9	6.2	19	8.3	19
73A	Computer and data processing services, including own-account software.....	362,868	2.2	15.5	1	18.8	2
73B	Legal, engineering, accounting, and related services.....	372,107	2.3	6.6	14	9.5	8
73C	Other business and professional services, except medical.....	604,541	3.7	10.4	4	12.9	5
73D	Advertising.....	200,201	1.2	6.3	17	6.3	31
75	Automotive repair and services.....	264,813	1.6	8.3	9	5.1	38
76	Amusements.....	205,164	1.3	8.9	7	7.3	23

Table F.—Growth and Composition of Commodities Used for Private Fixed Investment, 1992–98

Commodity number	Description	1998		Average annual rate of growth of consumption (percent)		1998 Backward linkage
		Investment (millions of dollars)	Percent of total investment	1992–98	1997–98	
	<b>Total</b> .....	<b>1,465,618</b>	<b>100.0</b>	<b>9.5</b>	<b>10.4</b>	<b>2,056</b>
	<b>Largest commodities</b> .....	<b>1,387,982</b>	<b>94.7</b>	<b>9.5</b>	<b>10.3</b>	<b>2,052</b>
11	New construction, including own-account construction.....	542,027	37.0	8.1	11.0	2,040
12	Maintenance and repair construction, including own-account construction.....	35,062	2.4	9.5	6.0	2,003
22+23	Furniture and fixtures.....	24,313	1.7	7.1	4.2	2,053
44+45	Farm, construction, and mining machinery.....	39,916	2.7	14.4	10.6	2,079
47	Metalworking machinery and equipment.....	30,195	2.1	9.4	2.9	1,832
48	Special industry machinery and equipment.....	28,213	1.9	9.0	4.3	2,034
49	General industrial machinery and equipment.....	16,973	1.2	7.0	-0.5	1,943
51	Computer and office equipment.....	67,317	4.6	10.9	4.6	2,656
56	Audio, video, and communication equipment.....	48,634	3.3	12.1	10.5	2,285
59A	Motor vehicles (passenger cars and trucks).....	145,479	9.9	11.6	5.7	2,823
60	Aircraft and parts.....	20,045	1.4	6.6	44.8	1,978
62	Scientific and controlling instruments.....	59,230	4.0	5.2	8.4	1,874
69A	Wholesale trade.....	87,088	5.9	10.4	5.9	1,596
69B	Retail trade.....	25,387	1.7	10.0	6.7	1,557
71B	Real estate and royalties.....	51,135	3.5	10.3	17.4	1,430
73A	Computer and data processing services, including own-account software.....	145,416	9.9	14.6	20.8	1,767
73B	Legal, engineering, accounting, and related services.....	21,552	1.5	5.3	9.8	1,547
	All other commodities.....	77,636	5.3	8.4	12.1	2,094

NOTE.—The backward linkage for a commodity represents the total output required from all industries to supply \$1 of final demand for that commodity.

Consumption of investment commodities, a component of final demand, increased at an average annual growth rate of 9.5 percent in 1992–98, and it grew 10.4 percent in 1998 (table F). Aircraft grew much faster in 1998, at 44.8 percent, than its average annual growth rate of 6.6 percent in 1992–98 and its 1992–97 rate of 0.2 percent. Real estate and royalties grew 17.4 percent in 1998, compared with 10.3 percent in 1992–98; computer and data processing grew 20.8 percent, compared with 14.6 percent; and new construction grew 11.0 percent, compared with 8.1 percent. In contrast, general industrial machinery declined 0.5 percent in 1998, compared with an average annual growth rate of 7.0 percent in 1992–98; computer and office equipment grew 4.6 percent, compared with 10.9 percent; and motor vehicles (passenger cars and trucks) grew 5.7 percent, compared with 11.6 percent.

Changes in investment demand have a substantial impact on the output of many industries because of the large backward linkages that are typical of capital goods production. Many of the investment commodities have backward linkages that exceed 2.0, indicating that an increase in the demand for these commodities will result in a doubling of production across all industries. For example, in 1998, a \$4.6 billion increase in the demand for audio, video, and communication equipment resulted in a \$10.5 billion increase in production across all industries.

Changes in the intermediate consumption of

commodities—commodities consumed by businesses in order to produce their output—were dominated by continued strong growth in the demand for business services. In 1998, intermediate consumption of these services—which are frequently associated with outsourcing—grew 12.4 percent, almost five times faster than intermediate consumption of all other commodities. Within business services, intermediate consumption of “computer and data processing services, including own-account software” grew 18.4 percent, “other business and professional services, except medical” grew 14.4 percent, and “legal, engineering, accounting, and related services” grew 10.1 percent (table G).

**Table G.—Growth Rates for Business Services, 1992–98**

Commodity number	Description	1998 Intermediate consumption (millions of dollars)	Average annual rate of growth of consumption (percent)	
			1992–98	1997–98
73A	Computer and data processing services, including own-account software .....	142,963	19.0	18.4
73B	Legal, engineering, accounting, and related services.....	269,804	7.1	10.1
73C	Other business and professional services, except medical .....	518,753	11.4	14.4

Growth in the demand for PCE commodities, a component of final demand, continued at about the same rate in 1998 as in 1992–98. The growth was primarily in services commodities, which account for most of PCE and which generally grow faster than the average for all commodities in PCE (table H). Most commodities grew at approxi-

**Table H.—Growth and Composition of Commodities Used for Personal Consumption, 1992–98**

Commodity number	Description	1998		Average annual rate of growth of consumption (percent)		1998 Backward linkage
		Consumption (millions of dollars)	Percent of total consumption	1992–98	1997–98	
	Total .....	5,856,029	100.0	5.7	5.9	1.782
	Largest commodities.....	5,071,122	86.6	5.7	6.2	1.765
14	Food and kindred products.....	290,997	5.0	2.7	2.9	2.626
18	Apparel.....	100,336	1.7	3.6	3.1	2.529
29A	Drugs .....	73,132	1.2	8.9	15.8	1.747
59A	Motor vehicles (passenger cars and trucks).....	140,843	2.4	4.9	6.8	2.823
65D	Air transportation .....	56,033	1.0	7.5	6.9	1.865
66	Communications, except radio and TV .....	144,911	2.5	8.2	7.9	1.777
68A	Electric services (utilities) .....	96,346	1.6	3.3	2.8	1.668
69A	Wholesale trade.....	213,698	3.6	5.1	3.5	1.596
69B	Retail trade .....	659,713	11.3	5.8	6.9	1.557
70A	Finance.....	336,268	5.7	9.2	10.6	1.724
70B	Insurance.....	196,833	3.4	6.1	3.7	2.074
71A	Owner-occupied dwellings .....	631,659	10.8	5.5	6.7	1.255
71B	Real estate and royalties.....	204,249	3.5	3.4	4.8	1.430
72B	Personal and repair services (except auto).....	91,759	1.6	5.8	7.2	1.685
73B	Legal, engineering, accounting, and related services .....	60,186	1.0	4.7	6.8	1.574
74	Eating and drinking places .....	329,080	5.6	5.2	5.8	2.046
75	Automotive repair and services .....	153,378	2.6	9.3	5.0	1.895
76	Amusements .....	127,297	2.2	8.4	8.5	1.724
77A	Health services.....	838,616	14.3	5.4	5.1	1.695
77B	Educational and social services, and membership organizations .....	325,789	5.6	6.3	8.3	1.812
	All other commodities .....	784,907	13.4	5.3	4.1	1.881

NOTE.—The backward linkage for a commodity represents the total output required from all industries to supply \$1 of final demand for that commodity.

mately the same rates in 1998 as in 1992–98, but several did not. The growth rate of drugs in 1998, at 15.8 percent, was almost twice the 8.9-percent growth rate in 1992–98, and the growth rate of motor vehicles (passenger cars and trucks) was 6.8 percent, compared with 4.9 percent. In contrast, the growth rate of automotive repair services in 1998, at 5.0 percent, was about half the 9.3-percent growth rate in 1992–98, and the growth rate of insurance was 3.7 percent, compared with 6.1 percent.

The backward linkages for PCE commodities vary; the demand for goods generally has larger linkages, usually greater than 2.0, and the demand for services generally has smaller linkages, usually less than 2.0. In 1992–98, the commodities that grew the fastest—mainly services—tended to have lower backward linkages, so the impact on the other industries of the growth in demand for consumer spending on these commodities was not as

great as the impact of the growth in demand for investment commodities.

#### Data Availability

The estimates for 94 industries, 97 commodities and 11 categories of final demand at the input-output (I-O) two-digit level—including alternative estimates of the make and use tables on an approximate 1987 Standard Industrial Classification (SIC) basis—and a discussion of the matrix algebra underlying the derivation of the tables are available on BEA's Web site. Go to <[www.bea.doc.gov](http://www.bea.doc.gov)>, click on "Gross product and input-output data," and look under "Input-Output data."

In early 2002, the data from the 1992 benchmark I-O accounts and the 1996, 1997, and 1998 annual I-O accounts will be available interactively on BEA's Web site. Users will be able to select data from any of the published tables.

The I-O two-digit estimates are also available on diskette for \$20—product number NDN-0291. To order, call the BEA Order Desk at 1-800-704-0415 (outside the United States, call 202-606-9666).

*An appendix and tables 1, 2, and 5a follow.*

**Appendix.—Classification of Industries in the Annual Input-Output Accounts**

[An asterisk preceding a Standard Industrial Classification (SIC) code indicates that the SIC industry is included in more than one I-O industry.]

I-O number	I-O title	Related 1987 SIC codes	I-O number	I-O title	Related 1987 SIC codes
<b>AGRICULTURE, FORESTRY, AND FISHERIES</b>					
01	Livestock and livestock products .....	*01, *02	55	Electric lighting and wiring equipment .....	364
02	Other agricultural products .....	*01, *02	56	Audio, video, and communication equipment .....	365, 366
03	Forestry and fishery products .....	081, 083, 091, 097	57	Electronic components and accessories .....	367
04	Agricultural, forestry, and fishery services .....	0254, *0279, 071, 072, 075, 076, 078, 085, 092	58	Miscellaneous electrical machinery and supplies .....	369
			59A	Motor vehicles (passenger cars and trucks) .....	3711
			59B	Truck and bus bodies, trailers, and motor vehicles parts .....	3713-5
			60	Aircraft and parts .....	372, 3764, 3769
			61	Other transportation equipment .....	3716, 373-5, 3792, 3799
<b>MINING</b>					
05+06	Metallic ores mining .....	101-6, *108, 109	62	Scientific and controlling instruments .....	381, 382, 384, 387
07	Coal mining .....	121-3, *124	63	Ophthalmic and photographic equipment .....	385, 386
08	Crude petroleum and natural gas .....	131, 132, *138	64	Miscellaneous manufacturing .....	39
09+10	Nonmetallic minerals mining .....	141-7, *148, 149	<b>TRANSPORTATION, COMMUNICATION, AND UTILITIES</b>		
<b>CONSTRUCTION</b>					
11	New construction, including own-account construction ....	*108, *124, *138, *148, *15, *16, *17, 6552	65A	Railroads and related services; passenger ground transportation .....	40, 41, 474
12	Maintenance and repair construction, including own-account construction .....	*138, *15, *16, *17	65B	Motor freight transportation and warehousing .....	42
<b>MANUFACTURING</b>					
13	Ordinance and accessories .....	348, 3761, 3795	65C	Water transportation .....	44
14	Food and kindred products .....	20	65D	Air transportation .....	45
15	Tobacco products .....	21	65E	Pipelines, freight forwarders, and related services .....	46, 472, 473, 478
16	Broad and narrow fabrics, yarn and thread mills .....	221 4, *226, 228	66	Communications, except radio and TV .....	481, 482, 484, 489
17	Miscellaneous textile goods and floor coverings .....	227, 229	67	Radio and TV broadcasting .....	483
18	Apparel 225, .....	231-8	68A	Electric services (utilities) .....	491, 4931
19	Miscellaneous fabricated textile products .....	239	68B	Gas production and distribution (utilities) .....	492, 4932, 4939
20+21	Lumber and wood products .....	24	68C	Water and sanitary services .....	494-7
22+23	Furniture and fixtures .....	25	<b>WHOLESALE AND RETAIL TRADE</b>		
24	Paper and allied products, except containers .....	261, 262, 263, 267	69A	Wholesale trade .....	50, 51
25	Paperboard containers and boxes .....	265	69B	Retail trade .....	52-7, 59
26A	Newspapers and periodicals .....	271, 272	<b>FINANCE, INSURANCE, AND REAL ESTATE</b>		
26B	Other printing and publishing .....	273-9	70A	Finance .....	60-2, 67 (excluding 6732)
27A	Industrial and other chemicals .....	281, 286, 289	70B	Insurance .....	63, 64
27B	Agricultural fertilizers and chemicals .....	287	71A	Owner-occupied dwellings .....	
27C	Plastics and synthetic materials .....	282	71B	Real estate and royalties .....	65 (excluding 6552)
28	Plastics and synthetic materials .....	282	<b>SERVICES</b>		
29A	Drugs .....	283	72A	Hotels and lodging places .....	70
29B	Cleaning and toilet preparations .....	284	72B	Personal and repair services (except auto) .....	72, 762-4
30	Paints and allied products .....	285	73A	Computer and data processing services, including own-account software .....	737
31	Petroleum refining and related products .....	29	73B	Legal, engineering, accounting, and related services ....	81, 871, 872, 89
32	Rubber and miscellaneous plastics products .....	30	73C	Other business and professional services, except medical .....	732-6, 738, 769, 8731, 8732, 8734, 874
33+34	Footwear, leather, and leather products .....	31	73D	Advertising .....	731
35	Glass and glass products .....	321-3	74	Eating and drinking places .....	58
36	Stone and clay products .....	324-9	75	Automotive repair and services .....	75
37	Primary iron and steel manufacturing .....	331, 332, 339, 3462	76	Amusements .....	78, 79
38	Primary nonferrous metals manufacturing .....	333-6, 3463	77A	Health services .....	074, 80
39	Metal containers .....	341	77B	Educational and social services, and membership organizations .....	6732, 82-4, 86, 8733
40	Heating, plumbing, and fabricated structural metal products .....	343, 344	<b>SPECIAL INDUSTRIES</b>		
41	Screw machine products and stamping .....	345, 3465-9	78	Federal Government enterprises .....	(1)
42	Other fabricated metal products .....	342, 347, 349	79	State and local government enterprises .....	(1)
43	Engines and turbines .....	351	80	Noncomparable imports .....	(2)
44+45	Farm, construction, and mining machinery .....	352, 3531-3	81	Scrap, used and secondhand goods .....	(3)
46	Materials handling machinery and equipment .....	3534-7	82	General government industry .....	(4)
47	Metalworking machinery and equipment .....	354	83	Rest of the world adjustment to final uses .....	(5)
48	Special industry machinery and equipment .....	355	84	Household industry .....	(6)
49	General industrial machinery and equipment .....	356	85	Inventory valuation adjustment .....	(7)
50	Miscellaneous machinery, except electrical .....	359			
51	Computer and office equipment .....	357			
52	Service industry machinery .....	358			
53	Electrical industrial equipment and apparatus .....	361, 362			
54	Household appliances .....	363			

1. The SIC assigns codes to activities regardless of whether the establishment is owned by private firms or government agency. In the I-O accounts, SIC codes are used only to classify private activities.

2. Noncomparable imports include imported services that are not commercially produced in the United States, and goods and services that are produced abroad and used abroad by U.S. residents for example, U.S. Federal Government defense spending abroad.

3. Scrap is a secondary product of many industries, and used goods are sales and purchases typically between final uses. Industry output is zero because there is no primary producing industry. The sales are shown as negative values in the use table.

4. Industry output is defined as the compensation of employees and consumption of fixed capital of general government agencies. The compensation of employees engaged in construction work is included in construction. The compensation of employees engaged in the production of own-account software is included in computer and data processing services.

5. The commodity entries include adjustments among PCE and government expenditures to eliminate counting the expenditures by foreign residents in both exports and PCE or government expenditures.

6. Industry output is defined as the compensation of domestic household workers.

7. The inventory valuation adjustment removes inventory profits and losses from business income.

Table 1.—The Make of Commodities

(Millions of dollars)

Industry number	For the distribution of industries producing a commodity, read the column for that commodity	Livestock and livestock products	Other agricultural products	Forestry and fishery products	Agricultural, forestry, and fishery services	Metallic ores mining	Coal mining	Crude petroleum and natural gas	Nonmetallic minerals mining	New construction, including own-account construction	Maintenance and repair construction, including own-account construction
	For the distribution of commodities produced by an industry, read the row for that industry										
Commodity number		01	02	03	04	05+06	07	08	09+10	11	12
01	Livestock and livestock products.....	97,795		160	787						
02	Other agricultural products.....		120,594	3,271	1,645						
03	Forestry and fishery products.....			11,212							
04	Agricultural, forestry, and fishery services.....				45,042						
05+06	Metallic ores mining.....					11,381	8				
07	Coal mining.....						22,776			11	
08	Crude petroleum and natural gas.....							87,491		2	
09+10	Nonmetallic minerals mining.....					12	3		15,493		
11	New construction, including own-account construction.....									696,617	
12	Maintenance and repair construction, including own-account construction.....										309,562
13	Ordnance and accessories.....										
14	Food and kindred products.....										
15	Tobacco products.....										
16	Broad and narrow fabrics, yarn and thread mills.....										
17	Miscellaneous textile goods and floor coverings.....										
18	Apparel.....										
19	Miscellaneous fabricated textile products.....										
20+21	Lumber and wood products.....										
22+23	Furniture and fixtures.....										
24	Paper and allied products, except containers.....										
25	Paperboard containers and boxes.....										
26A	Newspapers and periodicals.....										
26B	Other printing and publishing.....										
27A	Industrial and other chemicals.....										
27B	Agricultural fertilizers and chemicals.....										
28	Plastics and synthetic materials.....										
29A	Drugs.....										
29B	Cleaning and toilet preparations.....										
30	Paints and allied products.....										
31	Petroleum refining and related products.....										
32	Rubber and miscellaneous plastics products.....										
33+34	Footwear, leather, and leather products.....										
35	Glass and glass products.....										
36	Stone and clay products.....										
37	Primary iron and steel manufacturing.....										
38	Primary nonferrous metals manufacturing.....										
39	Metal containers.....										
40	Heating, plumbing, and fabricated structural metal products.....										
41	Screw machine products and stampings.....										
42	Other fabricated metal products.....										
43	Engines and turbines.....										
44+45	Farm, construction, and mining machinery.....										
46	Materials handling machinery and equipment.....										
47	Metalworking machinery and equipment.....										
48	Special industry machinery and equipment.....										
49	General industrial machinery and equipment.....										
50	Miscellaneous machinery, except electrical.....										
51	Computer and office equipment.....										
52	Service industry machinery.....										
53	Electrical industrial equipment and apparatus.....										
54	Household appliances.....										
55	Electric lighting and wiring equipment.....										
56	Audio, video, and communication equipment.....										
57	Electronic components and accessories.....										
58	Miscellaneous electrical machinery and supplies.....										
59A	Motor vehicles (passenger cars and trucks).....										
59B	Truck and bus bodies, trailers, and motor vehicles parts.....										
60	Aircraft and parts.....										
61	Other transportation equipment.....										
62	Scientific and controlling instruments.....										
63	Ophthalmic and photographic equipment.....										
64	Miscellaneous manufacturing.....										
65A	Railroads and related services; passenger ground transportation.....										
65B	Motor freight transportation and warehousing.....										
65C	Water transportation.....										
65D	Air transportation.....										
65E	Pipelines, freight forwarders, and related services.....										
66	Communications, except radio and TV.....										
67	Radio and TV broadcasting.....										
68A	Electric services (utilities).....										
68B	Gas production and distribution (utilities).....										
68C	Water and sanitary services.....										
69A	Wholesale trade.....										
69B	Retail trade.....										
70A	Finance.....										
70B	Insurance.....										
71A	Owner-occupied dwellings.....										
71B	Real estate and royalties.....										
72A	Hotels and lodging places.....										
72B	Personal and repair services (except auto).....										
73A	Computer and data processing services, including own-account software.....										
73B	Legal, engineering, accounting, and related services.....										
73C	Other business and professional services, except medical.....										
73D	Advertising.....										
74	Eating and drinking places.....										
75	Automotive repair and services.....										
76	Amusements.....										
77A	Health services.....										
77B	Educational and social services, and membership organizations.....										
78	Federal Government enterprises.....										
79	State and local government enterprises.....										
82	General government industry.....										
84	Household industry.....										
85	Inventory valuation adjustment.....										
T	Total commodity output.....	97,795	120,594	14,642	47,473	11,394	22,787	87,491	15,505	696,617	309,562

by Industries, 1998  
at producers' prices]

Ordnance and accessories	Food and kindred products	Tobacco products	Broad and narrow fabrics, yarn and thread mills	Miscellaneous textile goods and floor coverings	Apparel	Miscellaneous fabricated textile products	Lumber and wood products	Furniture and fixtures	Paper and allied products, except containers	Paperboard containers and boxes	Newspapers and periodicals	Other printing and publishing	Industrial and other chemicals	Agricultural fertilizers and chemicals	Industry number
13	14	15	16	17	18	19	20+21	22+23	24	25	26A	26B	27A	27B	
	923						241								01
															02
															03
															04
													2		05+06
													4		07
													102		08
													1,679		09+10
															11
															12
18,483						11			1				20		13
	491,912	46,186				1,968			40	11			1,066	2	14
			43,525	174	322	258			4				13		15
			28	21,097	6	567	1	1	1						16
			578	58	66,117	24,379			2						17
			123	186	14	4	6	68	33				97		18
						4	117,363	150	33	14					19
						40	426	64,349	16				12		20+21
7	1					89	214	27	113,594	220			6		22+23
		20		471		10	10		91	41,120			686		24
													56		25
													23,905		26A
													3,326		26B
													1,148		27A
															27B
	74			8		18	1		398	15			8	1,182	28
1	291			3			4	2	29				117,036	21,800	29A
	100						82		1				1,206	307	29B
				216									5,815	342	30
				2		3							655	553	31
									12				1,234	6	32
									9				85		33+34
									9				4,616	21	35
6	45		1	146		56	185	73	806	179			218	12	36
	12		9		43	16	1	4					31		37
						4	4	39					17		38
						9	23	6							39
						3			138						40
									2						41
															42
															43
															44
															45
															46
															47
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															71A
															71B
															72A
															72B
															73A
															73B
															73C
															73D
													12		74
															75
															76
															77A
															77B
															78
															79
															82
															84
															85
19,178	493,653	46,206	44,267	22,613	66,520	27,692	119,168	65,126	116,303	41,730	25,053	100,513	135,276	24,270	T



Table 1.—The Make of Commodities

[Millions of dollars]

Industry number	For the distribution of industries producing a commodity, read the column for that commodity	Plastics and synthetic materials	Drugs	Cleaning and toilet preparations	Paints and allied products	Petroleum refining and related products	Rubber and miscellaneous plastics products	Footwear, leather, and leather products	Glass and glass products	Stone and clay products	Primary iron and steel manufacturing
	Commodity number	28	29A	29B	30	31	32	33+34	35	36	37
01	Livestock and livestock products.....										
02	Other agricultural products.....										
03	Forestry and fishery products.....										
04	Agricultural, forestry, and fishery services.....										
05+06	Metallic ores mining.....									3	
07	Coal mining.....										
08	Crude petroleum and natural gas.....					8,258					
09+10	Nonmetallic minerals mining.....					101				414	
11	New construction, including own-account construction.....										
12	Maintenance and repair construction, including own-account construction.....										
13	Ordinance and accessories.....			7							17
14	Food and kindred products.....		227	127			38	247			
15	Tobacco products.....										
16	Broad and narrow fabrics, yarn and thread mills.....	2,139		8			2	8			
17	Miscellaneous textile goods and floor coverings.....	234	2			34	70	76			
18	Apparel.....	36		3			41	47			
19	Miscellaneous fabricated textile products.....			215			130	24			
20+21	Lumber and wood products.....						220		136	9	
22+23	Furniture and fixtures.....						136	5	67	8	17
24	Paper and allied products, except containers.....		1	733	7		1,153			21	
25	Paperboard containers and boxes.....			3			494				
26A	Newspapers and periodicals.....										
26B	Other printing and publishing.....						15	42		4	
27A	Industrial and other chemicals.....	6,526	615	1,637	351	2,574	849		8	431	125
27B	Agricultural fertilizers and chemicals.....	369	105	49		8	1	1		1	
28	Plastics and synthetic materials.....	55,139	228	68	23	16	1,065			4	3
29A	Drugs.....	17	94,443	756			2				
29B	Cleaning and toilet preparations.....	254	685	46,519	56	57	18			20	
30	Paints and allied products.....	144		11	17,949	9	3			31	
31	Petroleum refining and related products.....	93	3	122	6	128,379	16		16	114	5
32	Rubber and miscellaneous plastics products.....	637	3	45	45		153,832	38	109	8	32
33+34	Footwear, leather, and leather products.....						29	8,092			
35	Glass and glass products.....						91		21,938	7	
36	Stone and clay products.....	19	45	21	24	145	144		32	66,511	24
37	Primary iron and steel manufacturing.....	1					4			6	99,639
38	Primary nonferrous metals manufacturing.....						67		130	42	1,138
39	Metal containers.....						21				
40	Heating, plumbing, and fabricated structural metal products.....	1					593		88	62	58
41	Screw machine products and stampings.....					1	74	11	11	9	9
42	Other fabricated metal products.....			1	4		388	32	7	84	194
43	Engines and turbines.....										20
44+45	Farm, construction, and mining machinery.....					7	5				112
46	Materials handling machinery and equipment.....						40				3
47	Metalworking machinery and equipment.....			1			96			58	92
48	Special industry machinery and equipment.....						74		2	24	28
49	General industrial machinery and equipment.....						32			8	116
50	Miscellaneous machinery, except electrical.....						30		2		82
51	Computer and office equipment.....						27			14	12
52	Service industry machinery.....			46			39				48
53	Electrical industrial equipment and apparatus.....	9				29	9			21	1
54	Household appliances.....			1			3		43		
55	Electric lighting and wiring equipment.....	12			58		66	4	33	1	121
56	Audio, video, and communication equipment.....						2			15	
57	Electronic components and accessories.....						68		1		7
58	Miscellaneous electrical machinery and supplies.....			4			51			42	
59A	Motor vehicles (passenger cars and trucks).....							1			3
59B	Truck and bus bodies, trailers, and motor vehicles parts.....	1					13				2
60	Aircraft and parts.....						28				
61	Other transportation equipment.....						23				
62	Scientific and controlling instruments.....		456	25			119	6	19	14	1
63	Ophthalmic and photographic equipment.....				203		242			1	
64	Miscellaneous manufacturing.....	80	3	28			344	20		2	
65A	Railroads and related services; passenger ground transportation.....										
65B	Motor freight transportation and warehousing.....										
65C	Water transportation.....										
65D	Air transportation.....										
65E	Pipelines, freight forwarders, and related services.....										
66	Communications, except radio and TV.....										
67	Radio and TV broadcasting.....										
68A	Electric services (utilities).....										
68B	Gas production and distribution (utilities).....										
68C	Water and sanitary services.....										
69A	Wholesale trade.....										
69B	Retail trade.....										
70A	Finance.....										
70B	Insurance.....										
71A	Owner-occupied dwellings.....										
71B	Real estate and royalties.....										
72A	Hotels and lodging places.....										
72B	Personal and repair services (except auto).....										
73A	Computer and data processing services, including own-account software.....										
73B	Legal, engineering, accounting, and related services.....										
73C	Other business and professional services, except medical.....										
73D	Advertising.....										
74	Eating and drinking places.....										
75	Automotive repair and services.....										
76	Amusements.....										
77A	Health services.....										
77B	Educational and social services, and membership organizations.....										
78	Federal Government enterprises.....										
79	State and local government enterprises.....										
82	General government industry.....									34	
84	Household industry.....										
85	Inventory valuation adjustment.....										
T	Total commodity output.....	65,711	96,816	50,430	16,726	139,618	160,807	8,654	22,642	68,023	101,909

**by Industries, 1998—Continued**  
at producers' prices]

Primary nonferrous metals manufacturing	Metal containers	Heating, plumbing, and fabricated structural metal products	Screw machine products and stampings	Other fabricated metal products	Engines and turbines	Farm, construction, and mining machinery	Materials handling machinery and equipment	Metalworking machinery and equipment	Special industry machinery and equipment	General industrial machinery and equipment	Miscellaneous machinery, except electrical	Computer and office equipment	Service industry machinery	Industry number
38	39	40	41	42	43	44+45	46	47	48	49	50	51	52	
														01
														02
														03
														04
														05+06
														07
														08
														09+10
														11
														12
	11		8		4			20		15			3	21
														13
														14
														15
	3													16
														17
	1													18
														19
														20+21
														22+23
														24
														25
														26A
														26B
	12		9											27A
														27B
														28
														29A
														29B
														30
														31
														32
														33+34
														35
														36
	51													37
														38
	681													39
														40
														41
	82,311													42
														43
														44+45
														46
														47
														48
														49
														50
														51
														52
														53
														54
														55
														56
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														84
														85
														T
<b>86,308</b>	<b>13,392</b>	<b>76,823</b>	<b>55,001</b>	<b>82,284</b>	<b>26,658</b>	<b>55,789</b>	<b>15,249</b>	<b>40,638</b>	<b>32,421</b>	<b>40,884</b>	<b>37,947</b>	<b>99,264</b>	<b>37,772</b>	

Table 1.—The Make of Commodities  
[Millions of dollars]

Industry number	For the distribution of industries producing a commodity, read the column for that commodity	Electrical industrial equipment and apparatus	Household appliances	Electric lighting and wiring equipment	Audio, video, and communication equipment	Electronic components and accessories	Miscellaneous electrical machinery and supplies	Motor vehicles (passenger cars and trucks)	Truck and bus bodies, trailers, and motor vehicles parts	Aircraft and parts	Other transportation equipment
	For the distribution of commodities produced by an industry, read the row for that industry										
	Commodity number	53	54	55	56	57	58	59A	59B	60	61
01	Livestock and livestock products.....										
02	Other agricultural products.....										
03	Forestry and fishery products.....										
04	Agricultural, forestry, and fishery services.....										
05+06	Metallic ores mining.....										
07	Coal mining.....										
08	Crude petroleum and natural gas.....										
09+10	Nonmetallic minerals mining.....										
11	New construction, including own-account construction.....										
12	Maintenance and repair construction, including own-account construction.....										
13	Ordnance and accessories.....					189	20		52	4	3,119
14	Food and kindred products.....										
15	Tobacco products.....										
16	Broad and narrow fabrics, yarn and thread mills.....										
17	Miscellaneous textile goods and floor coverings.....										
18	Apparel.....										
19	Miscellaneous fabricated textile products.....		14								
20+21	Lumber and wood products.....										
22+23	Furniture and fixtures.....	6	20	35		19	26		9		3
24	Paper and allied products, except containers.....	1				23					
25	Paperboard containers and boxes.....										
26A	Newspapers and periodicals.....										
26B	Other printing and publishing.....						1				
27A	Industrial and other chemicals.....			2			32		5		
27B	Agricultural fertilizers and chemicals.....								1		
28	Plastics and synthetic materials.....										
29A	Drugs.....										
29B	Cleaning and toilet preparations.....		7						9		
30	Paints and allied products.....	5								32	
31	Petroleum refining and related products.....										
32	Rubber and miscellaneous plastics products.....	81	155	167	1	132			15	41	13
33+34	Footwear, leather, and leather products.....										5
35	Glass and glass products.....	1		6						41	1
36	Stone and clay products.....	10		7			18		16	60	10
37	Primary iron and steel manufacturing.....	5		209			4			129	
38	Primary nonferrous metals manufacturing.....			18		371				24	14
39	Metal containers.....										
40	Heating, plumbing, and fabricated structural metal products.....	5	129	6			18		13	65	10
41	Screw machine products and stampings.....	1	43	23		6	24		2	341	8
42	Other fabricated metal products.....	176	4	62			30		8	187	500
43	Engines and turbines.....	1,040							4	312	167
44+45	Farm, construction, and mining machinery.....	59	5	59					1	196	31
46	Materials handling machinery and equipment.....	48		1						15	1
47	Metalworking machinery and equipment.....	90	59	26			18		13	15	6
48	Special industry machinery and equipment.....	26	29	16			54		5	23	
49	General industrial machinery and equipment.....	218	11	30			21		14	153	8
50	Miscellaneous machinery, except electrical.....	292					18		311	244	164
51	Computer and office equipment.....	113		25		425	6,441		834		5
52	Service industry machinery.....	15	196	4		29	8		6	1,743	12
53	Electrical industrial equipment and apparatus.....	37,695	14	319		33	244		161	88	34
54	Household appliances.....	147	21,453	38		14			8	30	
55	Electric lighting and wiring equipment.....	265	4	25,175		147	240		22	14	175
56	Audio, video, and communication equipment.....	52	143	96		86,489	1,084		278	21	4
57	Electronic components and accessories.....	368	4	162		449	127,066		211		13
58	Miscellaneous electrical machinery and supplies.....	64	9	208		807	128		23,675		
59A	Motor vehicles (passenger cars and trucks).....							227,351		1,823	
59B	Truck and bus bodies, trailers, and motor vehicles parts.....	87		13		652	729	3,277		128,843	188
60	Aircraft and parts.....	2		1		51	1		11	58	124,272
61	Other transportation equipment.....	54							18	15	48
62	Scientific and controlling instruments.....	176	13	212		2,015	635		395	200	735
63	Ophthalmic and photographic equipment.....			2		65			121		
64	Miscellaneous manufacturing.....	1	1	8		14	4		10	8	
65A	Railroads and related services; passenger ground transportation.....										
65B	Motor freight transportation and warehousing.....										
65C	Water transportation.....										
65D	Air transportation.....										
65E	Pipelines, freight forwarders, and related services.....										
66	Communications, except radio and TV.....										
67	Radio and TV broadcasting.....										
68A	Electric services (utilities).....										
68B	Gas production and distribution (utilities).....										
68C	Water and sanitary services.....										
69A	Wholesale trade.....										
69B	Retail trade.....										
70A	Finance.....										
70B	Insurance.....										
71A	Owner-occupied dwellings.....										
71B	Real estate and royalties.....										
72A	Hotels and lodging places.....										
72B	Personal and repair services (except auto).....										
73A	Computer and data processing services, including own-account software.....										
73B	Legal, engineering, accounting, and related services.....										
73C	Other business and professional services, except medical.....										
73D	Advertising.....										
74	Eating and drinking places.....										
75	Automotive repair and services.....										
76	Amusements.....										
77A	Health services.....										
77B	Educational and social services, and membership organizations.....										
78	Federal Government enterprises.....										
79	State and local government enterprises.....										
82	General government industry.....										
84	Household industry.....										
85	Inventory valuation adjustment.....										
T	Total commodity output.....	41,103	22,313	26,933	91,799	137,134	27,477	230,676	135,108	129,376	44,133

by Industries, 1998—Continued  
at producers' prices]

Scientific and controlling instruments	Ophthalmic and photo- graphic equipment	Miscellaneous manufacturing	Railroads and related services; passenger ground transportation	Motor freight transportation and ware- housing	Water transportation	Air transportation	Pipelines, freight forwarders, and related services	Communi- cations, except radio and TV	Radio and TV broadcasting	Electric services (utilities)	Gas production and distribution (utilities)	Water and sanitary services	Wholesale trade	Industry number
62	63	64	65A	65B	65C	65D	65E	66	67	68A	68B	68C	69A	
														01
														02
														03
														04
														05+06
														07
														08
														09+10
														11
														12
883														13
														14
														15
12														16
45		33												17
132		7												18
4		119												19
4	3	47												20+21
93		119												22+23
913	11	107												24
		76												25
36														26A
22	6	204												26B
19	6	115												27A
														27B
	6													28
396	19	9												29A
84		177												29B
		22												30
		100												31
264	19	484												32
22		11												33+34
68		7												35
55	1	104												36
54		3									115			37
43		9												38
														39
37		30												40
16		22												41
579	1	227												42
3														43
19		23												44+45
														46
59		3												47
62	14	3												48
95		18												49
89		2												50
135	140	139												51
41		46												52
217		3												53
39	7	2												54
189	7	72												55
1,114		47												56
402	8	37												57
946	124	52												58
														59A
36		1												59B
714		6												60
2		235												61
123,785	67	184												62
1,232	20,272	1												63
137	10	47,679												64
			71,472											65A
				228								16,582		65B
				228,076										65C
					35,794									65D
			772	1,881	276	135,881								65E
						3,750								66
							39,395							67
								343,786						68
									5,576					69
										199,174				70A
											98,811			70B
												543		70C
												207		71A
												22,384		71B
													812,459	72A
														72B
														73A
														73B
							74							73C
														73D
														74
														75
														76
														77A
														77B
														78
			7,423							7,671				79
						2,399				23,246			28,716	80
							3,250				4,195			81
														82
														83
														84
														85
133,097	20,721	50,585	79,667	230,207	38,469	142,881	39,469	343,786	5,576	230,091	103,121	68,432	812,459	T

**Table 1.—The Make of Commodities**  
 [Millions of dollar]

Industry number	For the distribution of industries producing a commodity, read the column for that commodity	Retail trade	Finance	Insurance	Owner-occupied dwellings	Real estate and royalties	Hotels and lodging places	Personal and repair services (except auto)	Computer and data processing services, including own-account software	Legal, engineering, accounting, and related services
	For the distribution of commodities produced by an industry, read the row for that industry									
	Commodity number	69B	70A	70B	71A	71B	72A	72B	73A	73B
01	Livestock and livestock products.....									
02	Other agricultural products.....									
03	Forestry and fishery products.....									
04	Agricultural, forestry, and fishery services.....									
05+06	Metallic ores mining.....									
07	Coal mining.....									
08	Crude petroleum and natural gas.....									
09+10	Nonmetallic minerals mining.....									
11	New construction, including own-account construction.....									
12	Maintenance and repair construction, including own-account construction.....									
13	Ordinance and accessories.....									
14	Food and kindred products.....									
15	Tobacco products.....									
16	Broad and narrow fabrics, yarn and thread mills.....									
17	Miscellaneous textile goods and floor coverings.....									
18	Apparel.....									
19	Miscellaneous fabricated textile products.....									
20+21	Lumber and wood products.....									
22+23	Furniture and fixtures.....									
24	Paper and allied products, except containers.....									
25	Paperboard containers and boxes.....									
26A	Newspapers and periodicals.....									
26B	Other printing and publishing.....									
27A	Industrial and other chemicals.....									
27B	Agricultural fertilizers and chemicals.....									
28	Plastics and synthetic materials.....									
29A	Drugs.....									
29B	Cleaning and toilet preparations.....									
30	Paints and allied products.....									
31	Petroleum refining and related products.....									
32	Rubber and miscellaneous plastics products.....									
33+34	Footwear, leather, and leather products.....									
35	Glass and glass products.....									
36	Stone and clay products.....									
37	Primary iron and steel manufacturing.....									
38	Primary nonferrous metals manufacturing.....									
39	Metal containers.....									
40	Heating, plumbing, and fabricated structural metal products.....									
41	Screw machine products and stampings.....									
42	Other fabricated metal products.....									
43	Engines and turbines.....									
44+45	Farm, construction, and mining machinery.....									
46	Materials handling machinery and equipment.....									
47	Metalworking machinery and equipment.....									
48	Special industry machinery and equipment.....									
49	General industrial machinery and equipment.....									
50	Miscellaneous machinery, except electrical.....									
51	Computer and office equipment.....								820	
52	Service industry machinery.....									
53	Electrical industrial equipment and apparatus.....									
54	Household appliances.....									
55	Electric lighting and wiring equipment.....									
56	Audio, video, and communication equipment.....									
57	Electronic components and accessories.....									
58	Miscellaneous electrical machinery and supplies.....									
59A	Motor vehicles (passenger cars and trucks).....									
59B	Truck and bus bodies, trailers, and motor vehicles parts.....									
60	Aircraft and parts.....									
61	Other transportation equipment.....									
62	Scientific and controlling instruments.....									
63	Ophthalmic and photographic equipment.....									
64	Miscellaneous manufacturing.....									
65A	Railroads and related services; passenger ground transportation.....									
65B	Motor freight transportation and warehousing.....									
65C	Water transportation.....									
65D	Air transportation.....									
65E	Pipelines, freight forwarders, and related services.....									
66	Communications, except radio and TV.....									
67	Radio and TV broadcasting.....									
68A	Electric services (utilities).....									
68B	Gas production and distribution (utilities).....									
68C	Water and sanitary services.....									
69A	Wholesale trade.....									
69B	Retail trade.....	739,852								
70A	Finance.....		729,220							
70B	Insurance.....			691	342,381					
71A	Owner-occupied dwellings.....					631,659				
71B	Real estate and royalties.....				365		789,242			
72A	Hotels and lodging places.....						985	82,286		
72B	Personal and repair services (except auto).....							126,434		
73A	Computer and data processing services, including own-account software.....								359,931	
73B	Legal, engineering, accounting, and related services.....								681	368,527
73C	Other business and professional services, except medical.....							707	860	1,784
73D	Advertising.....									
74	Eating and drinking places.....									
75	Automotive repair and services.....									
76	Amusements.....									
77A	Health services.....									
77B	Educational and social services, and membership organizations.....									
78	Federal Government enterprises.....	2,153		1,138		489		2		
79	State and local government enterprises.....	1,803	61	20		12,094				
82	General government industry.....									
84	Household industry.....									
85	Inventory valuation adjustment.....									
T	Total commodity output.....	743,808	729,281	344,595	631,659	802,610	82,286	127,143	362,292	370,311

**by Industries, 1998—Continued**  
at producers' prices]

Other business and professional services, except medical	Advertising	Eating and drinking places	Automotive repair and services	Amusements	Health services	Educational and social services, and membership organizations	Federal government enterprises	State and local government enterprises	Scrap, used and second-hand goods	General government industry	Household industry	Inventory valuation adjustment	Total industry output	Industry number
73C	73D	74	75	76	77A	77B	78	79	81	82	84	85		
				835									100,499	01
				788									126,538	02
													11,212	03
													45,042	04
													11,404	05+06
													22,782	07
													95,850	08
													17,702	09+10
													696,617	11
													309,562	12
													22,899	13
													493,690	14
													46,203	15
													48,168	16
													21,987	17
													67,603	18
													25,501	19
									40				118,243	20+21
									29				65,889	22+23
									117				119,369	24
									203				42,118	25
	45,752								66				73,019	26A
	41,348								14				139,219	26B
									65				134,380	27A
									8				23,736	27B
									1				62,959	28
									8				96,716	29A
									1				49,864	29B
									26				18,315	30
									97				133,536	31
									4				160,122	32
									20				8,266	33+34
									4				22,314	35
									28				68,172	36
									6				103,994	37
									28				85,937	38
									650				13,340	39
									9				75,945	40
									23				55,355	41
									32				79,666	42
	51								5				26,207	43
									10				56,596	44+45
									5				14,820	46
									10				38,502	47
									5				32,818	48
									2				42,237	49
									11				37,931	50
									1				104,722	51
									23				40,395	52
									3				39,302	53
									256				22,416	54
									10				27,109	55
									5				89,532	56
									10				132,387	57
									5				26,867	58
									3				229,740	59A
									256				137,050	59B
									10				126,706	60
									5				44,372	61
									5				130,687	62
									3				23,584	63
									5				53,079	64
									3				71,704	65A
									5				244,658	65B
													35,794	65C
													135,881	65D
													46,074	65E
													348,829	66
													45,064	67
													199,717	68A
													99,018	68B
													23,568	68C
													812,459	69A
													739,852	69B
													783,906	70A
													342,381	70B
													631,659	71A
													789,607	71B
													83,270	72A
													126,711	72B
													359,931	73A
													376,298	73B
													612,952	73C
													45,644	73D
													374,198	74
													209,641	75
													202,629	76
													764,606	77A
													323,751	77B
													93,009	78
													128,639	79
													954,171	82
													14,351	84
													21,538	85
													21,538	T
<b>600,791</b>	<b>198,947</b>	<b>374,737</b>	<b>264,812</b>	<b>204,820</b>	<b>763,827</b>	<b>322,753</b>	<b>80,223</b>	<b>44,746</b>	<b>2,597</b>	<b>954,171</b>	<b>14,351</b>	<b>21,538</b>	<b>15,432,301</b>	

Table 2.—The Use of Commodities

[Millions of dollars]

Commodity number	For the distribution of output of a commodity, read the row for that commodity For the composition of inputs to an industry, read the column for that industry	Livestock and livestock products	Other agricultural products	Forestry and fishery products	Agricultural, forestry, and fishery services	Metallic ores mining	Coal mining	Crude petroleum and natural gas	Nonmetallic minerals mining	New construction, including own-account construction	Maintenance and repair construction, including own-account construction
		01	02	03	04	05+06	07	08	09+10	11	12
Industry number											
01	Livestock and livestock products .....	11,937	9	109	855						
02	Other agricultural products .....	26,649	4,285		4,744				1	1,338	599
03	Forestry and fishery products .....			439	61						
04	Agricultural, forestry, and fishery services .....	5,423	10,952	3,002	216				12	2,583	1,340
05+06	Metallic ores mining .....					1,686					
07	Coal mining .....					13	2,449				
08	Crude petroleum and natural gas .....							26,690			
09+10	Nonmetallic minerals mining .....	8	356		3	8	7		576	4,515	2,853
11	New construction, including own-account construction .....									271	
12	Maintenance and repair construction, including own-account construction .....	1,107	1,527	327	407	339	93	4,127	134	422	202
13	Ordinance and accessories .....										
14	Food and kindred products .....	20,660		472	113						
15	Tobacco products .....										
16	Broad and narrow fabrics, yarn and thread mills .....		480				89				
17	Miscellaneous textile goods and floor coverings .....	174	272	47	105				1	1,370	574
18	Apparel .....						4				
19	Miscellaneous fabricated textile products .....		360	9	82					477	272
20+21	Lumber and wood products .....	42	487			51	68	2		33,428	21,422
22+23	Furniture and fixtures .....									2,211	8
24	Paper and allied products, except containers .....	270	373	14	9	5	4	1	9	2,546	872
25	Paperboard containers and boxes .....	8	958	19	185	5	6	2	3	361	170
26A	Newspapers and periodicals .....	5	6		12		1	1	1		
26B	Other printing and publishing .....	7	10	9			(*)	(*)	(*)	135	65
27A	Industrial and other chemicals .....	75	69	4	7	689	310	1,011	341	2,001	879
27B	Agricultural fertilizers and chemicals .....	246	10,226	35	3,041	1	2			2	
28	Plastics and synthetic materials .....										
29A	Drugs .....	345			1						
29B	Cleaning and toilet preparations .....	39		10					4	168	112
30	Paints and allied products .....				9				2	4,757	2,425
31	Petroleum refining and related products .....	746	2,980	185	164	176	561	747	326	6,917	6,399
32	Rubber and miscellaneous plastics products .....	554	872	9	49	95	340	18	187	11,833	6,404
33+34	Footwear, leather, and leather products .....	53						1			
35	Glass and glass products .....	7			12			1	10	1,610	151
36	Stone and clay products .....		133		12	63	161	263		39,460	10,152
37	Primary iron and steel manufacturing .....	23	37			394	85	1,753	233	5,500	2,458
38	Primary nonferrous metals manufacturing .....				3		16			5,008	2,281
39	Metal containers .....			1							
40	Heating, plumbing, and fabricated structural metal products .....	23	31			129	91	115	88	36,874	14,599
41	Screw machine products and stampings .....	28				20	169		13	441	135
42	Other fabricated metal products .....	289	560	12	86	3	65	556	14	12,009	4,737
43	Engines and turbines .....			18		55	154	14	71		
44+45	Farm, construction, and mining machinery .....	172	545	34	37	370	1,265	367	622	1,608	549
46	Materials handling machinery and equipment .....					100	224	72	344	2,684	57
47	Metalworking machinery and equipment .....	41	63		2	14	5	15	5	584	176
48	Special industry machinery and equipment .....				3					4	6
49	General industrial machinery and equipment .....	34	118	(*)	2	47	241	93	128	3,759	636
50	Miscellaneous machinery, except electrical .....	58	171	1	19	27	126	169	20	332	7
51	Computer and office equipment .....										
52	Service industry machinery .....			2	3		4	4	3	8,477	3,611
53	Electrical industrial equipment and apparatus .....	10	24	2		23	60	78	63	3,887	1,274
54	Household appliances .....									1,527	816
55	Electric lighting and wiring equipment .....	37	43	1	29		21	151	2	11,236	5,044
56	Audio, video, and communication equipment .....									2,300	886
57	Electronic components and accessories .....										
58	Miscellaneous electrical machinery and supplies .....	275	810	7	41	4	9	11	19	1,253	454
59A	Motor vehicles (passenger cars and trucks) .....										
59B	Truck and bus bodies, trailers, and motor vehicles parts .....	80	206	35	68	20	40	46	68	871	435
60	Aircraft and parts .....										
61	Other transportation equipment .....					1				204	93
62	Scientific and controlling instruments .....			12	21	2	2	2		2,118	736
63	Ophthalmic and photographic equipment .....				8		3	12		69	26
64	Miscellaneous manufacturing .....	69	123		4	2	3	3	6	1,623	866
65A	Railroads and related services; passenger ground transportation .....	1,406	326	17	70	82	839	166	74	996	544
65B	Motor freight transportation and warehousing .....	2,769	1,568	32	389	223	413	278	358	10,351	4,875
65C	Water transportation .....	41	63	260	9	9	59	107	8	179	104
65D	Air transportation .....	76	145	40	606	43	109	282	59	1,003	437
65E	Pipelines, freight forwarders, and related services .....	128	33	1	2	2	4	8	4	14	6
66	Communications, except radio and TV .....	283	333	13	200	36	40	215	54	2,744	1,338
67	Radio and TV broadcasting .....										
68A	Electric services (utilities) .....	1,611	870	7	65	733	494	1,290	657	761	351
68B	Gas production and distribution (utilities) .....		368	2	3	89	34	5,490	287	151	
68C	Water and sanitary services .....	145	724	21			4	91	12	664	329
69A	Wholesale trade .....	5,225	7,162	188	1,336	404	1,008	1,060	727	26,294	12,024
69B	Retail trade .....		(*)	25	12	22	36	176	65	27,798	15,555
70A	Finance .....	526	633	86	285	105	208	641	153	4,207	1,649
70B	Insurance .....	396	1,344	42	134	43	55	138	66	4,391	1,087
71A	Owner-occupied dwellings .....										
71B	Real estate and royalties .....	4,636	12,210	17	338	147	934	30,466	297	3,679	1,473
72A	Hotels and lodging places .....	29	45	30	70	36	84	263	48	543	247
72B	Personal and repair services (except auto) .....	31	93	6	89	6	9	12	3	293	172
73A	Computer and data processing services, including own-account software .....	6	5	11	4	18	13	84	61	683	364
73B	Legal, engineering, accounting, and related services .....	81	107	311	611	210	445	1,993	194	50,507	10,711
73C	Other business and professional services, except medical .....	630	1,756	215	592	222	295	627	213	22,662	10,962
73D	Advertising .....	14	29	7	162	6	14	109	50	466	213
74	Eating and drinking places .....	7	15	27	65	38	76	237	50	506	232
75	Automotive repair and services .....	124	370	67	404	32	39	115	32	3,072	1,858
76	Amusements .....			3	341	2	19	64	3	109	61
77A	Health services .....	2,459									
77B	Educational and social services, and membership organizations .....	65	81	9	27	9	34	74	9	87	13
78	Federal Government enterprises .....	10	12	6	45	11	1		9	677	335
79	State and local government enterprises .....	20	46	1	24	4	3			39	18
80	Noncomparable imports .....		64								
81	Scrap, used and secondhand goods .....				2						2
82	General government industry .....										
83	Rest of the world adjustment to final uses .....										
84	Household industry .....										
85	Inventory valuation adjustment .....										
I	Total intermediate inputs .....	90,210	65,489	6,258	16,306	7,038	12,025	81,983	6,867	381,602	159,796
VA	Value added .....	10,289	61,049	4,954	28,736	4,366	10,758	13,867	10,835	315,015	149,826
T	Total Industry Output .....	100,499	126,538	11,212	45,042	11,404	22,782	95,850	17,702	696,617	309,562

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Table 2.—The Use of Commodities  
(Millions of dollars)

Commodity number	For the distribution of output of a commodity, read the row for that commodity  For the composition of inputs to an industry, read the column for that industry	Plastics and synthetic materials	Drugs	Cleaning and toilet preparations	Paints and allied products	Petroleum refining and related products	Rubber and miscella- neous plastics products	Footwear, leather, and leather products	Glass and glass products	Stone and clay products	Primary iron and steel manu- facturing	
		Industry number	28	29A	29B	30	31	32	33+34	35	36	37
01	Livestock and livestock products			51								
02	Other agricultural products		188			1						
03	Forestry and fishery products	1	33			15	1,009				2	
04	Agricultural, forestry, and fishery services	31	58	25	7	35	81	2	18	45	56	
05+06	Metallic ores mining					17			19	12	2,782	
07	Coal mining	54	19	9	2	6	16	2	91	279	1,286	
08	Crude petroleum and natural gas	311				58,884						
09+10	Nonmetallic minerals mining		1	12	4	556	16			224	3,813	242
11	New construction, including own-account construction											
12	Maintenance and repair construction, including own-account construction	748	708	332	76	1,457	1,258	63	217	496	878	
13	Ordinance and accessories											
14	Food and kindred products	75	434	472	157	172	18	851		25		
15	Tobacco products											
16	Broad and narrow fabrics, yarn and thread mills	12					1,429	300		192		
17	Miscellaneous textile goods and floor coverings	1	10	15			1,589	178	1			
18	Apparel	3					15	6				
19	Miscellaneous fabricated textile products		2	6			9		1	7		
20+21	Lumber and wood products		2	4		5	286		309	318	182	
22+23	Furniture and fixtures											
24	Paper and allied products, except containers	739	165	153	2	158	1,225	30	52	677	32	
25	Paperboard containers and boxes	254	852	1,983	1	166	1,917	18	807	196	19	
26A	Newspapers and periodicals	4	1	2		3	15			4	3	
26B	Other printing and publishing	1	383	155	7	6	36			6	3	
27A	Industrial and other chemicals	20,098	1,988	4,541	3,192	2,561	6,509	319	1,298	1,493	1,367	
27B	Agricultural fertilizers and chemicals	298										
28	Plastics and synthetic materials	1,797			2,244		28,389	14		316		
29A	Drugs		10,516									
29B	Cleaning and toilet preparations	282	64	2,479		444	99	41	37	100	5	
30	Paints and allied products	46		31	311		166		24	128	29	
31	Petroleum refining and related products	184	78	442	131	15,345	256	21	73	387	381	
32	Rubber and miscellaneous plastics products	2,909	1,877	3,709	1	668	9,098		508	524	191	
33+34	Footwear, leather, and leather products							2,370				
35	Glass and glass products	5	254	225	3	476	848		2,515	134		
36	Stone and clay products	13	16	4	164	275	231	5	425	7,798	1,468	
37	Primary iron and steel manufacturing	1		2	5	12	708		29	603	17,570	
38	Primary nonferrous metals manufacturing				1		94			103	1,682	
39	Metal containers	4	91	490	496	151					3	
40	Heating, plumbing, and fabricated structural metal products						67			36	7	
41	Screw machine products and stampings		92	71	3		454	4	26	74	410	
42	Other fabricated metal products	22	51	133	3	148	1,017	81		498	2,103	
43	Engines and turbines				3		44				49	
44+45	Farm, construction, and mining machinery											38
46	Materials handling machinery and equipment						5					38
47	Metalworking machinery and equipment	37	5	11	1	25	323	1	107	131	819	
48	Special industry machinery and equipment	34					710	(*)	22		25	
49	General industrial machinery and equipment	26	31	3		1	29			44	1,693	
50	Miscellaneous machinery, except electrical	100	33	47	4	106	933	9	119	142	538	
51	Computer and office equipment											1
52	Service industry machinery	2	3	10		1	9		3	5	1	
53	Electrical industrial equipment and apparatus	6	8	24		1	49		71	14	930	
54	Household appliances											
55	Electric lighting and wiring equipment	5	13	25		11	80		8	27		
56	Audio, video, and communication equipment											
57	Electronic components and accessories						32					
58	Miscellaneous electrical machinery and supplies					3	27			20	6	
59A	Motor vehicles (passenger cars and trucks)											
59B	Truck and bus bodies, trailers, and motor vehicles parts	2	5	3	3	24	18		9	64	18	
60	Aircraft and parts											
61	Other transportation equipment											
62	Scientific and controlling instruments	3	9	4	3	21	13		8	12	124	
63	Ophthalmic and photographic equipment	4	8	5	1	4	14		2	4	8	
64	Miscellaneous manufacturing	1	27	12	1	5	77	1	1	48	3	
65A	Railroads and related services; passenger ground transportation	437	168	231	255	394	898	12	300	678	1,541	
65B	Motor freight transportation and warehousing	1,236	363	678	460	1,087	4,854	147	449	4,144	3,326	
65C	Water transportation	90	9	25	19	393	108		24	182	199	
65D	Air transportation	221	326	201	57	123	587	46	83	190	416	
65E	Pipelines, freight forwarders, and related services	19	3	8	3	4,909	6	(*)	1	5	5	
66	Communications, except radio and TV	285	324	179	48	216	473	24	77	199	202	
67	Radio and TV broadcasting											
68A	Electric services (utilities)	1,093	488	213	80	1,390	2,485	50	524	1,205	2,872	
68B	Gas production and distribution (utilities)	688	193	101	27	2,052	534	28	342	1,007	1,552	
68C	Water and sanitary services	347	173	93	62	495	227	61	58	131	716	
69A	Wholesale trade	3,129	6,664	3,121	928	5,490	6,601	406	1,261	2,530	8,527	
69B	Retail trade	42	62	162	3	33	201	4	62	72	30	
70A	Finance	526	706	441	148	1,407	1,294	53	166	409	760	
70B	Insurance	100	129	83	27	199	266	19	41	136	182	
71A	Owner-occupied dwellings											
71B	Real estate and royalties	317	831	516	64	2,173	1,683	56	158	484	427	
72A	Hotels and lodging places	183	269	159	52	159	464	21	69	169	287	
72B	Personal and repair services (except auto)	177	83	47	11	288	295	8	62	172	415	
73A	Computer and data processing services, including own-account software	319	247	117	27	467	614	33	111	264	722	
73B	Legal, engineering, accounting, and related services	1,886	2,392	794	188	1,125	1,046	22	89	305	413	
73C	Other business and professional services, except medical	1,035	2,837	1,217	180	1,735	2,735	95	431	1,211	2,244	
73D	Advertising	366	4,850	3,648	233	680	925	168	95	330	361	
74	Eating and drinking places	175	283	149	47	229	470	26	75	167	288	
75	Automotive repair and services	405	229	147	43	600	755	23	148	396	897	
76	Amusements	42	111	70	14	53	87	1	7	19	51	
77A	Health services											
77B	Educational and social services, and membership organizations	50	224	43	10	109	553	3	15	33	60	
78	Federal Government enterprises	18	30	54	9	49	93	10	18	34	72	
79	State and local government enterprises	39	29	31	3	26	53	13	8	11	71	
80	Noncomparable imports	371	3,907	836	113	549	406	5	56	193	174	
81	Scrap, used and secondhand goods								91		4,024	
82	General government industry											
83	Rest of the world adjustment to final uses											
84	Household industry											
85	Inventory valuation adjustment											
I	Total intermediate inputs	41,704	43,930	28,845	9,965	108,181	87,931	5,848	11,840	33,455	65,874	
VA	Value added	21,255	52,786	21,019	8,350	25,354	72,191	2,418	10,474	34,718	38,121	
T	Total Industry Output	62,959	96,716	49,864	18,315	133,536	160,122	8,266	22,314	68,172	103,994	

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Federal Reserve Bank of St. Louis

by Industries, 1998—Continued  
at producers' prices]

Primary nonferrous metals manufacturing	Metal containers	Heating, plumbing, and fabricated structural metal products	Screw machine products and stampings	Other fabricated metal products	Engines and turbines	Farm, construction, and mining machinery	Materials handling machinery and equipment	Metalworking machinery and equipment	Special industry machinery and equipment	General industrial machinery and equipment	Miscellaneous machinery, except electrical	Computer and office equipment	Service industry machinery	Commodity number
38	39	40	41	42	43	44+45	46	47	48	49	50	51	52	
														01
														02
14		27		37	17	31	5	17	15	28	26	48	14	03
50	3	102	15	0		11		5				2		04
2,340				3	1	4		1	1	2	2	1	2	05+06
17	1	2	2	3										07
														08
20				2				28	1					09+10
														11
557	81	284	596	499	196	318	68	254	197	225	272	945	291	12
														13
														14
16														15
				5	14			4	4			237	43	16
												1		17
404		45	25	87		101	22	122	103	42	7		77	18
														19
62	6	44	80	262	9	14	6	23	208	144	12	54	148	20+21
85	41	284	294	404	10	13	2	92	22	121	68	372	132	22+23
2		6	2	4		3		2	3		5	22	2	24
3	69	6	5	2	2	7	1	5	2	3	4	12	1	25
457	117	697	199	725	2	34	5	221	66	2	5		73	26A
														26B
1,416		47	125	393						12	7	15	149	27A
														27B
		4	7	15									9	28
21	378	246	78	354	72	103	44	144		14	17	77	132	29A
333	20	117	64	143	20	69	27	58		68	59	50	34	29B
837	20	714	214	2,046	361	1,935	270	344		997	181	1,749	1,044	30
														31
770		249	18	45		23								32
271	9	96	98	146		60	13	301		55				33+34
1,024	2,473	11,854	11,854	9,277	3,960	5,612	1,540	2,775	1,783	2,931	2,655	143	2,090	35
26,495	4,836	5,830	2,587	4,093	859	481	366	865	1,338	1,096	2,173	1,194	2,308	36
			4											37
		3,976		105	524	2,667	325	365	539	506	161	932	265	38
48	7	1,054	920	2,114	1,090	933	567	405	359	493	486	1,095	1,147	39
873	246	2,522	1,190	4,689	1,035	1,135	420	458	933	574	598	301	771	40
				81	1,271	2,936	143		164	68	51		65	41
						1,145								42
18						17	266		10	9				43
744	20	431	1,234	318	163	263	69	1,667	273	257	556	66	200	44+45
53			2						2,241					46
555		156	98	26	399	1,512	909	347	732	3,289	473	26	714	47
347	48	329	1,107	600	1,245	1,574	452	1,071	1,204	1,311	2,026	177	847	48
									36			15,474		49
									2					50
267	1	115	34	407	989	359	409	830	1,145	1,414	112	2,517	2,014	51
														52
84		2	10	4		40		33			6	145	279	53
														54
								3	40	49	84	32,051		55
		1		6	372	340	77	71	24	19	39	14		56
														57
13	1	16	11	7	24	78	2	10	4	6	4	10	6	58
														59A
5		149		3		3		17		17		7	589	59B
4	1	10	7	2	2	3	1	6	3	4		18	5	60
3		10	2	2		105	84	5			10		159	61
641	54	203	176	183	26	85	19	47	39	47	58	110	61	62
2,535	279	1,091	767	991	486	849	186	407	289	338	306	240	380	63
45	3	9	13	20	1	11	0	2	2	1	3	4	3	64
342	46	248	193	276	144	240	71	160	149	179	140	689	177	65A
3	1	1	2	2	2	2	0	1	0	1	2	6	1	65B
174	24	218	127	268	58	160	50	161	149	181	107	560	115	65C
														65D
2,098	141	448	553	816	163	331	64	299	184	323	331	547	221	66
501	58	216	180	367	50	129	30	85	56	102	96	75	74	67A
233	19	62	620	147	31	44	5	26	19	42	27	74	104	67B
6,778	947	4,106	2,914	4,015	1,459	3,793	1,448	1,821	2,439	2,529	1,417	13,306	2,608	68
15	6	49	34	56	8	17	4	10	9	15	10	39	29	69A
563	97	482	443	532	180	396	93	246	202	273	249	1,108	303	69B
138	21	103	90	119	38	88	26	58	43	62	55	191	62	70A
														70B
543	71	710	456	639	121	206	92	378	321	233	454	1,622	172	71A
244	43	203	154	221	77	157	38	107	89	114	104	397	108	71B
177	28	61	120	118	34	64	9	33	24	53	38	67	38	72A
296	40	175	232	302	118	203	24	98	67	130	79	1,674	150	72B
240	46	308	467	492	64	381	114	282	272	270	276	1,173	215	73A
1,281	181	1,928	1,248	1,481	371	778	194	573	443	666	801	1,941	477	73B
153	29	372	391	639	55	398	92	255	237	368	295	1,378	299	73C
248	42	220	171	237	79	167	41	130	103	130	109	352	116	73D
417	69	203	261	338	83	175	32	116	75	149	111	277	113	74
28	10	16	28	18	12	29	3	6	12	10	17	108	21	75
														76
														77A
														77B
51	10	64	171	64	16	33	7	23	15	23	23	95	27	78
42	1	64	43	54	14	57	11	23	35	31	19	33	7	79
39	7	23	20	45	11	12	2	9	5	9	7	18	10	80
234	5	122	69	99	36	163	53	44	130	178	86	6,544	45	81
3,143		111		39				3		12	2			82
														83
														84
														85
59,407	11,641	40,957	30,822	39,484	16,492	30,890	8,799	15,955	17,557	20,506	15,474	90,733	22,540	1
26,530	1,699	34,987	24,534	40,183	9,715	25,706	6,020	22,548	15,261	21,731	22,456	13,989	17,855	VA
85,937	13,340	75,945	55,355	79,666	26,207	56,596	14,820	38,502	32,818	42,237	37,931	104,722	40,395	T

**Table 2.—The Use of Commodities**  
[Millions of dollars]

Commodity number	For the distribution of output of a commodity, read the row for that commodity  For the composition of inputs to an industry, read the column for that industry	Electrical industrial equipment and apparatus	Household appliances	Electric lighting and wiring equipment	Audio, video, and communication equipment	Electronic components and accessories	Miscellaneous electrical machinery and supplies	Motor vehicles (passenger cars and trucks)	Truck and bus bodies, trailers, and motor vehicles parts	Aircraft and parts	Other transportation equipment
		Industry number	53	54	55	56	57	58	59A	59B	60
01	Livestock and livestock products										
02	Other agricultural products							1	2	1	
03	Forestry and fishery products										
04	Agricultural, forestry, and fishery services	35	15	14	38	183	32	48	61	103	25
05+06	Metallic ores mining	36			31		6		295	30	
07	Coal mining	1				3		20	27	12	6
08	Crude petroleum and natural gas										
09+10	Nonmetallic minerals mining		36			1					
11	New construction, including own-account construction										
12	Maintenance and repair construction, including own-account construction	235	137	150	773	2,570	175	869	1,167	1,047	186
13	Ordinance and accessories									4	
14	Food and kindred products										
15	Tobacco products										
16	Broad and narrow fabrics, yarn and thread mills			3				160		130	
17	Miscellaneous textile goods and floor coverings	1			1			1,328	58	21	79
18	Apparel					2		8		8	
19	Miscellaneous fabricated textile products							6,030	14	127	229
20+21	Lumber and wood products	31	10	2	4			7	250	23	865
22+23	Furniture and fixtures	2			732		13	6,857	97	51	69
24	Paper and allied products, except containers	167	286	144	303	279	50	64	108	24	12
25	Paperboard containers and boxes	103	227	346	189	216	314	23	586	13	5
26A	Newspapers and periodicals	4		4	12	17	7	11	10	8	2
26B	Other printing and publishing	2	5	1	19	9	2	20	33	27	2
27A	Industrial and other chemicals	63	142	58	19	2,143	237	902	614	59	15
27B	Agricultural fertilizers and chemicals										
28	Plastics and synthetic materials	112	585	625	264	360	327	11	788	364	154
29A	Drugs										
29B	Cleaning and toilet preparations	20	20	30	26	14	3	11	7		
30	Paints and allied products	78	172	21	63			1,830	461	119	169
31	Petroleum refining and related products	187	50	53	48	82	30	166	159	123	79
32	Rubber and miscellaneous plastics products	1,049	2,034	820	2,030	2,050	1,752	14,478	3,684	2,130	910
33+34	Footwear, leather, and leather products							3	1	1	
35	Glass and glass products		20	431	5	806		2,243	106	15	215
36	Stone and clay products	1,059	127	198	19	108	21	312	462	286	28
37	Primary iron and steel manufacturing	1,706	1,521	937	431	759	542	426	11,646	962	2,426
38	Primary nonferrous metals manufacturing	2,041	1,107	1,534	1,309	3,126	1,419	71	10,796	3,247	611
39	Metal containers										
40	Heating, plumbing, and fabricated structural metal products	232			721	535	123		2,297	241	766
41	Screw machine products and stampings	866	836	856	1,194	1,512	369	18,113	5,986	1,198	404
42	Other fabricated metal products	241	426	556	760	4,621	583	4,304	2,065	2,213	812
43	Engines and turbines	377						3,752	523		2,072
44+45	Farm, construction, and mining machinery										43
46	Materials handling machinery and equipment							16	13		2
47	Metalworking machinery and equipment	93	47	80	86	283	70	218	364	991	69
48	Special industry machinery and equipment					176					
49	General industrial machinery and equipment	167	100		25		114	81	2,277	317	993
50	Miscellaneous machinery, except electrical	263	48	115	206	755	132	1,179	5,665	1,615	309
51	Computer and office equipment	10			308	982	144	5	6	90	
52	Service industry machinery		560	3	3			3,288	325		91
53	Electrical industrial equipment and apparatus	2,883	996	665	240	206	379	9	14	135	1,242
54	Household appliances		12								143
55	Electric lighting and wiring equipment	69	352	882	685	274	98	1,155	107		145
56	Audio, video, and communication equipment				6,167	455	83	1,549	3	2,026	144
57	Electronic components and accessories	765	223	182	23,864	27,032	2,622	5,796	4,303	1,643	1
58	Miscellaneous electrical machinery and supplies	11	1	2	288		608	3,978	2,727	32	138
59A	Motor vehicles (passenger cars and trucks)							75	1,092		1,207
59B	Truck and bus bodies, trailers, and motor vehicles parts	3		2	5	8	6	64,858	13,081	7	1,070
60	Aircraft and parts									21,782	
61	Other transportation equipment										1,375
62	Scientific and controlling instruments	107	911		497	582	122	1,798	6	8,345	133
63	Ophthalmic and photographic equipment	5	1	4	15	24	6	24	24	17	2
64	Miscellaneous manufacturing	3	81	69	1		1	53	10	55	3
65A	Railroads and related services; passenger ground transportation	100	49	44	114	294	50	637	406	134	92
65B	Motor freight transportation and warehousing	331	354	312	343	614	302	3,327	1,934	511	539
65C	Water transportation	9	4	2	2	17	3	33	19	10	3
65D	Air transportation	169	111	101	479	637	120	1,589	787	886	179
65E	Pipelines, freight forwarders, and related services	1	(*)	1	4	5	(*)	11	6		1
66	Communications, except radio and TV	166	80	87	510	621	74	262	266	263	98
67	Radio and TV broadcasting										
68A	Electric services (utilities)	291	143	208	440	1,587	224	571	1,083	579	206
68B	Gas production and distribution (utilities)	98	54	74	75	217	54	194	281	107	75
68C	Water and sanitary services	34	10	28	43	155	71	120	405	165	50
69A	Wholesale trade	2,584	1,623	1,719	6,497	8,417	2,058	16,954	9,263	3,806	2,242
69B	Retail trade	30	45	54	56	49	27	87	69	19	13
70A	Finance	326	169	189	878	1,292	217	1,616	1,164	1,048	272
70B	Insurance	56	37	42	157	244	43	387	235	170	72
71A	Owner-occupied dwellings										
71B	Real estate and royalties	284	83	285	991	1,561	202	565	508	424	644
72A	Hotels and lodging places	108	69	80	308	449	78	657	410	354	113
72B	Personal and repair services (except auto)	43	16	21	191	313	39	191	273	217	25
73A	Computer and data processing services, including own-account software	30	30	87	594	936	68	187	464	923	119
73B	Legal, engineering, accounting, and related services	162	75	151	918	2,123	93	1,696	875	1,036	242
73C	Other business and professional services, except medical	670	290	411	1,635	3,639	638	2,079	2,103	2,068	542
73D	Advertising	439	609	550	675	1,851	237	943	2,768	423	235
74	Eating and drinking places	120	74	93	301	431	96	613	409	343	126
75	Automotive repair and services	118	60	83	266	704	106	16,195	615	432	87
76	Amusements	12	9	7	71	111	8	167	127	89	9
77A	Health services										
77B	Educational and social services, and membership organizations	25	46	17	113	289	20	348	159	157	25
78	Federal Government enterprises	29	50	20	115	65	15	153	222	101	15
79	State and local government enterprises	9	13	10	16	86	10	132	101	26	6
80	Noncomparable imports	326	59	326	742	525	513	790	593	169	37
81	Scrap, used and secondhand goods						66		21		
82	General government industry										
83	Rest of the world adjustment to final uses										
84	Household industry										
85	Inventory valuation adjustment										
I	Total intermediate inputs	19,663	15,257	13,778	57,802	77,415	15,805	196,031	97,883	64,083	23,313
VA	Value added	19,639	7,159	13,331	31,730	54,973	11,062	33,709	39,167	62,623	21,059
T	Total Industry Output	39,302	22,416	27,109	89,532	132,387	26,867	229,740	137,050	126,706	44,372

\*Less than \$500,000.



Table 2.—The Use of Commodities

[Millions of dollars at

Commodity number	For the distribution of output of a commodity, read the row for that commodity For the composition of inputs to an industry, read the column for that industry	Retail trade	Finance	Insurance	Owner-occupied dwellings	Real estate and royalties	Hotels and lodging places	Personal and repair services (except auto)	Computer and data processing services	Legal, engineering, accounting, and related services	Other business and professional services, except medical	Advertising
		69B	70A	70B	71A	71B	72A	72B	73A	73B	73C	73D
Industry number		69B	70A	70B	71A	71B	72A	72B	73A	73B	73C	73D
01 Livestock and livestock products											88	
02 Other agricultural products		3	5	2		31	6		5	8	4	
03 Forestry and fishery products							5					
04 Agricultural, forestry, and fishery services		1,089	217	113	5,793	5,315	470	75	223	222	234	18
05+06 Metallic ores mining												
07 Coal mining		5	2			4	2	3		1	1	
08 Crude petroleum and natural gas												
09+10 Nonmetallic minerals mining		2						4				
11 New construction, including own-account construction												
12 Maintenance and repair construction, including own-account construction		8,297	1,960	942	26,174	37,439	2,391	740	1,029	577	1,721	82
13 Ordnance and accessories											116	
14 Food and kindred products		158					180				26	
15 Tobacco products												
16 Broad and narrow fabrics, yarn and thread mills		85					9	181			10	
17 Miscellaneous textile goods and floor coverings		46	1			1	15	40		2	10	
18 Apparel		49					68	491			149	
19 Miscellaneous fabricated textile products		48	157	38		19	666	347			13	21
20+21 Lumber and wood products		207	145	91		82	22	69	75	139	173	8
22+23 Furniture and fixtures		1				2			3	3	2	
24 Paper and allied products, except containers		5,100	1,320	448		678	293	425	2,343	832	2,242	82
25 Paperboard containers and boxes		1,207	173	64		97	161	73	74	123	1,041	10
26A Newspapers and periodicals		199	546	58		40	84	54	127	223	338	11
26B Other printing and publishing		670	3,773	1,711		727	152	1,074	2,526	2,293	3,203	2,569
27A Industrial and other chemicals		46	50	21		3	52	14	182	23	49	1,884
27B Agricultural fertilizers and chemicals		34			407	167	140				1	
28 Plastics and synthetic materials		15						16				
29A Drugs												
29B Cleaning and toilet preparations		186	27	3		67	97	927	18	39	674	
30 Paints and allied products		56	1	50		28	1	9		3	148	
31 Petroleum refining and related products		2,830	454	114		474	152	303	226	212	1,598	17
32 Rubber and miscellaneous plastics products		2,675	172	322	76	453	334	482	563	313	1,824	35
33+34 Footwear, leather, and leather products		255	13	5		6	5	353	7	43	78	
35 Glass and glass products		14	24	18		8	166	4	6	275	501	
36 Stone and clay products		33	16			577	57	12		60	129	
37 Primary iron and steel manufacturing		12	3	2				10		4	135	
38 Primary nonferrous metals manufacturing		4		17		9		94			33	
39 Metal containers											31	
40 Heating, plumbing, and fabricated structural metal products		42			83	52		9				
41 Screw machine products and stampings		9					7	116			169	
42 Other fabricated metal products		914	341	262		241	51	320	124	247	584	14
43 Engines and turbines		334	7					7			213	
44+45 Farm, construction, and mining machinery					267						77	
46 Materials handling machinery and equipment		24									277	
47 Metalworking machinery and equipment		77	4			6	2	18	13	18	1,018	
48 Special industry machinery and equipment		51				7		42	9	9	873	
49 General industrial machinery and equipment		29	33			14		49			534	
50 Miscellaneous machinery, except electrical		335	25	1		10	11	122	55	109	694	8
51 Computer and office equipment		243	535	372		96	17	646	20,327	868	940	79
52 Service industry machinery		142	2	1		3	8	434	3	5	265	3
53 Electrical industrial equipment and apparatus		46	20	4		5	14	65	360	5	1,545	2
54 Household appliances		17	1			64	20	1,557			4	
55 Electric lighting and wiring equipment		303	44	21		43	18	29	2	9	350	4
56 Audio, video, and communication equipment		39	42	6		7	5	19	12	30	38	2
57 Electronic components and accessories		224	59	1		1		963	10,996	21	900	1
58 Miscellaneous electrical machinery and supplies		432	284	248		60	16	73	809	511	559	19
59A Motor vehicles (passenger cars and trucks)												
59B Truck and bus bodies, trailers, and motor vehicles parts		2,395	91	72		80	47	101	55	53	877	35
60 Aircraft and parts												
61 Other transportation equipment		2		10		3					506	
62 Scientific and controlling instruments		89	2	111		62	25	97	161	52	246	2
63 Ophthalmic and photographic equipment		190	404	276		126	25	871	216	449	1,023	32
64 Miscellaneous manufacturing		577	670	166		172	92	1,740	248	360	1,196	85
65A Railroads and related services; passenger ground transportation		674	545	417	6	531	83	104	290	243	929	30
65B Motor freight transportation and warehousing		2,319	5,331	1,104	22	729	391	700	581	985	2,751	69
65C Water transportation		34	12	2	(*)	5	3	9	6	10	62	1
65D Air transportation		2,568	2,049	1,403	1	1,721	420	365	1,321	1,376	3,143	104
65E Pipelines, freight forwarders, and related services		61	27	17		25	1,191	7	15	14	54	1
66 Communications, except radio and TV		8,402	11,155	6,005		5,068	1,071	1,593	7,716	4,743	8,276	483
67 Radio and TV broadcasting												326
68A Electric services (utilities)		13,758	2,154	381		6,274	2,894	1,224	894	1,351	1,745	132
68B Gas production and distribution (utilities)		1,119	588	49		1,104	475	439	75	157	445	9
68C Water and sanitary services		2,258	1,255	158		4,489	1,020	561	121	160	459	5
69A Wholesale trade		3,389	2,154	826	202	968	430	2,326	6,480	1,526	5,745	493
69B Retail trade		2,521	152	128	210	285	142	106	77	73	1,094	24
70A Finance		15,127	162,984	31,872	17,450	6,872	5,142	1,147	3,160	4,778	5,632	246
70B Insurance		2,513	2,077	95,504	13,860	6,458	157	295	314	437	1,293	57
71A Owner-occupied dwellings												
71B Real estate and royalties		51,870	20,776	10,429	20,491	56,908	4,985	6,609	23,364	18,205	14,273	215
72A Hotels and lodging places		2,426	1,759	1,351		1,700	365	288	879	1,486	2,616	95
72B Personal and repair services (except auto)		2,381	523	227		1,525	582	5,336	600	277	1,069	42
73A Computer and data processing services, including own-account software		5,780	19,146	2,434		693	477	723	34,630	9,566	9,515	216
73B Legal, engineering, accounting, and related services		6,481	20,603	10,089	2,765	12,478	783	4,612	4,951	29,027	11,552	1,885
73C Other business and professional services, except medical		35,567	30,889	15,507	2,424	23,111	8,497	4,108	14,505	38,665	39,992	3,754
73D Advertising		39,942	12,754	3,599		6,049	1,563	2,955	3,075	1,205	4,771	254
74 Eating and drinking places		2,857	1,573	1,233		1,534	449	313	903	850	2,734	85
75 Automotive repair and services		4,461	1,619	6,047		6,219	524	632	1,974	1,561	3,747	512
76 Amusements		927	596	362		439	83	82	270	230	1,263	1,016
77A Health services												4
77B Educational and social services, and membership organizations		726	1,049	445		623	163	397	1,202	1,156	1,937	94
77C Federal Government enterprises		4,418	22,373	2,348		2,026	388	650	1,985	3,103	3,467	223
79 State and local government enterprises		680	324	54		1,069	259	144	55	104	196	10
80 Noncomparable imports		163	7,150	1,403			170	41	1,022	885	2,309	71
81 Scrap, used and secondhand goods												
82 General government industry		1		1		1		1			1	
83 Rest of the world adjustment to final uses												
84 Household industry												
85 Inventory valuation adjustment												
I Total intermediate inputs		243,259	343,234	198,962	90,233	196,228	38,553	49,009	151,095	130,338	160,366	13,590
VA Value added		496,593	440,673	143,419	541,426	593,379	44,717	77,702	208,836	245,960	452,586	32,054
T Total Industry Output		739,852	783,906	342,381	631,659	789,607	83,270	126,711	359,931	376,298	612,952	45,644

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Less than \$500,000.

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by Industries, 1998—Continued  
at producers' prices]

Eating and drinking places	Automotive repair and services	Amusements	Health services	Educational and social services, and membership organizations	Federal Government enterprises	State and local government enterprises	General government industry	Household industry	Inventory valuation adjustment	Total intermediate use	Commodity number
74	75	76	77A	77B	78	79	82	84	85		
414		125	74	116						95,073	01
2,635	3	300	283	175	22					88,898	02
3,497		16	64		26					17,699	03
321	114	436	1,749	632	7	512				43,894	04
										8,603	05+06
5	2	1	6	3	979	1,158				20,526	07
				3		860				131,408	08
						65				15,881	09+10
										271	11
2,948	929	1,787	4,802	11,780	2,718	23,176				218,700	12
		32								157	13
76,401		1,251	5,322	4,234	631					193,067	14
										3,508	15
		125	43	81	17	13				43,488	16
34	62	13	63	8	1	12				12,673	17
9	85	171	802	96	2	41				16,114	18
232	202	63	1,003	88	268	2				14,099	19
63	24	124	252	568						113,386	20+21
	453	1	3	1	741					11,900	22+23
935	265	321	2,546	1,600	213	62				98,734	24
1,142	136	142	986	483	251					39,714	25
45	79	120	636	1,508	16	15				5,504	26A
589	137	361	3,200	12,019	1,321	216				65,506	26B
252	316	450	10,313	290	129	2,316				120,141	27A
		290	42	56		239				19,688	27B
			218							60,770	28
		11	21,272	98		4				33,858	29A
65	94	47	824	243	83	64				9,841	29B
5	517	103	5	147						15,999	30
577	1,468	325	1,050	988	1,225	1,962				77,317	31
2,877	4,528	249	8,724	1,056	32	154				143,817	32
2	2	101	31	117	92					4,632	33+34
675	1,043	6	1,561	308	5	87				21,310	35
543	76	4	498	14		791				69,714	36
		1	3	37						116,602	37
4	7	20	8	2		73				94,933	38
										13,119	39
		8		3		3				69,816	40
82	2,132	37	450	99	45	3				52,408	41
130	3,000	157	557	414	19	50				76,128	42
4	1,765		2	12	340	100				16,257	43
		12				324				7,475	44+45
						22				5,185	46
1	46	13	17	21	9	49				13,908	47
	66		7	3						7,042	48
235	34				14	21				23,807	49
285										33,645	50
40	389	41	151	118	184	1,030				46,465	51
26	17	60	1,881	82	5					22,665	52
38	1,039	141	110	54	51	504				31,743	53
5	635	4	130	31		806				4,474	54
22			38	32		16				25,982	55
114	816	175	927	309	45	130				23,314	56
18	34	12	48	80		29				139,150	57
	333	1	283	200		40				18,281	58
51	1,077	665	264	289	36	148				2,477	59A
	103									119,401	59B
454	25,112	2	503	421	1,816	371				33,433	60
										4,739	61
11	216	58	14,264	530	14	139				38,546	62
16	47	64	1,174	388	2	32				7,705	63
847	60	434	430	1,151	42	50				16,638	64
617	364	158	972	344	890	725				40,085	65A
3,124	1,315	502	2,563	1,360	2,372	1,004				165,264	65B
32	23	18	47	39	2,361	705				15,779	65C
1,306	1,006	655	3,736	1,241	2,458	168				63,224	65D
18	371	10	38	30	18	30				31,524	65E
1,391	2,103	1,662	8,370	3,495	469	597				166,320	66
										1,827	67
6,163	1,578	2,778	8,678	2,769	502	4,098				110,788	68A
1,104	440	230	1,651	680	361	3,753				64,744	68B
1,905	599	425	2,247	976	731	1,633				35,898	68C
16,552	7,390	3,003	14,470	4,981	1,195	1,400				394,484	69A
437	1,435	185	580	486	26	26				58,673	69B
3,672	3,932	1,748	5,544	7,053	1,170	2,173				343,557	70A
529	1,077	322	3,395	840	277	252				151,107	70B
										11,119	71A
16,372	11,186	12,795	52,584	32,394	1,201	2,872				492,963	71B
978	708	544	3,346	1,016	40	55				38,642	72A
862	2,382	527	1,810	684	27	138				31,528	72B
1,000	981	907	7,609	4,086	213	336				142,963	73A
3,018	1,675	4,362	12,916	4,884	351	4,552				269,804	73B
9,584	5,355	7,925	48,973	26,428	3,632	2,443				518,753	73C
7,363	3,423	6,975	3,491	8,096	10	325				196,008	73D
5,380	662	576	5,316	1,966	113	123				47,178	74
1,578	3,027	1,296	5,889	2,169	457	608				104,016	75
3,973	197	27,491	541	1,701		4				69,355	76
		56	15,181							17,783	77A
534	151	278	2,259	1,751	40	119				22,303	77B
572	746	743	7,155	3,110	118	354				66,367	78
451	325	107	473	245	90	2,473				10,628	79
223	23	367	48	30	1,144					69,413	80
1	442	-240								8,579	81
											82
											83
											84
											85
185,385	100,375	85,425	307,504	153,850	31,775	66,566				6,650,777	I
188,813	109,266	117,204	457,102	169,901	61,233	62,073	954,171	14,351	21,538		VA
374,198	209,841	202,629	764,606	323,751	93,009	128,639	954,171	14,351	21,538		T

Table 2.—The Use of Commodities  
[Millions of dollars]

Commodity number	For the distribution of output of a commodity, read the row for that commodity  For the composition of inputs to an industry, read the column for that industry	Personal consumption expenditures	Gross private fixed investment	Change in business inventories	Exports of goods and services	Imports of goods and services
		91	92	93	94	95
	Industry number					
01	Livestock and livestock products .....	4,203		-142	958	-2,575
02	Other agricultural products .....	24,672		1,395	16,666	-12,326
03	Forestry and fishery products .....	4,715		-17	1,905	-8,529
04	Agricultural, forestry, and fishery services .....	1,006			34	-8
05+06	Metallic ores mining .....		727	32	1,025	1,300
07	Coal mining .....	55		414	2,033	-325
08	Crude petroleum and natural gas .....		229	-71	3,173	-47,240
09+10	Nonmetallic minerals mining .....	50		11	730	-1,204
11	New construction, including own-account construction .....		542,027			
12	Maintenance and repair construction, including own-account construction .....		35,062		78	
13	Ordinance and accessories .....	1,555	241	122	2,890	-817
14	Food and kindred products .....	290,997		1,343	26,701	-30,188
15	Tobacco products .....	35,717		2,126	5,965	-1,068
16	Broad and narrow fabrics, yarn and thread mills .....	1,898		356	3,307	-5,456
17	Miscellaneous textile goods and floor coverings .....	7,134	2,865	172	2,280	-2,683
18	Apparel .....	100,336		2,108	8,454	-62,541
19	Miscellaneous fabricated textile products .....	16,506		407	995	-5,140
20+21	Lumber and wood products .....	3,264	10,846	1,311	5,030	-14,996
22+23	Furniture and fixtures .....	33,174	24,313	601	4,303	-13,662
24	Paper and allied products, except containers .....	16,342		978	10,859	-16,176
25	Paperboard containers and boxes .....	470		415	1,319	-565
26A	Newspapers and periodicals .....	17,878		-36	782	-237
26B	Other printing and publishing .....	23,156		1,091	3,685	-3,031
27A	Industrial and other chemicals .....	2,179	1,694	326	23,140	-22,028
27B	Agricultural fertilizers and chemicals .....	2,627		229	4,723	-3,659
28	Plastics and synthetic materials .....			1	12,536	-7,612
29A	Drugs .....	73,132		2,225	11,098	-31,473
29B	Cleaning and toilet preparations .....	37,464		721	4,405	-3,280
30	Paints and allied products .....	618		126	1,209	-516
31	Petroleum refining and related products .....	50,408		-1,384	8,499	-11,385
32	Rubber and miscellaneous plastics products .....	20,739	351	1,437	12,234	-21,521
33+34	Footwear, leather, and leather products .....	20,116		181	1,799	-18,382
35	Glass and glass products .....	2,186		303	2,346	-3,853
36	Stone and clay products .....	3,569		524	2,324	-8,539
37	Primary iron and steel manufacturing .....	77	47	1,685	4,859	-21,913
38	Primary nonferrous metals manufacturing .....	77	67	713	9,667	-19,557
39	Metal containers .....		69	169	303	-296
40	Heating, plumbing, and fabricated structural metal products .....	480	4,483	614	3,135	-2,523
41	Screw machine products and stampings .....	1,912		511	2,728	-2,889
42	Other fabricated metal products .....	5,750	3,616	1,213	8,938	-16,202
43	Engines and turbines .....	226	4,364	175	9,359	-4,490
44+45	Farm, construction, and mining machinery .....	496	39,916	1,727	14,200	-11,273
46	Materials handling machinery and equipment .....		11,180	238	2,223	-3,665
47	Metalworking machinery and equipment .....	1,340	30,195	190	6,017	-11,724
48	Special industry machinery and equipment .....	225	28,213	-41	6,892	-10,248
49	General industrial machinery and equipment .....		16,973	666	11,392	-12,896
50	Miscellaneous machinery, except electrical .....	120	854	556	4,036	-2,768
51	Computer and office equipment .....	12,869	67,317	-1,235	37,791	-71,783
52	Service industry machinery .....	1,162	10,539	603	5,221	-3,656
53	Electrical industrial equipment and apparatus .....	277	10,654	466	6,356	-10,343
54	Household appliances .....	17,421	3,774	261	2,947	-6,846
55	Electric lighting and wiring equipment .....	2,171	315	346	4,594	-7,765
56	Audio, video, and communication equipment .....	27,945	48,634	2,398	19,890	-40,509
57	Electronic components and accessories .....	252		311	38,422	-42,249
58	Miscellaneous electrical machinery and supplies .....	8,843	2,785	364	7,701	-12,505
59A	Motor vehicles (passenger cars and trucks) .....	140,843	145,479	1,180	23,673	-93,073
59B	Truck and bus bodies, trailers, and motor vehicles parts .....	6,442	10,944	690	28,251	-33,520
60	Aircraft and parts .....	322	20,045	8,704	59,631	-20,384
61	Other transportation equipment .....	18,508	11,905	682	4,925	-5,958
62	Scientific and controlling instruments .....	8,049	59,230	932	29,163	-23,986
63	Ophthalmic and photographic equipment .....	7,685	7,464	375	4,070	-10,766
64	Miscellaneous manufacturing .....	53,099	7,805	1,524	6,033	-36,292
65A	Railroads and related services; passenger ground transportation .....	26,001	1,301	242	5,076	-199
65B	Motor freight transportation and warehousing .....	36,578	6,503	838	15,211	-1,910
65C	Water transportation .....	6,440	7	10	9,420	4,658
65D	Air transportation .....	56,033	2,684	135	29,726	-16,789
65E	Pipelines, freight forwarders, and related services .....	4,482		-33	3,125	
66	Communications, except radio and TV .....	144,911	7,501		6,613	
67	Radio and TV broadcasting .....	3,750				
68A	Electric services (utilities) .....	96,346			453	-1,126
68B	Gas production and distribution (utilities) .....	32,546		58	420	
68C	Water and sanitary services .....	29,793			64	
69A	Wholesale trade .....	213,698	87,088	5,127	70,265	19,586
69B	Retail trade .....	659,713	25,387		33	
70A	Finance .....	336,268			33,197	-891
70B	Insurance .....	196,833			3,246	-8,987
71A	Owner-occupied dwellings .....	631,658				
71B	Real estate and royalties .....	204,249	51,135		36,711	-18
72A	Hotels and lodging places .....	41,874			120	
72B	Personal and repair services (except auto) .....	91,759			78	
73A	Computer and data processing services, including own-account software .....	10,252	145,416	20	4,571	-596
73B	Legal, engineering, accounting, and related services .....	60,186	21,552		9,694	-1,796
73C	Other business and professional services, except medical .....	31,190			9,811	-3,750
73D	Advertising .....	1,090			774	-1,254
74	Eating and drinking places .....	329,080			739	
75	Automotive repair and services .....	153,378		5	1,591	-6
76	Amusements .....	127,297			10,274	-344
77A	Health services .....	638,616			227	-10
77B	Educational and social services, and membership organizations .....	325,789			577	-566
78	Federal Government enterprises .....	8,731			290	
79	State and local government enterprises .....	32,842				
80	Noncomparable imports .....	47,744				-127,801
81	Scrap, used and secondhand goods .....	35,726	-48,174	1,871	6,057	-5,748
82	General government industry .....					
83	Rest of the world adjustment to final uses .....	-86,530			87,374	-35
84	Household industry .....	14,351				
85	Inventory valuation adjustment .....			21,538		
I	Total intermediate inputs .....					
VA	Value added .....					
T	Total Industry Output .....	5,856,029	1,465,618	73,127	895,637	-1,047,382

\* Less than \$500,000.

**by Industries, 1998—Continued**  
at producers' prices]

Total	Federal Government consumption expenditures and gross investment				State and local government consumption expenditures and gross investment			GDP	Total commodity output	Commodity number
	National defense: Consumption expenditures	National defense: Gross investment	Nondefense: Consumption expenditures	Nondefense: Gross investment	Total	Consumption expenditures	Gross investment			
	96C	96I	97C	97I	98C+99C	98I+99I				
1	1		1		277	277		2,722	97,795	01
70			70		1,219	1,219		31,696	120,594	02
-416	-2		-414		-715	-715		-3,057	14,642	03
35	25		10		2,513	2,513		3,579	47,473	04
-293	-293		1					2,791	11,394	05+06
32	(*)		31		52	52		2,261	22,787	07
-8			-8					-43,918	87,491	08
-1	-6		5		39	39		-375	15,505	09+10
15,897		5,412		10,485	138,421		138,421	696,346	696,617	11
10,613	7,649		2,965		45,109	45,109		90,862	309,562	12
14,851	7,073	5,035	878	1,866	179	179		19,021	19,178	13
235	164		71		11,498	11,498		300,587	493,653	14
					-43	-43		42,698	46,206	15
114	93		20		560	560		779	44,267	16
41	3		31	8	132	105	26	9,940	22,613	17
402	401		1		1,648	1,648		50,406	66,520	18
127	79		48		697	697		13,592	27,692	19
28	9		18	2	300	300		5,783	119,168	20+21
163		24		138	4,336	5	4,331	53,226	65,126	22+23
633	69		564		4,933	4,933		17,569	116,303	24
103	47		56		275	275		2,016	41,730	25
123	5		117		1,039	1,039		19,549	25,053	26A
1,466	281		1,185		8,641	8,641		35,007	100,513	26B
4,298	1,806		2,492		5,526	5,526		15,135	135,276	27A
21	3		18		641	641		4,583	24,270	27B
14	4		10		2	2		4,940	65,711	28
960	736		225		7,015	7,015		62,958	96,816	29A
160	97		63		1,118	1,118		40,589	50,430	29B
15			15		1,277	1,277		2,729	18,728	30
1,925	1,580		345		14,238	14,238		62,301	139,618	31
682	449		180	53	3,070	3,070		16,991	160,807	32
38	34		4		270	270		4,022	8,654	33+34
113	5		108		236	236		1,331	22,642	35
131	14		117		300	300		-1,691	68,023	36
267	255		11		286	286		-14,693	101,909	37
365	160	74	103	28	44	44		-8,625	86,308	38
18	18				9	9		273	13,392	39
804	367	62	325	51	14	13	1	7,007	76,823	40
189	148		41		143	143		2,593	55,001	41
645	242	253	121	28	2,196	1,388	808	6,156	82,284	42
451	102	82	(*)	267	317	203	113	10,402	26,658	43
593	2	534	23	34	2,655	109	2,546	48,314	55,789	44+45
62		50	4	8	27	27		10,064	15,249	46
80	5	42	31	2	633	194	438	26,731	40,638	47
78	1	42	25	10	260	123	137	25,379	32,421	48
366	164	159	11	33	575	100	475	17,077	40,884	49
1,072	678	274	27	93	431	302	130	4,302	37,947	50
2,784	211	968	1,052	553	5,057	962	4,095	52,799	99,264	51
88	46	9	32	2	1,151	639	512	15,108	37,772	52
1,097	594	156	246	101	852	122	730	9,360	41,103	53
57	39	15	1	2	225	30	195	17,839	22,313	54
434	305		129		876	864	12	952	26,933	55
8,490	3,415	2,213	166	2,696	1,636	106	1,530	68,484	91,799	56
939	704		235		308	308		-2,016	137,134	57
1,408	339	729	195	145	600		294	9,196	27,477	58
1,163	2	671	18	472	8,936		8,936	228,200	230,676	59A
371	152	88	25	107	2,530		13	15,707	135,108	59B
27,528	19,767	6,001	965	795	98		98	95,943	129,376	60
6,039	1,002	6,904	68	124	1,234	60	1,174	39,394	44,133	61
14,683	4,436	7,177	1,692	1,378	6,480	3,487	2,993	94,552	133,097	62
	721	405	66	5	3,457	2,466	991	13,016	20,721	63
-1,056	14	45	-1,120	5	2,835	2,101	734	33,947	50,595	64
673	375	8	286	4	5,889	5,309	80	39,593	79,667	65A
3,948	3,007	146	759	36	3,775	3,327	449	64,943	230,207	65B
1,671	1,569		103		485	485		22,691	38,469	65C
3,128	2,064	120	901	44	4,741	4,622	118	79,657	142,881	65D
27	23		4		345	345		7,945	39,469	65E
6,517	1,913		4,603		11,925	11,925		177,466	343,786	66
								3,750	5,576	67
2,571	1,548		1,023		21,060	21,060		119,304	230,091	68A
572	270		302		4,781	4,781		38,377	103,121	68B
1,119	628		491		1,558	1,558		32,534	68,432	68C
4,362	1,585	1,642	588	547	17,851	12,750	5,101	417,975	812,459	69A
2			2					685,135	743,808	69B
1,394			1,394		15,756	15,756		385,724	729,281	70A
1,435	33		1,401		962	962		193,488	344,595	70B
								631,659	631,659	71A
3,539	401		3,137		14,231	14,231		309,847	802,810	71B
688	602		86		961	961		43,644	82,286	72A
95	86		9		3,682	3,682		95,614	127,143	72B
36,450	8,223	10,032	2,162	16,033	23,216	10,335	12,882	219,329	362,292	73A
4,641	4,354		287		6,231	6,231		100,507	370,311	73B
20,751	14,121		6,631		24,035	24,035		82,038	600,791	73C
91	85		6		2,238	2,238		2,939	198,947	73D
1,400	322		1,078		-3,661	-3,661		327,559	374,737	74
353	285		71		5,475	5,475		160,796	264,812	75
1,205	1,192		12		-2,966	-2,966		135,464	204,820	76
798	19		778		-93,588	-93,588		746,044	763,827	77A
9,130	226		8,904		-34,480	-34,480		300,450	322,753	77B
1,148	1,236		-90		3,687	3,687		13,856	80,223	78
240	152		88		1,037	1,037		34,118	44,746	79
10,644	8,111		2,533					-69,413		80
1,231	556	33	85	558	3,055	441	2,614	-5,982	2,597	81
295,832	193,000		102,832		658,339	658,339		954,171	954,171	82
-609			-809							83
								14,351	14,351	84
								21,538	21,538	85
										I
										VA
										T
<b>539,211</b>	<b>299,722</b>	<b>49,404</b>	<b>153,375</b>	<b>36,710</b>	<b>999,283</b>	<b>808,280</b>	<b>191,003</b>	<b>8,781,523</b>	<b>15,432,301</b>	



Table 5a.—Industry-by-Commodity Total Requirements Backward Linkages, 1998

Commodity number	Description	Backward linkage	Commodity number	Description	Backward linkage
01	Livestock and livestock products .....	2.958	52	Service industry machinery.....	2.111
02	Other agricultural products .....	1.983	53	Electrical industrial equipment and apparatus .....	1.988
03	Forestry and fishery products .....	2.067	54	Household appliances .....	2.356
04	Agricultural, forestry, and fishery services .....	1.759	55	Electric lighting and wiring equipment .....	1.996
05+06	Metallic ores mining.....	2.226	56	Audio, video, and communication equipment .....	2.285
07	Coal mining.....	2.013	57	Electronic components and accessories .....	2.178
08	Crude petroleum and natural gas .....	2.744	58	Miscellaneous electrical machinery and supplies .....	2.159
09+10	Nonmetallic minerals mining .....	1.755	59A	Motor vehicles (passenger cars and trucks) .....	2.823
11	New construction.....	2.040	59B	Truck and bus bodies, trailers, and motor vehicles parts .....	2.474
12	Maintenance and repair construction .....	2.003	60	Aircraft and parts .....	1.978
13	Ordnance and accessories .....	1.833	61	Other transportation equipment .....	2.087
14	Food and kindred products .....	2.626	62	Scientific and controlling instruments.....	1.874
15	Tobacco products .....	1.627	63	Ophthalmic and photographic equipment .....	1.699
16	Broad and narrow fabrics, yarn and thread mills .....	2.359	64	Miscellaneous manufacturing .....	1.957
17	Miscellaneous textile goods and floor coverings.....	2.456	65A	Railroads and related services; passenger ground transportation .....	1.734
18	Apparel.....	2.529	65B	Motor freight transportation and warehousing.....	1.881
19	Miscellaneous fabricated textile products .....	2.308	65C	Water transportation .....	2.141
20+21	Lumber and wood products .....	2.295	65D	Air transportation .....	1.865
22+23	Furniture and fixtures.....	2.053	65E	Pipelines, freight forwarders, and related services .....	1.812
24	Paper and allied products, except containers.....	2.160	66	Communications, except radio and TV .....	1.777
25	Paperboard containers and boxes.....	2.285	67	Radio and TV broadcasting .....	2.133
26A	Newspapers and periodicals .....	1.648	68A	Electric services (utilities) .....	1.668
26B	Other printing and publishing .....	1.793	68B	Gas production and distribution (utilities) .....	2.963
27A	Industrial and other chemicals .....	2.297	68C	Water and sanitary services .....	1.965
27B	Agricultural fertilizers and chemicals .....	2.349	69A	Wholesale trade.....	1.596
28	Plastics and synthetic materials .....	2.370	69B	Retail trade .....	1.557
29A	Drugs .....	1.747	70A	Finance.....	1.724
29B	Cleaning and toilet preparations.....	2.126	70B	Insurance.....	2.074
30	Paints and allied products.....	2.162	71A	Owner-occupied dwellings .....	1.255
31	Petroleum refining and related products.....	2.988	71B	Real estate and royalties .....	1.430
32	Rubber and miscellaneous plastics products.....	2.146	72A	Hotels and lodging places .....	1.788
33+34	Footwear, leather, and leather products.....	2.645	72B	Personal and repair services (except auto) .....	1.685
35	Glass and glass products .....	2.045	73A	Computer and data processing services .....	1.767
36	Stone and clay products .....	1.943	73B	Legal, engineering, accounting, and related services .....	1.547
37	Primary iron and steel manufacturing.....	2.172	73C	Other business and professional services, except medical.....	1.443
38	Primary nonferrous metals manufacturing .....	2.374	73D	Advertising .....	1.729
39	Metal containers .....	2.927	74	Eating and drinking places .....	2.046
40	Heating, plumbing, and fabricated structural metal products.....	2.089	75	Automotive repair and services .....	1.895
41	Screw machine products and stampings .....	2.139	76	Amusements .....	1.724
42	Other fabricated metal products .....	2.007	77A	Health services.....	1.695
43	Engines and turbines .....	2.254	77B	Educational and social services, and membership organizations .....	1.812
44+45	Farm, construction, and mining machinery.....	2.079	78	Federal Government enterprises.....	1.641
46	Materials handling machinery and equipment.....	2.148	79	State and local government enterprises .....	2.023
47	Metalworking machinery and equipment .....	1.832	80	Noncomparable imports.....	0.000
48	Special industry machinery and equipment .....	2.034	81	Scrap, used and secondhand goods .....	0.000
49	General industrial machinery and equipment .....	1.943	82	General government industry .....	1.000
50	Miscellaneous machinery, except electrical.....	1.810	83	Rest of the world adjustment to final uses .....	0.000
51	Computer and office equipment.....	2.656	84	Household industry .....	1.000
			85	Inventory valuation adjustment.....	1.000

Note.—The backward linkage for a commodity represents the total output required from all industries to supply \$1 of final demand for that commodity.

## Upcoming Changes in the NAICS-Based 1997 Benchmark Input-Output Accounts

In late 2002, the Bureau of Economic Analysis (BEA) will release the 1997 benchmark input-output (I-O) accounts of the United States. These accounts will be based on the North American Industry Classification System (NAICS), which reflects a complete reevaluation of the requirements and purposes, as well as the underlying principles, of an industry classification scheme.<sup>1</sup> This note previews the changes to the I-O industry classification system that result from the conversion to NAICS (see table 1).<sup>2</sup>

*Increased detail on services industries.*—The U.S. economy has changed dramatically since the release in 1939 of the first Standard Industrial Classification (SIC) system—the predecessor to NAICS and the basis for the classification system underlying the 1992 and previous I-O accounts. Much of that change has been driven by the explosion in the number of services-producing industries. The detail that will be available in the 1997 and future I-O accounts on services industries will increase because of the increased number of services industries included in NAICS and in the NAICS-based I-O classification system. Specifically, about 250 of the 358 new industries in NAICS represent new classifications for services-producing industries; additionally, many service industries recognized by the SIC are reorganized or combined in NAICS. As a result, NAICS includes 575 services-producing industries (compared with 430 in the SIC). The new framework for the I-O accounts will reflect the increased detail available on these industries. The 1992 benchmark accounts presented information for 407 goods-producing industries and 84 services-producing industries. With the change from SIC to NAICS, the 1997 accounts will include more detail on services-producers while maintaining the total number of industries at about 500.

1. For BEA's schedule, see John R. Kort, "The North American Industry Classification System in BEA's Economic Accounts," *SURVEY OF CURRENT BUSINESS* 81 (May 2001): 7. For details about the differences between the 1987 Standard Industrial Classification system and the 1997 NAICS, see the Census Bureau's Web site at <[www.census.gov](http://www.census.gov)>.

2. For the current I-O classification of industries, see the appendix table in the article "Annual Input-Output Accounts of the U.S. Economy, 1998" in this issue.

NOTE.—This note was written by Karen J. Horowitz and Stephanie H. McCulla.

*Changed treatment of auxiliaries and creation of new sector.*—In the new NAICS-based I-O classification system, auxiliaries that manage companies and enterprises—commonly referred to as "headquarters offices"—or that act as holding companies will be grouped in the new sector "Management of Companies and Enterprises," and all nonmanagement, services-producing auxiliaries will be grouped with the industries that have similar production processes.<sup>3</sup> Additionally, the output of these auxiliaries will be explicitly measured and will be treated as output; in the previous I-O accounts, the expenses of auxiliaries were included in the intermediate purchases and the value added of the industries they served, but auxiliary output was assumed to be zero.

As a result of these changes, the level of total gross output of the economy will be raised in the 1997 benchmark I-O accounts by the estimate of the output of services-providing auxiliaries, and the distribution of the value added across industries will be changed as the industry classification of these value-added expenses is changed. For example, compensation of employees, a component of value added, will decrease in the industries that previously included auxiliaries, especially those in manufacturing, and it will increase in services industries because the employees of these auxiliaries will be counted in those industries; total value added for all industries, however, will not change.

*Greater relevancy due to the principles underlying NAICS.*—One of the principles underlying NAICS is that a classification system should be as dynamic as the economy itself. As a result, NAICS will be reviewed and revised by the sponsoring countries (United States, Canada, and Mexico) every 5 years. BEA has revised the I-O classification scheme underlying each new set of benchmark accounts to reflect the changing economy, but these efforts have been limited by the relatively static SIC system underlying the tabulation of the required data. In the future, the I-O classification system can be guided and facilitated by the more regular revisions to NAICS.

3. Goods-producing auxiliaries have always been classified with similar industries.

Another principle underlying NAICS is the economic concept of production: Establishments are grouped according to the similarities of their production processes rather than the similarities of their products. This principle brings NAICS and the NAICS-based data closer to a similar principle underlying the I-O classification: Industries are classified in the I-O accounts so that each industry has a unique production function and output.

*Other changes in the accounts.*—The conversion to NAICS also provides BEA with the opportunity to make other improvements to its industry statistics. First, BEA is developing a uniform classification system for its industry statistics. At the NAICS two-digit sector level, most of BEA's industry groupings will be comparable, but differences may continue at more detailed levels.<sup>4</sup> Second, BEA is reconciling the treatment in the "alternative" 1997 I-O accounts of "own-account" activities—that is, activities produced by an establishment or by an industry using its own labor (such as new construction, maintenance and repair construction, and software)—with the treatment in the GDP-by-industry series.<sup>5</sup>

*Issues raised by NAICS.*—As a result of the change from an SIC-based classification system to a NAICS-based system, most industries in the 1997 benchmark I-O accounts will not be comparable with those in previous benchmark and annual I-O accounts. Any possibility for BEA to independently construct both SIC-based and NAICS-based accounts is precluded for several reasons. Although the Census Bureau tabulated data for shipments and receipts on both an SIC basis and a NAICS basis for 1997, the I-O accounts require addi-

tional data that were tabulated by the Census Bureau only on a NAICS basis, and the empirical relationships between NAICS-defined industries and SIC-defined industries provided by those shipments and receipts data generally cannot be used for other data, such as expenses.<sup>6</sup> Moreover, given the rapid pace of change of product mixes and technology in many industries, these relationships will not be applicable for use in constructing the I-O tables for other years, and the Census Bureau will tabulate data only on a NAICS basis in the future.

Reconstructing the existing I-O accounts on a NAICS basis is not feasible for similar reasons. First, as noted above, the empirical relationships available for 1997 are not applicable to the accounts for previous years. Second, although the Census Bureau assigned NAICS codes to some of the most detailed data for 1992 on manufacturing and wholesale and retail trade, it did not assign NAICS codes to the 1992 data on the services sector—a large and rapidly changing sector of the economy. Thus, the available data would provide only a partial foundation for 1992 I-O accounts on a NAICS basis, and retabulating the remaining data to a NAICS basis would be complicated by changing product mixes, new technologies, and the entrance and exit of establishments from the market.<sup>7</sup>

At the level of detail required for compiling I-O accounts, therefore, comparable data are not available for producing a consistent time series. However, in response to the need of users, BEA is exploring methods of reconciling the GDP-by-industry data to provide users with aggregate series that are comparable over time.

6. Additionally, the relationships are not released when proprietary information about the industry would be revealed.

7. Most establishments produce more than one product, and the establishment is classified on the basis of its primary product at a given point in time. Thus, the data provide a snapshot of the establishment in 1997, but they do not provide information about any changes in its product mix and its technology or about the introduction of new products (or new establishments) in the years before (or after) the census. If an establishment produced only one product, a consistent time series might be constructed by simply reclassifying the establishment's product and industry to the corresponding NAICS basis.

4. BEA's industry statistics generally use data that are collected on an establishment basis and tabulated according to NAICS. BEA's international accounts use data collected on an enterprise, or company, basis and therefore use an industry classification scheme that is based on, but is less detailed than, NAICS.

5. See the box "Alternative I-O Tables" in *Benchmark Input-Output Accounts of the United States, 1992* (Washington, DC: U.S. Government Printing Office, September 1998): M-6.

**Table 1.—NAICS and the NAICS-Based I-O Classification System**

NAICS sector	NAICS-based I-O sector	Description of the industry	Major differences in classification or treatment between the NAICS-based I-O sectors and the SIC-based I-O divisions
Agriculture, forestry, fishing, and hunting (NAICS 11)	Agriculture, forestry, fishing, and hunting <sup>1</sup>	Establishments engaged in growing crops, raising animals, and harvesting timber, fish and animals from farms, ranches, and natural habitats.	Logging moved from Manufacturing.
Mining (NAICS 21)	Mining	Establishments that extract naturally occurring mineral solids, liquid minerals, and gases.	None.
Utilities (NAICS 22)	Utilities	Establishments engaged in the provision of electric power, natural gas, steam supply, water supply, and sewage removal.	Utilities moved from Transportation, communications, and utilities.
Construction (NAICS 23)	Construction <sup>1</sup>	Establishments engaged in the construction of buildings and other structures, heavy construction except buildings, additions, alterations, reconstruction, installation, and maintenance and repairs.	I-O treatment of own-account new and maintenance and repair construction activities will be made consistent with GDP-by-industry series.
Manufacturing (NAICS 31–33)	Manufacturing	Establishments engaged in the mechanical, physical, or chemical transformation of materials, substances, or components into new products.	Custom drapery and tailors moved from Retail trade and tire retreading moved from Services. Logging moved to Agriculture, and Publishing moved to Information.
Wholesale trade (NAICS 42)	Wholesale trade	Establishments engaged in wholesaling merchandise, generally without transformation, and rendering services incidental to the sale of merchandise.	Selected establishments with retail trade characteristics, such as auto parts, farm supplies, and lumber yards, moved to Retail trade.
Retail trade (NAICS 44–45)	Retail trade	Establishments engaged in retailing merchandise, generally without transformation, and rendering services incidental to the sale of merchandise.	Selected establishments with retail trade characteristics moved from Wholesale trade. Custom drapery and tailors moved to Manufacturing.
Transportation and warehousing (NAICS 48–49)	Transportation and warehousing	Establishments providing transportation of passengers and cargo, warehousing and storage for goods, scenic and sightseeing transportation, and support activities related to transportation.	Transportation and warehousing moved from Transportation, communications, and utilities (TCU).
Information (NAICS 51)	Information	Establishments engaged in producing and distributing information and cultural products, providing the means to transmit or distribute these products and data, or communications services.	New sector. Includes publishing, communications, and various information-related industries (data processing, software publishing, and online information, etc.) moved from Manufacturing, TCU, and Services.
Finance and insurance (NAICS 52)	Finance and insurance	Establishments engaged in financial transactions and in facilitating such transactions.	Holding companies moved to Management of companies and enterprises.
Real estate and rental and leasing (NAICS 53)	Real estate and rental and leasing <sup>1</sup>	Establishments engaged in renting, leasing, or allowing the use of tangible or intangible assets, and related services.	Real estate moved from Finance, insurance, and real estate; Rental of equipment moved from Services.
Professional, scientific, and technical services (NAICS 54)	Professional, scientific, and technical services	Establishments engaged in professional, scientific, and technical activities for others.	New sector.
Management of companies and enterprises (NAICS 55)	Management of companies and enterprises	Auxiliaries that perform management services or act as holding companies for other establishments of the same company; other auxiliaries classified with industries performing similar activities rather than with industry served.	New sector. Holding companies and other management auxiliaries moved from the various industries they serve.
Administrative and support and waste management and remediation services (NAICS 56)	Administrative and support and waste management and remediation services	Establishments engaged in support activities for daily operations of other organizations.	New sector. Waste management moved from TCU.
Educational services (NAICS 61)	Educational services	Establishments that provide instruction and training.	New sector.
Health care and social assistance (NAICS 62)	Health care and social assistance	Establishments that provide health care and social assistance for individuals.	New sector.
Arts, entertainment, and recreation (NAICS 71)	Arts, entertainment, and recreation	Establishments that operate facilities or provide services to meet varied cultural, entertainment, and recreational interests.	New sector.
Accommodation and food services (NAICS 72)	Accommodation and food services	Establishments that provide lodging and/or meals, snacks, and beverages for immediate consumption.	New sector.
Other services (except public administration) (NAICS 81)	Other services	Establishments that provide services not specifically provided for elsewhere in the classification system.	New sector. Household industry moved from Special industries.
Public administration (NAICS 92)	Final uses (part)	Establishments of federal, state, and local government agencies that administer, oversee, and manage public programs.	None.
.....	Special industries <sup>2</sup>	Special industries include industries for government enterprises, general government, noncomparable imports, scrap and used goods, rest of the world, and inventory valuation adjustment.	Household industry moved to Other services.

1. The use of data that are classified by activity rather than by industry to derive estimates for the agriculture and construction industries, and the inclusion of all real estate rental receipts in the real estate industry regardless of the industry that receives them, reflect inconsistencies with the production-based orientation of NAICS.  
 2. I-O special industries are incorporated to maintain consistency with economic concepts underlying the national income and product accounts. The general government industry is defined by BEA as consisting solely of compensation and consumption of fixed capital.

# Errata: U.S. International Services

Tables 4.1, 4.2, 4.3, and 4.4 in the article "U.S. International Services: Cross-Border Trade in 2000 and Sales Through Affiliates in 1999" in the November 2001 SURVEY OF CURRENT BUSINESS contained errors. In each of these tables, the column headings "Books, records, and tapes" and "Broadcasting and recording of live events" were switched. The tables with the corrected column headings follow.

**Table 4.1.—Royalties and License Fees, 1997**

[Millions of dollars]

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

\* Less than \$500,000.

<sup>D</sup> Suppressed to avoid disclosure of data of individual companies.

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

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

<sup>3</sup> See table 2, footnote 2.

<sup>4</sup> See table 2, footnote 3.

**Table 4.2.—Royalties and License Fees, 1998**

[Millions of dollars]

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

\* Less than \$500,000.  
 D Suppressed to avoid disclosure of data of individual companies.  
 1. Receipts include \$3,195 million for the rights to distribute, use, and reproduce computer software.

2. Payments include \$498 million for the rights to distribute, use, and reproduce computer software.  
 3. See table 2, footnote 2.  
 4. See table 2, footnote 3.

**Table 4.3.—Royalties and License Fees, 1999**  
(Millions of dollars)

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

\* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. Receipts include \$3,688 million for the rights to distribute, use, and reproduce computer software.

2. Payments include \$518 million for the rights to distribute, use, and reproduce computer software.

3. See table 2, footnote 2.

4. See table 2, footnote 3.

**Table 4.4.—Royalties and License Fees, 2000**  
[Millions of dollars]

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

\* Less than \$500,000.  
D Suppressed to avoid disclosure of data of individual companies.  
1. Receipts include \$3,890 million for the rights to distribute, use, and reproduce computer software.

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3. See table 2, footnote 2.  
4. See table 2, footnote 3.



# SUBJECT GUIDE

## VOLUME 81 (2001)

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- First Quarter 2001 {July, 1}
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- Comparing NIPA Profits with S&P 500 Profits {April, 16}

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	State Personal Income, 3rd quarter 2001 . . . . .	Jan. 24	9:00 a.m.
	Gross Domestic Product, 4th quarter 2001 (advance) . . . . .	Jan. 30	8:30 a.m.
	Personal Income and Outlays, December 2001 . . . . .	Jan. 31	8:30 a.m.
February	U.S. International Trade in Goods and Services, December 2001* . . . . .	Feb. 21	8:30 a.m.
	Gross Domestic Product, 4th quarter 2001 (preliminary) . . . . .	Feb. 28	8:30 a.m.
March	Personal Income and Outlays, January 2002 . . . . .	Mar. 1	8:30 a.m.
	U.S. International Transactions, 4th quarter 2001 . . . . .	Mar. 14	8:30 a.m.
	U.S. International Trade in Goods and Services, January 2002* . . . . .	Mar. 19	8:30 a.m.
	Gross Domestic Product, 4th quarter 2001 (final) and Corporate Profits, 4th quarter 2001 . . . . .	Mar. 28	8:30 a.m.
	Personal Income and Outlays, February 2002 . . . . .	Mar. 29	8:30 a.m.
April	U.S. International Trade in Goods and Services, February 2002* . . . . .	April 17	8:30 a.m.
	State Personal Income, 4th quarter 2001 and Per Capita Personal Income, 2001 (preliminary) . . . . .	April 23	9:00 a.m.
	Gross Domestic Product, 1st quarter 2002 (advance) . . . . .	April 26	8:30 a.m.
	Personal Income and Outlays, March 2002 . . . . .	April 29	8:30 a.m.
May	Local Area Personal Income, 2000 . . . . .	May 6	9:00 a.m.
	U.S. International Trade in Goods and Services, March 2002* . . . . .	May 17	8:30 a.m.
	Gross Domestic Product, 1st quarter 2002 (preliminary) and Corporate Profits, 1st quarter 2002 (preliminary) . . . . .	May 24	8:30 a.m.
	Personal Income and Outlays, April 2002 . . . . .	May 28	8:30 a.m.
June	Foreign Investors' Spending to Acquire or Establish U.S. Businesses, 2001 . . . . .	June 5	10:00 a.m.
	Gross State Product by Industry, 1998–2000 . . . . .	June 10	9:00 a.m.
	U.S. International Trade in Goods and Services, April 2002* . . . . .	June 20	8:30 a.m.
	U.S. International Transactions, 1st quarter 2002 . . . . .	June 20	8:30 a.m.
	Gross Domestic Product, 1st quarter 2002 (final) and Corporate Profits, 1st quarter 2002 (revised) . . . . .	June 27	8:30 a.m.
	Personal Income and Outlays, May 2002 . . . . .	June 28	8:30 a.m.
July	International Investment Position of the United States, 2001 . . . . .	June 28	10:00 a.m.
	U.S. International Trade in Goods and Services, May 2002* . . . . .	July 19	8:30 a.m.
	State Personal Income, 1st quarter 2002 . . . . .	July 24	9:00 a.m.
August	Gross Domestic Product, 2nd quarter 2002 (advance) . . . . .	July 31	8:30 a.m.
	Personal Income and Outlays, June 2002 . . . . .	Aug. 2	8:30 a.m.
	U.S. International Trade in Goods and Services, June 2002* . . . . .	Aug. 20	8:30 a.m.
	Gross Domestic Product, 2nd quarter 2002 (preliminary) and Corporate Profits, 2nd quarter 2002 (preliminary) . . . . .	Aug. 29	8:30 a.m.
September	Personal Income and Outlays, July 2002 . . . . .	Aug. 30	8:30 a.m.
	U.S. International Transactions, 2nd quarter 2002 . . . . .	Sept. 12	8:30 a.m.
	U.S. International Trade in Goods and Services, July 2002* . . . . .	Sept. 18	8:30 a.m.
	State Per Capita Personal Income, 2001 (revised) . . . . .	Sept. 23	9:00 a.m.
	Gross Domestic Product, 2nd quarter 2002 (final) and Corporate Profits, 2nd quarter 2002 (revised) . . . . .	Sept. 27	8:30 a.m.
October	Personal Income and Outlays, August 2002 . . . . .	Sept. 30	8:30 a.m.
	U.S. International Trade in Goods and Services, August 2002* . . . . .	Oct. 18	8:30 a.m.
	State Personal Income, 2nd quarter 2002 . . . . .	Oct. 24	9:00 a.m.
November	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.
December	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.	

\*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 originating 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 three Web sites. BEA's Web site at <www.bea.doc.gov> contains

data, articles, and news releases from the national, industry, international, and regional programs. The Federal Statistical Briefing Room (FSBR) on the White House Web site at <www.whitehouse.gov/fsbr/esbr.html> provides key economic statistics, including gross domestic product. The Commerce Department's STAT-USA Web site at <www.stat-usa.gov> provides detailed databases and news releases from BEA and from other Federal Government agencies by subscrip-

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 November 30, 2001, and include the “preliminary” estimates for the third quarter of 2001.

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

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

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

NOTE.—Effective with the November 30th release, the estimates of real gross product of nonfinancial corporate business and its components beginning with 1998 were revised to incorporate newly available price deflators; these revisions affected the estimates in NIPA tables 1.16 and 7.15. In addition, the per capita estimates beginning with 1991 were revised to reflect the results of the 2000 Census of Population; these revisions affected the estimates in NIPA tables 2.1, 2.9, and 8.7. For more information, see “Updated NIPA Tables” in this issue.

## S. Summary Tables

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

	[Percent]						
	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Gross domestic product.....</b>	<b>4.1</b>	<b>4.1</b>	<b>1.3</b>	<b>1.9</b>	<b>1.3</b>	<b>.3</b>	<b>-1.1</b>
<b>Personal consumption expenditures.....</b>	<b>5.0</b>	<b>4.8</b>	<b>4.3</b>	<b>3.1</b>	<b>3.0</b>	<b>2.5</b>	<b>1.1</b>
Durable goods.....	12.5	9.5	8.2	-2.1	10.6	7.0	.7
Nondurable goods.....	4.7	4.7	4.2	.6	2.4	.3	.5
Services.....	3.7	4.0	3.5	5.6	1.8	2.8	1.5
<b>Gross private domestic investment.....</b>	<b>6.6</b>	<b>6.8</b>	<b>-2.8</b>	<b>-2.3</b>	<b>-12.3</b>	<b>-12.1</b>	<b>-10.7</b>
Fixed investment.....	7.8	7.6	2.5	.5	1.9	-9.7	-6.3
Nonresidential.....	8.2	9.9	7.1	1.0	-2	-14.6	-9.3
Structures.....	-2.0	6.2	15.2	7.6	12.3	-12.2	-9.3
Equipment and software.....	11.8	11.1	4.7	-1.1	-4.1	-15.4	-9.3
Residential.....	6.7	.8	-10.4	-1.1	8.5	5.9	2.5
Change in private inventories.....							
<b>Net exports of goods and services.....</b>							
Exports.....	3.2	9.5	10.6	-4.0	-1.2	-11.9	-17.7
Goods.....	3.9	11.3	18.3	-6.9	-2.4	-17.3	-19.5
Services.....	1.6	5.3	-6.7	3.7	1.8	2.4	-13.5
Imports.....	10.5	13.4	13.0	-5	-5.0	-8.4	-12.9
Goods.....	12.4	13.5	12.3	-6	-6.7	-9.5	-9.7
Services.....	1.1	12.6	17.1	.0	4.9	-2.0	-29.8
<b>Government consumption expenditures and gross investment.....</b>	<b>3.3</b>	<b>2.7</b>	<b>-1.8</b>	<b>3.3</b>	<b>5.3</b>	<b>5.0</b>	<b>.8</b>
Federal.....	2.2	1.7	-10.4	4.6	3.2	1.8	2.7
National defense.....	2.1	.1	-10.4	10.5	7.5	2.3	2.6
Nondefense.....	2.3	4.6	-10.4	-5.1	-4.3	.9	2.8
State and local.....	3.9	3.2	3.0	2.7	6.4	6.6	-1
<b>Addenda:</b>							
Final sales of domestic product.....	4.3	4.3	2.3	2.4	4.0	.7	-3
Gross domestic purchases..	5.0	4.8	2.0	2.2	.7	.4	-9
Final sales to domestic purchasers.....	5.2	4.9	2.9	2.7	3.2	.8	-2
Gross national product.....	4.0	4.1	1.3	2.8	.8	.3	-9
Disposable personal income.....	2.5	3.5	2.6	4.2	2.7	2.4	12.5

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

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

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Percent change at annual rate:</b>							
<b>Gross domestic product.....</b>	<b>4.1</b>	<b>4.1</b>	<b>1.3</b>	<b>1.9</b>	<b>1.3</b>	<b>.3</b>	<b>-1.1</b>
<b>Percentage points at annual rates:</b>							
<b>Personal consumption expenditures.....</b>	<b>3.35</b>	<b>3.28</b>	<b>2.88</b>	<b>2.14</b>	<b>2.05</b>	<b>1.72</b>	<b>.78</b>
Durable goods.....	.97	.77	.65	-.17	.83	.56	.06
Nondurable goods.....	.93	.94	.84	.12	.49	.06	.11
Services.....	1.45	1.57	1.38	2.19	.73	1.10	.61
<b>Gross private domestic investment.....</b>	<b>1.14</b>	<b>1.19</b>	<b>-.51</b>	<b>-.42</b>	<b>-2.28</b>	<b>-2.16</b>	<b>-1.83</b>
Fixed investment.....	1.29	1.28	.44	.09	.33	-1.74	-1.08
Nonresidential.....	1.01	1.25	.91	.13	-.02	-1.99	-1.19
Structures.....	-.07	.19	.45	.24	.39	-.44	-.32
Equipment and software.....	1.08	1.06	.46	-.11	-.41	-1.55	-.87
Residential.....	.28	.04	-.47	-.05	.35	.25	.11
Change in private inventories.....	-.15	-.09	-.95	-.50	-2.61	-.42	-.75
<b>Net exports of goods and services.....</b>	<b>-.98</b>	<b>-.79</b>	<b>-.70</b>	<b>-.39</b>	<b>.63</b>	<b>-.12</b>	<b>-.16</b>
Exports.....	.35	1.01	1.13	-.46	-.13	-1.37	-2.01
Goods.....	.30	.85	1.36	-.58	-.19	-1.45	-1.55
Services.....	.05	.17	-.22	.12	.06	.08	-.45
Imports.....	-1.33	-1.81	-1.84	.07	.76	1.25	1.85
Goods.....	-1.31	-1.54	-1.48	.07	.87	1.21	1.17
Services.....	-.02	-.26	-.36	.00	-.11	.05	.68
<b>Government consumption expenditures and gross investment.....</b>	<b>.58</b>	<b>.47</b>	<b>-.32</b>	<b>.58</b>	<b>.92</b>	<b>.87</b>	<b>.14</b>
Federal.....	.13	.10	-.66	.27	.19	.11	.16
National defense.....	.08	.00	-.42	.38	.28	.09	.10
Nondefense.....	.05	.10	-.24	-.11	-.09	.02	.06
State and local.....	.44	.37	.34	.31	.73	.76	-.02

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

## 1. National Product and Income

Table 1.1.—Gross Domestic Product

[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Gross domestic product</b> .....	<b>9,268.6</b>	<b>9,872.9</b>	<b>9,937.5</b>	<b>10,027.9</b>	<b>10,141.7</b>	<b>10,202.6</b>	<b>10,229.7</b>
<b>Personal consumption expenditures</b> .....	<b>6,250.2</b>	<b>6,728.4</b>	<b>6,785.5</b>	<b>6,871.4</b>	<b>6,977.6</b>	<b>7,044.6</b>	<b>7,059.2</b>
Durable goods.....	760.9	819.6	825.4	818.7	838.1	844.7	840.3
Nondurable goods.....	1,831.3	1,989.6	2,012.4	2,025.1	2,047.1	2,062.3	2,057.3
Services.....	3,658.0	3,919.2	3,947.7	4,027.5	4,092.4	4,137.6	4,161.6
<b>Gross private domestic investment</b> .....	<b>1,636.7</b>	<b>1,767.5</b>	<b>1,788.4</b>	<b>1,780.3</b>	<b>1,722.8</b>	<b>1,669.9</b>	<b>1,623.0</b>
Fixed investment.....	1,578.2	1,718.1	1,735.9	1,741.6	1,748.3	1,706.5	1,679.2
Nonresidential.....	1,174.6	1,293.1	1,314.9	1,318.2	1,311.2	1,260.2	1,228.5
Structures.....	283.5	313.6	321.1	330.9	345.8	338.6	332.1
Equipment and software.....	891.1	979.5	993.8	987.3	965.4	921.7	896.3
Residential.....	403.5	425.1	421.0	423.4	437.0	446.2	450.7
Change in private inventories.....	58.6	49.4	52.5	38.7	-25.5	-36.6	-56.2
<b>Net exports of goods and services</b> .....	<b>-250.9</b>	<b>-364.0</b>	<b>-380.6</b>	<b>-390.6</b>	<b>-363.8</b>	<b>-347.4</b>	<b>-292.2</b>
Exports.....	989.8	1,102.9	1,131.1	1,121.0	1,117.4	1,079.6	1,023.7
Goods.....	698.3	785.6	813.4	799.7	794.2	754.4	710.6
Services.....	291.5	317.3	317.7	321.3	323.2	325.2	313.1
Imports.....	1,240.6	1,466.9	1,511.8	1,511.6	1,481.2	1,427.0	1,315.9
Goods.....	1,046.9	1,244.9	1,283.0	1,284.0	1,248.7	1,197.8	1,146.8
Services.....	193.7	221.9	228.7	227.7	232.5	229.2	169.1
<b>Government consumption expenditures and gross investment</b> .....	<b>1,632.5</b>	<b>1,741.0</b>	<b>1,744.2</b>	<b>1,766.8</b>	<b>1,805.2</b>	<b>1,835.4</b>	<b>1,839.7</b>
Federal.....	564.0	590.2	587.0	594.2	605.3	609.9	614.5
National defense.....	364.5	375.4	372.1	382.4	392.9	396.1	399.1
Nondefense.....	199.5	214.8	214.9	211.8	212.4	213.8	215.4
State and local.....	1,068.5	1,150.8	1,157.2	1,172.6	1,199.8	1,225.5	1,225.1

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

Table 1.2.—Real Gross Domestic Product

[Billions of chained (1996) dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Gross domestic product</b> .....	<b>8,856.5</b>	<b>9,224.0</b>	<b>9,260.1</b>	<b>9,303.9</b>	<b>9,334.5</b>	<b>9,341.7</b>	<b>9,316.8</b>
<b>Personal consumption expenditures</b> .....	<b>5,968.4</b>	<b>6,257.8</b>	<b>6,292.1</b>	<b>6,341.1</b>	<b>6,388.5</b>	<b>6,428.4</b>	<b>6,446.5</b>
Durable goods.....	817.8	895.5	904.1	899.4	922.4	938.1	939.8
Nondurable goods.....	1,766.4	1,849.9	1,864.1	1,866.8	1,878.0	1,879.4	1,881.8
Services.....	3,393.2	3,527.7	3,540.2	3,588.8	3,605.1	3,629.8	3,643.5
<b>Gross private domestic investment</b> .....	<b>1,660.1</b>	<b>1,772.9</b>	<b>1,788.8</b>	<b>1,778.3</b>	<b>1,721.0</b>	<b>1,666.2</b>	<b>1,619.5</b>
Fixed investment.....	1,595.4	1,716.2	1,730.1	1,732.1	1,740.3	1,696.4	1,668.9
Nonresidential.....	1,228.6	1,350.7	1,371.1	1,374.5	1,373.9	1,320.9	1,289.1
Structures.....	256.9	272.8	278.2	283.3	291.7	282.3	275.5
Equipment and software.....	978.3	1,087.4	1,102.3	1,099.3	1,087.7	1,043.2	1,018.1
Residential.....	368.3	371.4	366.3	365.3	372.9	378.3	380.6
Change in private inventories.....	62.1	50.6	51.7	42.8	-27.1	-38.3	-60.1
<b>Net exports of goods and services</b> .....	<b>-316.9</b>	<b>-399.1</b>	<b>-411.2</b>	<b>-421.1</b>	<b>-404.5</b>	<b>-406.7</b>	<b>-408.1</b>
Exports.....	1,034.9	1,133.2	1,159.3	1,147.5	1,144.1	1,108.3	1,055.5
Goods.....	751.3	836.1	864.8	849.5	844.4	805.2	762.7
Services.....	284.2	299.3	297.8	300.5	301.8	303.6	292.8
Imports.....	1,351.7	1,532.3	1,570.6	1,568.5	1,548.6	1,515.0	1,463.7
Goods.....	1,159.2	1,315.6	1,348.0	1,345.9	1,322.8	1,290.1	1,257.6
Services.....	194.3	218.7	224.6	224.7	227.4	226.2	207.1
<b>Government consumption expenditures and gross investment</b> .....	<b>1,531.8</b>	<b>1,572.6</b>	<b>1,570.0</b>	<b>1,582.8</b>	<b>1,603.4</b>	<b>1,623.0</b>	<b>1,626.2</b>
Federal.....	536.7	545.9	541.8	547.9	552.2	554.7	558.4
National defense.....	348.6	349.0	345.1	353.8	360.3	362.4	364.7
Nondefense.....	188.1	196.7	196.5	194.0	191.8	192.3	193.6
State and local.....	994.7	1,026.3	1,027.6	1,034.3	1,050.5	1,067.4	1,067.0
Residual.....	.1	-4.4	-6.0	-3.3	5.2	14.3	21.5

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.

Percent changes from preceding period for selected items in this table are shown in table 8.1; contributions to the percent change in real gross domestic product are shown in table 8.2.

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

**Table 1.3.—Gross Domestic Product by Major Type of Product**  
[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Gross domestic product</b> .....	<b>9,268.6</b>	<b>9,872.9</b>	<b>9,937.5</b>	<b>10,027.9</b>	<b>10,141.7</b>	<b>10,202.6</b>	<b>10,229.7</b>
Final sales of domestic product ..	9,210.0	9,823.6	9,884.9	9,989.2	10,167.2	10,239.1	10,285.9
Change in private inventories .....	58.6	49.4	52.5	38.7	-25.5	-36.6	-56.2
<b>Goods</b> .....	<b>3,477.2</b>	<b>3,694.2</b>	<b>3,729.7</b>	<b>3,709.3</b>	<b>3,693.4</b>	<b>3,678.4</b>	<b>3,631.5</b>
Final sales .....	3,418.6	3,644.8	3,677.2	3,670.6	3,718.8	3,715.0	3,687.6
Change in private inventories .....	58.6	49.4	52.5	38.7	-25.5	-36.6	-56.2
Durable goods .....	1,654.1	1,769.9	1,786.8	1,772.2	1,724.8	1,694.9	1,646.6
Final sales .....	1,618.8	1,735.2	1,753.8	1,740.7	1,755.8	1,737.2	1,701.3
Change in private inventories <sup>1</sup> .....	35.3	34.7	33.0	31.5	-31.0	-42.3	-54.7
Nondurable goods .....	1,823.1	1,924.3	1,942.9	1,937.1	1,968.6	1,983.5	1,984.9
Final sales .....	1,799.8	1,909.6	1,923.5	1,929.9	1,963.1	1,977.8	1,986.3
Change in private inventories <sup>1</sup> .....	23.3	14.7	19.5	7.2	5.5	5.8	-1.4
<b>Services</b> .....	<b>4,939.1</b>	<b>5,268.4</b>	<b>5,296.1</b>	<b>5,399.0</b>	<b>5,482.8</b>	<b>5,545.7</b>	<b>5,631.9</b>
<b>Structures</b> .....	<b>852.3</b>	<b>910.3</b>	<b>911.6</b>	<b>925.6</b>	<b>965.6</b>	<b>978.4</b>	<b>966.4</b>
<b>Addenda:</b>							
Motor vehicle output	353.5	353.0	351.4	332.1	315.5	331.5	336.6
Gross domestic product less motor vehicle output .....	8,915.1	9,519.9	9,586.0	9,695.8	9,826.3	9,871.1	9,893.1

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]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Gross domestic product</b> ..	<b>8,856.5</b>	<b>9,224.0</b>	<b>9,260.1</b>	<b>9,303.9</b>	<b>9,334.5</b>	<b>9,341.7</b>	<b>9,316.8</b>
Final sales of domestic product .....	8,792.0	9,167.0	9,201.3	9,256.7	9,347.8	9,364.8	9,357.4
Change in private inventories .....	62.1	50.6	51.7	42.8	-27.1	-38.3	-60.1
Residual .....	2.4	6.4	7.1	4.4	13.8	15.2	19.5
<b>Goods</b> .....	<b>3,516.1</b>	<b>3,719.4</b>	<b>3,752.9</b>	<b>3,730.3</b>	<b>3,706.2</b>	<b>3,672.2</b>	<b>3,629.7</b>
Final sales .....	3,451.7	3,663.1	3,694.5	3,684.5	3,726.3	3,703.1	3,679.6
Change in private inventories .....	62.1	50.6	51.7	42.8	-27.1	-38.3	-60.1
Durable goods .....	1,762.7	1,908.1	1,926.8	1,913.1	1,873.6	1,848.9	1,800.1
Final sales .....	1,722.9	1,868.7	1,889.0	1,871.3	1,907.3	1,894.8	1,860.6
Change in private inventories <sup>1</sup> .....	37.5	36.0	34.8	32.8	-32.8	-44.5	-59.5
Nondurable goods .....	1,759.3	1,822.2	1,837.3	1,828.0	1,839.8	1,829.4	1,831.2
Final sales .....	1,734.5	1,804.8	1,816.5	1,817.6	1,830.5	1,819.5	1,826.7
Change in private inventories <sup>1</sup> .....	24.6	15.1	17.2	10.5	4.5	4.5	-2.3
<b>Services</b> .....	<b>4,572.8</b>	<b>4,725.1</b>	<b>4,732.5</b>	<b>4,789.9</b>	<b>4,816.1</b>	<b>4,848.4</b>	<b>4,875.6</b>
<b>Structures</b> .....	<b>774.3</b>	<b>792.2</b>	<b>789.9</b>	<b>794.3</b>	<b>817.6</b>	<b>821.8</b>	<b>808.5</b>
Residual .....	-10.1	-17.9	-19.8	-18.3	-8.7	-2.8	7.2
<b>Addenda:</b>							
Motor vehicle output	356.2	353.8	352.2	333.1	318.1	336.1	340.8
Gross domestic product less motor vehicle output .....	8,502.0	8,870.8	8,908.5	8,969.8	9,014.0	9,004.9	8,975.8

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

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

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

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

**Table 1.5.—Relation of Gross Domestic Product, Gross Domestic Purchases, and Final Sales to Domestic Purchasers**  
[Billions of dollars]

<b>Gross domestic product</b> .....	<b>9,268.6</b>	<b>9,872.9</b>	<b>9,937.5</b>	<b>10,027.9</b>	<b>10,141.7</b>	<b>10,202.6</b>	<b>10,229.7</b>
Less: Exports of goods and services .....	989.8	1,102.9	1,131.1	1,121.0	1,117.4	1,079.6	1,023.7
Plus: Imports of goods and services .....	1,240.6	1,466.9	1,511.8	1,511.6	1,481.2	1,427.0	1,315.9
<b>Equals: Gross domestic purchases</b> .....	<b>9,519.5</b>	<b>10,236.9</b>	<b>10,318.1</b>	<b>10,418.5</b>	<b>10,505.6</b>	<b>10,549.9</b>	<b>10,521.9</b>
Less: Change in private inventories .....	58.6	49.4	52.5	38.7	-25.5	-36.6	-56.2
<b>Equals: Final sales to domestic purchasers</b> .....	<b>9,460.9</b>	<b>10,187.5</b>	<b>10,265.6</b>	<b>10,379.8</b>	<b>10,531.0</b>	<b>10,586.5</b>	<b>10,578.1</b>

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]

<b>Gross domestic product</b> .....	<b>8,856.5</b>	<b>9,224.0</b>	<b>9,260.1</b>	<b>9,303.9</b>	<b>9,334.5</b>	<b>9,341.7</b>	<b>9,316.8</b>
Less: Exports of goods and services .....	1,034.9	1,133.2	1,159.3	1,147.5	1,144.1	1,108.3	1,055.5
Plus: Imports of goods and services .....	1,351.7	1,532.3	1,570.6	1,568.5	1,548.6	1,515.0	1,463.7
<b>Equals: Gross domestic purchases</b> .....	<b>9,154.9</b>	<b>9,594.7</b>	<b>9,641.5</b>	<b>9,694.4</b>	<b>9,710.4</b>	<b>9,720.4</b>	<b>9,699.1</b>
Less: Change in private inventories .....	62.1	50.6	51.7	42.8	-27.1	-38.3	-60.1
<b>Equals: Final sales to domestic purchasers</b> .....	<b>9,090.3</b>	<b>9,537.7</b>	<b>9,582.5</b>	<b>9,647.1</b>	<b>9,723.8</b>	<b>9,743.7</b>	<b>9,739.9</b>

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]

<b>Gross domestic product</b> .....	<b>9,268.6</b>	<b>9,872.9</b>	<b>9,937.5</b>	<b>10,027.9</b>	<b>10,141.7</b>	<b>10,202.6</b>	<b>10,229.7</b>
<b>Business</b> <sup>1</sup> .....	<b>7,840.6</b>	<b>8,356.8</b>	<b>8,411.6</b>	<b>8,487.8</b>	<b>8,574.1</b>	<b>8,609.4</b>	<b>8,611.7</b>
Nonfarm .....	7,766.3	8,277.8	8,331.0	8,404.3	8,489.2	8,525.2	8,521.5
Nonfarm less housing .....	7,015.2	7,480.8	7,530.6	7,592.5	7,670.5	7,687.7	7,679.9
Housing .....	751.1	796.9	800.4	811.9	818.7	837.5	841.5
Farm .....	74.3	79.0	80.7	83.5	84.9	84.2	90.3
<b>Households and institutions</b> .....	<b>403.3</b>	<b>432.0</b>	<b>435.7</b>	<b>443.6</b>	<b>454.3</b>	<b>465.6</b>	<b>474.9</b>
Private households .....	12.7	13.6	13.8	14.4	14.8	15.1	15.4
Nonprofit institutions .....	390.6	418.4	421.9	429.2	439.5	450.5	459.5
<b>General government</b> <sup>3</sup> .....	<b>1,024.7</b>	<b>1,084.2</b>	<b>1,090.1</b>	<b>1,096.5</b>	<b>1,113.3</b>	<b>1,127.6</b>	<b>1,143.1</b>
Federal .....	308.1	323.8	324.6	323.2	329.6	332.2	335.4
State and local .....	716.6	760.4	765.5	773.3	783.7	795.3	807.7

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]

<b>Gross domestic product</b> ..	<b>8,856.5</b>	<b>9,224.0</b>	<b>9,260.1</b>	<b>9,303.9</b>	<b>9,334.5</b>	<b>9,341.7</b>	<b>9,316.8</b>
<b>Business</b> <sup>1</sup> .....	<b>7,539.7</b>	<b>7,879.1</b>	<b>7,912.1</b>	<b>7,949.8</b>	<b>7,971.6</b>	<b>7,967.3</b>	<b>7,930.7</b>
Nonfarm .....	7,433.1	7,761.5	7,792.8	7,828.7	7,852.6	7,853.2	7,815.5
Nonfarm less housing .....	6,744.6	7,053.3	7,083.9	7,115.8	7,141.0	7,132.3	7,099.3
Housing .....	689.1	709.3	710.2	714.2	713.0	721.7	717.1
Farm .....	106.0	120.5	123.0	125.5	121.9	114.6	116.5
<b>Households and institutions</b> ..	<b>379.1</b>	<b>388.6</b>	<b>389.6</b>	<b>393.0</b>	<b>396.8</b>	<b>402.1</b>	<b>405.1</b>
Private households .....	11.7	12.0	12.1	12.6	12.7	12.9	13.1
Nonprofit institutions .....	367.4	376.7	377.6	380.4	384.2	389.2	392.1
<b>General government</b> <sup>3</sup> .....	<b>939.5</b>	<b>959.3</b>	<b>961.5</b>	<b>964.4</b>	<b>969.1</b>	<b>974.7</b>	<b>982.2</b>
Federal .....	285.8	290.1	290.4	289.8	289.9	290.9	293.5
State and local .....	653.5	669.0	670.9	674.3	679.0	683.6	688.5
Residual .....	-1.6	-6.9	-8.0	-8.7	-7.2	-3.5	-3.3

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 3.8.

NOTE.— Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines. Chain-type quantity indexes for the series in this table are shown in table 7.14.

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

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Gross domestic product</b>	<b>9,268.6</b>	<b>9,872.9</b>	<b>9,937.5</b>	<b>10,027.9</b>	<b>10,141.7</b>	<b>10,202.6</b>	<b>10,229.7</b>
Plus: Income receipts from the rest of the world .....	313.8	384.2	386.6	402.1	378.9	346.9	322.2
Less: Income payments to the rest of the world .....	320.5	396.3	404.7	397.9	389.4	358.6	329.2
<b>Equals: Gross national product</b>	<b>9,261.8</b>	<b>9,860.8</b>	<b>9,919.4</b>	<b>10,032.1</b>	<b>10,131.3</b>	<b>10,190.9</b>	<b>10,222.8</b>
Less: Consumption of fixed capital .....	1,151.4	1,241.3	1,254.3	1,276.8	1,299.9	1,341.5	1,406.3
Private .....	953.3	1,029.9	1,041.2	1,060.9	1,081.3	1,120.2	1,177.0
Capital consumption allowances .....	991.6	1,056.3	1,063.8	1,080.6	1,098.1	1,124.3	1,173.1
Less: Capital consumption adjustment .....	38.4	26.4	22.6	19.6	16.8	4.1	-3.9
Government .....	198.1	211.3	213.1	215.9	218.6	221.3	229.4
General government .....	168.9	180.1	181.6	184.1	186.2	188.6	190.1
Government enterprises .....	29.2	31.2	31.5	31.9	32.3	32.7	39.2
<b>Equals: Net national product</b>	<b>8,110.4</b>	<b>8,619.5</b>	<b>8,665.1</b>	<b>8,755.3</b>	<b>8,831.4</b>	<b>8,849.4</b>	<b>8,816.4</b>
Less: Indirect business tax and nontax liability Business transfer payments .....	713.1	762.7	767.6	775.6	785.7	792.3	794.7
Statistical discrepancy .....	41.3	43.9	44.0	44.4	44.3	44.5	44.5
Plus: Subsidies less current surplus of government enterprises .....	-72.7	-130.4	-156.3	-150.0	-120.5	-143.2	-140.2
<b>Equals: National income</b>	<b>7,462.1</b>	<b>7,980.9</b>	<b>8,047.2</b>	<b>8,124.0</b>	<b>8,169.7</b>	<b>8,207.9</b>	<b>8,189.2</b>
Less: Corporate profits with inventory valuation and capital consumption adjustments .....	825.2	876.4	895.0	847.6	789.8	759.8	696.7
Net interest .....	506.5	532.7	535.3	540.6	549.4	553.0	557.0
Contributions for social insurance .....	660.7	701.5	705.0	714.9	729.1	732.8	733.2
Wage accruals less disbursements .....	5.2	.0	.0	.0	.0	.0	.0
Plus: Personal interest income .....	950.0	1,000.6	1,009.2	1,013.1	1,010.9	1,001.0	991.3
Personal dividend income .....	343.1	379.2	385.8	396.6	404.8	411.9	420.0
Government transfer payments to persons .....	988.4	1,036.0	1,041.3	1,055.2	1,088.7	1,104.6	1,123.7
Business transfer payments to persons .....	31.1	33.1	33.3	33.8	34.3	34.8	35.3
<b>Equals: Personal income</b>	<b>7,777.3</b>	<b>8,319.2</b>	<b>8,381.5</b>	<b>8,519.6</b>	<b>8,640.2</b>	<b>8,714.6</b>	<b>8,772.5</b>
<b>Addenda:</b>							
Gross domestic income .....	9,341.3	10,003.4	10,093.7	10,178.0	10,262.2	10,345.7	10,369.9
Gross national income .....	9,334.6	9,991.2	10,075.6	10,182.1	10,251.8	10,334.0	10,363.0
Net domestic product .....	8,117.2	8,631.7	8,683.2	8,751.1	8,841.9	8,861.1	8,823.4

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

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Gross domestic product</b>	<b>8,856.5</b>	<b>9,224.0</b>	<b>9,260.1</b>	<b>9,303.9</b>	<b>9,334.5</b>	<b>9,341.7</b>	<b>9,316.8</b>
Plus: Income receipts from the rest of the world .....	301.3	360.2	361.6	374.3	350.3	319.6	297.0
Less: Income payments to the rest of the world .....	304.7	367.0	373.7	365.8	355.2	325.7	298.9
<b>Equals: Gross national product</b>	<b>8,853.0</b>	<b>9,216.4</b>	<b>9,247.2</b>	<b>9,311.7</b>	<b>9,329.1</b>	<b>9,335.5</b>	<b>9,315.3</b>
Less: Consumption of fixed capital .....	1,162.3	1,238.9	1,249.4	1,279.1	1,313.1	1,353.4	1,406.9
Private .....	967.9	1,036.2	1,045.7	1,073.4	1,105.6	1,144.2	1,188.4
Government .....	194.7	203.1	204.1	206.2	208.2	210.2	219.6
General government .....	166.6	173.9	174.8	176.5	178.2	180.0	181.9
Government enterprises .....	28.1	29.2	29.4	29.6	29.9	30.2	37.4
<b>Equals: Net national product</b>	<b>7,693.6</b>	<b>7,982.5</b>	<b>8,003.0</b>	<b>8,038.9</b>	<b>8,025.2</b>	<b>7,995.4</b>	<b>7,927.3</b>
<b>Addenda:</b>							
Gross domestic income <sup>1</sup> .....	8,926.0	9,345.7	9,405.7	9,443.1	9,445.4	9,472.8	9,444.5
Gross national income <sup>2</sup> .....	8,922.6	9,338.2	9,392.9	9,450.9	9,440.1	9,466.7	9,443.0
Net domestic product .....	7,697.0	7,990.0	8,015.7	8,031.2	8,030.6	8,001.5	7,929.0

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]

	1999	2000	2000	2001	2001	2001	2001
			III	IV	I	II	III
<b>Gross national product</b>	<b>8,853.0</b>	<b>9,216.4</b>	<b>9,247.2</b>	<b>9,311.7</b>	<b>9,329.1</b>	<b>9,335.5</b>	<b>9,315.3</b>
Less: Exports of goods and services and income receipts from the rest of the world .....	1,336.8	1,496.2	1,523.3	1,525.3	1,496.2	1,428.0	1,352.0
Plus: Command-basis exports of goods and services and income receipts from the rest of the world <sup>1</sup> .....	1,381.8	1,516.1	1,539.7	1,542.2	1,521.7	1,467.3	1,436.8
<b>Equals: Command-basis gross national product</b>	<b>8,898.0</b>	<b>9,236.3</b>	<b>9,263.6</b>	<b>9,328.6</b>	<b>9,354.7</b>	<b>9,374.9</b>	<b>9,400.1</b>
<b>Addendum:</b>							
Terms of trade <sup>2</sup> .....	103.3	101.3	101.1	101.1	101.7	102.8	106.3

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]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>National income</b> .....	<b>7,462.1</b>	<b>7,980.9</b>	<b>8,047.2</b>	<b>8,124.0</b>	<b>8,169.7</b>	<b>8,207.9</b>	<b>8,189.2</b>
<b>Compensation of employees</b> .....	<b>5,310.7</b>	<b>5,715.2</b>	<b>5,759.3</b>	<b>5,868.9</b>	<b>5,955.7</b>	<b>6,010.8</b>	<b>6,038.9</b>
Wage and salary accruals ....	4,477.4	4,837.2	4,875.8	4,973.2	5,049.4	5,099.8	5,124.6
Government .....	724.3	768.4	772.6	776.6	788.8	799.6	812.3
Other .....	3,753.1	4,068.8	4,103.2	4,196.6	4,260.6	4,300.2	4,312.2
Supplements to wages and salaries .....	833.4	878.0	883.5	895.7	906.3	911.0	914.3
Employer contributions for social insurance .....	323.6	343.8	345.6	350.8	357.1	358.8	358.9
Other labor income .....	509.7	534.2	537.9	544.9	549.3	552.2	555.4
<b>Proprietors' income with inventory valuation and capital consumption adjustments</b> .....	<b>672.0</b>	<b>715.0</b>	<b>719.3</b>	<b>725.2</b>	<b>735.2</b>	<b>745.3</b>	<b>753.0</b>
Farm .....	26.6	30.6	31.6	31.7	29.8	28.7	32.2
Proprietors' income with inventory valuation adjustment .....	35.0	38.2	39.1	38.9	37.2	36.0	39.8
Capital consumption adjustment .....	-8.4	-7.6	-7.5	-7.2	-7.4	-7.3	-7.6
Nonfarm .....	645.4	684.4	687.6	693.5	705.4	716.6	720.8
Proprietors' income .....	588.0	625.9	628.6	633.6	642.7	652.5	653.0
Inventory valuation adjustment .....	-8	-1.1	-1	-4	-1	-8	5
Capital consumption adjustment .....	58.1	59.6	59.2	60.2	62.7	64.9	67.3
<b>Rental income of persons with capital consumption adjustment</b> .....	<b>147.7</b>	<b>141.6</b>	<b>138.3</b>	<b>141.7</b>	<b>139.6</b>	<b>139.0</b>	<b>143.6</b>
Rental income of persons .....	203.6	202.5	199.8	204.7	205.2	213.4	210.9
Capital consumption adjustment .....	-55.9	-61.0	-61.4	-63.0	-65.5	-74.4	-67.3
<b>Corporate profits with inventory valuation and capital consumption adjustments</b> .....	<b>825.2</b>	<b>876.4</b>	<b>895.0</b>	<b>847.6</b>	<b>789.8</b>	<b>759.8</b>	<b>696.7</b>
Corporate profits with inventory valuation adjustment .....	773.4	833.0	854.6	809.2	753.8	729.5	683.4
Profits before tax .....	776.3	845.4	858.3	816.5	755.7	738.3	680.1
Profits tax liability .....	253.0	271.5	274.9	253.5	236.8	228.0	206.0
Profits after tax .....	523.3	573.9	583.4	563.0	518.9	510.3	474.1
Dividends .....	343.5	379.6	386.2	397.0	405.2	412.3	420.4
Undistributed profits .....	179.8	194.3	197.2	165.9	113.7	98.0	53.7
Inventory valuation adjustment .....	-2.9	-12.4	-3.6	-7.3	-1.9	-8.8	3.3
Capital consumption adjustment .....	51.7	43.4	40.4	38.4	36.0	30.3	13.3
<b>Net interest</b> .....	<b>506.5</b>	<b>532.7</b>	<b>535.3</b>	<b>540.6</b>	<b>549.4</b>	<b>553.0</b>	<b>557.0</b>
<b>Addenda:</b>							
Corporate profits after tax with inventory valuation and capital consumption adjustments .....	572.1	604.9	620.1	594.1	553.0	531.8	490.7
Net cash flow with inventory valuation and capital consumption adjustments .....	897.9	952.4	969.9	946.7	911.6	905.1	917.4
Undistributed profits with inventory valuation and capital consumption adjustments .....	228.7	225.3	233.9	197.0	147.8	119.5	70.4
Consumption of fixed capital .....	669.2	727.1	736.0	749.7	763.8	785.6	847.0
Less: Inventory valuation adjustment .....	-2.9	-12.4	-3.6	-7.3	-1.9	-8.8	3.3
<b>Equals: Net cash flow</b> .....	<b>900.7</b>	<b>964.8</b>	<b>973.5</b>	<b>954.0</b>	<b>913.5</b>	<b>913.9</b>	<b>914.1</b>

**Table 1.16.—Gross Product of Corporate Business in Current Dollars and Gross Product of Nonfinancial Corporate Business in Current and Chained Dollars**

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
							Billions of dollars
<b>Gross product of corporate business</b> .....	<b>5,667.6</b>	<b>6,110.8</b>	<b>6,174.1</b>	<b>6,226.6</b>	<b>6,265.9</b>	<b>6,296.3</b>	<b>6,287.9</b>
Consumption of fixed capital .....	669.2	727.1	736.0	749.7	763.8	785.6	847.0
Net product .....	4,998.4	5,383.8	5,438.1	5,476.9	5,502.1	5,510.6	5,440.8
Indirect business tax and nontax liability plus business transfer payments less subsidies .....	518.5	557.7	560.1	567.6	574.6	579.0	559.8
Domestic income .....	4,479.8	4,826.0	4,878.0	4,909.3	4,927.4	4,931.6	4,861.0
Compensation of employees .....	3,594.3	3,883.4	3,914.7	4,001.4	4,058.5	4,093.8	4,105.7
Wage and salary accruals .....	3,082.8	3,342.9	3,370.8	3,449.7	3,500.6	3,533.0	3,542.9
Supplements to wages and salaries .....	511.5	540.5	544.0	551.6	557.9	560.8	562.8
Corporate profits with inventory valuation and capital consumption adjustments .....	710.5	739.6	754.0	690.8	649.7	615.8	553.8
Profits before tax .....	661.7	708.6	717.3	659.7	615.7	594.3	537.2
Profits tax liability .....	253.0	271.5	274.9	253.5	236.8	228.0	206.0
Profits after tax .....	408.7	437.1	442.4	406.2	378.9	366.3	331.2
Dividends .....	304.3	341.9	351.1	359.3	383.2	374.7	399.3
Undistributed profits .....	104.4	95.2	91.3	46.9	-4.3	-8.4	-68.1
Inventory valuation adjustment .....	-2.9	-12.4	-3.6	-7.3	-1.9	-8.8	3.3
Capital consumption adjustment .....	51.7	43.4	40.4	38.4	36.0	30.3	13.3
Net interest .....	175.0	203.0	209.2	217.2	219.2	222.0	221.5
<b>Gross product of financial corporate business</b> .....	<b>661.5</b>	<b>730.1</b>	<b>736.9</b>	<b>763.6</b>	<b>769.6</b>	<b>756.6</b>	<b>745.1</b>
<b>Gross product of nonfinancial corporate business</b> .....	<b>5,006.1</b>	<b>5,380.7</b>	<b>5,437.1</b>	<b>5,463.0</b>	<b>5,496.3</b>	<b>5,539.7</b>	<b>5,542.7</b>
Consumption of fixed capital .....	560.7	606.9	614.0	625.0	637.3	656.7	702.2
Net product .....	4,445.4	4,773.9	4,823.1	4,838.0	4,859.0	4,883.0	4,840.5
Indirect business tax and nontax liability plus business transfer payments less subsidies .....	479.2	516.5	518.8	526.0	532.9	537.0	517.7
Domestic income .....	3,966.1	4,257.4	4,304.3	4,312.0	4,326.1	4,345.9	4,322.8
Compensation of employees .....	3,272.2	3,535.2	3,563.7	3,643.4	3,694.5	3,726.7	3,737.5
Wage and salary accruals .....	2,805.4	3,041.7	3,066.9	3,139.5	3,185.1	3,214.6	3,223.6
Supplements to wages and salaries .....	466.9	493.5	496.7	503.9	509.4	512.0	513.9
Corporate profits with inventory valuation and capital consumption adjustments .....	530.3	550.1	566.8	503.4	464.8	450.4	416.8
Profits before tax .....	470.7	504.2	514.2	455.3	413.5	411.0	382.8
Profits tax liability .....	170.9	186.6	190.3	168.2	152.5	151.2	140.0
Profits after tax .....	299.8	317.6	323.9	287.1	261.0	259.8	242.8
Dividends .....	240.0	269.0	276.0	282.2	300.9	294.3	313.7
Undistributed profits .....	59.8	48.6	48.0	5.0	-39.9	-34.5	-70.9
Inventory valuation adjustment .....	-2.9	-12.4	-3.6	-7.3	-1.9	-8.8	3.3
Capital consumption adjustment .....	62.5	58.3	56.2	55.4	53.2	48.2	30.7
Net interest .....	163.6	172.1	173.8	165.2	166.8	168.9	168.5
							Billions of chained (1996) dollars
<b>Gross product of nonfinancial corporate business</b> <sup>1</sup> .....	<b>4,920.9</b>	<b>5,157.9</b>	<b>5,192.3</b>	<b>5,196.7</b>	<b>5,205.3</b>	<b>5,216.3</b>	<b>5,219.6</b>
Consumption of fixed capital <sup>2</sup> .....	579.1	624.8	631.0	650.1	666.7	688.4	730.6
Net product <sup>3</sup> .....	4,341.8	4,533.1	4,561.2	4,546.6	4,538.6	4,527.9	4,489.1

1. Effective with this release, the estimates of chained-dollar gross product of nonfinancial corporate business beginning with 1998 are 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]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Personal income</b> .....	<b>7,777.3</b>	<b>8,319.2</b>	<b>8,381.5</b>	<b>8,519.6</b>	<b>8,640.2</b>	<b>8,714.6</b>	<b>8,772.5</b>
<b>Wage and salary disbursements</b> .....	<b>4,472.2</b>	<b>4,837.2</b>	<b>4,875.8</b>	<b>4,973.2</b>	<b>5,049.4</b>	<b>5,099.8</b>	<b>5,124.6</b>
Private industries .....	3,747.9	4,068.8	4,103.2	4,196.6	4,260.6	4,300.2	4,312.2
Goods-producing industries .....	1,088.7	1,163.7	1,173.2	1,195.5	1,206.3	1,204.4	1,197.7
Manufacturing .....	782.0	830.1	838.0	852.2	853.3	850.2	841.3
Distributive industries .....	1,021.0	1,095.6	1,102.4	1,125.9	1,140.3	1,148.2	1,148.6
Service industries .....	1,638.2	1,809.5	1,827.6	1,875.2	1,914.0	1,947.6	1,965.9
Government .....	724.3	768.4	772.6	776.6	788.8	799.6	812.3
<b>Other labor income</b> .....	<b>509.7</b>	<b>534.2</b>	<b>537.9</b>	<b>544.9</b>	<b>549.3</b>	<b>552.2</b>	<b>555.4</b>
<b>Proprietors' income with inventory valuation and capital consumption adjustments</b> .....	<b>672.0</b>	<b>715.0</b>	<b>719.3</b>	<b>725.2</b>	<b>735.2</b>	<b>745.3</b>	<b>753.0</b>
Farm .....	26.6	30.6	31.6	31.7	29.8	28.7	32.2
Nonfarm .....	645.4	684.4	687.6	693.5	705.4	716.6	720.8
<b>Rental income of persons with capital consumption adjustment</b> .....	<b>147.7</b>	<b>141.6</b>	<b>138.3</b>	<b>141.7</b>	<b>139.6</b>	<b>139.0</b>	<b>143.6</b>
<b>Personal dividend income</b> .....	<b>343.1</b>	<b>379.2</b>	<b>385.8</b>	<b>396.6</b>	<b>404.8</b>	<b>411.9</b>	<b>420.0</b>
<b>Personal interest income</b> .....	<b>950.0</b>	<b>1,000.6</b>	<b>1,009.2</b>	<b>1,013.1</b>	<b>1,010.9</b>	<b>1,001.0</b>	<b>991.3</b>
<b>Transfer payments to persons</b> .....	<b>1,019.6</b>	<b>1,069.1</b>	<b>1,074.6</b>	<b>1,089.0</b>	<b>1,123.1</b>	<b>1,139.4</b>	<b>1,158.9</b>
Old-age, survivors, disability, and health insurance benefits .....	588.0	617.3	620.9	626.5	651.4	660.1	670.9
Government unemployment insurance benefits .....	20.3	20.3	20.1	22.1	22.7	23.1	23.9
Veterans benefits .....	24.3	25.1	25.2	25.3	26.2	25.8	26.5
Other transfer payments ..	387.0	406.4	408.5	415.1	422.8	430.4	437.7
Family assistance <sup>1</sup> .....	17.7	18.3	18.4	18.6	19.0	19.2	19.3
Other .....	369.3	388.1	390.1	396.5	403.8	411.2	418.4
<b>Less: Personal contributions for social insurance</b> .....	<b>337.1</b>	<b>357.7</b>	<b>359.4</b>	<b>364.1</b>	<b>372.1</b>	<b>374.0</b>	<b>374.3</b>
<b>Less: Personal tax and nontax payments</b> .....	<b>1,159.2</b>	<b>1,288.2</b>	<b>1,300.2</b>	<b>1,329.8</b>	<b>1,345.2</b>	<b>1,351.4</b>	<b>1,195.6</b>
<b>Equals: Disposable personal income</b> .....	<b>6,618.0</b>	<b>7,031.0</b>	<b>7,081.3</b>	<b>7,189.8</b>	<b>7,295.0</b>	<b>7,363.2</b>	<b>7,576.9</b>
<b>Less: Personal outlays</b> .....	<b>6,457.2</b>	<b>6,963.3</b>	<b>7,026.9</b>	<b>7,115.1</b>	<b>7,216.2</b>	<b>7,281.7</b>	<b>7,292.6</b>
Personal consumption expenditures .....	6,250.2	6,728.4	6,785.5	6,871.4	6,977.6	7,044.6	7,059.2
Interest paid by persons .....	179.7	205.3	211.3	212.9	208.5	206.3	202.7
Personal transfer payments to the rest of the world (net) .....	27.2	29.6	30.1	30.8	30.1	30.8	30.7
<b>Equals: Personal saving</b> .....	<b>160.9</b>	<b>67.7</b>	<b>54.5</b>	<b>74.7</b>	<b>78.8</b>	<b>81.5</b>	<b>284.3</b>
<b>Addenda:</b>							
Disposable personal income: Total, billions of chained (1996) dollars <sup>2</sup> .....	6,320.0	6,539.2	6,566.5	6,634.9	6,679.0	6,719.2	6,919.3
Per capita: Current dollars .....	23,708	24,889	25,029	25,331	25,634	25,798	26,459
Chained (1996) dollars .....	22,641	23,148	23,209	23,376	23,470	23,541	24,163
Population (mid-period, millions) .....	279.1	282.5	282.9	283.8	284.6	285.4	286.4
<b>Personal saving as a percentage of disposable personal income</b> .....	<b>2.4</b>	<b>1.0</b>	<b>.8</b>	<b>1.0</b>	<b>1.1</b>	<b>1.1</b>	<b>3.8</b>

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.

Note: Effective with this release, the estimates of population beginning with 1991 are revised to reflect the 2000 population count that was released in March 2001 by the Bureau of the Census.

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

[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Personal consumption expenditures</b> .....	<b>6,250.2</b>	<b>6,728.4</b>	<b>6,785.5</b>	<b>6,871.4</b>	<b>6,977.6</b>	<b>7,044.6</b>	<b>7,059.2</b>
<b>Durable goods</b> .....	<b>760.9</b>	<b>819.6</b>	<b>825.4</b>	<b>818.7</b>	<b>838.1</b>	<b>844.7</b>	<b>840.3</b>
Motor vehicles and parts .....	324.7	346.8	349.6	343.2	358.6	362.3	360.2
Furniture and household equipment .....	285.2	307.3	309.4	307.4	308.4	310.0	308.2
Other .....	151.0	165.5	166.3	168.0	171.1	172.5	171.9
<b>Nondurable goods</b> .....	<b>1,831.3</b>	<b>1,989.6</b>	<b>2,012.4</b>	<b>2,025.1</b>	<b>2,047.1</b>	<b>2,062.3</b>	<b>2,057.3</b>
Food .....	899.8	957.5	967.2	971.4	982.0	987.0	993.9
Clothing and shoes .....	300.9	319.1	321.6	323.5	325.7	322.4	318.5
Gasoline, fuel oil, and other energy goods .....	143.1	183.2	186.8	189.4	188.9	194.0	179.1
Gasoline and oil .....	129.5	165.3	168.7	170.1	169.5	177.3	162.7
Fuel oil and coal .....	13.6	17.9	18.1	19.3	19.4	16.7	16.4
Other .....	487.6	529.8	536.8	540.8	550.5	559.0	565.8
<b>Services</b> .....	<b>3,658.0</b>	<b>3,919.2</b>	<b>3,947.7</b>	<b>4,027.5</b>	<b>4,092.4</b>	<b>4,137.6</b>	<b>4,161.6</b>
Housing .....	909.0	958.8	964.4	978.0	992.8	1,008.2	1,022.9
Household operation .....	359.7	385.7	389.0	408.1	420.1	414.5	413.3
Electricity and gas .....	129.7	141.4	142.6	156.9	164.4	157.9	155.4
Other household operation .....	230.0	244.2	246.4	251.3	255.7	256.7	257.9
Transportation .....	257.4	272.8	274.4	278.8	280.5	279.8	277.0
Medical care .....	939.9	996.5	1,004.2	1,020.0	1,039.8	1,054.6	1,064.1
Recreation .....	238.9	256.2	258.1	260.9	267.3	271.0	271.1
Other .....	953.1	1,049.3	1,057.6	1,081.7	1,092.0	1,109.3	1,113.2
<b>Addenda:</b>							
Energy goods and services <sup>1</sup> .....	272.7	324.6	329.5	346.3	353.3	351.8	334.5
Personal consumption expenditures less food and energy .....	5,077.7	5,446.3	5,488.8	5,553.7	5,642.3	5,705.8	5,730.8

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

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

[Billions of chained (1996) dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000	2001	2001	2001	2001
			III	IV	I	II	III
<b>Personal consumption expenditures</b> .....	<b>5,968.4</b>	<b>6,257.8</b>	<b>6,292.1</b>	<b>6,341.1</b>	<b>6,388.5</b>	<b>6,428.4</b>	<b>6,446.5</b>
<b>Durable goods</b> .....	<b>817.8</b>	<b>895.5</b>	<b>904.1</b>	<b>899.4</b>	<b>922.4</b>	<b>938.1</b>	<b>939.8</b>
Motor vehicles and parts .....	327.6	348.3	351.2	343.9	357.0	361.9	361.3
Furniture and household equipment .....	334.7	377.0	381.3	383.8	391.0	400.5	403.6
Other .....	156.3	172.8	174.3	175.4	177.5	179.5	179.1
<b>Nondurable goods</b> .....	<b>1,766.4</b>	<b>1,849.9</b>	<b>1,864.1</b>	<b>1,866.8</b>	<b>1,878.0</b>	<b>1,879.4</b>	<b>1,881.8</b>
Food .....	847.8	881.3	886.2	886.4	887.3	886.1	884.1
Clothing and shoes .....	312.1	335.3	339.8	339.9	342.7	344.1	344.7
Gasoline, fuel oil, and other energy goods .....	151.3	150.3	151.5	150.9	152.6	150.1	152.0
Gasoline and oil .....	136.7	136.6	137.6	137.2	138.9	137.7	139.5
Fuel oil and coal .....	14.6	13.8	14.0	13.8	13.8	12.6	12.7
Other .....	455.9	484.5	488.4	491.4	497.3	501.4	503.1
<b>Services</b> .....	<b>3,393.2</b>	<b>3,527.7</b>	<b>3,540.2</b>	<b>3,588.8</b>	<b>3,605.1</b>	<b>3,629.8</b>	<b>3,643.5</b>
Housing .....	831.6	850.1	851.9	856.6	861.3	864.9	868.4
Household operation .....	358.2	377.6	379.8	393.4	392.3	387.0	389.1
Electricity and gas .....	132.2	136.4	135.8	144.4	140.1	135.0	135.1
Other household operation .....	225.8	241.0	243.9	248.7	252.3	252.7	254.7
Transportation .....	244.0	251.3	251.7	253.8	254.4	254.2	252.0
Medical care .....	877.9	903.9	906.9	915.0	921.6	932.1	940.7
Recreation .....	219.5	227.0	227.2	228.5	232.2	232.8	231.4
Other .....	861.4	917.1	922.1	941.3	942.8	957.7	961.0
Residual .....	-9.7	-18.6	-20.2	-19.0	-21.7	-24.8	-24.9
<b>Addenda:</b>							
Energy goods and services <sup>1</sup> .....	283.4	286.4	287.2	294.4	292.2	284.7	286.8
Personal consumption expenditures less food and energy .....	4,836.3	5,089.0	5,117.9	5,159.2	5,208.4	5,258.5	5,276.4

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

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

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

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

## 3. Government Current Receipts and Expenditures

**Table 3.1.—Government Current Receipts and Expenditures**  
[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Current receipts</b> .....	<b>2,786.1</b>	<b>3,023.9</b>	<b>3,047.7</b>	<b>3,073.9</b>	<b>3,096.8</b>	<b>3,104.5</b>	<b>2,929.5</b>
Personal tax and nontax receipts .....	1,159.2	1,288.2	1,300.2	1,329.8	1,345.2	1,351.4	1,195.6
Corporate profits tax accruals .....	253.0	271.5	274.9	253.5	236.8	228.0	206.0
Indirect business tax and nontax accruals .....	713.1	762.7	767.6	775.6	785.7	792.3	794.7
Contributions for social insurance .....	660.7	701.5	705.0	714.9	729.1	732.8	733.2
<b>Current expenditures</b> .....	<b>2,624.8</b>	<b>2,772.5</b>	<b>2,783.0</b>	<b>2,822.7</b>	<b>2,869.2</b>	<b>2,896.5</b>	<b>2,937.4</b>
Consumption expenditures .....	1,328.0	1,422.7	1,430.2	1,444.1	1,474.2	1,491.4	1,504.2
Transfer payments (net) .....	1,000.1	1,050.0	1,053.1	1,080.7	1,094.6	1,111.6	1,130.2
To persons .....	988.4	1,036.0	1,041.3	1,055.2	1,088.7	1,104.6	1,123.7
To the rest of the world (net) .....	11.6	14.0	11.8	25.5	5.8	7.1	6.6
Net interest paid .....	263.8	262.6	262.7	259.6	253.0	241.7	231.6
Interest paid .....	359.5	362.8	362.9	360.5	355.6	345.2	336.3
To persons and business .....	264.3	255.2	253.4	251.2	247.6	239.7	232.9
To the rest of the world .....	95.1	107.7	109.5	109.3	108.0	105.5	103.4
Less: Interest received by government .....	95.7	100.3	100.2	100.9	102.6	103.5	104.7
Less: Dividends received by government .....	4	4	4	4	4	4	4
Subsidies less current surplus of government enterprises .....	33.3	37.6	37.3	38.7	47.8	52.2	71.8
Subsidies .....	44.0	44.1	43.8	42.4	52.5	55.0	72.6
Less: Current surplus of government enterprises .....	10.7	6.5	6.5	3.7	4.6	2.8	.8
Less: Wage accruals less disbursements .....	.0	.0	.0	.0	.0	.0	.0
<b>Current surplus or deficit (-), national income and product accounts</b> .....	<b>161.3</b>	<b>251.4</b>	<b>264.7</b>	<b>251.2</b>	<b>227.6</b>	<b>208.0</b>	<b>-8.0</b>
Social insurance funds .....	96.1	117.7	119.0	124.1	115.7	113.0	104.3
Other .....	65.2	133.8	145.7	127.0	111.9	95.1	-112.3
<b>Addenda:</b>							
Net lending or net borrowing (-) .....	78.7	171.1	189.2	170.8	147.5	113.5	-91.9
Current surplus or deficit (-), national income and product accounts .....	161.3	251.4	264.7	251.2	227.6	208.0	-8.0
Plus: Consumption of fixed capital .....	198.1	211.3	213.1	215.9	218.6	221.3	229.4
Plus: Capital transfers received (net) .....	32.4	36.2	35.8	35.8	38.4	37.0	34.9
Less: Gross investment .....	304.6	318.3	314.0	322.8	330.9	344.0	335.5
Less: Net purchases of nonproduced assets .....	8.5	9.5	10.3	9.3	6.0	8.8	12.7

**Table 3.2.—Federal Government Current Receipts and Expenditures**  
[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Current receipts</b> .....	<b>1,872.8</b>	<b>2,046.8</b>	<b>2,064.3</b>	<b>2,077.5</b>	<b>2,087.4</b>	<b>2,091.5</b>	<b>1,908.7</b>
Personal tax and nontax receipts .....	903.3	1,009.5	1,019.8	1,040.5	1,051.4	1,060.0	897.2
Income taxes .....	894.0	999.5	1,009.7	1,030.4	1,041.5	1,050.2	887.6
Nontaxes .....	9.3	10.1	10.1	10.1	9.9	9.8	9.6
Corporate profits tax accruals .....	218.3	234.7	237.6	219.4	205.0	197.3	178.3
Federal Reserve banks .....	25.4	25.3	25.6	26.1	25.7	24.2	23.2
Other .....	192.8	209.3	212.0	193.3	179.4	173.1	155.2
Indirect business tax and nontax accruals .....	100.6	111.2	111.9	112.7	112.2	112.0	110.6
Excise taxes .....	64.6	69.8	69.5	70.3	68.7	69.4	67.8
Customs duties .....	19.2	21.1	21.6	21.2	21.6	20.3	20.3
Nontaxes .....	16.8	20.3	20.8	21.2	21.9	22.3	22.5
Contributions for social insurance .....	650.6	691.5	695.0	704.9	718.8	722.2	722.5
<b>Current expenditures</b> .....	<b>1,753.6</b>	<b>1,828.3</b>	<b>1,834.4</b>	<b>1,855.0</b>	<b>1,882.1</b>	<b>1,904.7</b>	<b>1,918.8</b>
Consumption expenditures .....	469.6	493.7	493.6	494.1	507.5	510.1	512.7
Transfer payments (net) .....	746.1	779.3	780.5	802.9	811.7	823.3	837.4
To persons .....	734.5	765.3	768.7	777.4	805.8	816.3	830.8
To the rest of the world (net) .....	11.6	14.0	11.8	25.5	5.8	7.1	6.6
Grants-in-aid to State and local governments .....	230.5	245.6	250.9	250.1	264.0	281.2	266.4
Net interest paid .....	263.9	262.9	262.9	259.9	253.5	242.5	232.5
Interest paid .....	281.4	282.2	281.9	279.0	273.4	262.5	253.2
To persons and business .....	186.2	174.5	172.5	169.7	165.4	156.9	149.8
To the rest of the world .....	95.1	107.7	109.5	109.3	108.0	105.5	103.4
Less: Interest received by government .....	17.4	19.3	19.0	19.1	19.9	20.0	20.7
Subsidies less current surplus of government enterprises ..	43.4	46.8	46.5	48.1	45.4	47.6	69.8
Subsidies .....	43.6	43.7	43.4	42.0	39.9	40.0	60.7
Less: Current surplus of government enterprises ..	.2	-3.1	-3.1	-6.1	-5.6	-7.7	-9.1
Less: Wage accruals less disbursements .....	.0	.0	.0	.0	.0	.0	.0
<b>Current surplus or deficit (-), national income and product accounts</b> ..	<b>119.2</b>	<b>218.6</b>	<b>229.9</b>	<b>222.5</b>	<b>205.3</b>	<b>186.7</b>	<b>-10.2</b>
Social insurance funds .....	95.8	118.0	119.4	124.6	116.0	113.1	104.4
Other .....	23.4	100.6	110.5	97.9	89.3	73.6	-114.6
<b>Addenda:</b>							
Net lending or net borrowing (-) .....	109.9	210.6	224.7	211.0	200.7	174.7	-29.7
Current surplus or deficit (-), national income and product accounts .....	119.2	218.6	229.9	222.5	205.3	186.7	-10.2
Plus: Consumption of fixed capital .....	91.7	96.4	97.0	97.9	98.4	99.4	99.9
Plus: Capital transfers received (net) .....	-7.3	-7.9	-8.1	-9.7	-8.9	-12.7	-14.8
Less: Gross investment ...	94.4	96.5	93.4	100.1	97.8	99.9	101.8
Less: Net purchases of nonproduced assets .....	-8	-1	.7	-3	-3.7	-1.1	2.8

**Table 3.3.—State and Local Government Current Receipts and Expenditures**  
[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Current receipts</b> .....	<b>1,143.8</b>	<b>1,222.6</b>	<b>1,234.3</b>	<b>1,246.4</b>	<b>1,273.4</b>	<b>1,294.3</b>	<b>1,287.2</b>
Personal tax and nontax receipts .....	255.9	278.7	280.4	289.3	293.8	291.4	298.3
Income taxes .....	200.0	219.8	221.2	229.3	233.0	229.8	235.9
Nontaxes .....	35.9	38.1	38.4	39.0	39.7	40.3	40.9
Other .....	20.0	20.7	20.8	21.0	21.2	21.3	21.4
Corporate profits tax accruals ..	34.8	36.8	37.3	34.1	31.8	30.7	27.7
Indirect business tax and nontax accruals .....	612.5	651.5	655.7	662.9	673.5	680.4	684.1
Sales taxes .....	300.6	321.5	324.0	327.8	332.4	335.6	335.8
Property taxes .....	239.5	248.4	249.5	251.9	254.5	256.8	259.3
Other .....	72.4	81.6	82.1	83.2	86.7	88.0	89.0
Contributions for social insurance .....	10.1	10.0	10.0	10.1	10.3	10.6	10.8
Federal grants-in-aid .....	230.5	245.6	250.9	250.1	264.0	281.2	266.4
<b>Current expenditures</b> .....	<b>1,101.7</b>	<b>1,189.8</b>	<b>1,199.5</b>	<b>1,217.8</b>	<b>1,251.1</b>	<b>1,273.0</b>	<b>1,285.0</b>
Consumption expenditures .....	858.4	929.0	936.6	950.0	966.7	981.3	991.5
Transfer payments to persons ..	253.9	270.7	272.7	277.8	282.9	288.3	292.8
Net interest paid .....	-1	-3	-2	-2	-5	-8	-9
Interest paid .....	78.1	80.7	81.0	81.6	82.2	82.8	83.1
Less: Interest received by government .....	78.3	80.9	81.2	81.8	82.7	83.6	84.0
Less: Dividends received by government .....	.4	.4	.4	.4	.4	.4	.4
Subsidies less current surplus of government enterprises ..	-10.1	-9.2	-9.2	-9.4	2.4	4.6	2.0
Subsidies .....	.4	.4	.4	.4	12.6	15.1	11.9
Less: Current surplus of government enterprises ..	10.5	9.7	9.6	9.9	10.2	10.5	9.9
Less: Wage accruals less disbursements .....	.0	.0	.0	.0	.0	.0	.0
<b>Current surplus or deficit (-), national income and product accounts</b> ..	<b>42.1</b>	<b>32.8</b>	<b>34.8</b>	<b>28.6</b>	<b>22.3</b>	<b>21.3</b>	<b>2.2</b>
Social insurance funds .....	.3	-3	-4	-5	-3	-2	-1
Other .....	41.7	33.1	35.1	29.1	22.6	21.4	2.3
<b>Addenda:</b>							
Net lending or net borrowing (-) .....	-31.2	-39.5	-35.5	-40.2	-53.2	-61.2	-62.2
Current surplus or deficit (-), national income and product accounts .....	42.1	32.8	34.8	28.6	22.3	21.3	2.2
Plus: Consumption of fixed capital .....	106.4	114.9	116.1	118.0	120.2	121.9	129.5
Plus: Capital transfers received (net) .....	39.7	44.1	43.9	45.5	47.3	49.7	49.7
Less: Gross investment ...	210.1	221.8	220.6	222.7	233.1	244.2	233.7
Less: Net purchases of nonproduced assets .....	9.3	9.6	9.6	9.7	9.8	9.9	9.9

**Table 3.7.—Government Consumption Expenditures and Gross Investment by Type**  
[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Government consumption expenditures and gross investment<sup>1</sup></b>	<b>1,632.5</b>	<b>1,741.0</b>	<b>1,744.2</b>	<b>1,766.8</b>	<b>1,805.2</b>	<b>1,835.4</b>	<b>1,839.7</b>
<b>Federal</b>	<b>564.0</b>	<b>590.2</b>	<b>587.0</b>	<b>594.2</b>	<b>605.3</b>	<b>609.9</b>	<b>614.5</b>
<b>National defense</b>	<b>364.5</b>	<b>375.4</b>	<b>372.1</b>	<b>382.4</b>	<b>392.9</b>	<b>396.1</b>	<b>399.1</b>
Consumption expenditures	311.8	321.9	321.0	325.3	338.3	339.5	342.5
Durable goods <sup>2</sup>	22.1	22.5	22.0	23.0	22.8	24.0	25.4
Nondurable goods	8.1	10.4	10.1	10.0	9.5	10.8	10.5
Services	281.6	289.0	288.9	292.2	306.0	304.6	306.7
Compensation of general government employees, except own-account investment <sup>3</sup>	133.0	137.9	138.7	138.1	141.1	141.8	143.4
Consumption of general government fixed capital <sup>4</sup>	62.7	63.8	63.9	64.0	63.8	64.1	63.9
Other services	85.8	87.4	86.3	90.1	101.1	98.7	99.4
Gross investment	52.7	53.5	51.1	57.1	54.6	56.7	56.6
Structures	5.3	5.3	5.6	5.3	5.3	5.3	4.8
Equipment and software	47.4	48.2	45.5	51.8	49.3	51.3	51.8
<b>Nondefense</b>	<b>199.5</b>	<b>214.8</b>	<b>214.9</b>	<b>211.8</b>	<b>212.4</b>	<b>213.8</b>	<b>215.4</b>
Consumption expenditures	157.8	171.8	172.5	168.8	169.2	170.6	170.2
Durable goods <sup>2</sup>	1.0	1.3	1.2	1.4	1.2	1.1	1.0
Nondurable goods	5.8	6.9	7.6	4.6	6.9	6.5	5.8
Commodity Credit Corporation inventory change	-2	.8	.4	1.3	.3	.0	-.4
Other nondurables	6.0	6.1	7.2	3.4	6.7	6.5	6.3
Services	151.0	163.6	163.8	162.7	161.1	163.0	163.4
Compensation of general government employees, except own-account investment <sup>3</sup>	86.9	93.5	92.9	91.3	94.4	95.2	96.5
Consumption of general government fixed capital <sup>4</sup>	23.6	26.6	27.0	27.7	28.2	28.8	29.3
Other services	40.5	43.6	43.9	43.8	38.5	39.0	37.6
Gross investment	41.7	43.0	42.4	43.0	43.2	43.2	45.2
Structures	11.5	10.8	10.3	11.0	11.5	10.6	10.8
Equipment and software	30.1	32.2	32.0	32.0	31.8	32.6	34.4
<b>State and local</b>	<b>1,068.5</b>	<b>1,150.8</b>	<b>1,157.2</b>	<b>1,172.6</b>	<b>1,199.8</b>	<b>1,225.5</b>	<b>1,225.1</b>
Consumption expenditures	858.4	929.0	936.6	950.0	966.7	981.3	991.5
Durable goods <sup>2</sup>	15.7	16.9	17.1	17.4	17.7	18.0	18.3
Nondurable goods	91.8	110.9	112.8	115.7	116.4	118.8	117.0
Services	750.8	801.2	806.8	816.9	832.6	844.5	856.2
Compensation of general government employees, except own-account investment <sup>3</sup>	625.7	661.8	666.0	671.9	681.0	690.9	702.4
Consumption of general government fixed capital <sup>4</sup>	82.6	89.8	90.8	92.4	94.2	95.8	96.9
Other services	42.5	49.7	50.0	52.6	57.4	57.8	56.9
Gross investment	210.1	221.8	220.6	222.7	233.1	244.2	233.7
Structures	157.3	165.0	163.0	164.5	175.6	187.2	177.4
Equipment and software	52.9	56.8	57.5	58.2	57.5	56.9	56.2
<b>Addenda:</b>							
Compensation of general government employees <sup>3</sup>	855.8	904.1	908.5	912.4	927.1	938.9	953.0
Federal	221.8	233.4	233.8	231.5	237.6	239.3	242.2
State and local	634.0	670.7	674.7	680.9	689.5	699.6	710.8

**Table 3.8.—Real Government Consumption Expenditures and Gross Investment by Type**  
[Billions of chained (1996) dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Government consumption expenditures and gross investment<sup>1</sup></b>	<b>1,531.8</b>	<b>1,572.6</b>	<b>1,570.0</b>	<b>1,582.8</b>	<b>1,603.4</b>	<b>1,623.0</b>	<b>1,626.2</b>
<b>Federal</b>	<b>536.7</b>	<b>545.9</b>	<b>541.8</b>	<b>547.9</b>	<b>552.2</b>	<b>554.7</b>	<b>558.4</b>
<b>National defense</b>	<b>348.6</b>	<b>349.0</b>	<b>345.1</b>	<b>353.8</b>	<b>360.3</b>	<b>362.4</b>	<b>364.7</b>
Consumption expenditures	294.7	294.5	293.0	296.0	304.4	304.6	306.9
Durable goods <sup>2</sup>	22.4	22.6	22.1	23.1	22.9	24.0	25.4
Nondurable goods	8.9	9.3	9.0	8.4	8.6	10.0	9.8
Services	263.6	262.9	262.1	264.9	273.2	271.0	272.2
Compensation of general government employees, except own-account investment <sup>3</sup>	120.9	120.3	120.8	120.5	119.5	119.6	120.7
Consumption of general government fixed capital <sup>4</sup>	62.5	62.6	62.6	62.7	62.7	62.8	63.0
Other services	80.3	80.2	78.8	81.9	91.2	88.8	88.8
Gross investment	54.1	54.7	52.2	58.4	56.1	58.2	58.2
Structures	4.8	4.6	4.9	4.6	4.5	4.5	4.0
Equipment and software	49.4	50.3	47.4	54.1	51.9	54.0	54.6
<b>Nondefense</b>	<b>188.1</b>	<b>196.7</b>	<b>196.5</b>	<b>194.0</b>	<b>191.8</b>	<b>192.3</b>	<b>193.6</b>
Consumption expenditures	146.2	154.2	154.7	151.8	149.5	150.0	149.4
Durable goods <sup>2</sup>	1.2	1.5	1.4	1.7	1.4	1.3	1.2
Nondurable goods	5.6	7.7	7.4	7.9	7.2	6.8	6.3
Commodity Credit Corporation inventory change	-2	2.0	.9	4.6	1.1	.9	.5
Other nondurables	5.8	5.7	6.5	3.3	6.1	5.9	5.8
Services	139.3	146.0	146.0	145.3	141.4	142.3	142.4
Compensation of general government employees, except own-account investment <sup>3</sup>	77.2	79.5	79.0	78.2	78.8	78.9	79.8
Consumption of general government fixed capital <sup>4</sup>	23.9	26.4	26.7	27.3	27.8	28.3	28.9
Other services	38.5	40.5	40.8	40.4	35.3	35.6	34.2
Gross investment	42.5	42.9	42.2	42.6	42.9	42.8	44.9
Structures	10.6	9.5	9.1	9.6	9.9	9.1	9.2
Equipment and software	32.1	33.9	33.6	33.5	33.4	34.3	36.3
<b>State and local</b>	<b>994.7</b>	<b>1,026.3</b>	<b>1,027.6</b>	<b>1,034.3</b>	<b>1,050.5</b>	<b>1,067.4</b>	<b>1,067.0</b>
Consumption expenditures	794.5	821.4	824.6	830.5	839.1	846.9	855.8
Durable goods <sup>2</sup>	15.9	17.0	17.1	17.4	17.7	17.9	18.2
Nondurable goods	93.9	99.9	100.6	102.0	103.5	105.0	106.6
Services	685.3	705.4	707.8	712.2	719.0	725.0	732.1
Compensation of general government employees, except own-account investment <sup>3</sup>	566.1	577.0	578.4	580.6	584.6	588.0	592.1
Consumption of general government fixed capital <sup>4</sup>	80.2	84.8	85.4	86.6	87.7	88.8	90.0
Other services	39.0	43.7	44.1	45.3	46.9	48.4	50.3
Gross investment	200.4	205.0	203.1	203.9	211.6	221.0	211.3
Structures	142.8	143.5	141.0	141.1	148.4	157.4	148.9
Equipment and software	58.4	63.1	63.8	64.8	64.6	64.2	63.6
<b>Residual</b>	<b>-2.8</b>	<b>-5.3</b>	<b>-4.0</b>	<b>-8.9</b>	<b>-5.1</b>	<b>-4.7</b>	<b>-5.7</b>
<b>Addenda:</b>							
Compensation of general government employees <sup>3</sup>	773.4	786.3	787.8	788.9	792.1	795.9	801.6
Federal	199.8	201.7	201.7	200.6	200.2	200.6	202.5
State and local	573.6	584.7	586.0	588.3	591.9	595.4	599.2

1. Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.  
 2. Consumption expenditures for durable goods excludes expenditures classified as investment, except for goods transferred to foreign countries by the Federal Government.  
 3. Compensation of government employees engaged in new own-account investment and related expenditures for goods and services are classified as investment in structures and in software. The compensation of all general government employees is shown in the addenda.  
 4. Consumption of fixed capital, or depreciation, is included in government consumption expenditures as a partial measure of the value of the services of general government fixed assets; use of depreciation assumes a zero net return on these assets.

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines, excluding the lines in the addenda.  
 See footnotes to table 3.7.  
 Chain-type quantity indexes for the series in this table are shown in table 7.11.  
 Contributions to percent change in real government consumption expenditures and gross investment are shown in table 8.6.

**Table 3.10.—National Defense Consumption Expenditures and Gross Investment**  
(Billions of dollars)

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>National defense consumption expenditures and gross investment<sup>1</sup></b>	<b>364.5</b>	<b>375.4</b>	<b>372.1</b>	<b>382.4</b>	<b>392.9</b>	<b>396.1</b>	<b>399.1</b>
<b>Consumption expenditures</b>	<b>311.8</b>	<b>321.9</b>	<b>321.0</b>	<b>325.3</b>	<b>338.3</b>	<b>339.5</b>	<b>342.5</b>
<b>Durable goods<sup>2</sup></b>	<b>22.1</b>	<b>22.5</b>	<b>22.0</b>	<b>23.0</b>	<b>22.8</b>	<b>24.0</b>	<b>25.4</b>
Aircraft	10.6	10.2	10.5	9.9	10.1	10.5	11.7
Missiles	2.1	2.3	2.3	2.5	2.7	2.7	2.6
Ships	1.0	1.5	1.5	1.4	1.4	1.2	1.4
Vehicles	.8	.8	.8	.9	.9	1.2	1.3
Electronics	2.7	2.9	2.7	3.0	2.8	2.9	3.1
Other durable goods	4.9	4.8	4.3	5.4	4.8	5.5	5.3
<b>Nondurable goods</b>	<b>8.1</b>	<b>10.4</b>	<b>10.1</b>	<b>10.0</b>	<b>9.5</b>	<b>10.8</b>	<b>10.5</b>
Petroleum products	2.6	4.0	4.5	4.3	4.0	4.1	4.3
Ammunition	1.8	1.7	2.0	1.9	1.9	2.1	2.2
Other nondurable goods	3.7	4.6	3.6	3.9	3.6	4.7	4.0
<b>Services</b>	<b>281.6</b>	<b>289.0</b>	<b>288.9</b>	<b>292.2</b>	<b>306.0</b>	<b>304.6</b>	<b>306.7</b>
Compensation of general government employees, except own-account investment <sup>3</sup>	133.0	137.9	138.7	138.1	141.1	141.8	143.4
Military	85.0	88.8	89.6	89.5	91.9	92.1	93.3
Civilian	48.0	49.1	49.1	48.6	49.1	49.7	50.1
Consumption of general government fixed capital <sup>4</sup>	62.7	63.8	63.9	64.0	63.8	64.1	63.9
Other services	85.8	87.4	86.3	90.1	101.1	98.7	99.4
Research and development	22.9	23.6	21.1	26.0	33.7	30.2	30.5
Installation support	23.9	24.7	25.1	23.4	25.0	24.2	23.9
Weapons support	9.0	9.4	10.3	9.7	10.1	10.5	10.4
Personnel support	22.8	22.7	23.0	23.5	26.6	26.7	27.2
Transportation of material	4.8	4.8	4.8	4.7	4.7	4.7	4.9
Travel of persons	4.1	4.1	4.1	3.9	3.8	3.8	3.9
Other	-1.7	-1.9	-2.1	-1.0	-2.9	-1.3	-1.5
<b>Gross investment</b>	<b>52.7</b>	<b>53.5</b>	<b>51.1</b>	<b>57.1</b>	<b>54.6</b>	<b>56.7</b>	<b>56.6</b>
<b>Structures</b>	<b>5.3</b>	<b>5.3</b>	<b>5.6</b>	<b>5.3</b>	<b>5.3</b>	<b>5.3</b>	<b>4.8</b>
<b>Equipment and software</b>	<b>47.4</b>	<b>48.2</b>	<b>45.5</b>	<b>51.8</b>	<b>49.3</b>	<b>51.3</b>	<b>51.8</b>
Aircraft	6.9	7.7	7.9	7.2	7.4	7.8	9.5
Missiles	2.8	2.6	2.0	3.9	3.7	3.5	3.2
Ships	6.8	6.6	6.7	6.8	7.2	7.4	6.9
Vehicles	1.6	1.8	1.8	1.6	1.8	1.9	1.7
Electronics and software	14.6	15.1	14.8	15.6	15.0	14.5	15.3
Other equipment	14.7	14.4	12.2	16.7	14.3	16.2	15.2
<b>Addendum:</b>							
Compensation of general government employees <sup>3</sup>	133.6	138.6	139.4	138.8	141.7	142.5	144.3

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

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

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

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

**Table 3.11.—Real National Defense Consumption Expenditures and Gross Investment**  
(Billions of chained (1996) dollars)

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>National defense consumption expenditures and gross investment<sup>1</sup></b>	<b>348.6</b>	<b>349.0</b>	<b>345.1</b>	<b>353.8</b>	<b>360.3</b>	<b>362.4</b>	<b>364.7</b>
<b>Consumption expenditures</b>	<b>294.7</b>	<b>294.5</b>	<b>293.0</b>	<b>296.0</b>	<b>304.4</b>	<b>304.6</b>	<b>306.9</b>
<b>Durable goods<sup>2</sup></b>	<b>22.4</b>	<b>22.6</b>	<b>22.1</b>	<b>23.1</b>	<b>22.9</b>	<b>24.0</b>	<b>25.4</b>
Aircraft	10.8	10.3	10.6	9.9	10.1	10.5	11.7
Missiles	2.2	2.3	2.3	2.6	2.7	2.7	2.6
Ships	1.0	1.5	1.5	1.4	1.4	1.2	1.4
Vehicles	.7	.6	.6	.6	.7	.8	.9
Electronics	2.9	3.3	3.0	3.4	3.2	3.3	3.5
Other durable goods	4.9	4.8	4.2	5.4	4.8	5.5	5.2
<b>Nondurable goods</b>	<b>8.9</b>	<b>9.3</b>	<b>9.0</b>	<b>8.4</b>	<b>8.6</b>	<b>10.0</b>	<b>9.8</b>
Petroleum products	3.3	3.1	3.3	2.7	3.1	3.3	3.6
Ammunition	1.9	1.8	2.1	1.9	1.9	2.2	2.2
Other nondurable goods	3.6	4.4	3.5	3.7	3.5	4.5	3.8
<b>Services</b>	<b>263.6</b>	<b>262.9</b>	<b>262.1</b>	<b>264.9</b>	<b>273.2</b>	<b>271.0</b>	<b>272.2</b>
Compensation of general government employees, except own-account investment <sup>3</sup>	120.9	120.3	120.8	120.5	119.5	119.6	120.7
Military	78.5	78.9	79.3	79.3	79.0	79.0	79.9
Civilian	42.5	41.5	41.6	41.3	40.6	40.7	40.9
Consumption of general government fixed capital <sup>4</sup>	62.5	62.6	62.6	62.7	62.7	62.8	63.0
Other services	80.3	80.2	78.8	81.9	91.2	88.8	88.8
Research and development	21.6	21.8	19.5	23.8	30.8	27.5	27.6
Installation support	22.8	23.3	23.6	21.9	23.2	22.5	22.0
Weapons support	8.3	8.3	9.1	8.4	8.8	9.1	8.9
Personnel support	20.2	19.7	19.9	20.1	22.6	22.5	22.9
Transportation of material	4.8	4.6	4.6	4.5	4.5	4.5	4.5
Travel of persons	4.0	4.0	3.9	3.8	3.7	3.7	3.8
Other	-1.5	-1.7	-1.8	-0.9	-2.4	-1.1	-1.3
<b>Gross investment</b>	<b>54.1</b>	<b>54.7</b>	<b>52.2</b>	<b>58.4</b>	<b>56.1</b>	<b>58.2</b>	<b>58.2</b>
<b>Structures</b>	<b>4.8</b>	<b>4.6</b>	<b>4.9</b>	<b>4.6</b>	<b>4.5</b>	<b>4.5</b>	<b>4.0</b>
<b>Equipment and software</b>	<b>49.4</b>	<b>50.3</b>	<b>47.4</b>	<b>54.1</b>	<b>51.9</b>	<b>54.0</b>	<b>54.6</b>
Aircraft	7.1	8.3	8.6	7.8	8.3	8.8	10.8
Missiles	3.0	2.7	2.2	4.1	4.1	3.9	3.5
Ships	6.8	6.4	6.5	6.7	7.0	7.2	6.7
Vehicles	1.6	1.8	1.9	1.7	1.8	2.0	1.8
Electronics and software	16.4	16.7	16.4	17.3	16.7	16.2	17.2
Other equipment	14.6	14.3	12.1	16.5	14.1	15.9	15.0
Residual	-7	-9	-9	-1.4	-1.1	-1.3	-1.4
<b>Addendum:</b>							
Compensation of general government employees <sup>3</sup>	121.5	120.9	121.4	121.1	120.1	120.2	121.4

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. The residual line is the difference between the first line and the sum of the most detailed lines, excluding the line in the addendum.

Chain-type indexes for the series in this table are shown in table 7.12. See footnotes to table 3.10.

## 4. Foreign Transactions

**Table 4.1.—Foreign Transactions in the National Income and Product Accounts**  
[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Receipts from the rest of the world</b> .....	<b>1,303.6</b>	<b>1,487.1</b>	<b>1,517.8</b>	<b>1,523.1</b>	<b>1,496.3</b>	<b>1,426.5</b>	<b>1,345.9</b>
Exports of goods and services .....	989.8	1,102.9	1,131.1	1,121.0	1,117.4	1,079.6	1,023.7
Goods <sup>1</sup> .....	698.3	785.6	813.4	799.7	794.2	754.4	710.6
Durable .....	504.1	570.3	590.4	578.2	573.6	539.6	504.1
Nondurable .....	194.2	215.3	223.0	221.5	220.6	214.8	206.5
Services <sup>1</sup> .....	291.5	317.3	317.7	321.3	323.2	325.2	313.1
Income receipts .....	313.8	384.2	386.6	402.1	378.9	346.9	322.2
<b>Payments to the rest of the world</b> .....	<b>1,303.6</b>	<b>1,487.1</b>	<b>1,517.8</b>	<b>1,523.1</b>	<b>1,496.3</b>	<b>1,426.5</b>	<b>1,345.9</b>
Imports of goods and services .....	1,240.6	1,466.9	1,511.8	1,511.6	1,481.2	1,427.0	1,315.9
Goods <sup>1</sup> .....	1,046.9	1,244.9	1,283.0	1,284.0	1,248.7	1,197.8	1,146.8
Durable .....	715.5	821.6	840.7	836.8	811.2	762.3	736.0
Nondurable .....	331.4	423.3	442.4	447.2	437.6	435.5	410.8
Services <sup>1</sup> .....	193.7	221.9	228.7	227.7	232.5	229.2	169.1
Income payments .....	320.5	396.3	404.7	397.9	389.4	358.6	329.2
Transfer payments (net) .....	49.0	54.4	52.6	67.0	45.9	47.6	46.6
From persons (net) .....	27.2	29.6	30.1	30.8	30.1	30.8	30.7
From government (net) .....	11.6	14.0	11.8	25.5	5.8	7.1	6.6
From business .....	10.2	10.8	10.7	10.6	10.0	9.7	9.3
Net foreign investment .....	-306.6	-430.5	-451.3	-453.4	-420.2	-406.6	-345.7

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.

**Table 4.2.—Real Exports and Imports of Goods and Services and Receipts and Payments of Income**  
[Billions of chained (1996) dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Exports of goods and services</b> .....	<b>1,034.9</b>	<b>1,133.2</b>	<b>1,159.3</b>	<b>1,147.5</b>	<b>1,144.1</b>	<b>1,108.3</b>	<b>1,055.5</b>
Goods <sup>1</sup> .....	751.3	836.1	864.8	849.5	844.4	805.2	762.7
Durable .....	538.4	608.9	629.4	617.1	611.7	575.9	539.5
Nondurable .....	212.8	227.0	235.2	232.2	232.5	229.0	222.9
Services <sup>1</sup> .....	284.2	299.3	297.8	300.5	301.8	303.6	292.8
<b>Income receipts</b> .....	<b>301.3</b>	<b>360.2</b>	<b>361.6</b>	<b>374.3</b>	<b>350.3</b>	<b>319.6</b>	<b>297.0</b>
<b>Imports of goods and services</b> .....	<b>1,351.7</b>	<b>1,532.3</b>	<b>1,570.6</b>	<b>1,568.5</b>	<b>1,548.6</b>	<b>1,515.0</b>	<b>1,463.7</b>
Goods <sup>1</sup> .....	1,159.2	1,315.6	1,348.0	1,345.9	1,322.8	1,290.1	1,257.6
Durable .....	802.6	925.3	946.5	947.7	919.6	870.3	847.4
Nondurable .....	356.9	392.3	403.4	400.7	403.3	415.1	405.5
Services <sup>1</sup> .....	194.3	218.7	224.6	224.7	227.4	226.2	207.1
<b>Income payments</b> .....	<b>304.7</b>	<b>367.0</b>	<b>373.7</b>	<b>365.8</b>	<b>355.2</b>	<b>325.7</b>	<b>298.9</b>

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

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

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

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

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Exports of goods and services</b> .....	<b>989.8</b>	<b>1,102.9</b>	<b>1,131.1</b>	<b>1,121.0</b>	<b>1,117.4</b>	<b>1,079.6</b>	<b>1,023.7</b>
<b>Exports of goods</b> <sup>1</sup> .....	<b>698.3</b>	<b>785.6</b>	<b>813.4</b>	<b>799.7</b>	<b>794.2</b>	<b>754.4</b>	<b>710.6</b>
Foods, feeds, and beverages	45.5	47.5	48.9	47.4	49.3	48.1	47.7
Industrial supplies and materials	141.8	165.9	171.4	170.9	166.0	157.8	152.1
Durable goods	53.9	63.2	63.9	64.1	61.4	57.5	54.9
Non-durable goods	88.0	102.7	107.5	106.8	104.6	100.3	97.1
Capital goods, except automotive	311.3	357.0	374.5	365.9	367.3	332.8	304.8
Civilian aircraft, engines, and parts	52.9	48.1	49.1	47.4	56.1	55.1	53.1
Computers, peripherals, and parts	46.7	55.5	58.6	57.2	56.0	48.6	44.6
Other	211.6	253.4	266.8	261.2	255.3	229.1	207.1
Automotive vehicles, engines, and parts	75.1	80.2	80.6	77.2	71.8	76.3	77.3
Consumer goods, except automotive	82.0	90.6	92.4	90.7	94.0	93.6	86.0
Durable goods	42.6	47.7	48.6	47.3	50.2	50.1	45.8
Non-durable goods	39.4	42.9	43.8	43.5	43.8	43.5	40.3
Other	42.6	44.5	45.5	47.6	45.8	45.8	42.8
<b>Exports of services</b> <sup>1</sup> .....	<b>291.5</b>	<b>317.3</b>	<b>317.7</b>	<b>321.3</b>	<b>323.2</b>	<b>325.2</b>	<b>313.1</b>
Transfers under U.S. military agency sales contracts	14.9	12.8	11.8	12.8	12.4	13.2	13.4
Travel	74.7	82.0	80.9	81.6	81.2	80.9	71.7
Passenger fares	19.8	20.7	20.9	20.7	19.7	19.9	18.1
Other transportation	26.9	30.2	30.4	30.4	29.4	28.4	27.3
Royalties and license fees	36.4	38.0	38.2	38.5	39.5	40.7	40.5
Other private services	98.1	107.6	108.4	109.8	113.0	114.3	114.5
Other	20.6	25.9	27.3	27.6	27.8	27.7	27.6
<b>Imports of goods and services</b> .....	<b>1,240.6</b>	<b>1,466.9</b>	<b>1,511.8</b>	<b>1,511.6</b>	<b>1,481.2</b>	<b>1,427.0</b>	<b>1,315.9</b>
<b>Imports of goods</b> <sup>1</sup> .....	<b>1,046.9</b>	<b>1,244.9</b>	<b>1,283.0</b>	<b>1,284.0</b>	<b>1,248.7</b>	<b>1,197.8</b>	<b>1,146.8</b>
Foods, feeds, and beverages	43.6	46.0	46.9	46.3	45.9	45.7	47.9
Industrial supplies and materials, except petroleum and products	148.5	173.6	177.4	180.2	182.4	174.2	161.4
Durable goods	78.9	88.5	88.7	86.9	86.2	80.6	78.8
Non-durable goods	69.7	85.1	88.6	93.3	96.2	93.5	82.6
Petroleum and products	67.8	120.2	127.9	127.1	117.2	114.3	102.0
Capital goods, except automotive	295.3	346.7	358.6	357.3	345.7	299.9	278.2
Civilian aircraft, engines, and parts	23.8	26.4	26.7	30.6	31.0	31.1	31.3
Computers, peripherals, and parts	81.5	89.8	93.6	89.6	85.7	75.9	67.9
Other	190.0	230.5	238.4	237.2	228.9	192.9	178.9
Automotive vehicles, engines, and parts	179.0	195.9	198.4	193.0	186.9	191.3	193.0
Consumer goods, except automotive	241.8	281.6	286.4	292.8	291.9	286.5	280.3
Durable goods	126.9	150.0	151.2	155.9	153.0	147.5	144.0
Non-durable goods	114.9	131.6	135.2	136.8	138.9	139.0	136.3
Other	70.9	81.1	87.5	87.2	78.7	86.0	84.0
<b>Imports of services</b> <sup>1</sup> .....	<b>193.7</b>	<b>221.9</b>	<b>228.7</b>	<b>227.7</b>	<b>232.5</b>	<b>229.2</b>	<b>169.1</b>
Direct defense expenditures	13.3	13.6	14.2	13.5	14.2	13.8	14.2
Travel	58.9	64.5	64.3	63.8	64.7	65.0	54.9
Passenger fares	21.3	24.2	24.9	24.1	24.0	25.8	23.6
Other transportation	34.1	41.1	42.2	42.9	42.1	39.3	36.2
Royalties and license fees	12.6	16.1	18.1	17.0	18.1	17.7	17.4
Other private services	46.1	54.7	57.2	58.5	61.4	59.5	14.5
Other	7.4	7.8	7.8	7.9	8.0	8.1	8.2
<b>Addenda:</b>							
Exports of agricultural goods	49.7	52.8	54.5	53.2	54.4	53.9	54.8
Exports of nonagricultural goods	648.6	732.8	758.9	746.5	739.8	700.5	655.8
Imports of nonpetroleum goods	979.1	1,124.8	1,155.1	1,156.9	1,131.5	1,083.5	1,044.7

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 non-durable nonautomotive consumer goods.

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

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Exports of goods and services</b> .....	<b>1,034.9</b>	<b>1,133.2</b>	<b>1,159.3</b>	<b>1,147.5</b>	<b>1,144.1</b>	<b>1,108.3</b>	<b>1,055.5</b>
<b>Exports of goods</b> <sup>1</sup> .....	<b>751.3</b>	<b>836.1</b>	<b>864.8</b>	<b>849.5</b>	<b>844.4</b>	<b>805.2</b>	<b>762.7</b>
Foods, feeds, and beverages	56.6	60.0	63.0	59.8	62.1	61.1	59.4
Industrial supplies and materials	152.8	168.2	172.6	172.1	168.7	162.7	160.6
Durable goods	58.2	67.1	67.6	68.2	65.8	62.0	59.3
Non-durable goods	94.6	101.2	105.1	104.1	102.9	100.6	101.1
Capital goods, except automotive	342.1	394.9	413.6	404.3	405.2	367.3	337.9
Civilian aircraft, engines, and parts	49.4	43.1	43.8	41.7	48.4	47.0	44.9
Computers, peripherals, and parts	68.3	85.6	90.7	88.8	87.5	76.6	71.5
Other	225.3	271.5	285.4	280.2	273.7	246.1	223.5
Automotive vehicles, engines, and parts	73.9	78.3	78.6	75.4	70.0	74.2	75.1
Consumer goods, except automotive	81.6	89.8	91.6	90.1	93.5	93.3	85.6
Durable goods	42.6	47.3	48.2	47.0	49.8	49.8	45.3
Non-durable goods	39.1	42.5	43.4	43.2	43.8	43.6	40.3
Other	44.6	45.9	47.1	49.0	47.1	47.0	44.2
<b>Exports of services</b> <sup>1</sup> .....	<b>284.2</b>	<b>299.3</b>	<b>297.8</b>	<b>300.5</b>	<b>301.8</b>	<b>303.6</b>	<b>292.8</b>
Transfers under U.S. military agency sales contracts	14.9	13.0	11.9	12.9	12.6	13.5	13.6
Travel	70.4	73.8	72.4	72.6	72.3	71.7	64.4
Passenger fares	19.3	19.7	19.7	19.8	18.4	19.1	16.9
Other transportation	27.6	28.1	27.7	27.4	27.4	26.9	26.0
Royalties and license fees	34.9	35.6	35.6	35.8	36.5	37.4	37.3
Other private services	100.2	108.8	109.1	110.5	113.5	114.6	114.8
Other	17.5	20.7	21.6	21.9	21.7	21.3	21.1
Residual	-2.5	-9.0	-11.6	-10.8	-9.4	-4.2	-3.2
<b>Imports of goods and services</b> .....	<b>1,351.7</b>	<b>1,532.3</b>	<b>1,570.6</b>	<b>1,568.5</b>	<b>1,548.6</b>	<b>1,515.0</b>	<b>1,463.7</b>
<b>Imports of goods</b> <sup>1</sup> .....	<b>1,159.2</b>	<b>1,315.6</b>	<b>1,348.0</b>	<b>1,345.9</b>	<b>1,322.8</b>	<b>1,290.1</b>	<b>1,257.6</b>
Foods, feeds, and beverages	46.1	49.4	50.6	50.4	49.7	50.6	53.7
Industrial supplies and materials, except petroleum and products	157.2	167.9	169.4	167.2	165.0	166.5	166.2
Durable goods	81.1	86.5	86.3	86.0	84.9	79.8	80.0
Non-durable goods	76.0	81.4	83.0	81.2	80.1	85.9	85.4
Petroleum and products	81.4	86.0	87.7	85.9	91.3	92.2	84.8
Capital goods, except automotive	375.8	451.7	467.7	470.1	456.6	400.4	375.4
Civilian aircraft, engines, and parts	22.1	23.9	24.0	27.3	27.5	27.1	27.1
Computers, peripherals, and parts	130.4	152.6	159.4	156.4	151.9	139.4	129.8
Other	226.9	279.3	289.3	289.1	279.5	236.7	220.1
Automotive vehicles, engines, and parts	177.2	192.5	194.7	189.5	183.4	188.3	190.2
Consumer goods, except automotive	249.9	293.5	298.7	306.2	305.4	300.7	294.7
Durable goods	134.9	161.2	162.6	168.2	165.2	160.2	156.8
Non-durable goods	115.2	132.7	136.4	138.4	140.5	140.6	137.9
Other	71.5	80.9	87.1	86.6	77.6	85.2	84.2
<b>Imports of services</b> <sup>1</sup> .....	<b>194.3</b>	<b>218.7</b>	<b>224.6</b>	<b>224.7</b>	<b>227.4</b>	<b>226.2</b>	<b>207.1</b>
Direct defense expenditures	14.6	15.4	16.1	15.6	16.1	16.0	16.1
Travel	60.1	66.7	66.7	67.5	66.8	68.4	57.3
Passenger fares	19.4	20.7	21.1	20.0	19.3	20.7	17.7
Other transportation	31.8	34.9	35.7	35.7	35.6	33.5	31.4
Royalties and license fees	12.1	15.1	16.9	15.8	16.7	16.3	16.0
Other private services	49.1	58.6	60.8	63.0	66.2	64.6	64.1
Other	7.2	7.4	7.4	7.5	7.6	7.7	7.8
Residual	-5.4	-12.9	-15.2	-15.6	-11.3	1.8	3.3
<b>Addenda:</b>							
Exports of agricultural goods	63.2	68.5	72.1	68.7	69.9	69.9	69.4
Exports of nonagricultural goods	687.5	766.6	792.0	779.7	773.7	735.1	693.7
Imports of nonpetroleum goods	1,074.9	1,227.6	1,258.7	1,259.5	1,227.7	1,192.9	1,169.8

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

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

Chain-type quantity indexes for the series in this table are shown in table 7.10. Contributions to the percent change in real exports and in real imports of goods and services are shown in table 8.5.

See footnotes to table 4.3.



## 5. Saving and Investment

**Table 5.1.—Gross Saving and Investment**  
[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Gross saving</b> .....	<b>1,707.4</b>	<b>1,785.7</b>	<b>1,807.4</b>	<b>1,799.7</b>	<b>1,754.0</b>	<b>1,750.5</b>	<b>1,753.0</b>
<b>Gross private saving</b> .....	<b>1,348.0</b>	<b>1,323.0</b>	<b>1,329.6</b>	<b>1,332.7</b>	<b>1,307.9</b>	<b>1,321.2</b>	<b>1,531.6</b>
Personal saving.....	160.9	67.7	54.5	74.7	78.8	81.5	284.3
Undistributed corporate profits with inventory valuation and capital consumption adjustments.....	228.7	225.3	233.9	197.0	147.8	119.5	70.4
Undistributed profits.....	179.8	194.3	197.2	165.9	113.7	98.0	53.7
Inventory valuation adjustment.....	-2.9	-12.4	-3.6	-7.3	-1.9	-8.8	3.3
Capital consumption adjustment.....	51.7	43.4	40.4	38.4	36.0	30.3	13.3
Corporate consumption of fixed capital.....	669.2	727.1	736.0	749.7	763.8	785.6	847.0
Noncorporate consumption of fixed capital.....	284.1	302.8	305.2	311.3	317.5	334.6	329.9
Wage accruals less disbursements.....	5.2	.0	.0	.0	.0	.0	.0
<b>Gross government saving</b> .....	<b>359.4</b>	<b>462.7</b>	<b>477.8</b>	<b>467.1</b>	<b>446.1</b>	<b>429.3</b>	<b>221.4</b>
Federal.....	210.9	315.0	326.9	320.5	303.7	286.2	89.7
Consumption of fixed capital.....	91.7	96.4	97.0	97.9	98.4	99.4	99.9
Current surplus or deficit (-), national income and product accounts.....	119.2	218.6	229.9	222.5	205.3	186.7	-10.2
State and local.....	148.5	147.8	150.9	146.6	142.5	143.2	131.7
Consumption of fixed capital.....	106.4	114.9	116.1	118.0	120.2	121.9	129.5
Current surplus or deficit (-), national income and product accounts.....	42.1	32.8	34.8	28.6	22.3	21.3	2.2
<b>Gross investment</b> .....	<b>1,634.7</b>	<b>1,655.3</b>	<b>1,651.1</b>	<b>1,649.7</b>	<b>1,633.5</b>	<b>1,607.3</b>	<b>1,612.8</b>
Gross private domestic investment.....	1,636.7	1,767.5	1,788.4	1,780.3	1,722.8	1,669.9	1,623.0
Gross government investment.....	304.6	318.3	314.0	322.8	330.9	344.0	335.5
Net foreign investment.....	-306.6	-430.5	-451.3	-453.4	-420.2	-406.6	-345.7
<b>Statistical discrepancy</b> .....	<b>-72.7</b>	<b>-130.4</b>	<b>-156.3</b>	<b>-150.0</b>	<b>-120.5</b>	<b>-143.2</b>	<b>-140.2</b>
<b>Addendum:</b>							
Gross saving as a percentage of gross national product.....	18.4	18.1	18.2	17.9	17.3	17.2	17.1

**Table 5.4.—Private Fixed Investment by Type**  
[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Private fixed investment</b> .....	<b>1,578.2</b>	<b>1,718.1</b>	<b>1,735.9</b>	<b>1,741.6</b>	<b>1,748.3</b>	<b>1,706.5</b>	<b>1,679.2</b>
<b>Nonresidential</b> .....	<b>1,174.6</b>	<b>1,293.1</b>	<b>1,314.9</b>	<b>1,318.2</b>	<b>1,311.2</b>	<b>1,260.2</b>	<b>1,228.5</b>
<b>Structures</b> .....	<b>283.5</b>	<b>313.6</b>	<b>321.1</b>	<b>330.9</b>	<b>345.8</b>	<b>338.6</b>	<b>332.1</b>
Nonresidential buildings, including farm.....	206.9	227.0	231.0	235.1	241.3	230.4	216.5
Utilities.....	47.2	51.7	52.3	57.5	60.5	59.4	54.5
Mining exploration, shafts, and wells.....	22.6	27.6	30.1	30.5	36.9	42.0	41.8
Other structures.....	6.8	7.3	7.8	7.8	7.1	6.7	19.4
<b>Equipment and software</b> .....	<b>891.1</b>	<b>979.5</b>	<b>993.8</b>	<b>987.3</b>	<b>965.4</b>	<b>921.7</b>	<b>896.3</b>
Information processing equipment and software.....	399.7	466.5	475.1	486.5	460.4	431.1	412.7
Computers and peripheral equipment <sup>1</sup> .....	90.8	109.3	113.3	114.0	102.9	89.6	78.5
Software <sup>2</sup> .....	159.8	183.1	186.8	193.3	190.5	189.0	189.6
Other.....	149.1	174.1	175.0	179.3	167.1	152.5	144.6
Industrial equipment.....	149.3	166.7	169.5	170.1	175.8	166.4	156.0
Transportation equipment.....	199.1	195.9	197.2	180.1	179.0	175.7	177.5
Other.....	142.9	150.3	151.9	150.5	150.3	148.5	150.1
<b>Residential</b> .....	<b>403.5</b>	<b>425.1</b>	<b>421.0</b>	<b>423.4</b>	<b>437.0</b>	<b>446.2</b>	<b>450.7</b>
<b>Structures</b> .....	<b>394.7</b>	<b>415.6</b>	<b>411.5</b>	<b>413.9</b>	<b>427.5</b>	<b>436.7</b>	<b>441.2</b>
Single family.....	208.6	220.7	216.0	216.4	226.5	229.6	231.2
Multifamily.....	27.4	28.1	26.8	27.9	29.6	31.0	31.4
Other structures.....	158.7	166.9	168.8	169.7	171.4	176.1	178.6
<b>Equipment</b> .....	<b>8.8</b>	<b>9.4</b>	<b>9.4</b>	<b>9.5</b>	<b>9.5</b>	<b>9.6</b>	<b>9.5</b>

1. Includes new computers and peripheral equipment only.

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

**Table 5.5.—Real Private Fixed Investment by Type**  
[Billions of chained (1996) dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Private fixed investment</b> .....	<b>1,595.4</b>	<b>1,716.2</b>	<b>1,730.1</b>	<b>1,732.1</b>	<b>1,740.3</b>	<b>1,696.4</b>	<b>1,668.9</b>
<b>Nonresidential</b> .....	<b>1,228.6</b>	<b>1,350.7</b>	<b>1,371.1</b>	<b>1,374.5</b>	<b>1,373.9</b>	<b>1,320.9</b>	<b>1,289.1</b>
<b>Structures</b> .....	<b>256.9</b>	<b>272.8</b>	<b>278.2</b>	<b>283.3</b>	<b>291.7</b>	<b>282.3</b>	<b>275.5</b>
Nonresidential buildings, including farm.....	185.5	194.9	197.5	199.1	202.0	191.6	179.3
Utilities.....	45.7	48.5	49.0	53.5	56.1	55.0	50.1
Mining exploration, shafts, and wells.....	20.0	23.5	25.3	24.8	28.3	30.4	30.0
Other structures.....	6.4	6.7	7.1	7.0	6.3	5.9	17.0
<b>Equipment and software</b> .....	<b>978.3</b>	<b>1,087.4</b>	<b>1,102.3</b>	<b>1,099.3</b>	<b>1,087.7</b>	<b>1,043.2</b>	<b>1,018.1</b>
Information processing equipment and software.....	506.2	609.5	621.0	641.8	620.9	588.1	570.8
Computers and peripheral equipment <sup>1</sup> .....	208.6	290.3	305.2	317.6	314.4	287.3	266.5
Software <sup>2</sup> .....	167.3	187.6	189.7	196.0	192.9	191.1	192.0
Other.....	157.2	186.5	187.7	193.2	180.8	165.9	158.0
Industrial equipment.....	146.4	162.6	165.1	165.6	170.7	161.2	151.3
Transportation equipment.....	197.6	192.7	193.2	176.2	177.4	174.4	173.7
Other.....	138.2	144.8	146.1	144.4	143.3	141.1	142.3
<b>Residential</b> .....	<b>368.3</b>	<b>371.4</b>	<b>366.3</b>	<b>365.3</b>	<b>372.9</b>	<b>378.3</b>	<b>380.6</b>
<b>Structures</b> .....	<b>359.3</b>	<b>361.8</b>	<b>356.8</b>	<b>355.8</b>	<b>363.3</b>	<b>368.6</b>	<b>371.0</b>
Single family.....	188.9	190.9	186.2	185.0	191.1	192.8	193.6
Multifamily.....	23.4	22.7	21.5	22.2	23.3	24.2	24.5
Other structures.....	147.0	148.4	149.3	148.7	149.0	151.6	152.9
<b>Equipment</b> .....	<b>9.0</b>	<b>9.6</b>	<b>9.6</b>	<b>9.6</b>	<b>9.7</b>	<b>9.7</b>	<b>9.7</b>
Residual.....	-45.8	-93.5	-102.4	-110.8	-105.0	-85.8	-72.0

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]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Change in private inventories</b> .....	<b>58.6</b>	<b>49.4</b>	<b>52.5</b>	<b>38.7</b>	<b>-25.5</b>	<b>-36.6</b>	<b>-56.2</b>
Farm.....	-1.5	-1.8	-2.8	.9	.7	-1.2	-2.0
Construction, mining, and utilities.....	-7	-2.5	-1	-9.0	2.6	8.0	3.1
Manufacturing.....	12.3	12.4	11.8	12.0	-13.6	-33.4	-42.8
Durable goods industries .....	5.8	12.1	10.7	16.8	-9.3	-23.8	-35.1
Nondurable goods industries .....	6.5	.4	1.2	-4.8	-4.3	-9.6	-7.7
Wholesale trade .....	17.2	20.5	16.7	12.3	-3.3	2.2	-16.4
Durable goods industries .....	12.2	13.4	8.6	5.4	-3.7	-10.9	-20.9
Nondurable goods industries .....	5.0	7.1	8.0	6.8	.4	13.1	4.5
Retail trade.....	24.6	15.1	19.0	19.6	-15.6	-13.4	1.1
Motor vehicle dealers .....	12.4	6.0	10.4	8.5	-19.7	-5.6	1.7
Food and beverage stores .....	1.7	-2	.4	.1	1.3	.4	-1.0
General merchandise stores .....	2.7	1.2	.0	2.8	6.1	-4	-3
Other retail stores.....	7.8	8.2	8.2	8.2	-3.3	-7.8	.7
Other industries .....	6.7	5.6	7.9	2.8	3.6	1.2	.7
<b>Addenda:</b>							
Change in private inventories	58.6	49.4	52.5	38.7	-25.5	-36.6	-56.2
Durable goods industries.....	35.3	34.7	33.0	31.5	-31.0	-42.3	-54.7
Nondurable goods industries .....	23.3	14.7	19.5	7.2	5.5	5.8	-1.4
Nonfarm industries.....	60.1	51.1	55.3	37.8	-26.2	-35.3	-54.2
Nonfarm change in book value <sup>1</sup> .....	66.3	74.5	65.7	61.2	-28.2	-34.0	-68.0
Nonfarm inventory valuation adjustment <sup>2</sup> .....	-6.3	-23.4	-10.4	-23.4	2.0	-1.3	13.8
Wholesale trade.....	17.2	20.5	16.7	12.3	-3.3	2.2	-16.4
Merchant wholesale trade .....	15.5	16.0	10.5	8.8	-2.9	2.2	-8.7
Durable goods industries .....	11.0	9.5	2.9	2.4	-3.0	-10.8	-14.6
Nondurable goods industries .....	4.4	6.6	7.5	6.4	.1	13.0	5.9
Nonmerchant wholesale trade.....	1.8	4.4	6.2	3.5	-4	.1	-7.7

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 5.11B.—Real Change in Private Inventories by Industry

[Billions of chained (1996) dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Change in private inventories</b> .....	<b>62.1</b>	<b>50.6</b>	<b>51.7</b>	<b>42.8</b>	<b>-27.1</b>	<b>-38.3</b>	<b>-60.1</b>
Farm.....	-1.9	-2.0	-5.4	3.0	.2	-2.5	-2.9
Construction, mining, and utilities.....	-6	-1.8	.1	-6.8	1.9	6.8	3.0
Manufacturing.....	13.3	13.1	12.0	12.9	-15.0	-35.6	-47.2
Durable goods industries .....	6.2	12.7	10.8	17.9	-10.5	-25.3	-39.0
Nondurable goods industries .....	7.0	.6	1.3	-4.4	-4.5	-10.2	-8.3
Wholesale trade .....	19.1	21.2	18.2	12.5	-3.0	2.6	-17.4
Durable goods industries .....	13.6	14.2	10.2	5.5	-3.7	-11.6	-23.1
Nondurable goods industries .....	5.5	7.0	8.0	6.8	.6	12.8	4.4
Retail trade.....	24.5	14.9	18.7	19.3	-15.3	-13.2	1.0
Motor vehicle dealers .....	12.5	6.0	10.4	8.4	-19.6	-5.6	1.7
Food and beverage stores .....	1.6	-2	.4	.1	1.2	.4	-9
General merchandise stores .....	2.7	1.1	.0	2.7	6.0	-4	-3
Other retail stores.....	7.8	8.1	8.1	8.1	-3.2	-7.7	.6
Other industries .....	6.8	5.5	7.7	2.8	3.6	1.2	.7
Residual.....	.9	-6	.1	-1.3	.9	3.8	4.0
<b>Addenda:</b>							
Change in private inventories	62.1	50.6	51.7	42.8	-27.1	-38.3	-60.1
Durable goods industries.....	37.5	36.0	34.8	32.8	-32.8	-44.5	-59.5
Nondurable goods industries .....	24.6	15.1	17.2	10.5	4.5	4.5	-2.3
Nonfarm industries.....	63.5	52.3	56.6	39.7	-27.3	-35.8	-57.2
Wholesale trade.....	19.1	21.2	18.2	12.5	-3.0	2.6	-17.4
Merchant wholesale trade .....	17.1	16.6	11.8	8.9	-2.5	2.6	-9.3
Durable goods industries .....	12.3	9.9	4.0	2.2	-3.0	-11.5	-16.0
Nondurable goods industries .....	4.8	6.6	7.6	6.4	.3	12.8	5.7
Nonmerchant wholesale trade .....	2.0	4.5	6.2	3.6	-4	.0	-7.8

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.

**Table 5.12B.—Private Inventories and Domestic Final Sales by Industry**  
[Billions of dollars]

	Seasonally adjusted quarterly totals				
	2000		2001		
	III	IV	I	II	III
<b>Private inventories</b> <sup>1</sup> .....	<b>1,486.3</b>	<b>1,507.1</b>	<b>1,486.3</b>	<b>1,464.6</b>	<b>1,427.5</b>
Farm.....	96.6	103.2	108.0	105.5	97.5
Construction, mining, and utilities.....	39.9	41.4	44.8	41.8	37.9
Manufacturing.....	485.9	489.0	465.5	450.5	431.8
Durable goods industries.....	299.7	303.3	294.8	285.8	270.7
Nondurable goods industries.....	186.2	185.7	170.8	164.6	161.2
Wholesale trade.....	361.5	363.9	361.4	361.7	355.9
Durable goods industries.....	224.1	224.1	221.4	218.1	212.1
Nondurable goods industries.....	137.5	139.8	140.0	143.6	143.8
Retail trade.....	397.2	403.4	399.1	397.0	397.2
Motor vehicle dealers.....	125.8	128.8	123.3	121.7	122.4
Food and beverage stores.....	31.8	32.0	32.9	33.2	33.1
General merchandise stores.....	63.5	64.3	66.1	66.1	66.0
Other retail stores.....	176.1	178.3	176.9	176.0	175.7
Other industries.....	105.2	106.2	107.4	108.2	107.2
<b>Addenda:</b>					
Private inventories.....	1,486.3	1,507.1	1,486.3	1,464.6	1,427.5
Durable goods industries.....	726.9	733.6	716.6	703.0	682.2
Nondurable goods industries.....	759.4	773.5	769.7	761.6	745.3
Nonfarm industries.....	1,389.8	1,403.9	1,378.3	1,359.1	1,330.0
Wholesale trade.....	361.5	363.9	361.4	361.7	355.9
Merchant wholesale trade.....	307.4	309.5	307.5	307.6	304.4
Durable goods industries.....	192.3	191.7	189.4	186.2	181.9
Nondurable goods industries.....	115.1	117.7	118.1	121.4	122.5
Nonmerchant wholesale trade.....	54.1	54.5	53.9	54.1	51.5
Final sales of domestic business <sup>2</sup> .....	<b>696.6</b>	<b>704.1</b>	<b>716.6</b>	<b>720.5</b>	<b>722.3</b>
Final sales of goods and structures of domestic business <sup>2</sup> .....	<b>382.4</b>	<b>383.0</b>	<b>390.4</b>	<b>391.1</b>	<b>387.8</b>
<b>Ratios of private inventories to final sales of domestic business:</b>					
Private inventories to final sales.....	2.13	2.14	2.07	2.03	1.98
Nonfarm inventories to final sales.....	2.00	1.99	1.92	1.89	1.84
Nonfarm inventories to final sales of goods and structures.....	3.63	3.67	3.53	3.47	3.43

1. Inventories are as of the end of the quarter. The quarter-to-quarter change in inventories calculated from current-dollar inventories in this table is not the current-dollar change in the private inventories component of GDP. The former is the difference between two inventory stocks, each valued at its respective end-of-quarter prices. The latter is the change in the physical volume of inventories valued at average prices of the quarter. In addition, changes calculated from this table are at quarterly rates, whereas, the change in private inventories is stated at annual rates.

2. Quarterly totals at monthly rates. Final sales of domestic business equals final sales of domestic product less gross product of households and institutions and of general government, and it includes a small amount of final sales by farm and by government enterprises.

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

**Table 5.13B.—Real Private Inventories and Real Domestic Final Sales by Industry**

[Billions of chained (1996) dollars]

	Seasonally adjusted quarterly totals				
	2000		2001		
	III	IV	I	II	III
<b>Private inventories</b> <sup>1</sup> .....	<b>1,494.3</b>	<b>1,505.0</b>	<b>1,498.3</b>	<b>1,488.7</b>	<b>1,473.6</b>
Farm.....	103.8	104.6	104.6	104.0	103.3
Construction, mining, and utilities.....	36.4	34.7	35.2	36.9	37.7
Manufacturing.....	487.1	490.3	486.5	477.6	465.8
Durable goods industries.....	307.2	311.7	309.1	302.7	293.0
Nondurable goods industries.....	179.8	178.7	177.6	175.0	172.9
Wholesale trade.....	372.3	375.4	374.7	375.3	371.0
Durable goods industries.....	239.0	240.4	239.5	236.6	230.8
Nondurable goods industries.....	133.4	135.1	135.2	138.4	139.5
Retail trade.....	389.0	393.8	390.0	386.7	387.0
Motor vehicle dealers.....	125.5	127.6	122.7	121.3	121.7
Food and beverage stores.....	30.0	30.0	30.3	30.4	30.1
General merchandise stores.....	62.2	62.9	64.3	64.2	64.2
Other retail stores.....	171.3	173.3	172.5	170.6	170.8
Other industries.....	104.5	105.2	106.1	106.4	106.6
Residual.....	1.2	.8	1.2	2.2	3.0
<b>Addenda:</b>					
Private inventories.....	1,494.3	1,505.0	1,498.3	1,488.7	1,473.6
Durable goods industries.....	748.8	757.0	748.8	737.7	722.8
Nondurable goods industries.....	744.4	747.1	748.2	749.3	748.7
Nonfarm industries.....	1,389.5	1,399.5	1,392.6	1,383.7	1,369.4
Wholesale trade.....	372.3	375.4	374.7	375.3	371.0
Merchant wholesale trade.....	319.4	321.6	321.0	321.6	319.3
Durable goods industries.....	205.4	206.0	205.2	202.3	198.3
Nondurable goods industries.....	114.0	115.6	115.7	118.9	120.4
Nonmerchant wholesale trade.....	52.9	53.8	53.7	53.7	51.7
Final sales of domestic business <sup>2</sup> .....	<b>654.4</b>	<b>658.6</b>	<b>665.5</b>	<b>665.9</b>	<b>664.4</b>
Final sales of goods and structures of domestic business <sup>2</sup> .....	<b>373.2</b>	<b>372.8</b>	<b>378.4</b>	<b>377.0</b>	<b>373.8</b>
<b>Ratios of private inventories to final sales of domestic business:</b>					
Private inventories to final sales.....	2.28	2.29	2.25	2.24	2.22
Nonfarm inventories to final sales.....	2.12	2.13	2.09	2.08	2.06
Nonfarm inventories to final sales of goods and structures.....	3.72	3.75	3.68	3.67	3.66

1. Inventories are as of the end of the quarter. The quarter-to-quarter changes calculated from this table are at quarterly rates, whereas the change in private inventories component of GDP is stated at annual rates.

2. Quarterly totals at monthly rates. Final sales of domestic business equals final sales of domestic product less gross product of households and institutions and of general government, and it includes a small amount of final sales by farm and by government enterprises.

NOTE.—Estimates in this table are based on the North American Industry Classification System (NAICS). Chained (1996) dollar inventory series are calculated to ensure that the chained (1996) dollar change in inventories for 1996 equals the current-dollar change in inventories for 1996 and that the average of the 1995 and 1996 end-of-year chain-weighted and fixed-weighted inventories are equal. Chained (1996) dollar final sales are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines for inventories.

## 6. Income and Employment by Industry

**Table 6.1C.—National Income Without Capital Consumption Adjustment by Industry Group**  
[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>National income without capital consumption adjustment</b> .....	<b>7,416.5</b>	<b>7,946.6</b>	<b>8,016.5</b>	<b>8,095.6</b>	<b>8,143.9</b>	<b>8,194.4</b>	<b>8,183.5</b>
<b>Domestic industries</b> .....	<b>7,423.3</b>	<b>7,958.7</b>	<b>8,034.6</b>	<b>8,091.4</b>	<b>8,154.4</b>	<b>8,206.1</b>	<b>8,190.5</b>
<b>Private industries</b> .....	<b>6,469.1</b>	<b>6,949.7</b>	<b>7,020.2</b>	<b>7,071.1</b>	<b>7,119.3</b>	<b>7,158.4</b>	<b>7,127.9</b>
Agriculture, forestry, and fishing .....	110.7	117.9	120.7	118.5	119.1	119.9	.....
Mining .....	48.2	57.1	58.6	60.4	66.3	65.8	.....
Construction .....	389.9	425.0	426.5	434.1	445.5	447.7	.....
Manufacturing .....	1,189.8	1,237.5	1,251.1	1,221.5	1,195.1	1,194.8	.....
Durable goods .....	697.7	723.2	732.0	713.2	699.7	687.0	.....
Nondurable goods .....	492.1	514.3	519.1	508.4	495.4	507.8	.....
Transportation and public utilities .....	515.4	555.4	561.5	567.5	572.9	571.8	.....
Transportation .....	234.9	245.2	246.4	247.8	244.4	242.0	.....
Communications .....	144.4	163.4	163.8	172.7	173.1	169.3	.....
Electric, gas, and sanitary services .....	136.1	146.7	151.4	147.1	155.4	160.5	.....
Wholesale trade .....	444.8	479.7	486.2	485.9	475.0	471.7	.....
Retail trade .....	621.8	663.5	669.7	670.1	687.5	693.1	.....
Finance, insurance, and real estate .....	1,379.9	1,476.6	1,489.0	1,513.7	1,528.7	1,541.3	.....
Services .....	1,768.7	1,937.0	1,956.9	1,999.3	2,029.3	2,052.3	.....
<b>Government</b> .....	<b>954.1</b>	<b>1,009.0</b>	<b>1,014.4</b>	<b>1,020.3</b>	<b>1,035.0</b>	<b>1,047.6</b>	<b>1,062.6</b>
<b>Rest of the world</b> .....	<b>-6.8</b>	<b>-12.1</b>	<b>-18.1</b>	<b>4.2</b>	<b>-10.4</b>	<b>-11.7</b>	<b>-7.0</b>

NOTE.— Estimates in this table are based on the 1987 Standard Industrial Classification (SIC).

**Table 6.16C.—Corporate Profits by Industry Group**  
[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Corporate profits with inventory valuation and capital consumption adjustments</b> .....	<b>825.2</b>	<b>876.4</b>	<b>895.0</b>	<b>847.6</b>	<b>789.8</b>	<b>759.8</b>	<b>696.7</b>
<b>Domestic industries</b> .....	<b>710.5</b>	<b>739.6</b>	<b>754.0</b>	<b>690.8</b>	<b>649.7</b>	<b>615.8</b>	<b>553.8</b>
Financial .....	180.3	189.5	187.2	187.5	184.9	165.4	137.0
Nonfinancial .....	530.3	550.1	566.8	503.4	464.8	450.4	416.8
<b>Rest of the world</b> .....	<b>114.6</b>	<b>136.8</b>	<b>141.0</b>	<b>156.8</b>	<b>140.0</b>	<b>144.0</b>	<b>142.9</b>
Receipts from the rest of the world .....	173.3	204.9	205.0	210.4	201.0	194.0	185.5
Less: Payments to the rest of the world .....	58.7	68.1	64.0	53.6	61.0	50.0	42.5
<b>Corporate profits with inventory valuation adjustment</b> .....	<b>773.4</b>	<b>833.0</b>	<b>854.6</b>	<b>809.2</b>	<b>753.8</b>	<b>729.5</b>	<b>683.4</b>
<b>Domestic industries</b> .....	<b>658.8</b>	<b>696.3</b>	<b>713.6</b>	<b>652.4</b>	<b>613.8</b>	<b>585.4</b>	<b>540.5</b>
Financial .....	191.0	204.4	203.1	204.4	202.2	183.3	154.4
Federal Reserve banks .....	25.7	30.0	30.4	30.9	30.4	28.7	27.4
Other .....	165.3	174.4	172.7	173.5	171.7	154.6	127.0
Nonfinancial .....	467.8	491.8	510.6	448.0	411.6	402.1	386.1
Manufacturing .....	163.7	155.2	159.4	119.4	90.4	93.4	.....
Durable goods .....	75.8	63.2	65.7	38.1	24.8	15.6	.....
Primary metal industries .....	2.6	3.1	3.5	1.6	-2.0	-1.5	.....
Fabricated metal products .....	16.7	14.3	14.2	7.4	9.3	9.7	.....
Industrial machinery and equipment .....	9.4	7.9	11.0	7.6	4.5	-3.6	.....
Electronic and other electric equipment .....	6.2	3.7	2.3	.8	-1.5	-4.8	.....
Motor vehicles and equipment .....	6.7	5.1	5.2	2.6	-2.9	-3.2	.....
Other .....	34.2	29.1	29.5	18.0	17.4	18.9	.....
Nondurable goods .....	87.9	92.0	93.7	81.3	65.6	77.8	.....
Food and kindred products .....	25.2	21.6	23.6	17.2	10.9	16.6	.....
Chemicals and allied products .....	26.6	30.6	29.6	32.2	25.1	29.0	.....
Petroleum and coal products .....	.5	7.5	10.0	7.9	9.0	10.4	.....
Other .....	35.6	32.3	30.5	23.9	20.5	22.0	.....
Transportation and public utilities .....	59.0	67.4	70.5	67.3	66.4	62.6	.....
Transportation .....	15.3	13.7	13.6	10.7	5.1	3.3	.....
Communications .....	5.9	12.7	12.8	17.8	15.5	9.9	.....
Electric, gas, and sanitary services .....	37.8	41.0	44.1	38.7	45.8	49.4	.....
Wholesale trade .....	53.8	60.5	63.7	55.9	40.3	34.0	.....
Retail trade .....	77.1	81.8	84.5	76.3	84.9	85.6	.....
Other .....	114.2	126.9	132.5	129.1	129.7	126.5	.....
<b>Rest of the world</b> .....	<b>114.6</b>	<b>136.8</b>	<b>141.0</b>	<b>156.8</b>	<b>140.0</b>	<b>144.0</b>	<b>142.9</b>

NOTE.— Estimates in this table are based on the 1987 Standard Industrial Classification (SIC).



**Table 7.2.—Quantity and Price Indexes for Gross Domestic Product, Final Sales, and Purchases**

[Index numbers, 1996=100]

	1999	2000	Seasonally adjusted				
			2000		2001		
			III	IV	I	II	III
<b>Gross domestic product:</b>							
Current dollars.....	118.63	126.36	127.19	128.35	129.80	130.58	130.93
Chain-type quantity index.....	113.35	118.06	118.52	119.08	119.47	119.56	119.25
Chain-type price index.....	104.66	107.04	107.31	107.78	108.65	109.22	109.80
Implicit price deflator.....	104.65	107.04	107.31	107.78	108.65	109.21	109.80
<b>Final sales of domestic product:</b>							
Current dollars.....	118.33	126.22	127.00	128.34	130.63	131.55	132.16
Chain-type quantity index.....	112.96	117.78	118.22	118.93	120.10	120.32	120.23
Chain-type price index.....	104.76	107.16	107.44	107.92	108.77	109.34	109.93
Implicit price deflator.....	104.75	107.16	107.43	107.91	108.77	109.34	109.92
<b>Gross domestic purchases:</b>							
Current dollars.....	120.47	129.55	130.57	131.84	132.95	133.51	133.15
Chain-type quantity index.....	115.85	121.42	122.01	122.68	122.88	123.01	122.74
Chain-type price index.....	103.99	106.70	107.02	107.47	108.19	108.54	108.49
Implicit price deflator.....	103.98	106.69	107.02	107.47	108.19	108.53	108.48
<b>Final sales to domestic purchasers:</b>							
Current dollars.....	120.18	129.41	130.40	131.85	133.78	134.48	134.37
Chain-type quantity index.....	115.47	121.16	121.73	122.55	123.52	123.78	123.73
Chain-type price index.....	104.08	106.81	107.13	107.60	108.31	108.65	108.61
Implicit price deflator.....	104.08	106.81	107.13	107.60	108.30	108.65	108.61
<b>Addenda:</b>							
<b>Final sales of computers:<sup>1</sup></b>							
Current dollars.....	112.50	140.41	144.51	149.64	136.78	120.56	110.61
Chain-type quantity index.....	299.26	455.72	479.77	512.33	523.45	484.59	472.77
Chain-type price index.....	37.59	30.81	29.99	29.09	26.02	24.77	23.30
Implicit price deflator.....	37.59	30.81	30.12	29.21	26.13	24.88	23.40
<b>Gross domestic product less final sales of computers:</b>							
Current dollars.....	118.69	126.22	127.01	128.13	129.73	130.68	131.13
Chain-type quantity index.....	112.22	116.41	116.80	117.27	117.63	117.81	117.52
Chain-type price index.....	105.77	108.44	108.75	109.27	110.30	110.93	111.59
Implicit price deflator.....	105.77	108.43	108.75	109.27	110.29	110.93	111.59
<b>Gross domestic purchases less final sales of computers:</b>							
Current dollars.....	120.38	129.29	130.28	131.55	132.83	133.59	133.38
Chain-type quantity index.....	114.35	119.38	119.89	120.47	120.67	120.88	120.66
Chain-type price index.....	105.28	108.31	108.67	109.20	110.09	110.52	110.55
Implicit price deflator.....	105.27	108.31	108.67	109.20	110.08	110.51	110.54
<b>Chain-type price indexes for gross domestic product:</b>							
Food.....	104.67	107.08	107.49	108.08	109.15	109.92	111.09
Energy goods and services.....	98.67	103.49	103.41	104.67	113.13	120.40	114.69
<b>Gross domestic product less food and energy.....</b>	<b>104.87</b>	<b>107.17</b>	<b>107.44</b>	<b>107.87</b>	<b>108.47</b>	<b>108.79</b>	<b>109.52</b>
<b>Chain-type price indexes for gross domestic purchases:</b>							
Food.....	105.78	108.23	108.74	109.17	110.28	110.99	112.00
Energy goods and services.....	95.61	113.69	115.32	118.44	121.11	122.92	115.91
<b>Gross domestic purchases less food and energy.....</b>	<b>104.17</b>	<b>106.26</b>	<b>106.51</b>	<b>106.86</b>	<b>107.46</b>	<b>107.70</b>	<b>107.83</b>

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]

<b>Gross national product:</b>							
Current dollars.....	118.27	125.92	126.66	128.10	129.37	130.13	130.54
Chain-type quantity index.....	113.05	117.69	118.08	118.90	119.13	119.21	118.95
Chain-type price index.....	104.62	107.00	107.27	107.74	108.60	109.16	109.75
Implicit price deflator.....	104.62	106.99	107.27	107.74	108.60	109.16	109.74
<b>Less: Exports of goods and services and income receipts from the rest of the world:</b>							
Chain-type quantity index.....	119.39	133.62	136.04	136.22	133.62	127.53	120.74
<b>Plus: Command-basis exports of goods and services and income receipts from the rest of the world:</b>							
Chain-type quantity index.....	123.41	135.40	137.51	137.74	135.91	131.05	128.33
<b>Equals: Command-basis gross national product:</b>							
Chain-type quantity index.....	113.62	117.94	118.29	119.12	119.45	119.71	120.03

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

**Table 7.4.—Chain-Type Quantity and Price Indexes for Personal Consumption Expenditures by Major Type of Product**

[Index numbers, 1996=100]

	1999	2000	Seasonally adjusted				
			2000		2001		
			III	IV	I	II	III
<b>Chain-type quantity indexes</b>							
<b>Personal consumption expenditures.....</b>	<b>113.96</b>	<b>119.48</b>	<b>120.14</b>	<b>121.07</b>	<b>121.98</b>	<b>122.74</b>	<b>123.08</b>
<b>Durable goods.....</b>	<b>132.66</b>	<b>145.27</b>	<b>146.66</b>	<b>145.90</b>	<b>149.63</b>	<b>152.17</b>	<b>152.45</b>
Motor vehicles and parts.....	127.83	135.90	137.03	134.18	139.29	141.20	140.97
Furniture and household equipment.....	141.30	159.17	160.97	162.03	165.08	169.07	170.40
Other.....	126.80	140.18	141.40	142.23	143.97	145.59	145.30
<b>Nondurable goods.....</b>	<b>112.22</b>	<b>117.52</b>	<b>118.43</b>	<b>118.60</b>	<b>119.31</b>	<b>119.40</b>	<b>119.55</b>
Food.....	107.87	112.13	112.75	112.78	112.89	112.74	112.49
Clothing and shoes.....	120.68	129.67	131.40	131.45	132.52	133.10	133.31
Gasoline, fuel oil, and other energy goods.....	108.27	107.59	108.44	107.96	109.21	107.39	108.82
Gasoline and oil.....	110.09	109.99	110.79	110.48	111.89	110.89	112.36
Fuel oil and coal.....	93.95	88.82	90.07	88.41	88.50	80.73	81.80
Other.....	116.96	124.28	125.28	126.06	127.57	128.63	129.05
<b>Services.....</b>	<b>111.36</b>	<b>115.78</b>	<b>116.19</b>	<b>117.78</b>	<b>118.32</b>	<b>119.13</b>	<b>119.58</b>
Housing.....	107.64	110.03	110.28	110.88	111.49	111.96	112.41
Household operation.....	112.89	119.02	119.69	123.99	123.66	121.99	122.65
Electricity and gas.....	102.70	105.96	105.45	112.13	108.83	104.85	104.94
Other household operation.....	119.76	127.82	129.36	131.91	133.85	134.02	135.12
Transportation.....	113.93	117.32	117.51	118.49	118.80	118.68	117.64
Medical care.....	107.79	110.99	111.35	112.35	113.16	114.45	115.50
Recreation.....	114.88	118.78	118.89	119.61	121.52	121.83	121.09
Other.....	116.81	124.36	125.03	127.64	127.84	129.87	130.31
<b>Addenda:</b>							
Energy goods and services <sup>1</sup> .....	105.55	106.69	106.96	109.65	108.84	106.03	106.83
Personal consumption expenditures less food and energy.....	115.62	121.66	122.35	123.34	124.51	125.71	126.14
<b>Chain-type price indexes</b>							
<b>Personal consumption expenditures.....</b>	<b>104.72</b>	<b>107.52</b>	<b>107.85</b>	<b>108.37</b>	<b>109.23</b>	<b>109.59</b>	<b>109.51</b>
<b>Durable goods.....</b>	<b>93.04</b>	<b>91.53</b>	<b>91.29</b>	<b>91.03</b>	<b>90.86</b>	<b>90.05</b>	<b>89.41</b>
Motor vehicles and parts.....	99.11	99.57	99.55	99.79	100.44	100.09	99.68
Furniture and household equipment.....	85.21	81.51	81.14	80.10	78.87	77.39	76.35
Other.....	96.60	95.77	95.41	95.83	96.37	96.12	95.98
<b>Nondurable goods.....</b>	<b>103.67</b>	<b>107.55</b>	<b>107.96</b>	<b>108.49</b>	<b>109.01</b>	<b>109.74</b>	<b>109.33</b>
Food.....	106.13	108.64	109.15	109.60	110.69	111.39	112.42
Clothing and shoes.....	96.42	95.18	94.64	95.18	95.03	93.68	92.39
Gasoline, fuel oil, and other energy goods.....	94.58	121.87	123.32	125.53	123.80	129.26	117.78
Gasoline and oil.....	94.76	121.07	122.65	123.97	121.99	128.74	116.59
Fuel oil and coal.....	92.64	129.27	129.33	140.32	141.13	132.89	129.03
Other.....	106.95	109.36	109.92	110.06	110.71	111.49	112.48
<b>Services.....</b>	<b>107.80</b>	<b>111.10</b>	<b>111.52</b>	<b>112.24</b>	<b>113.53</b>	<b>114.00</b>	<b>114.23</b>
Housing.....	109.31	112.79	113.21	114.19	115.27	116.57	117.79
Household operation.....	100.43	102.14	102.48	103.79	107.12	107.14	106.25
Electricity and gas.....	98.06	103.67	105.20	108.84	117.48	117.11	115.20
Other household operation.....	101.89	101.36	101.03	101.03	101.34	101.58	101.23
Transportation.....	105.47	108.55	109.02	109.86	110.23	110.10	109.97
Medical care.....	107.06	110.24	110.74	111.48	112.83	113.15	113.13
Recreation.....	108.86	112.87	113.60	114.16	115.13	116.44	117.17
Other.....	110.65	114.42	114.71	114.92	115.83	115.84	115.84
<b>Addenda:</b>							
Energy goods and services <sup>1</sup> .....	96.25	113.33	114.80	117.69	120.98	123.67	116.70
Personal consumption expenditures less food and energy.....	104.99	107.02	107.25	107.65	108.33	108.51	108.62

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

**Table 7.6.—Chain-Type Quantity and Price Indexes for Private Fixed Investment by Type**

[Index numbers, 1996=100]

	1999	2000	Seasonally adjusted				
			2000		2001		
			III	IV	I	II	III
Chain-type quantity indexes							
<b>Private fixed investment</b> .....	<b>131.56</b>	<b>141.52</b>	<b>142.66</b>	<b>142.83</b>	<b>143.51</b>	<b>139.89</b>	<b>137.62</b>
<b>Nonresidential</b> .....	<b>136.60</b>	<b>150.17</b>	<b>152.44</b>	<b>152.81</b>	<b>152.75</b>	<b>146.86</b>	<b>143.33</b>
<b>Structures</b> .....	<b>114.17</b>	<b>121.25</b>	<b>123.64</b>	<b>125.94</b>	<b>129.64</b>	<b>125.47</b>	<b>122.46</b>
Nonresidential buildings, including farm.....	114.76	120.55	122.19	123.16	124.94	118.53	110.95
Utilities.....	126.73	134.59	135.85	148.48	155.60	152.54	138.90
Mining exploration, shafts, and wells.....	95.07	111.34	120.06	117.75	134.07	144.17	142.22
Other structures.....	102.45	107.69	114.35	112.50	101.72	95.79	273.33
<b>Equipment and software</b> .....	<b>145.06</b>	<b>161.23</b>	<b>163.44</b>	<b>162.99</b>	<b>161.27</b>	<b>154.68</b>	<b>150.95</b>
Information processing equipment and software.....	176.20	212.17	216.18	223.42	216.16	204.73	198.71
Computers and peripheral equipment <sup>1</sup> .....	294.45	409.69	430.77	448.15	443.73	405.45	376.13
Software <sup>2</sup> .....	175.84	197.16	199.39	206.04	202.73	200.84	201.84
Other.....	129.60	153.83	154.76	159.28	149.07	136.77	130.26
Industrial equipment.....	107.31	119.13	120.98	121.40	125.14	118.15	110.87
Transportation equipment.....	142.24	138.72	139.09	126.85	127.72	125.54	125.08
Other.....	123.56	129.44	130.67	129.11	128.15	126.17	127.29
<b>Residential</b> .....	<b>117.56</b>	<b>118.55</b>	<b>116.95</b>	<b>116.62</b>	<b>119.03</b>	<b>120.76</b>	<b>121.49</b>
<b>Structures</b> .....	<b>117.57</b>	<b>118.40</b>	<b>116.76</b>	<b>116.42</b>	<b>118.87</b>	<b>120.62</b>	<b>121.39</b>
Single family.....	118.74	119.97	117.04	116.26	120.12	121.15	121.68
Multifamily.....	114.98	111.49	105.81	109.28	114.43	119.31	120.56
Other structures.....	116.53	117.61	118.36	117.90	118.06	120.17	121.18
<b>Equipment</b> .....	<b>117.47</b>	<b>125.30</b>	<b>125.38</b>	<b>126.02</b>	<b>126.25</b>	<b>127.13</b>	<b>126.08</b>
Chain-type price indexes							
<b>Private fixed investment</b> .....	<b>98.92</b>	<b>100.11</b>	<b>100.34</b>	<b>100.55</b>	<b>100.46</b>	<b>100.60</b>	<b>100.62</b>
<b>Nonresidential</b> .....	<b>95.61</b>	<b>95.74</b>	<b>95.90</b>	<b>95.91</b>	<b>95.44</b>	<b>95.41</b>	<b>95.30</b>
<b>Structures</b> .....	<b>110.38</b>	<b>114.95</b>	<b>115.49</b>	<b>116.83</b>	<b>118.61</b>	<b>119.99</b>	<b>120.61</b>
Nonresidential buildings, including farm.....	111.52	116.47	116.98	118.14	119.52	120.29	120.74
Utilities.....	103.41	106.54	106.89	107.44	107.87	108.18	108.95
Mining exploration, shafts, and wells.....	112.96	117.48	118.99	123.12	130.70	138.34	139.70
Other structures.....	106.41	109.68	109.51	111.55	112.90	113.67	114.27
<b>Equipment and software</b> .....	<b>91.09</b>	<b>90.08</b>	<b>90.15</b>	<b>89.82</b>	<b>88.76</b>	<b>88.35</b>	<b>88.04</b>
Information processing equipment and software.....	78.97	76.55	76.49	75.79	74.13	73.28	72.29
Computers and peripheral equipment <sup>1</sup> .....	43.51	37.65	37.01	35.78	32.62	31.11	29.35
Software <sup>2</sup> .....	95.54	97.62	98.48	98.64	98.79	98.92	98.78
Other.....	94.88	93.35	93.26	92.81	92.42	91.94	91.57
Industrial equipment.....	101.97	102.56	102.67	102.70	102.97	103.20	103.10
Transportation equipment.....	100.79	101.66	102.06	102.20	100.85	100.76	102.14
Other.....	103.44	103.86	103.99	104.25	104.86	105.23	105.48
<b>Residential</b> .....	<b>109.57</b>	<b>114.46</b>	<b>114.89</b>	<b>115.88</b>	<b>117.19</b>	<b>117.95</b>	<b>118.41</b>
<b>Structures</b> .....	<b>109.86</b>	<b>114.87</b>	<b>115.31</b>	<b>116.33</b>	<b>117.66</b>	<b>118.45</b>	<b>118.92</b>
Single family.....	110.41	115.60	115.96	116.96	118.50	119.10	119.40
Multifamily.....	117.40	123.90	124.46	125.62	127.29	127.94	128.26
Other structures.....	107.92	112.48	113.06	114.07	115.08	116.13	116.84
<b>Equipment</b> .....	<b>98.08</b>	<b>98.10</b>	<b>98.19</b>	<b>98.10</b>	<b>98.73</b>	<b>98.25</b>	<b>98.51</b>

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]

	1999	2000	Seasonally adjusted				
			2000		2001		
			III	IV	I	II	III
Chain-type quantity indexes							
<b>Exports of goods and services</b> .....	<b>118.38</b>	<b>129.63</b>	<b>132.62</b>	<b>131.27</b>	<b>130.88</b>	<b>126.78</b>	<b>120.75</b>
Goods <sup>1</sup> .....	121.49	135.20	139.85	137.37	136.55	130.21	123.33
Durable.....	127.67	144.40	149.26	146.33	145.05	136.57	127.95
Nondurable.....	108.18	115.40	119.56	118.03	118.21	116.42	113.33
Services <sup>1</sup> .....	111.14	117.01	116.42	117.47	117.99	118.70	114.48
<b>Income receipts</b> .....	<b>122.71</b>	<b>146.67</b>	<b>147.25</b>	<b>152.41</b>	<b>142.66</b>	<b>130.15</b>	<b>120.97</b>
<b>Imports of goods and services</b> .....	<b>140.35</b>	<b>159.09</b>	<b>163.07</b>	<b>162.86</b>	<b>160.79</b>	<b>157.30</b>	<b>151.97</b>
Goods <sup>1</sup> .....	143.40	162.75	166.76	166.50	163.65	159.60	155.58
Durable.....	150.50	173.51	177.49	177.72	172.44	163.20	158.90
Nondurable.....	129.77	142.65	146.65	145.67	146.63	150.93	147.44
Services <sup>1</sup> .....	125.50	141.32	145.13	145.14	146.90	146.14	133.80
<b>Income payments</b> .....	<b>133.92</b>	<b>161.33</b>	<b>164.26</b>	<b>160.79</b>	<b>156.13</b>	<b>143.16</b>	<b>131.38</b>
Chain-type price indexes							
<b>Exports of goods and services</b> .....	<b>95.65</b>	<b>97.33</b>	<b>97.58</b>	<b>97.70</b>	<b>97.67</b>	<b>97.42</b>	<b>96.99</b>
Goods <sup>1</sup> .....	92.94	93.97	94.06	94.15	94.06	93.69	93.17
Durable.....	93.64	93.66	93.81	93.71	93.78	93.70	93.44
Nondurable.....	91.25	94.85	94.81	95.40	94.89	93.78	92.63
Services <sup>1</sup> .....	102.55	106.02	106.71	106.95	107.08	107.13	106.94
<b>Income receipts</b> .....	<b>104.14</b>	<b>106.66</b>	<b>106.92</b>	<b>107.43</b>	<b>108.17</b>	<b>108.54</b>	<b>108.47</b>
<b>Imports of goods and services</b> .....	<b>91.78</b>	<b>95.73</b>	<b>96.27</b>	<b>96.37</b>	<b>95.65</b>	<b>94.19</b>	<b>89.90</b>
Goods <sup>1</sup> .....	90.32	94.63	95.19	95.40	94.40	92.85	91.19
Durable.....	89.15	88.79	88.81	88.29	88.20	87.59	86.85
Nondurable.....	92.85	107.90	109.74	111.66	108.55	104.95	101.35
Services <sup>1</sup> .....	99.74	101.45	101.83	101.34	102.24	101.31	81.64
<b>Income payments</b> .....	<b>105.22</b>	<b>107.98</b>	<b>108.31</b>	<b>108.79</b>	<b>109.63</b>	<b>110.11</b>	<b>110.14</b>

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)

	1999	2000	Seasonally adjusted					1999	2000	Seasonally adjusted					
			2000		2001					2000		2001			
			III	IV	I	II	III			III	IV	I	II	III	
Chain-type quantity indexes						Chain-type price indexes									
<b>Exports of goods and services</b> .....	<b>118.38</b>	<b>129.63</b>	<b>132.62</b>	<b>131.27</b>	<b>130.88</b>	<b>126.78</b>	<b>120.75</b>	<b>Exports of goods and services</b> .....	<b>95.65</b>	<b>97.33</b>	<b>97.58</b>	<b>97.70</b>	<b>97.67</b>	<b>97.42</b>	<b>96.99</b>
<b>Exports of goods</b> <sup>1</sup> .....	<b>121.49</b>	<b>135.20</b>	<b>139.85</b>	<b>137.37</b>	<b>136.55</b>	<b>130.21</b>	<b>123.33</b>	<b>Exports of goods</b> <sup>1</sup> .....	<b>92.94</b>	<b>93.97</b>	<b>94.06</b>	<b>94.15</b>	<b>94.06</b>	<b>93.69</b>	<b>93.17</b>
Foods, feeds, and beverages .....	101.95	108.01	113.51	107.74	111.80	110.09	106.89	Foods, feeds, and beverages .....	80.42	79.11	77.55	79.21	79.32	78.63	80.32
Industrial supplies and materials .....	108.34	119.22	122.39	122.04	119.60	115.35	113.85	Industrial supplies and materials .....	92.81	98.67	99.31	99.28	98.41	97.00	94.70
Durable goods .....	114.18	131.61	132.72	133.77	129.11	121.66	116.40	Durable goods .....	92.57	94.23	94.50	94.01	93.29	92.78	92.62
Nondurable goods .....	105.03	112.34	116.59	115.51	114.23	111.67	112.18	Nondurable goods .....	92.96	101.49	102.38	102.65	101.69	99.70	96.12
Capital goods, except automotive .....	135.08	155.94	163.32	159.65	159.98	145.05	133.41	Capital goods, except automotive .....	90.98	90.41	90.55	90.50	90.67	90.61	90.20
Civilian aircraft, engines, and parts .....	160.53	140.13	142.21	135.55	157.18	152.62	145.87	Civilian aircraft, engines, and parts .....	107.06	111.45	112.12	113.61	115.82	117.32	118.19
Computers, peripherals, and parts .....	156.33	195.85	207.35	203.12	200.09	175.28	163.63	Computers, peripherals, and parts .....	68.36	64.87	64.61	64.43	63.99	63.37	62.26
Other .....	126.06	151.92	159.69	156.75	153.14	137.69	125.04	Other .....	93.92	93.32	93.49	93.24	93.27	93.11	92.67
Automotive vehicles, engines, and parts .....	113.73	120.43	120.94	115.90	107.63	114.11	115.52	Automotive vehicles, engines, and parts .....	101.54	102.39	102.55	102.50	102.56	102.83	102.85
Consumer goods, except automotive .....	116.54	128.20	130.73	128.64	133.52	133.24	122.17	Consumer goods, except automotive .....	100.41	100.83	100.91	100.67	100.54	100.26	100.50
Durable goods .....	119.21	132.46	134.85	131.48	139.29	139.28	126.91	Durable goods .....	100.06	100.79	100.94	100.61	100.90	100.64	100.94
Nondurable goods .....	113.76	123.78	126.44	125.68	127.51	126.95	117.24	Nondurable goods .....	100.78	100.88	100.88	100.73	100.13	98.83	100.01
Other .....	133.15	137.24	140.67	146.30	140.68	140.41	131.89	Other .....	95.58	96.80	96.62	97.14	97.20	97.33	96.92
<b>Exports of services</b> <sup>1</sup> .....	<b>111.14</b>	<b>117.01</b>	<b>116.42</b>	<b>117.47</b>	<b>117.99</b>	<b>118.70</b>	<b>114.48</b>	<b>Exports of services</b> <sup>1</sup> .....	<b>102.55</b>	<b>106.02</b>	<b>106.71</b>	<b>106.95</b>	<b>107.08</b>	<b>107.13</b>	<b>106.94</b>
Transfers under U.S. military agency sales contracts .....	102.26	88.71	81.51	88.16	86.16	92.26	93.05	Transfers under U.S. military agency sales contracts .....	100.07	99.10	98.95	99.10	98.38	98.35	98.42
Travel .....	100.98	105.78	103.76	104.06	103.71	102.73	92.30	Travel .....	106.10	111.20	111.78	112.38	112.30	112.96	111.37
Passenger fares .....	94.58	96.71	96.40	96.91	90.25	93.33	82.74	Passenger fares .....	102.48	105.09	105.97	104.68	107.11	104.44	107.23
Other transportation .....	105.83	107.71	106.26	105.07	104.91	103.01	99.61	Other transportation .....	97.55	107.49	109.57	111.04	107.53	105.66	104.96
Royalties and license fees .....	107.59	109.67	109.74	110.20	112.39	115.27	114.83	Royalties and license fees .....	104.25	106.80	107.08	107.59	108.33	108.70	108.63
Other private services .....	138.37	150.21	150.67	152.67	156.69	158.32	158.80	Other private services .....	97.96	98.90	99.38	99.32	99.63	99.74	99.71
Other .....	87.42	103.37	107.87	109.06	108.29	106.38	105.06	Other .....	117.38	124.82	126.12	126.20	128.25	130.15	131.37
<b>Imports of goods and services</b> .....	<b>140.35</b>	<b>159.09</b>	<b>163.07</b>	<b>162.86</b>	<b>160.79</b>	<b>157.30</b>	<b>151.97</b>	<b>Imports of goods and services</b> .....	<b>91.78</b>	<b>95.73</b>	<b>96.27</b>	<b>96.37</b>	<b>95.65</b>	<b>94.19</b>	<b>89.90</b>
<b>Imports of goods</b> <sup>1</sup> .....	<b>143.40</b>	<b>162.75</b>	<b>166.76</b>	<b>166.50</b>	<b>163.65</b>	<b>159.60</b>	<b>155.58</b>	<b>Imports of goods</b> <sup>1</sup> .....	<b>90.32</b>	<b>94.63</b>	<b>95.19</b>	<b>95.40</b>	<b>94.40</b>	<b>92.85</b>	<b>91.19</b>
Foods, feeds, and beverages .....	129.17	138.40	141.65	141.20	139.26	141.59	150.39	Foods, feeds, and beverages .....	94.48	93.03	92.61	91.84	92.18	90.40	89.22
Industrial supplies and materials, except petroleum and products .....	125.60	134.14	135.33	133.59	131.85	133.01	132.78	Industrial supplies and materials, except petroleum and products .....	94.46	103.39	104.71	107.75	110.52	104.60	97.10
Durable goods .....	128.54	136.99	136.77	136.20	134.56	126.51	126.81	Durable goods .....	97.21	102.42	102.81	101.08	101.53	101.01	98.48
Nondurable goods .....	122.49	131.10	133.71	130.89	129.07	138.41	137.66	Nondurable goods .....	91.63	104.53	106.85	114.90	120.13	108.91	96.69
Petroleum and products .....	111.96	118.25	120.56	118.16	125.46	126.80	116.56	Petroleum and products .....	83.21	139.73	145.88	147.85	128.45	123.87	120.32
Capital goods, except automotive .....	164.75	198.04	205.08	206.13	200.20	175.56	164.60	Capital goods, except automotive .....	78.58	76.75	76.66	75.99	75.68	74.87	74.08
Civilian aircraft, engines, and parts .....	174.65	188.26	189.53	215.44	216.73	214.18	214.12	Civilian aircraft, engines, and parts .....	107.43	110.57	111.23	112.30	113.19	114.62	115.54
Computers, peripherals, and parts .....	211.97	248.09	259.08	254.28	246.95	226.63	211.02	Computers, peripherals, and parts .....	62.47	58.82	58.67	57.23	56.36	54.39	52.31
Other .....	147.45	181.53	187.98	187.89	181.64	153.79	143.02	Other .....	83.76	82.52	82.40	82.02	81.89	81.51	81.28
Automotive vehicles, engines, and parts .....	137.42	149.31	151.02	146.93	142.27	146.00	147.52	Automotive vehicles, engines, and parts .....	101.03	101.73	101.87	101.88	101.91	101.61	101.48
Consumer goods, except automotive .....	145.19	170.55	173.57	177.94	177.47	174.75	171.23	Consumer goods, except automotive .....	96.80	95.94	95.87	95.60	95.56	95.26	95.10
Durable goods .....	149.24	178.41	179.97	186.19	182.78	177.26	173.55	Durable goods .....	94.11	93.03	92.95	92.68	92.62	92.10	91.80
Nondurable goods .....	140.95	162.34	166.88	169.35	171.92	172.08	168.75	Nondurable goods .....	99.78	99.19	99.12	98.86	98.85	98.81	98.80
Other .....	156.74	177.41	190.99	189.91	170.17	186.76	184.70	Other .....	99.20	100.19	100.45	100.69	101.47	100.99	99.70
<b>Imports of services</b> <sup>1</sup> .....	<b>125.50</b>	<b>141.32</b>	<b>145.13</b>	<b>145.14</b>	<b>146.90</b>	<b>146.14</b>	<b>133.80</b>	<b>Imports of services</b> <sup>1</sup> .....	<b>99.74</b>	<b>101.45</b>	<b>101.83</b>	<b>101.34</b>	<b>102.24</b>	<b>101.31</b>	<b>81.64</b>
Direct defense expenditures .....	132.25	139.52	146.23	141.47	146.01	145.50	146.33	Direct defense expenditures .....	91.43	88.10	87.75	86.45	88.12	85.65	88.16
Travel .....	125.04	138.92	138.79	140.51	139.13	142.31	119.31	Travel .....	97.98	96.69	96.42	94.44	96.79	95.07	95.85
Passenger fares .....	122.54	131.14	133.39	126.49	122.05	130.71	111.95	Passenger fares .....	109.96	116.65	118.00	120.32	124.15	124.69	133.19
Other transportation .....	115.91	127.52	130.23	130.42	129.82	122.34	114.53	Other transportation .....	107.48	117.49	118.33	119.99	118.40	117.40	115.47
Royalties and license fees .....	154.35	192.37	216.18	201.77	213.40	207.78	204.30	Royalties and license fees .....	104.26	106.82	107.06	107.57	108.31	108.68	108.61
Other private services .....	129.20	154.36	160.21	165.90	174.42	170.03	168.72	Other private services .....	93.99	93.29	94.00	92.90	92.62	92.12	22.67
Other .....	107.59	110.81	111.36	113.02	113.49	115.25	116.58	Other .....	102.42	105.15	105.44	105.04	106.01	105.33	104.92
<b>Addenda:</b>								<b>Addenda:</b>							
Exports of agricultural goods <sup>2</sup> .....	102.79	111.41	117.22	111.68	113.75	113.69	112.84	Exports of agricultural goods <sup>2</sup> .....	78.57	77.09	75.61	77.44	77.79	77.03	78.98
Exports of nonagricultural goods .....	123.45	137.66	142.21	140.00	138.92	132.00	124.56	Exports of nonagricultural goods .....	94.34	95.59	95.83	95.76	95.63	95.30	94.54
Imports of nonpetroleum goods .....	146.12	166.89	171.12	171.23	166.90	162.17	159.03	Imports of nonpetroleum goods .....	91.09	91.62	91.77	91.86	92.17	90.84	89.32

<sup>1</sup> 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.

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



**Table 7.11.—Chain-Type Quantity and Price Indexes for Government Consumption Expenditures and Gross Investment by Type**  
[Index numbers, 1996=100]

	1999	2000	Seasonally adjusted					1999	2000	Seasonally adjusted					
			2000		2001					2000		2001			
			III	IV	I	II	III			III	IV	I	II	III	
	<b>Chain-type quantity indexes</b>						<b>Chain-type price indexes</b>								
<b>Government consumption expenditures and gross investment <sup>1</sup></b>	<b>107.72</b>	<b>110.60</b>	<b>110.41</b>	<b>111.31</b>	<b>112.76</b>	<b>114.14</b>	<b>114.36</b>	<b>Government consumption expenditures and gross investment <sup>1</sup></b>	<b>106.58</b>	<b>110.71</b>	<b>111.10</b>	<b>111.63</b>	<b>112.58</b>	<b>113.09</b>	<b>113.13</b>
<b>Federal</b>	<b>100.97</b>	<b>102.68</b>	<b>101.92</b>	<b>103.07</b>	<b>103.88</b>	<b>104.35</b>	<b>105.04</b>	<b>Federal</b>	<b>105.09</b>	<b>108.12</b>	<b>108.35</b>	<b>108.46</b>	<b>109.62</b>	<b>109.96</b>	<b>110.05</b>
<b>National defense</b>	<b>97.64</b>	<b>97.76</b>	<b>96.68</b>	<b>99.11</b>	<b>100.93</b>	<b>101.50</b>	<b>102.16</b>	<b>National defense</b>	<b>104.60</b>	<b>107.56</b>	<b>107.82</b>	<b>108.09</b>	<b>109.04</b>	<b>109.32</b>	<b>109.43</b>
Consumption expenditures	97.46	97.41	96.90	97.90	100.67	100.72	101.49	Consumption expenditures	105.82	109.29	109.58	109.89	111.14	111.46	111.60
Durable goods <sup>2</sup>	106.98	107.86	105.56	110.11	109.00	114.40	121.30	Durable goods <sup>2</sup>	98.72	99.55	99.62	99.73	99.87	99.92	99.79
Nondurable goods	115.72	121.74	117.07	109.41	112.32	130.41	127.27	Nondurable goods	91.31	110.89	112.31	118.85	110.18	107.91	106.59
Services	96.31	96.04	95.76	96.77	99.80	99.00	99.46	Services	106.81	109.94	110.21	110.32	111.99	112.42	112.64
Compensation of general government employees, except own-account investment <sup>3</sup>	90.87	90.40	90.79	90.57	89.80	89.88	90.69	Compensation of general government employees, except own-account investment <sup>3</sup>	109.96	114.63	114.83	114.58	118.03	118.56	118.82
Consumption of general government fixed capital <sup>4</sup>	99.20	99.36	99.38	99.46	99.58	99.71	99.98	Consumption of general government fixed capital <sup>4</sup>	100.40	101.87	102.06	102.10	101.71	102.00	101.45
Other services	103.46	103.24	101.53	105.47	117.51	114.40	114.36	Other services	106.86	108.98	109.41	110.11	110.79	111.17	111.90
Gross investment	98.99	100.15	95.53	106.83	102.70	106.58	106.50	Gross investment	97.55	97.77	97.85	97.90	97.27	97.33	97.26
Structures	72.12	69.35	72.72	68.01	67.05	67.27	60.35	Structures	110.22	114.85	115.33	116.53	117.80	118.63	119.05
Equipment and software	103.04	104.84	98.90	112.86	108.21	112.69	113.81	Equipment and software	96.03	95.83	95.87	95.82	95.03	95.02	94.90
<b>Nondefense</b>	<b>107.75</b>	<b>112.67</b>	<b>112.55</b>	<b>111.10</b>	<b>109.88</b>	<b>110.14</b>	<b>110.91</b>	<b>Nondefense</b>	<b>106.04</b>	<b>109.20</b>	<b>109.38</b>	<b>109.19</b>	<b>110.74</b>	<b>111.20</b>	<b>111.26</b>
Consumption expenditures	102.29	107.89	108.23	106.20	104.60	104.95	104.57	Consumption expenditures	107.94	111.43	111.56	111.22	113.21	113.76	113.90
Durable goods <sup>2</sup>								Durable goods <sup>2</sup>							
Nondurable goods								Nondurable goods							
Commodity Credit Corporation inventory change								Commodity Credit Corporation inventory change							
Other nondurables	89.81	87.51	100.62	50.58	94.37	90.83	89.02	Other nondurables	102.10	107.26	110.02	103.08	109.52	110.57	108.83
Services	102.63	107.56	107.57	107.04	104.16	104.89	104.96	Services	108.41	112.10	112.18	112.00	113.96	114.49	114.71
Compensation of general government employees, except own-account investment <sup>3</sup>	101.05	104.13	103.47	102.33	103.14	103.33	104.52	Compensation of general government employees, except own-account investment <sup>3</sup>	112.64	117.55	117.58	116.79	119.83	120.60	120.88
Consumption of general government fixed capital <sup>4</sup>	132.78	146.69	148.37	151.51	154.26	157.30	160.51	Consumption of general government fixed capital <sup>4</sup>	98.58	100.74	101.00	101.48	101.57	101.77	101.56
Other services	93.03	97.97	98.63	97.85	85.27	86.15	82.66	Other services	105.31	107.56	107.62	108.17	109.23	109.51	109.95
Gross investment	134.02	135.48	133.10	134.61	135.29	135.07	141.70	Gross investment	98.21	100.19	100.49	100.85	100.84	100.98	100.75
Structures	95.13	85.48	81.38	86.43	88.72	81.53	82.95	Structures	108.98	113.33	113.82	114.65	115.91	116.58	116.79
Equipment and software	156.54	165.07	163.85	163.02	162.64	167.03	176.97	Equipment and software	93.77	95.01	95.25	95.47	95.09	95.08	94.74
<b>State and local</b>	<b>111.71</b>	<b>115.26</b>	<b>115.41</b>	<b>116.17</b>	<b>117.99</b>	<b>119.88</b>	<b>119.84</b>	<b>State and local</b>	<b>107.42</b>	<b>112.14</b>	<b>112.62</b>	<b>113.37</b>	<b>114.22</b>	<b>114.82</b>	<b>114.82</b>
Consumption expenditures	109.36	113.05	113.50	114.31	115.50	116.57	117.79	Consumption expenditures	108.04	113.11	113.60	114.39	115.21	115.88	115.86
Durable goods <sup>2</sup>	121.72	129.87	130.90	132.91	135.08	137.28	139.50	Durable goods <sup>2</sup>	98.95	99.66	99.80	99.94	100.05	100.42	100.37
Nondurable goods	117.54	125.11	125.98	127.63	129.53	131.47	133.44	Nondurable goods	97.76	110.94	112.08	113.54	112.48	113.13	109.76
Services	108.17	111.33	111.71	112.40	113.48	114.43	115.55	Services	109.55	113.59	113.99	114.71	115.81	116.49	116.96
Compensation of general government employees, except own-account investment <sup>3</sup>	104.39	106.39	106.66	107.06	107.81	108.43	109.18	Compensation of general government employees, except own-account investment <sup>3</sup>	110.54	114.71	115.14	115.74	116.49	117.50	118.64
Consumption of general government fixed capital <sup>4</sup>	117.56	124.33	125.17	126.86	128.52	130.19	131.88	Consumption of general government fixed capital <sup>4</sup>	102.97	105.80	106.30	106.77	107.47	107.80	107.68
Other services	169.34	189.85	191.59	196.57	203.71	210.08	218.31	Other services	108.93	113.53	113.40	116.15	122.42	119.50	113.18
Gross investment	122.30	125.15	123.95	124.45	129.16	134.86	128.96	Gross investment	104.88	108.16	108.62	109.19	110.15	110.49	110.58
Structures	116.59	117.13	115.13	115.16	121.13	128.49	121.54	Structures	110.12	114.99	115.58	116.57	118.31	118.93	119.14
Equipment and software	141.25	152.57	154.36	156.63	156.33	155.24	153.72	Equipment and software	90.56	90.04	90.18	89.84	89.01	88.68	88.48
<b>Addenda:</b>								<b>Addenda:</b>							
Compensation of general government employees <sup>3</sup>	101.85	103.55	103.73	103.89	104.30	104.81	105.56	Compensation of general government employees <sup>3</sup>	110.65	114.98	115.33	115.66	117.05	117.97	118.88
Federal	94.71	95.58	95.61	95.08	94.89	95.06	95.97	Federal	110.99	115.75	115.88	115.41	118.69	119.33	119.59
State and local	104.59	106.61	106.86	107.28	107.93	108.57	109.26	State and local	110.54	114.71	115.14	115.74	116.49	117.50	118.64

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

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

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

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

**Table 7.14.—Chain-Type Quantity and Price Indexes for Gross Domestic Product by Sector**  
[Index numbers, 1996=100]

	1999	2000	Seasonally adjusted				
			2000		2001		
			III	IV	I	II	III
Chain-type quantity indexes							
<b>Gross domestic product</b>	<b>113.35</b>	<b>118.06</b>	<b>118.52</b>	<b>119.08</b>	<b>119.47</b>	<b>119.56</b>	<b>119.25</b>
<b>Business</b> <sup>1</sup>	<b>115.01</b>	<b>120.18</b>	<b>120.69</b>	<b>121.26</b>	<b>121.59</b>	<b>121.53</b>	<b>120.97</b>
Nonfarm <sup>2</sup>	115.00	120.08	120.56	121.12	121.49	121.50	120.91
Nonfarm less housing	115.87	121.17	121.70	122.25	122.68	122.53	121.96
Housing	107.20	110.34	110.48	111.10	110.92	112.27	111.56
Farm	114.98	130.73	133.38	136.12	132.24	124.31	126.33
<b>Households and institutions</b>	<b>108.75</b>	<b>111.50</b>	<b>111.79</b>	<b>112.75</b>	<b>113.84</b>	<b>115.36</b>	<b>116.23</b>
Private households	97.57	99.69	100.45	104.64	105.44	107.65	108.68
Nonprofit institutions	109.16	111.93	112.20	113.04	114.15	115.64	116.51
<b>General government</b> <sup>3</sup>	<b>103.39</b>	<b>105.57</b>	<b>105.82</b>	<b>106.13</b>	<b>106.66</b>	<b>107.27</b>	<b>108.10</b>
Federal	97.89	99.35	99.47	99.26	99.29	99.61	100.53
State and local	105.98	108.49	108.80	109.35	110.11	110.85	111.65
Chain-type price indexes							
<b>Gross domestic product</b>	<b>104.66</b>	<b>107.04</b>	<b>107.31</b>	<b>107.78</b>	<b>108.65</b>	<b>109.22</b>	<b>109.80</b>
<b>Business</b> <sup>1</sup>	<b>104.00</b>	<b>106.07</b>	<b>106.31</b>	<b>106.77</b>	<b>107.56</b>	<b>108.06</b>	<b>108.59</b>
Nonfarm <sup>2</sup>	104.49	106.66	106.91	107.36	108.11	108.57	109.04
Nonfarm less housing	104.02	106.07	106.31	106.71	107.42	107.80	108.19
Housing	109.00	112.36	112.71	113.69	114.83	116.05	117.35
Farm	70.07	65.55	64.80	66.21	69.60	73.02	77.36
<b>Households and institutions</b>	<b>106.40</b>	<b>111.14</b>	<b>111.83</b>	<b>112.90</b>	<b>114.50</b>	<b>115.80</b>	<b>117.23</b>
Private households	108.50	113.36	114.07	114.94	116.95	116.84	117.83
Nonprofit institutions	106.33	111.07	111.75	112.83	114.41	115.76	117.20
<b>General government</b> <sup>3</sup>	<b>109.07</b>	<b>113.03</b>	<b>113.38</b>	<b>113.71</b>	<b>114.88</b>	<b>115.69</b>	<b>116.38</b>
Federal	107.80	111.62	111.78	111.51	113.70	114.22	114.26
State and local	109.66	113.66	114.10	114.69	115.43	116.36	117.33

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]

<b>Price per unit of real gross product of nonfinancial corporate business</b> <sup>1</sup>	<b>1.017</b>	<b>1.043</b>	<b>1.047</b>	<b>1.051</b>	<b>1.056</b>	<b>1.062</b>	<b>1.062</b>
<b>Compensation of employees (unit labor cost)</b>	<b>.665</b>	<b>.685</b>	<b>.686</b>	<b>.701</b>	<b>.710</b>	<b>.714</b>	<b>.716</b>
<b>Unit nonlabor cost</b>	<b>.244</b>	<b>.251</b>	<b>.251</b>	<b>.253</b>	<b>.256</b>	<b>.261</b>	<b>.266</b>
Consumption of fixed capital	.114	.118	.118	.120	.122	.126	.135
Indirect business tax and nontax liability plus business transfer payments less subsidies	.097	.100	.100	.101	.102	.103	.099
Net interest	.033	.033	.033	.032	.032	.032	.032
<b>Corporate profits with inventory valuation and capital consumption adjustments (unit profits from current production)</b>	<b>.108</b>	<b>.107</b>	<b>.109</b>	<b>.097</b>	<b>.089</b>	<b>.086</b>	<b>.080</b>
Profits tax liability	.035	.036	.037	.032	.029	.029	.027
Profits after tax with inventory valuation and capital consumption adjustments	.073	.070	.073	.065	.060	.057	.053

1. The implicit price deflator for gross product of nonfinancial corporate business divided by 100.  
NOTE.— Effective with this release, the estimates of chained-dollar gross product of nonfinancial corporate business beginning with 1998 are revised to reflect revisions to the gross product price indexes for nonfinancial industries.

**Table 7.16B.—Implicit Price Deflators for Private Inventories by Industry**  
[Index numbers, 1996=100]

	Seasonally adjusted				
	2000		2001		
	III	IV	I	II	III
<b>Private inventories</b> <sup>1</sup>	<b>99.46</b>	<b>100.14</b>	<b>99.20</b>	<b>98.38</b>	<b>96.87</b>
Farm	93.02	98.72	103.19	101.40	94.37
Construction, mining, and utilities	109.67	119.10	127.36	113.32	100.55
Manufacturing	99.77	99.73	95.69	94.31	92.70
Durable goods industries	97.56	97.30	95.38	94.42	92.39
Nondurable goods industries	103.56	103.91	96.18	94.08	93.19
Wholesale trade	97.11	96.94	96.46	96.36	95.93
Durable goods industries	93.73	93.21	92.45	92.19	91.88
Nondurable goods industries	103.07	103.53	103.56	103.73	103.10
Retail trade	102.11	102.43	102.33	102.65	102.65
Motor vehicle dealers	100.23	100.95	100.47	100.28	100.54
Food and beverage stores	106.22	106.83	108.56	109.34	109.80
General merchandise stores	102.17	102.29	102.71	102.84	102.89
Other retail stores	102.80	102.86	102.52	103.19	102.90
Other industries	100.64	100.98	101.24	101.67	100.60
<b>Addenda:</b>					
Private inventories	99.46	100.14	99.20	98.38	96.87
Durable goods industries	97.07	96.91	95.70	95.29	94.38
Nondurable goods industries	102.02	103.54	102.88	101.64	99.54
Nonfarm industries	100.02	100.32	98.97	98.23	97.13
Wholesale trade	97.11	96.94	96.46	96.36	95.93
Merchant wholesale trade	96.25	96.22	95.80	95.64	95.33
Durable goods industries	93.63	93.09	92.31	92.03	91.70
Nondurable goods industries	100.94	101.81	102.03	102.07	101.79
Nonmerchant wholesale trade	102.28	101.34	100.51	100.78	99.61

1. Implicit price deflators are as of the end of the quarter and are consistent with the inventory stocks shown in tables 5.12B and 5.13B.

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

**Table 7.17.—Chain-Type Quantity Indexes for Gross Domestic Product by Major Type of Product**  
[Index numbers, 1996=100]

	1999	2000	Seasonally adjusted				
			2000		2001		
			III	IV	I	II	III
<b>Gross domestic product..</b>	<b>113.35</b>	<b>118.06</b>	<b>118.52</b>	<b>119.08</b>	<b>119.47</b>	<b>119.56</b>	<b>119.25</b>
Final sales of domestic product.....	112.96	117.78	118.22	118.93	120.10	120.32	120.23
Change in private inventories.....							
<b>Goods .....</b>	<b>119.14</b>	<b>126.03</b>	<b>127.16</b>	<b>126.40</b>	<b>125.58</b>	<b>124.43</b>	<b>122.99</b>
Final sales.....	118.16	125.39	126.47	126.13	127.56	126.76	125.96
Change in private inventories.....							
Durable goods.....	130.48	141.24	142.62	141.61	138.69	136.86	133.25
Final sales.....	129.35	140.30	141.83	140.94	143.20	142.27	139.70
Change in private inventories.....							
Nondurable goods.....	109.94	113.87	114.81	114.23	114.96	114.31	114.43
Final sales.....	109.13	113.55	114.29	114.36	115.17	114.48	114.93
Change in private inventories.....							
<b>Services.....</b>	<b>109.11</b>	<b>112.75</b>	<b>112.92</b>	<b>114.29</b>	<b>114.92</b>	<b>115.69</b>	<b>116.34</b>
<b>Structures.....</b>	<b>115.41</b>	<b>118.08</b>	<b>117.74</b>	<b>118.39</b>	<b>121.87</b>	<b>122.49</b>	<b>120.51</b>
<b>Addenda:</b>							
Motor vehicle output.....	129.26	128.39	127.77	120.86	115.40	121.94	123.67
Gross domestic product less motor vehicle output.....	112.80	117.69	118.19	119.00	119.59	119.47	119.08

**Table 7.18B.—Chain-Type Quantity Indexes for Motor Vehicle Output**  
[Index numbers, 1996=100]

	1999	2000	Seasonally adjusted				
			2000		2001		
			III	IV	I	II	III
<b>Motor vehicle output...</b>	<b>129.26</b>	<b>128.39</b>	<b>127.77</b>	<b>120.86</b>	<b>115.40</b>	<b>121.94</b>	<b>123.67</b>
Auto output.....	101.86	96.38	98.04	88.64	86.02	92.82	94.56
Truck output <sup>1</sup> .....	152.01	154.88	152.38	147.43	139.65	145.98	147.72
<b>Final sales of domestic product.....</b>	<b>123.90</b>	<b>124.50</b>	<b>124.34</b>	<b>116.56</b>	<b>122.45</b>	<b>123.26</b>	<b>120.41</b>
<b>Personal consumption expenditures.....</b>	<b>129.88</b>	<b>138.22</b>	<b>139.38</b>	<b>136.30</b>	<b>142.79</b>	<b>143.87</b>	<b>143.26</b>
New motor vehicles.....	134.41	145.58	145.96	143.35	151.05	151.92	153.18
Autos.....	121.54	130.17	127.89	126.45	131.41	127.73	124.68
Light trucks.....	149.62	163.75	167.24	163.25	174.17	180.33	186.63
Net purchases of used autos.....	116.04	115.93	119.34	114.94	117.89	119.59	113.62
<b>Private fixed investment.....</b>	<b>133.59</b>	<b>129.88</b>	<b>129.56</b>	<b>115.73</b>	<b>117.35</b>	<b>116.27</b>	<b>110.58</b>
New motor vehicles.....	128.38	125.47	125.63	113.87	116.29	115.51	108.56
Autos.....	106.22	104.10	103.81	99.03	103.03	102.51	94.90
Trucks.....	149.59	145.93	146.50	128.21	129.19	128.15	121.78
Light trucks.....	157.69	162.17	165.24	146.12	152.40	151.76	144.64
Other.....	134.06	115.53	111.53	94.82	86.18	84.46	79.52
Net purchases of used autos.....	109.21	109.21	111.17	106.89	112.15	112.38	101.04
<b>Gross government investment.....</b>	<b>116.98</b>	<b>119.06</b>	<b>113.85</b>	<b>123.23</b>	<b>123.05</b>	<b>123.06</b>	<b>118.63</b>
Autos.....	98.37	95.59	103.90	97.03	80.36	100.70	106.48
New trucks.....	127.35	132.21	119.27	137.89	147.13	135.51	125.34
<b>Net exports.....</b>							
Exports.....	94.17	95.72	94.81	89.64	81.40	93.91	101.05
Autos.....	94.99	95.38	94.34	88.95	85.72	101.05	113.79
Trucks.....	92.88	96.54	95.87	91.07	73.82	81.28	78.35
Imports.....	142.51	156.20	158.07	156.01	151.58	154.11	155.67
Autos.....	142.71	161.70	164.47	165.77	161.00	157.91	157.42
Trucks.....	141.44	130.02	127.60	109.80	106.93	135.81	146.94
<b>Change in private inventories.....</b>							
<b>Autos.....</b>							
New.....							
Domestic.....							
Foreign.....							
Used.....							
<b>New trucks.....</b>							
Domestic.....							
Foreign.....							
<b>Addenda:</b>							
Final sales of motor vehicles to domestic purchasers.....	130.81	134.54	134.95	128.36	132.86	133.13	130.55
Private fixed investment in new autos and new light trucks.....	127.12	127.69	128.78	118.13	123.05	122.49	115.08
Domestic output of new autos <sup>2</sup> .....	100.62	101.35	104.51	95.25	93.79	96.66	98.44
Sales of imported new autos <sup>3</sup> .....	144.48	154.48	153.04	154.26	148.78	154.69	147.71

1. Except for exports and imports, consists of new trucks only.

2. Consists of final sales and change in private inventories of new autos assembled in the United States.

3. Consists of personal consumption expenditures, private fixed investment, and gross government investment.

8. Supplemental Tables

Table 8.1.—Percent Change From Preceding Period in Selected Series  
[Percent]

	1999	2000	Seasonally adjusted at annual rates					1999	2000	Seasonally adjusted at annual rates												
			2000		2001					2000		2001										
			III	IV	I	II	III			III	IV	I	II	III								
<b>Gross domestic product:</b>													<b>Imports of services:</b>									
Current dollars	5.5	6.5	3.3	3.7	4.6	2.4	1.1	3.8	14.5	20.4	-1.9	8.7	-5.6	-70.4	Current dollars	3.8	14.5	20.4	-1.9	8.7	-5.6	-70.4
Chain-type quantity index	4.1	4.1	1.3	1.9	1.3	.3	-1.1	1.1	12.6	17.1	.0	4.9	-2.0	-29.8	Chain-type quantity index	1.1	12.6	17.1	.0	4.9	-2.0	-29.8
Chain-type price index	1.4	2.3	1.9	1.8	3.3	2.1	2.2	2.7	1.7	2.8	-1.9	3.6	-3.6	-57.8	Chain-type price index	2.7	1.7	2.8	-1.9	3.6	-3.6	-57.8
Implicit price deflator	1.4	2.3	1.9	1.8	3.3	2.1	2.2	2.7	1.7	2.8	-1.9	3.6	-3.6	-57.8	Implicit price deflator	2.7	1.7	2.8	-1.9	3.6	-3.6	-57.8
<b>Personal consumption expenditures:</b>													<b>Government consumption expenditures and gross investment:</b>									
Current dollars	6.7	7.7	6.8	5.2	6.3	3.9	.8	6.1	6.6	.7	5.3	9.0	6.9	.9	Current dollars	6.1	6.6	.7	5.3	9.0	6.9	.9
Chain-type quantity index	5.0	4.8	4.3	3.1	3.0	2.5	1.1	3.3	2.7	-1.8	3.3	5.3	5.0	.8	Chain-type quantity index	3.3	2.7	-1.8	3.3	5.3	5.0	.8
Chain-type price index	1.6	2.7	2.4	2.0	3.2	1.3	-3	2.8	3.9	2.6	1.9	3.5	1.8	.1	Chain-type price index	2.8	3.9	2.6	1.9	3.5	1.8	.1
Implicit price deflator	1.6	2.7	2.4	2.0	3.2	1.3	-3	2.8	3.9	2.6	1.9	3.5	1.8	.1	Implicit price deflator	2.8	3.9	2.6	1.9	3.5	1.8	.1
<b>Durable goods:</b>													<b>Federal:</b>									
Current dollars	9.8	7.7	5.8	-3.2	9.8	3.2	-2.1	4.6	4.6	-9.0	5.0	7.7	3.1	3.1	Current dollars	4.6	4.6	-9.0	5.0	7.7	3.1	3.1
Chain-type quantity index	12.5	9.5	8.2	-2.1	10.6	7.0	.7	2.2	1.7	-10.4	4.6	3.2	1.8	2.7	Chain-type quantity index	2.2	1.7	-10.4	4.6	3.2	1.8	2.7
Chain-type price index	-2.5	-1.6	-2.2	-1.2	-7	-3.5	-2.8	2.4	2.9	1.7	.4	4.4	1.2	.3	Chain-type price index	2.4	2.9	1.7	.4	4.4	1.2	.3
Implicit price deflator	-2.5	-1.6	-2.2	-1.2	-7	-3.5	-2.8	2.4	2.9	1.6	.4	4.4	1.2	.4	Implicit price deflator	2.4	2.9	1.6	.4	4.4	1.2	.4
<b>Nondurable goods:</b>													<b>National defense:</b>									
Current dollars	7.2	8.6	7.1	2.6	4.4	3.0	-1.0	4.4	3.0	-8.5	11.6	11.4	3.3	3.1	Current dollars	4.4	3.0	-8.5	11.6	11.4	3.3	3.1
Chain-type quantity index	4.7	4.7	4.2	.6	2.4	.3	.5	2.1	.1	-10.4	10.5	7.5	2.3	2.6	Chain-type quantity index	2.1	.1	-10.4	10.5	7.5	2.3	2.6
Chain-type price index	2.3	3.7	2.7	2.0	1.9	2.7	-1.5	2.3	2.8	2.2	1.0	3.6	1.0	.4	Chain-type price index	2.3	2.8	2.2	1.0	3.6	1.0	.4
Implicit price deflator	2.3	3.7	2.7	2.0	1.9	2.7	-1.5	2.3	2.8	2.2	1.0	3.6	1.0	.4	Implicit price deflator	2.3	2.8	2.2	1.0	3.6	1.0	.4
<b>Services:</b>													<b>Nondefense:</b>									
Current dollars	5.9	7.1	6.9	8.3	6.6	4.5	2.3	4.9	7.7	-9.9	-5.7	1.2	2.6	3.0	Current dollars	4.9	7.7	-9.9	-5.7	1.2	2.6	3.0
Chain-type quantity index	3.7	4.0	3.5	5.6	1.8	2.8	1.5	2.3	4.6	-10.4	-5.1	-4.3	.9	2.8	Chain-type quantity index	2.3	4.6	-10.4	-5.1	-4.3	.9	2.8
Chain-type price index	2.2	3.1	3.2	2.6	4.7	1.7	.8	2.5	3.0	.6	-7	5.8	1.7	.2	Chain-type price index	2.5	3.0	.6	-7	5.8	1.7	.2
Implicit price deflator	2.2	3.1	3.2	2.6	4.7	1.7	.8	2.5	3.0	.6	-7	5.8	1.7	.2	Implicit price deflator	2.5	3.0	.6	-7	5.8	1.7	.2
<b>Gross private domestic investment:</b>													<b>State and local:</b>									
Current dollars	6.4	8.0	-9	-1.8	-12.3	-11.7	-10.8	6.9	7.7	6.1	5.4	9.6	8.8	-1	Current dollars	6.9	7.7	6.1	5.4	9.6	8.8	-1
Chain-type quantity index	6.6	6.8	-2.8	-2.3	-12.3	-12.1	-10.7	3.9	3.2	3.0	2.7	6.4	6.6	-1	Chain-type quantity index	3.9	3.2	3.0	2.7	6.4	6.6	-1
Chain-type price index	-2	1.1	1.8	.7	.0	.4	.0	2.9	4.4	3.1	2.7	3.0	2.1	.0	Chain-type price index	2.9	4.4	3.1	2.7	3.0	2.1	.0
Implicit price deflator	-2	1.1	2.0	.5	.0	.5	.0	2.9	4.4	3.1	2.7	3.0	2.1	.0	Implicit price deflator	2.9	4.4	3.1	2.7	3.0	2.1	.0
<b>Fixed investment:</b>													<b>Addenda:</b>									
Current dollars	7.7	8.9	4.5	1.3	1.5	-9.2	-6.2	<b>Final sales of domestic product:</b>														
Chain-type quantity index	7.8	7.6	2.5	.5	1.9	-9.7	-6.3	Current dollars	5.8	6.7	4.3	4.3	7.3	2.9	1.8							
Chain-type price index	-1	1.2	1.9	.8	-4	.6	.1	Chain-type quantity index	4.3	4.3	2.3	2.4	4.0	.7	-3							
Implicit price deflator	-1	1.2	1.9	.8	-4	.6	.1	Chain-type price index	1.4	2.3	1.9	1.8	3.2	2.1	2.2							
<b>Nonresidential:</b>													<b>Gross domestic purchases:</b>									
Current dollars	6.7	10.1	8.5	1.0	-2.1	-14.7	-9.7	Current dollars	6.6	7.5	4.4	4.0	3.4	1.7	-1.1							
Chain-type quantity index	8.2	9.9	7.1	1.0	-2	-14.6	-9.3	Chain-type quantity index	5.0	4.8	2.0	2.2	.7	.4	-9							
Chain-type price index	-1.4	.1	1.3	.0	-1.9	-1	-5	Chain-type price index	1.5	2.6	2.3	1.7	2.7	1.3	-2							
Implicit price deflator	-1.4	.1	1.3	.0	-1.9	-1	-5	Implicit price deflator	1.5	2.6	2.4	1.7	2.7	1.3	-2							
<b>Structures:</b>													<b>Final sales to domestic purchasers:</b>									
Current dollars	4	10.6	20.6	12.7	19.3	-8.1	-7.4	Current dollars	6.8	7.7	5.3	4.5	6.0	2.1	-3							
Chain-type quantity index	-2.0	6.2	15.2	7.6	12.3	-12.2	-9.3	Chain-type quantity index	5.2	4.9	2.9	2.7	3.2	.8	-2							
Chain-type price index	2.5	4.1	4.7	4.7	6.2	4.7	2.1	Chain-type price index	1.5	2.6	2.3	1.8	2.6	1.3	-2							
Implicit price deflator	2.5	4.1	4.7	4.7	6.2	4.7	2.1	Implicit price deflator	1.5	2.6	2.3	1.8	2.7	1.3	-2							
<b>Equipment and software:</b>													<b>Gross national product:</b>									
Current dollars	8.8	9.9	4.9	-2.6	-8.6	-16.9	-10.6	Current dollars	5.5	6.5	3.2	4.6	4.0	2.4	1.3							
Chain-type quantity index	11.8	11.1	4.7	-1.1	-4.1	-15.4	-9.3	Chain-type quantity index	4.0	4.1	1.3	2.8	.8	.3	-9							
Chain-type price index	-2.6	-1.1	.2	-1.5	-4.6	-1.9	-1.4	Chain-type price index	1.4	2.3	1.9	1.8	3.2	2.1	2.2							
Implicit price deflator	-2.6	-1.1	.2	-1.5	-4.6	-1.9	-1.4	Implicit price deflator	1.4	2.3	1.9	1.8	3.2	2.1	2.1							
<b>Residential:</b>													<b>Command-basis gross national product:</b>									
Current dollars	10.7	5.3	-7.0	2.3	13.5	8.7	4.1	Current dollars	3.9	3.8	.9	2.8	1.1	.9	1.1							
Chain-type quantity index	6.7	.8	-10.4	-1.1	8.5	5.9	2.5	Chain-type quantity index														
Chain-type price index	3.8	4.5	3.7	3.5	4.6	2.6	1.6	Chain-type price index														
Implicit price deflator	3.8	4.5	3.7	3.5	4.6	2.6	1.6	Implicit price deflator														
<b>Exports of goods and services:</b>													<b>Disposable personal income:</b>									
Current dollars	2.6	11.4	12.0	-3.5	-1.3	-12.8	-19.2	Current dollars	4.1	6.2	5.1	6.3	6.0	3.8	12.1							
Chain-type quantity index	3.2	9.5	10.6	-4.0	-1.2	-11.9	-17.7	Chained (1996) dollars	2.5	3.5	2.6	4.2	2.7	2.4	12.5							
Chain-type price index	-6	1.8	1.3	.5	-1	-1.0	-1.8	<b>Final sales of computers: 1</b>														
Implicit price deflator	-6	1.8	1.3	.5	-1	-1.0	-1.8	Current dollars	2.6	24.8	16.0	15.0	-30.2	-39.6	-29.1							
<b>Exports of goods:</b>													<b>Gross domestic product less final sales of computers:</b>									
Current dollars	2.5	12.5	18.7	-6.6	-2.7	-18.6	-21.3	Current dollars	5.6	6.3	3.1	3.6	5.1	3.0	1.4							
Chain-type quantity index	3.9	11.3	18.3	-6.9	-2.4	-17.3	-19.5	Chain-type quantity index	3.8	3.7	1.0	1.6	1.2	.6	-1.0							
Chain-type price index	-1.4	1.1	.3	.4	-4	-1.5	-2.2	Chain-type price index	1.8	2.5	2.1	1.9	3.8	2.3	2.4							
Implicit price deflator	-1.4	1.1	.3	.4	-4	-1.5	-2.2	Implicit price deflator	1.8	2.5	2.1	1.9	3.8	2.3	2.4							
<b>Exports of services:</b>													<b>Gross domestic purchases less final sales of computers:</b>									
Current dollars	2.8	8.8	-3.2	4.6	2.3	2.6	-14.1	Current dollars	6.5	7.4	4.3	4.0	3.9	2.3	-6							
Chain-type quantity index	1.6	5.3	-6.7	3.7	1.8	2.4	-13.5	Chain-type quantity index	4.5	4.4	1.6	2.0	.6	.7	-7							
Chain-type price index	1.2	3.4	3.7	.9	.5	.2	-7	Chain-type price index	1.9	2.9	2.6	2.0	3.3	1.6	.1							
Implicit price deflator	1.2	3.4	3.7	.9	.5	.2	-7	Implicit price deflator	1.9	2.9	2.6	2.0	3.3	1.6	.1							
<b>Imports of goods and services:</b>													<b>Chain-type price indexes for gross domestic product:</b>									
Current dollars	11.1	18.2	18.0	.0	-7.8	-13.9	-27.7	Food	1.9	2.3	3.1	2.2	4.0	2.8	4.4							
Chain-type quantity index	10.5	13.4	13.0	-.5	-5.0	-8.4	-12.9	Energy goods and services	-1.4	4.9	-1.6	5.0	36.4	28.3	-17.7							
Chain-type price index	.6	4.3	4.4	.4	-3.0	-6.0	-17.0	Gross domestic product less food and energy	1.4	2.2	1.9	1.6	2.2	1.2	2.7							
Implicit price deflator	.6	4.3	4.5	.5	-3.0	-6.0	-17.0	<b>Chain-type price indexes for gross domestic purchases:</b>														
<b>Imports of goods:</b>													Food									
Current dollars	12.6	18.9	17.6	.3	-10.5	-15.3	-16.0	Energy goods and services	2.0	2.3	3.6	1.6	4.1	2.6	3.7							
Chain-type quantity index	12.4	13.5	12.3	-.6	-6.7	-9.5	-9.7	Gross domestic purchases less food and energy	4.2	18.9	13.8	11.3	9.3	6.1	-20.9							
Chain-type price index	.2	4.8	4.7	.9	-4.1	-6.4	-7.0															
Implicit price deflator	.2	4.8	4.8	.9	-4.1	-6.4	-7.0															

1. For some components of final sales of computers, includes computer parts.  
NOTE.— Contributions to the percent change in real gross domestic product are shown in table 8.2.

Table 8.2.—Contributions to Percent Change in Real Gross Domestic Product

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Percent change at annual rate:</b>							
Gross domestic product.....	4.1	4.1	1.3	1.9	1.3	.3	-1.1
<b>Percentage points at annual rates:</b>							
<b>Personal consumption expenditures</b>	3.35	3.28	2.88	2.14	2.05	1.72	.78
Durable goods.....	.97	.77	.65	-.17	.83	.56	.06
Motor vehicles and parts.....	.40	.22	.33	-.29	.52	.19	-.02
Furniture and household equipment.....	.41	.38	.21	.08	.23	.29	.09
Other.....	.16	.17	.11	.04	.08	.08	-.01
Nondurable goods.....	.93	.94	.84	.12	.49	.06	.11
Food.....	.34	.38	.21	.01	.04	-.05	-.08
Clothing and shoes.....	.24	.24	.25	.01	.10	.06	.02
Gasoline, fuel oil, and other energy goods.....	.05	-.01	.06	-.03	.09	-.13	.10
Other.....	.30	.33	.32	.14	.26	.18	.07
Services.....	1.45	1.57	1.38	2.19	.73	1.10	.61
Housing.....	.28	.22	.18	.21	.22	.16	.16
Household operation.....	.17	.21	.17	.57	-.04	-.22	.09
Electricity and gas.....	.01	.05	-.05	.37	-.19	-.24	.00
Other household operation.....	.15	.16	.22	.20	.15	.01	.08
Transportation.....	.11	.08	.05	.09	.03	-.01	-.10
Medical care.....	.24	.30	.23	.37	.29	.46	.38
Recreation.....	.13	.09	.01	.06	.17	.03	-.06
Other.....	.52	.67	.75	.89	.07	.68	.15
<b>Gross private domestic investment</b>	1.14	1.19	-.51	-.42	-2.28	-2.16	-1.83
Fixed investment.....	1.29	1.28	.44	.09	.33	-1.74	-1.08
Nonresidential.....	1.01	1.25	.91	.13	-.02	-1.99	-1.19
Structures.....	-.07	.19	.45	.24	.39	-.44	-.32
Equipment and software.....	1.08	1.06	.46	-.11	-.41	-1.55	-.87
Information processing equipment and software.....	.72	.86	.61	.64	-.62	-.95	-.49
Computers and peripheral equipment.....	.35	.36	.32	.18	-.04	-.34	-.25
Software <sup>1</sup> .....	.22	.21	.24	.25	-.12	-.07	.04
Other.....	.15	.30	.04	.20	-.46	-.54	-.28
Industrial equipment.....	.01	.18	.19	.02	.21	-.39	-.40
Transportation equipment.....	.33	-.05	-.31	-.70	.05	-.12	-.03
Other.....	.02	.07	-.03	-.07	-.04	-.09	.05
Residential.....	.28	.04	-.47	-.05	.35	.25	.11
<b>Change in private inventories</b>	-.15	-.09	-.95	-.50	-2.61	-.42	-.75
Farm.....	-.03	.00	-.20	.18	.01	-.10	-.01
Nonfarm.....	-.12	-.09	-.75	-.68	-2.61	-.32	-.74
<b>Net exports of goods and services</b>	-.98	-.79	-.70	-.39	.63	-.12	-.16
Exports.....	.35	1.01	1.13	-.46	-.13	-1.37	-2.01
Goods.....	.30	.85	1.36	-.58	-.19	-1.45	-1.55
Services.....	.05	.17	-.22	.12	.06	.08	-.45
Imports.....	-1.33	-1.81	-1.84	.07	.76	1.25	1.85
Goods.....	-1.31	-1.54	-1.48	.07	.87	1.21	1.17
Services.....	-.02	-.26	-.36	.00	-.11	.05	.68
<b>Government consumption expenditures and gross investment</b>	.58	.47	-.32	.58	.92	.87	.14
Federal.....	.13	.10	-.66	.27	.19	.11	.16
National defense.....	.08	.00	-.42	.38	.28	.09	.10
Consumption expenditures.....	.05	.00	-.34	.13	.37	.01	.10
Gross investment.....	.03	.01	-.08	.24	-.09	.08	.00
Nondefense.....	.05	.10	-.24	-.11	-.09	.02	.06
Consumption expenditures.....	.00	.09	-.16	-.13	-.10	.02	-.02
Gross investment.....	.05	.00	-.08	.02	.01	.00	.08
State and local.....	.44	.37	.34	.31	.73	.76	-.02
Consumption expenditures.....	.27	.32	.29	.27	.39	.35	.40
Gross investment.....	.17	.05	.06	.04	.34	.41	-.42
<b>Addenda:</b>							
Goods.....	2.06	2.15	.76	-.90	-.95	-1.33	-1.66
Services.....	1.71	1.78	.60	2.60	1.18	1.45	1.22
Structures.....	.31	.21	-.02	.21	1.09	.19	-.62
Motor vehicle output.....	.43	-.03	-.51	-.77	-.59	.70	.18
Final sales of computers <sup>2</sup> .....	.36	.45	.37	.30	.10	-.31	-.09

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

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Percent change at annual rate:</b>							
Personal consumption expenditures.....	5.0	4.8	4.3	3.1	3.0	2.5	1.1
<b>Percentage points at annual rates:</b>							
<b>Durable goods</b>	1.46	1.13	.97	-.25	1.22	.81	.09
Motor vehicles and parts.....	.60	.32	.50	-.43	.76	.28	-.03
Furniture and household equipment.....	.62	.56	.31	.12	.33	.42	.14
Other.....	.24	.25	.16	.06	.12	.11	-.02
<b>Nondurable goods</b>	1.39	1.39	1.25	.18	.72	.09	.15
Food.....	.51	.57	.31	.02	.06	-.07	-.12
Clothing and shoes.....	.36	.35	.37	.01	.15	.08	.03
Gasoline, fuel oil, and other energy goods.....	.08	-.02	.10	-.05	.13	-.18	.14
Gasoline and oil.....	.08	.00	.09	-.03	.13	-.09	.13
Fuel oil and coal.....	.00	-.01	.01	-.02	.00	-.09	.01
Other.....	.45	.49	.48	.20	.38	.26	.10
<b>Services</b>	2.16	2.32	2.07	3.22	1.08	1.62	.89
Housing.....	.42	.32	.27	.32	.32	.24	.23
Household operation.....	.25	.31	.26	.83	-.06	-.32	.13
Electricity and gas.....	.02	.07	-.07	.54	-.28	-.34	.01
Other household operation.....	.23	.24	.32	.29	.22	.02	.12
Transportation.....	.17	.12	.07	.14	.04	-.02	-.14
Medical care.....	.36	.45	.35	.54	.43	.68	.55
Recreation.....	.19	.13	.02	.09	.24	.04	-.09
Other.....	.78	.99	1.11	1.31	1.0	1.00	.21
<b>Addenda:</b>							
Energy goods and services <sup>1</sup> .....	.10	.05	.03	.49	-.15	-.53	.15
Personal consumption expenditures less food and energy.....	4.40	4.23	3.96	2.64	3.11	3.12	1.10

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**

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Percent change at annual rate:</b>							
Private fixed investment.....	7.8	7.6	2.5	.5	1.9	-9.7	-6.3
<b>Percentage points at annual rates:</b>							
<b>Nonresidential</b> .....	<b>6.10</b>	<b>7.36</b>	<b>5.24</b>	<b>.74</b>	<b>-1.1</b>	<b>-11.28</b>	<b>-7.00</b>
Structures.....	-39	1.13	2.58	1.38	2.25	-2.48	-1.88
Nonresidential buildings, including farm.....	-21	.67	.97	.42	.79	-2.79	-3.44
Utilities.....	.21	.19	.64	1.12	.63	-.26	-1.25
Mining exploration, shafts, and wells.....	-40	.25	.77	-1.4	1.00	.66	-1.13
Other structures.....	.01	.02	.20	-.03	-.17	-.09	2.94
<b>Equipment and software</b> .....	<b>6.49</b>	<b>6.23</b>	<b>2.66</b>	<b>-.64</b>	<b>-2.36</b>	<b>-8.80</b>	<b>-5.12</b>
Information processing equipment and software.....	4.31	5.07	3.48	3.64	-3.59	-5.44	-2.92
Computers and peripheral equipment <sup>1</sup> .....	2.11	2.10	1.82	1.04	-.25	-1.96	-1.47
Software <sup>2</sup> .....	1.31	1.23	1.40	1.43	-.71	-.36	.24
Other.....	.89	1.74	.25	1.17	-2.63	-3.11	-1.68
Industrial equipment.....	.06	1.04	1.10	.13	1.21	-2.21	-2.39
Transportation equipment.....	2.01	-.31	-1.78	-4.00	.28	-.66	-1.14
Other.....	.11	.43	-.14	-.42	-.26	-.50	.32
<b>Residential</b> .....	<b>1.70</b>	<b>.22</b>	<b>-2.69</b>	<b>-.27</b>	<b>2.03</b>	<b>1.55</b>	<b>.68</b>
Structures.....	1.65	.18	-2.70	-.28	2.02	1.54	.70
Single family.....	.96	.14	-2.34	-.33	1.66	.50	.25
Multifamily.....	.14	-.05	-.57	.20	.30	.30	.08
Other structures.....	.56	.09	.21	-.15	.06	.74	-.36
<b>Equipment</b> .....	<b>.05</b>	<b>.04</b>	<b>.00</b>	<b>.01</b>	<b>.00</b>	<b>.02</b>	<b>-.02</b>

1. Includes new computers and peripheral equipment only.

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

NOTE.—The quantity indexes on which the estimates in this table are based are shown in table 7.6. The estimates in this table differ from those in table 8.2 because this table shows contributions to real private fixed investment, whereas table 8.2 shows contributions to real gross domestic product.

**Table 8.5.—Contributions to Percent Change in Real Exports and in Real Imports of Goods and Services by Type of Product**

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Percent change at annual rate:</b>							
Exports of goods and services.....	3.2	9.5	10.6	-4.0	-1.2	-11.9	-17.7
<b>Percentage points at annual rates:</b>							
<b>Exports of goods<sup>1</sup></b> .....	<b>2.77</b>	<b>7.93</b>	<b>12.45</b>	<b>-5.05</b>	<b>-1.69</b>	<b>-12.80</b>	<b>-13.84</b>
Foods, feeds, and beverages.....	.13	.27	1.33	-.88	.64	-.24	-.46
Industrial supplies and materials.....	.12	1.47	2.92	-.17	-1.21	-2.01	-.56
Capital goods, except automotive.....	1.70	4.80	5.93	-2.95	.28	-12.11	-9.51
Automotive vehicles, engines, and parts.....	.23	.44	-.01	-1.18	-1.97	1.59	.45
Consumer goods, except automotive.....	.20	.82	.77	-.52	1.23	-.02	-2.78
Other.....	.37	.13	1.50	.65	-.65	-.01	-.97
<b>Exports of services<sup>1</sup></b> .....	<b>.47</b>	<b>1.57</b>	<b>-1.89</b>	<b>1.03</b>	<b>.51</b>	<b>.87</b>	<b>-3.89</b>
<b>Percent change at annual rate:</b>							
Imports of goods and services.....	10.5	13.4	13.0	-.5	-5.0	-8.4	-12.9
<b>Percentage points at annual rates:</b>							
<b>Imports of goods<sup>1</sup></b> .....	<b>10.30</b>	<b>11.42</b>	<b>10.44</b>	<b>-.52</b>	<b>-5.82</b>	<b>-8.11</b>	<b>-7.99</b>
Foods, feeds, and beverages.....	.34	.24	.42	-.04	-.17	.21	.84
Industrial supplies and materials, except petroleum and products.....	.60	.83	.42	-.62	-.63	.47	.00
Petroleum and products.....	.03	.40	-.37	-.68	1.95	.36	-2.56
Capital goods, except automotive.....	3.43	4.65	4.32	.48	-2.72	-11.45	-5.20
Automotive vehicles, engines, and parts.....	2.60	1.23	.68	-1.43	-1.63	1.37	.67
Consumer goods, except automotive.....	2.35	3.32	1.87	1.90	-.21	-1.16	-1.51
Other.....	.95	.74	3.10	-.13	-2.42	2.10	-.23
<b>Imports of services<sup>1</sup></b> .....	<b>.18</b>	<b>1.94</b>	<b>2.53</b>	<b>.01</b>	<b>.74</b>	<b>-.28</b>	<b>-4.90</b>

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

NOTE.—The quantity indexes on which the estimates in this table are based are shown in table 7.10. The estimates in this table differ from those in table 8.2 because this table shows contributions to real exports and to real imports, whereas table 8.2 shows contributions to real gross domestic product. Because imports are subtracted in the calculation of gross domestic product, the contributions of components of real imports have opposite signs in this table and in table 8.2.

**Table 8.6.—Contributions to Percent Change in Real Government Consumption Expenditures and Gross Investment by Type**

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Percent change at annual rate:</b>							
Government consumption expenditures and gross investment <sup>1</sup> .....	3.3	2.7	-1.8	3.3	5.3	5.0	.8
<b>Percentage points at annual rates:</b>							
<b>Federal</b> .....	<b>.75</b>	<b>.58</b>	<b>-3.75</b>	<b>1.52</b>	<b>1.10</b>	<b>.63</b>	<b>.88</b>
<b>National defense</b> .....	<b>.46</b>	<b>.03</b>	<b>-2.37</b>	<b>2.15</b>	<b>1.61</b>	<b>.51</b>	<b>.56</b>
Consumption expenditures.....	.27	-.01	-1.90	.77	2.10	.06	.57
Durable goods.....	.07	.01	-.12	.22	-.05	.25	.31
Nondurable goods.....	.05	.03	-.24	-.15	.06	.34	-.06
Services.....	.15	-.05	-1.54	.71	2.10	-.53	.31
Compensation of general government employees, except own-account investment <sup>3</sup> .....	-.23	-.04	.22	-.07	-.26	.03	.28
Consumption of general government fixed capital <sup>4</sup> .....	.00	.01	.01	.01	.02	.02	.04
Other services.....	.38	-.01	-1.77	.77	2.33	-.59	-.01
Gross investment.....	.19	.04	-.47	1.38	-.49	.46	-.01
Structures.....	-.02	-.01	.06	-.08	-.02	.00	-.12
Equipment and software.....	.21	.05	-.53	1.47	-.48	.45	.11
<b>Nondefense</b> .....	<b>.29</b>	<b>.56</b>	<b>-1.38</b>	<b>-.63</b>	<b>-.52</b>	<b>.12</b>	<b>.33</b>
Consumption expenditures.....	-.02	.53	-.92	-.74	-.57	.13	-.14
Durable goods.....	.09	.02	-.01	.05	-.06	-.01	-.03
Nondurable goods.....	-.16	.07	-.04	-.61	.47	-.12	-.13
Services.....	.06	.44	-.87	-.18	-.99	.26	.02
Compensation of general government employees, except own-account investment <sup>3</sup> .....	.03	.16	-.92	-.23	.17	.04	.24
Consumption of general government fixed capital <sup>4</sup> .....	.16	.15	.13	.13	.11	.12	.13
Other services.....	-.13	.13	-.08	-.08	-1.27	.09	-.34
Gross investment.....	.31	.03	-.46	.11	.05	-.01	.46
Structures.....	.00	-.07	-.09	.15	.07	-.21	.04
Equipment and software.....	.31	.10	-.37	-.04	-.02	.19	.42
<b>State and local</b> .....	<b>2.51</b>	<b>2.08</b>	<b>1.94</b>	<b>1.78</b>	<b>4.21</b>	<b>4.33</b>	<b>-.08</b>
Consumption expenditures.....	1.54	1.78	1.62	1.57	2.29	2.04	2.25
Durable goods.....	.06	.06	.06	.06	.07	.06	.06
Nondurable goods.....	.34	.38	.32	.34	.39	.39	.38
Services.....	1.14	1.34	1.24	1.17	1.83	1.58	1.80
Compensation of general government employees, except own-account investment <sup>3</sup> .....	.43	.74	.73	.58	1.10	.91	1.05
Consumption of general government fixed capital <sup>4</sup> .....	.29	.29	.28	.28	.28	.28	.27
Other services.....	.42	.32	.23	.30	.45	.39	.48
Gross investment.....	.97	.30	.32	.21	1.93	2.29	-2.33
Structures.....	.61	.04	.06	.01	1.95	2.38	-2.21
Equipment and software.....	.36	.25	.25	.20	-.02	-.09	-.12

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

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

3. Compensation of government employees engaged in new own-account investment and related expenditures for goods and services are classified as investment in structures and in software.

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

NOTE.—The quantity indexes on which the estimates in this table are based are shown in table 7.11. The estimates in this table differ from those in table 8.2 because this table shows contributions to real government consumption expenditures and gross investment, whereas table 8.2 shows contributions to real gross domestic product.

**Table 8.7.—Selected Per Capita Product and Income Series in Current and Chained Dollars**  
[Dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Current dollars:</b>							
Gross domestic product.....	33,204	34,950	35,124	35,330	35,637	35,746	35,723
Gross national product.....	33,179	34,907	35,060	35,345	35,601	35,705	35,699
Personal income.....	27,861	29,450	29,625	30,016	30,361	30,533	30,634
Disposable personal income.....	23,708	24,889	25,029	25,331	25,634	25,798	26,459
Personal consumption expenditures.....	22,391	23,818	23,984	24,209	24,519	24,682	24,652
Durable goods.....	2,726	2,902	2,917	2,884	2,945	2,960	2,934
Nondurable goods.....	6,561	7,043	7,113	7,135	7,193	7,226	7,184
Services.....	13,104	13,874	13,953	14,190	14,381	14,496	14,533
<b>Chained (1996) dollars:</b>							
Gross domestic product.....	31,727	32,653	32,730	32,779	32,801	32,730	32,535
Gross national product.....	31,715	32,626	32,685	32,806	32,782	32,708	32,530
Disposable personal income.....	22,641	23,148	23,209	23,376	23,470	23,541	24,163
Personal consumption expenditures.....	21,381	22,152	22,240	22,341	22,449	22,523	22,512
Durable goods.....	2,930	3,170	3,196	3,169	3,241	3,287	3,282
Nondurable goods.....	6,328	6,549	6,589	6,577	6,599	6,585	6,571
Services.....	12,156	12,488	12,513	12,644	12,668	12,717	12,723
Population (mid-period, thousands).....	279,144	282,489	282,923	283,838	284,582	285,418	286,360

Note: Effective with this release, the estimates of population beginning with 1991 are revised to reflect the 2000 population count that was released in March 2001 by the Bureau of the Census.

**Table 8.8B.—Motor Vehicle Output**  
[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Motor vehicle output</b> .....	<b>353.5</b>	<b>353.0</b>	<b>351.4</b>	<b>332.1</b>	<b>315.5</b>	<b>331.5</b>	<b>336.6</b>
Auto output.....	124.5	118.5	120.7	108.6	105.5	113.6	114.9
Truck output <sup>1</sup> .....	229.1	234.5	230.7	223.5	210.0	217.9	221.8
<b>Final sales of domestic product</b> .....	<b>343.5</b>	<b>346.9</b>	<b>347.3</b>	<b>325.3</b>	<b>339.9</b>	<b>340.5</b>	<b>333.1</b>
<b>Personal consumption expenditures</b> .....							
New motor vehicles.....	201.9	218.4	219.1	214.7	226.2	226.6	227.6
Autos.....	98.0	105.0	103.3	101.9	105.7	102.5	99.8
Light trucks.....	103.9	113.4	115.8	112.7	120.5	124.0	127.8
Net purchases of used autos.....	57.6	59.1	60.7	59.4	62.4	62.9	59.1
<b>Private fixed investment</b> .....							
New motor vehicles.....	198.0	194.6	195.4	177.4	179.1	177.0	167.9
Autos.....	79.2	77.6	77.5	73.8	76.6	76.1	70.2
Trucks.....	118.8	117.0	117.9	103.6	102.5	101.0	97.7
Light trucks.....	81.2	84.2	86.1	76.5	77.9	76.8	74.8
Other.....	37.6	32.8	31.7	27.1	24.6	24.2	22.9
Net purchases of used autos.....	-35.8	-36.6	-37.2	-36.3	-39.0	-38.7	-34.3
<b>Gross government investment</b> .....							
Autos.....	3.9	3.9	4.2	3.9	3.2	4.0	4.1
New trucks.....	8.9	9.3	8.4	9.8	10.2	9.4	8.8
<b>Net exports</b> .....							
Exports.....	25.3	26.1	25.9	24.5	22.3	25.7	27.7
Autos.....	16.5	16.7	16.6	15.6	15.1	17.8	20.1
Trucks.....	8.8	9.4	9.3	8.9	7.2	8.0	7.7
Imports.....	116.3	127.8	129.3	128.0	124.5	126.3	127.8
Autos.....	96.3	109.2	111.0	112.1	109.1	106.7	106.5
Trucks.....	20.0	18.6	18.3	15.8	15.5	19.6	21.3
<b>Change in private inventories</b> .....							
Autos.....	1.3	2.1	6.6	2.5	-9.4	-4.2	2.4
New.....	1.2	1.3	6.6	1.9	-10.5	-4.7	2.0
Domestic.....	-1.1	.8	6.3	.9	-12.0	-4.2	.8
Foreign.....	1.3	.6	.4	1.0	1.5	-.4	1.2
Used.....	.2	.8	-.1	.5	1.1	.4	.4
New trucks.....	8.7	4.1	-2.4	4.4	-15.0	-4.8	1.1
Domestic.....	8.3	3.2	-1.0	1.1	-13.8	-3.8	1.6
Foreign.....	.5	.9	-1.4	3.3	-1.2	-1.0	-.4
<b>Addenda:</b>							
Final sales of motor vehicles to domestic purchasers.....	434.5	448.6	450.6	428.7	442.1	441.1	433.2
Private fixed investment in new autos and new light trucks.....	160.3	161.8	163.7	150.2	154.5	152.9	145.0
Domestic output of new autos <sup>2</sup> .....	116.5	117.5	121.0	109.8	108.0	111.0	112.8
Sales of imported new autos <sup>3</sup> .....	78.8	84.2	83.6	84.0	80.9	83.9	79.9

1. Except for exports and imports, consists of new trucks only.  
2. Consists of final sales and change in private inventories of new autos assembled in the United States.  
3. Consists of personal consumption expenditures, private fixed investment, and gross government investment.

**Table 8.9B.—Real Motor Vehicle Output**  
[Billions of chained (1996) dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
<b>Motor vehicle output</b> .....	<b>356.2</b>	<b>353.8</b>	<b>352.2</b>	<b>333.1</b>	<b>318.1</b>	<b>336.1</b>	<b>340.8</b>
Auto output.....	128.5	121.6	123.7	111.8	108.5	117.1	119.3
Truck output <sup>1</sup> .....	227.2	231.5	227.8	220.3	208.7	218.2	220.8
<b>Final sales of domestic product</b> .....	<b>346.5</b>	<b>348.2</b>	<b>347.7</b>	<b>326.0</b>	<b>342.4</b>	<b>344.7</b>	<b>336.7</b>
<b>Personal consumption expenditures</b> .....							
New motor vehicles.....	201.8	218.6	219.2	215.2	226.8	228.1	230.0
Autos.....	99.5	106.6	104.7	103.5	107.6	104.6	102.1
Light trucks.....	102.2	111.8	114.2	111.5	118.9	123.1	127.4
Net purchases of used autos.....	59.7	59.6	61.4	59.1	60.6	61.5	58.4
<b>Private fixed investment</b> .....							
New motor vehicles.....	199.2	194.7	194.9	176.7	180.5	179.2	168.4
Autos.....	80.4	78.8	78.5	74.9	78.0	77.6	71.8
Trucks.....	118.9	116.0	116.5	101.9	102.7	101.9	96.8
Light trucks.....	82.5	84.8	86.4	76.4	79.7	79.4	75.6
Other.....	36.5	31.4	30.4	25.8	23.5	23.0	21.6
Net purchases of used autos.....	-37.5	-37.5	-38.2	-36.7	-38.5	-38.6	-34.7
<b>Gross government investment</b> .....							
Autos.....	3.8	3.7	4.0	3.7	3.1	3.9	4.1
New trucks.....	8.9	9.3	8.4	9.7	10.3	9.5	8.8
<b>Net exports</b> .....							
Exports.....	24.5	24.9	24.6	23.3	21.1	24.4	26.2
Autos.....	16.1	16.2	16.0	15.1	14.5	17.1	19.3
Trucks.....	8.4	8.7	8.6	8.2	6.7	7.3	7.1
Imports.....	113.3	124.2	125.7	124.1	120.6	122.6	123.8
Autos.....	94.0	106.5	108.3	109.2	106.0	104.0	103.7
Trucks.....	19.3	17.8	17.4	15.0	14.6	18.6	20.1
<b>Change in private inventories</b> .....							
Autos.....	1.4	2.1	6.7	2.5	-9.5	-4.2	2.4
New.....	1.2	1.3	6.7	2.0	-10.7	-4.7	2.0
Domestic.....	-1.1	.8	6.4	.9	-12.3	-4.3	.8
Foreign.....	1.2	.5	.3	1.0	1.5	-.4	1.1
Used.....	.2	.8	-.1	.5	1.1	.4	.4
New trucks.....	7.3	3.4	-1.9	3.6	-12.1	-3.8	.9
Domestic.....	6.8	2.6	-.7	.9	-11.0	-3.0	1.2
Foreign.....	.5	.8	-1.3	3.1	-1.1	-.9	-.4
Residual.....	.4	-.8	-1.1	-.3	-3.9	-1.5	.0
<b>Addenda:</b>							
Final sales of motor vehicles to domestic purchasers.....	435.9	448.3	449.7	427.7	442.7	443.6	435.0
Private fixed investment in new autos and new light trucks.....	162.7	163.4	164.8	151.2	157.5	156.7	147.3
Domestic output of new autos <sup>2</sup> .....	117.4	118.3	122.0	111.2	109.5	112.8	114.9
Sales of imported new autos <sup>3</sup> .....	79.9	85.5	84.7	85.4	82.3	85.6	81.7

1. Except for exports and imports, consists of new trucks only.  
2. Consists of final sales and change in private inventories of new autos assembled in the United States.  
3. Consists of personal consumption expenditures, private fixed investment, and gross government investment.

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

Chain-type quantity indexes for the series in this table are shown in table 7.18B.

Table 8.30.—Contributions to Percent Change in the Gross Domestic Purchases Price Index

	1999	2000	Seasonally adjusted at annual rates					
			2000		2001			
			III	IV	I	II	III	
<b>Percent change at annual rate:</b>								
<b>Gross domestic purchases</b> .....	<b>1.5</b>	<b>2.6</b>	<b>2.3</b>	<b>1.7</b>	<b>2.7</b>	<b>1.3</b>	<b>-2</b>	
<b>Percentage points at annual rates:</b>								
<b>Personal consumption expenditures</b> .....	<b>1.07</b>	<b>1.76</b>	<b>1.57</b>	<b>1.28</b>	<b>2.12</b>	<b>.89</b>	<b>-2.0</b>	
Durable goods .....	-.20	-.13	-.18	-.09	-.06	-.29	-.23	
Motor vehicles and parts .....	.01	.02	-.02	.03	.09	-.05	-.06	
Furniture and household equipment .....	-.18	-.14	-.13	-.15	-.18	-.22	-.16	
Other .....	-.03	-.01	-.03	.03	.04	-.02	-.01	
Nondurable goods .....	.45	.72	.53	.38	.38	.52	-.29	
Food .....	.19	.22	.34	.15	.37	.24	.35	
Clothing and shoes .....	-.05	-.04	-.06	.07	-.02	-.18	-.17	
Gasoline, fuel oil, and other energy goods .....	.11	.42	.14	.13	-.10	.31	-.66	
Other .....	.20	.12	.11	.03	.12	.15	.19	
Services .....	.83	1.17	1.21	.99	1.80	.65	.32	
Housing .....	.27	.30	.30	.32	.36	.43	.40	
Household operation .....	-.01	.06	.18	.20	.50	.00	-.13	
Electricity and gas .....	-.01	.08	.21	.20	.47	-.02	-.10	
Other household operation .....	.00	-.01	-.04	.00	.03	.02	-.03	
Transportation .....	.01	.08	.07	.08	.04	-.01	-.01	
Medical care .....	.21	.29	.38	.26	.48	.12	-.01	
Recreation .....	.07	.09	.11	.05	.09	.12	.06	
Other .....	.27	.34	.17	.08	.33	.00	.00	
<b>Gross private domestic investment</b> .....	<b>-.03</b>	<b>.19</b>	<b>.31</b>	<b>.11</b>	<b>.01</b>	<b>.06</b>	<b>.00</b>	
<b>Fixed investment</b> .....	<b>-.02</b>	<b>.20</b>	<b>.32</b>	<b>.14</b>	<b>-.05</b>	<b>.09</b>	<b>.01</b>	
Nonresidential .....	-.17	.02	.16	.00	-.24	-.02	-.05	
Structures .....	.08	.12	.14	.15	.20	.15	.07	
Equipment and software .....	-.25	-.11	.02	-.14	-.44	-.17	-.12	
Information processing equipment and software .....	-.29	-.14	-.06	-.17	-.40	-.20	-.22	
Computers and peripheral equipment .....	-.26	-.15	-.14	-.15	-.38	-.17	-.19	
Software .....	.01	.04	.10	.01	.01	.01	-.01	
Other .....	-.03	-.03	-.02	-.03	-.03	-.03	-.02	
Industrial equipment .....	.01	.01	.01	.00	.02	.01	-.01	
Transportation equipment .....	.02	.02	.05	.01	-.09	-.01	.09	
Other equipment .....	.02	.01	.01	.02	.03	.02	.01	
Residential .....	.16	.19	.15	.14	.19	.11	.07	
<b>Change in private inventories</b> .....	<b>-.01</b>	<b>-.01</b>	<b>.00</b>	<b>-.03</b>	<b>.07</b>	<b>-.03</b>	<b>-.01</b>	
Farm .....	.00	.00	.00	.00	.00	.00	-.01	
Nonfarm .....	-.01	-.01	.00	-.03	.07	-.03	.00	
<b>Government consumption expenditures and gross investment</b> .....	<b>.47</b>	<b>.66</b>	<b>.44</b>	<b>.33</b>	<b>.59</b>	<b>.31</b>	<b>.02</b>	
<b>Federal</b> .....	<b>.14</b>	<b>.17</b>	<b>.10</b>	<b>.02</b>	<b>.25</b>	<b>.07</b>	<b>.02</b>	
National defense .....	.09	.11	.08	.04	.13	.04	.02	
Consumption expenditures .....	.09	.11	.08	.03	.15	.04	.02	
Gross investment .....	.00	.00	.00	.00	-.01	.00	.00	
Nondefense .....	.05	.06	.02	-.01	.12	.03	.00	
Consumption expenditures .....	.05	.05	.01	-.02	.12	.03	.01	
Gross investment .....	.00	.01	.01	.01	.00	.00	.00	
<b>State and local</b> .....	<b>.33</b>	<b>.49</b>	<b>.34</b>	<b>.30</b>	<b>.34</b>	<b>.24</b>	<b>.00</b>	
Consumption expenditures .....	.28	.42	.29	.26	.26	.21	.00	
Gross investment .....	.04	.07	.06	.05	.08	.03	.01	
<b>Addenda:</b>								
Final sales of computers <sup>2</sup> .....	-.32	-.20	-.20	-.14	-.48	-.19	-.21	
Gross domestic purchases less final sales of computers .....	1.90	2.84	2.52	1.93	3.20	1.55	.11	
Food .....	.19	.22	.34	.15	.38	.25	.34	
Energy goods and services .....	.14	.63	.50	.42	.36	.25	-.94	
Gross domestic purchases less food and energy .....	1.19	1.75	1.47	1.14	1.95	.78	.43	

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.





## Annual Estimates

Except as noted for table B.3 below, these tables are derived from the NIPA tables that were published in the August and September 2001 issues of the SURVEY OF CURRENT BUSINESS, and the estimates reflect the most recent comprehensive and annual NIPA revisions.

Table B.3.—Gross Domestic Product by Industry, Current-Dollar and Real Estimates 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
<b>Gross domestic product</b> .....	<b>8,781.5</b>	<b>9,266.6</b>	<b>9,872.9</b>	<b>8,508.9</b>	<b>8,856.5</b>	<b>9,224.0</b>	Transportation services .....	28.0	29.9	32.3	27.8	29.8	30.6
<b>Private industries</b> .....	<b>7,678.2</b>	<b>8,116.9</b>	<b>8,656.5</b>	<b>7,490.6</b>	<b>7,852.7</b>	<b>8,177.6</b>	Communications .....	238.5	258.5	281.1	231.2	256.5	283.9
<b>Agriculture, forestry, and fishing</b> .....	<b>128.0</b>	<b>127.2</b>	<b>135.8</b>	<b>145.5</b>	<b>153.4</b>	<b>166.3</b>	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
<b>Mining</b> .....	<b>100.2</b>	<b>103.3</b>	<b>127.1</b>	<b>119.7</b>	<b>112.0</b>	<b>95.2</b>	<b>Wholesale trade</b> .....	<b>607.9</b>	<b>633.5</b>	<b>674.1</b>	<b>663.3</b>	<b>688.8</b>	<b>708.4</b>
Metal mining .....	5.4	5.0	4.9	7.7	8.2	7.4	<b>Retail trade</b> .....	<b>790.4</b>	<b>834.9</b>	<b>893.9</b>	<b>800.0</b>	<b>843.7</b>	<b>905.7</b>
Coal mining .....	10.7	10.6	10.1	11.9	13.5	13.5	<b>Finance, insurance, and real estate</b> .....	<b>1,708.5</b>	<b>1,810.6</b>	<b>1,936.2</b>	<b>1,622.1</b>	<b>1,713.5</b>	<b>1,809.5</b>
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
<b>Construction</b> .....	<b>380.8</b>	<b>425.5</b>	<b>463.6</b>	<b>348.9</b>	<b>370.0</b>	<b>379.3</b>	Security and commodity brokers .....	143.9	138.8	144.2	163.2	210.0	290.7
<b>Manufacturing</b> .....	<b>1,431.5</b>	<b>1,496.8</b>	<b>1,566.6</b>	<b>1,444.3</b>	<b>1,532.1</b>	<b>1,594.6</b>	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	<b>Services</b> .....	<b>1,829.9</b>	<b>1,980.9</b>	<b>2,164.6</b>	<b>1,699.0</b>	<b>1,774.8</b>	<b>1,865.2</b>
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
Non-durable 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	<b>Statistical discrepancy</b> <sup>1</sup> .....	<b>-31.0</b>	<b>-72.7</b>	<b>-130.4</b>	<b>-30.1</b>	<b>-69.9</b>	<b>-123.0</b>
Rubber and miscellaneous plastics products .....	56.8	59.3	60.2	55.6	58.2	59.8	<b>Government</b> .....	<b>1,103.3</b>	<b>1,151.7</b>	<b>1,216.4</b>	<b>1,047.3</b>	<b>1,060.7</b>	<b>1,085.4</b>
Leather and leather products .....	4.1	3.9	4.0	3.8	3.7	3.9	<b>Federal</b> .....	<b>359.9</b>	<b>369.7</b>	<b>387.0</b>	<b>347.6</b>	<b>346.5</b>	<b>353.0</b>
<b>Transportation and public utilities</b> .....	<b>732.0</b>	<b>776.8</b>	<b>825.0</b>	<b>683.1</b>	<b>737.2</b>	<b>781.5</b>	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	<b>State and local</b> .....	<b>743.4</b>	<b>782.0</b>	<b>829.5</b>	<b>699.7</b>	<b>714.0</b>	<b>732.2</b>
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	<b>Not allocated by industry</b> <sup>2</sup> .....				<b>-48.9</b>	<b>-110.6</b>	<b>-170.7</b>
Transportation by air .....	85.8	90.2	93.0	76.8	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

Table with columns for Billions of dollars (1998, 1999, 2000) and Billions of chained (1996) dollars (1998, 1999, 2000). Rows include Personal consumption expenditures, Food and tobacco, Clothing, accessories, and jewelry, Personal care, Housing, Household operation, Medical care, Education and research, Religious and welfare activities, Foreign travel and other, net, and Residual.

1. Consists of purchases (including tips) of meals and beverages from retail, service, and amusement establishments... 2. Includes luggage. 3. Consists of watch, clock, and jewelry repairs, costume and dress suit rental, and miscellaneous personal services. ...

Table B.5.—Private Fixed Investment in Structures by Type

	Billions of dollars			Billions of chained (1996) dollars		
	1998	1999	2000	1998	1999	2000
<b>Private fixed investment in structures</b> .....	<b>638.5</b>	<b>678.2</b>	<b>729.2</b>	<b>599.0</b>	<b>616.0</b>	<b>634.5</b>
<b>Nonresidential</b> .....	<b>282.4</b>	<b>283.5</b>	<b>313.6</b>	<b>262.2</b>	<b>256.9</b>	<b>272.8</b>
New .....	281.7	282.9	312.8	261.5	256.2	272.0
Nonresidential buildings, excluding farm .....	197.2	201.9	221.8	184.3	181.0	190.4
Industrial .....	35.6	28.7	30.2	33.3	25.8	26.0
Commercial .....	100.7	110.1	123.9	94.1	98.7	106.4
Office buildings <sup>1</sup> .....	49.1	55.4	64.8	45.9	49.6	55.6
Other <sup>2</sup> .....	51.6	54.7	59.1	48.2	49.1	50.8
Religious .....	6.4	7.2	7.9	6.0	6.4	6.7
Educational .....	10.9	10.4	12.4	10.2	9.3	10.7
Hospital and institutional .....	15.4	15.1	16.2	14.4	13.5	13.9
Other <sup>3</sup> .....	28.2	30.4	31.2	26.3	27.2	28.8
Utilities .....	44.2	47.2	51.7	42.7	45.7	48.5
Railroads .....	5.7	4.7	4.2	5.5	4.7	4.2
Telecommunications .....	12.3	18.3	18.8	12.1	18.1	18.4
Electric light and power .....	12.5	14.7	21.3	12.0	14.0	19.5
Gas .....	12.4	8.1	6.4	11.9	7.6	5.7
Petroleum pipelines .....	1.3	1.5	1.0	1.2	1.4	0.9
Farm .....	4.3	5.0	5.2	4.0	4.5	4.4
Mining exploration, shafts, and wells ...	30.2	22.6	27.6	25.1	20.0	23.5
Petroleum and natural gas .....	28.9	21.4	25.9	23.9	18.9	22.0
Other .....	1.3	1.2	1.6	1.2	1.1	1.4
Other <sup>4</sup> .....	5.9	6.2	6.6	5.6	5.7	5.9
Brokers' commissions on sale of structures ..	2.3	2.4	2.6	2.2	2.2	2.4
Net purchases of used structures .....	-1.7	-1.8	-1.9	-1.6	-1.6	-1.6
<b>Residential</b> .....	<b>356.1</b>	<b>394.7</b>	<b>415.6</b>	<b>336.8</b>	<b>359.3</b>	<b>361.8</b>
New .....	310.4	344.4	363.4	292.4	311.6	314.6
New housing units .....	224.9	250.1	259.6	211.6	225.6	223.8
Permanent site .....	210.4	236.1	248.8	197.5	212.2	213.4
Single-family structures .....	185.8	208.6	220.7	175.9	188.9	190.9
Multifamily structures .....	24.6	27.4	28.1	21.7	23.4	22.7
Manufactured homes .....	14.5	14.1	10.9	14.1	13.3	10.1
Improvements .....	84.5	93.0	102.4	79.9	84.9	89.6
Other <sup>5</sup> .....	1.0	1.3	1.4	0.9	1.2	1.2
Brokers' commissions on sale of structures ..	48.8	53.7	55.4	47.4	50.9	50.1
Net purchases of used structures .....	-3.0	-3.4	-3.2	-2.9	-3.1	-2.8
Residual .....	.....	.....	.....	-0.3	-1.0	-1.0

1. Consists of office buildings, except those constructed at industrial sites and those constructed by utilities for their own use.  
 2. Consists of stores, restaurants, garages, service stations, warehouses, mobile structures, and other buildings used for commercial purposes.  
 3. Consists of hotels and motels, buildings used primarily for social and recreational activities, and buildings not elsewhere classified, such as passenger terminals, greenhouses, and animal hospitals.  
 4. Consists primarily of streets, dams and reservoirs, sewer and water facilities, parks, and airfields.  
 5. Consists primarily of dormitories and of fraternity and sorority houses.

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

Table B.6.—Private Fixed Investment in Equipment and Software by Type

	Billions of dollars			Billions of chained (1996) dollars		
	1998	1999	2000	1998	1999	2000
<b>Private fixed investment in equipment and software</b> .....	<b>827.1</b>	<b>899.9</b>	<b>988.9</b>	<b>883.7</b>	<b>987.3</b>	<b>1,096.9</b>
<b>Nonresidential equipment and software</b> .....	<b>818.9</b>	<b>891.1</b>	<b>979.5</b>	<b>875.4</b>	<b>978.3</b>	<b>1,087.4</b>
Information processing equipment and software .....	363.4	399.7	466.5	429.3	506.2	609.5
Computers and peripheral equipment <sup>1</sup> .....	84.2	90.8	109.3	147.7	208.6	290.3
Software <sup>2</sup> .....	140.1	159.8	183.1	147.1	167.3	187.6
Communication equipment .....	81.2	93.4	116.8	85.6	102.1	131.4
Instruments .....	36.3	37.7	38.8	36.1	37.5	38.3
Photocopy and related equipment .....	13.7	10.8	11.0	13.9	10.9	11.1
Office and accounting equipment .....	8.0	7.2	7.4	8.0	7.3	7.5
Industrial equipment .....	147.6	149.3	166.7	145.6	146.4	162.6
Fabricated metal products .....	12.7	12.9	13.0	12.7	13.0	13.1
Engines and turbines .....	4.7	5.4	8.1	4.6	5.1	7.6
Metalworking machinery .....	34.9	34.5	35.8	34.5	33.9	35.0
Special industry machinery, n.e.c. ....	37.1	38.2	48.7	36.4	37.0	47.1
General industrial, including materials handling, equipment .....	34.7	33.7	36.0	34.0	32.8	34.7
Electrical transmission, distribution, and industrial apparatus .....	23.5	24.7	25.2	23.4	24.6	24.9
Transportation equipment .....	168.2	199.1	195.9	168.2	197.6	192.7
Trucks, buses, and truck trailers .....	98.1	116.6	114.2	100.0	116.7	113.2
Autos .....	40.5	43.4	41.0	39.2	42.9	41.3
Aircraft .....	20.0	28.9	30.1	19.7	28.1	28.0
Ships and boats .....	2.6	2.8	3.7	2.5	2.6	3.4
Railroad equipment .....	7.0	7.5	7.0	7.1	7.6	7.0
Other equipment .....	143.7	146.2	154.3	141.1	142.4	149.3
Furniture and fixtures .....	35.9	38.3	42.1	35.1	37.3	40.6
Tractors .....	14.9	13.1	14.2	14.7	12.8	13.8
Agricultural machinery, except tractors ..	12.8	10.0	11.4	12.5	9.7	10.9
Construction machinery, except tractors ..	20.9	22.0	19.2	20.2	20.8	18.0
Mining and oilfield machinery .....	4.7	5.8	7.9	4.5	5.5	7.4
Service industry machinery .....	15.4	16.2	16.2	15.0	15.6	15.5
Electrical equipment, n.e.c. ....	14.1	14.4	15.2	14.5	14.9	16.0
Other .....	24.9	26.3	28.2	24.5	25.7	27.3
Less: Sale of equipment scrap, excluding autos .....	3.9	3.3	4.0	4.5	4.2	4.5
<b>Residential equipment</b> .....	<b>8.2</b>	<b>8.8</b>	<b>9.4</b>	<b>8.3</b>	<b>9.0</b>	<b>9.6</b>
Residual .....	.....	.....	.....	-13.6	-37.8	-79.2
<b>Addenda:</b>						
Private fixed investment in equipment and software .....	827.1	899.9	988.9	.....	.....	.....
Less: Dealers' margin on used equipment .....	8.2	8.5	9.3	.....	.....	.....
Net purchases of used equipment from government .....	1.2	1.0	1.0	.....	.....	.....
Plus: Net sales of used equipment .....	39.4	41.1	42.8	.....	.....	.....
Net exports of used equipment .....	0.5	0.4	0.5	.....	.....	.....
Sale of equipment scrap .....	4.0	3.4	4.1	.....	.....	.....
<b>Equals: Private fixed investment in new equipment and software</b> .....	<b>861.7</b>	<b>935.4</b>	<b>1,025.9</b>	.....	.....	.....

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.8.—Employment by Industry**  
[Thousands]

	Full-time and part-time employees			Persons engaged in production <sup>1</sup>				Full-time and part-time employees			Persons engaged in production <sup>1</sup>		
	1998	1999	2000	1998	1999	2000		1998	1999	2000	1998	1999	2000
<b>Total</b> .....	<b>133,456</b>	<b>136,368</b>	<b>139,350</b>	<b>129,742</b>	<b>132,204</b>	<b>134,917</b>	Water transportation.....	185	188	194	185	185	191
<b>Domestic industries</b> .....	<b>133,968</b>	<b>136,872</b>	<b>139,861</b>	<b>130,181</b>	<b>132,636</b>	<b>135,355</b>	Transportation by air <sup>2</sup> .....	1,199	1,245	1,296	1,123	1,163	1,215
<b>Private industries</b> .....	<b>111,706</b>	<b>114,333</b>	<b>116,865</b>	<b>111,577</b>	<b>113,897</b>	<b>116,253</b>	Pipelines, except natural gas.....	13	13	13	13	13	13
<b>Agriculture, forestry, and fishing</b> .....	<b>2,188</b>	<b>2,294</b>	<b>2,321</b>	<b>3,345</b>	<b>3,389</b>	<b>3,338</b>	Transportation services.....	471	476	488	465	474	476
Farms.....	880	923	890	1,705	1,693	1,635	Communications.....	1,477	1,553	1,668	1,365	1,423	1,524
Agricultural services, forestry, and fishing.....	1,308	1,371	1,431	1,640	1,696	1,703	Telephone and telegraph.....	1,046	1,107	1,197	960	1,011	1,089
<b>Mining</b> .....	<b>594</b>	<b>540</b>	<b>541</b>	<b>602</b>	<b>545</b>	<b>546</b>	Radio and television.....	431	446	471	405	412	435
Metal mining.....	49	44	40	49	45	42	Electric, gas, and sanitary services.....	861	863	857	853	860	851
Coal mining.....	93	87	79	93	86	77	<b>Wholesale trade</b> .....	<b>6,918</b>	<b>6,995</b>	<b>7,113</b>	<b>6,923</b>	<b>7,018</b>	<b>7,107</b>
Oil and gas extraction.....	340	296	308	349	304	315	<b>Retail trade</b> .....	<b>22,991</b>	<b>23,542</b>	<b>24,060</b>	<b>20,407</b>	<b>20,954</b>	<b>21,432</b>
Nonmetallic minerals, except fuels.....	112	113	114	111	110	112	<b>Finance, insurance, and real estate</b> .....	<b>7,533</b>	<b>7,713</b>	<b>7,758</b>	<b>7,631</b>	<b>7,817</b>	<b>7,855</b>
<b>Construction</b> .....	<b>6,296</b>	<b>6,704</b>	<b>7,007</b>	<b>7,602</b>	<b>8,023</b>	<b>8,368</b>	Depository institutions.....	2,046	2,049	2,038	1,933	1,928	1,906
<b>Manufacturing</b> .....	<b>18,923</b>	<b>18,669</b>	<b>18,571</b>	<b>18,933</b>	<b>18,659</b>	<b>18,511</b>	Nondepository institutions.....	662	708	686	643	690	667
Durable goods.....	11,270	11,177	11,185	11,349	11,222	11,220	Security and commodity brokers.....	681	728	797	732	797	873
Lumber and wood products.....	840	857	849	896	915	899	Insurance carriers.....	1,574	1,608	1,588	1,501	1,526	1,500
Furniture and fixtures.....	534	550	559	543	562	570	Insurance agents, brokers, and service... ..	788	795	802	881	873	895
Stone, clay, and glass products.....	566	572	583	569	573	581	Real estate.....	1,532	1,567	1,583	1,704	1,759	1,766
Primary metal industries.....	715	698	700	711	697	696	Holding and other investment offices.....	250	258	264	237	244	248
Fabricated metal products.....	1,517	1,529	1,544	1,514	1,517	1,537	<b>Services</b> .....	<b>39,584</b>	<b>40,978</b>	<b>42,380</b>	<b>39,479</b>	<b>40,640</b>	<b>42,080</b>
Industrial machinery and equipment.....	2,211	2,142	2,122	2,211	2,136	2,109	Hotels and other lodging places.....	1,869	1,934	1,979	1,697	1,758	1,816
Electronic and other electric equipment.....	1,710	1,670	1,719	1,700	1,656	1,705	Personal services.....	1,339	1,363	1,387	1,803	1,831	1,879
Motor vehicles and equipment.....	997	1,023	1,021	995	1,018	1,019	Business services.....	8,779	9,437	10,074	8,987	9,566	10,222
Other transportation equipment.....	900	874	836	903	872	834	Auto repair, services, and parking.....	1,273	1,326	1,368	1,520	1,557	1,591
Instruments and related products.....	873	854	845	865	841	838	Miscellaneous repair services.....	395	391	382	591	553	539
Miscellaneous manufacturing industries.....	407	408	407	442	435	432	Motion pictures.....	592	612	609	644	659	652
Nondurable goods.....	7,653	7,492	7,386	7,584	7,437	7,291	Amusement and recreation services.....	1,728	1,783	1,858	1,496	1,547	1,637
Food and kindred products.....	1,695	1,696	1,699	1,673	1,679	1,674	Health services.....	10,222	10,356	10,485	9,526	9,644	9,772
Tobacco products.....	40	37	35	39	36	34	Legal services.....	1,114	1,142	1,164	1,225	1,219	1,223
Textile mill products.....	597	560	533	598	556	535	Educational services.....	2,271	2,355	2,447	2,100	2,169	2,269
Apparel and other textile products.....	769	697	641	774	708	617	Social services and membership organizations.....	5,195	5,388	5,583	5,025	5,189	5,356
Paper and allied products.....	679	669	656	672	664	650	Social services.....	2,751	2,859	2,992	2,993	3,086	3,201
Printing and publishing.....	1,593	1,575	1,569	1,577	1,556	1,544	Membership organizations.....	2,444	2,529	2,591	2,032	2,103	2,155
Chemicals and allied products.....	1,040	1,037	1,039	1,026	1,026	1,030	Other services <sup>3</sup> .....	3,527	3,640	3,836	3,983	4,086	4,291
Petroleum and coal products.....	135	131	126	134	131	125	Private households.....	1,280	1,251	1,208	882	862	833
Rubber and miscellaneous plastics products.....	1,018	1,011	1,016	1,006	1,001	1,006	<b>Government</b> .....	<b>22,262</b>	<b>22,539</b>	<b>22,996</b>	<b>18,604</b>	<b>18,739</b>	<b>19,102</b>
Leather and leather products.....	87	79	72	85	80	76	Federal.....	5,194	5,139	5,235	4,207	4,164	4,262
<b>Transportation and public utilities</b> .....	<b>6,679</b>	<b>6,898</b>	<b>7,114</b>	<b>6,655</b>	<b>6,852</b>	<b>7,016</b>	General government.....	4,200	4,147	4,260	3,416	3,370	3,478
Transportation.....	4,341	4,482	4,589	4,437	4,569	4,641	Civilian.....	1,878	1,856	1,976	1,845	1,821	1,931
Railroad transportation.....	223	223	213	211	211	202	Military <sup>4</sup> .....	2,322	2,291	2,284	1,571	1,549	1,547
Local and interurban passenger transit.....	473	489	500	486	503	503	Government enterprises.....	994	992	975	791	794	784
Trucking and warehousing <sup>5</sup> .....	1,777	1,848	1,885	1,954	2,020	2,041	State and local.....	17,068	17,400	17,761	14,397	14,575	14,840
							General government.....	16,227	16,546	16,891	13,528	13,699	13,953
							Education.....	8,928	9,148	9,382	7,226	7,359	7,556
							Other.....	7,299	7,398	7,509	6,302	6,340	6,397
							Government enterprises.....	841	854	870	869	876	887
							<b>Rest of the world<sup>6</sup>.....</b>	<b>-512</b>	<b>-504</b>	<b>-511</b>	<b>-439</b>	<b>-432</b>	<b>-436</b>

1. Equals the number of full-time equivalent employees plus the number of self-employed persons. Unpaid family workers are not included.  
2. Reflects the reclassification of air couriers from trucking and warehousing to transportation by air.  
3. Consists of museums, botanical and zoological gardens; engineering and management services; and services, not elsewhere classified.

4. Includes Coast Guard.  
5. Includes estimates of foreign professional workers and undocumented Mexican migratory workers employed temporarily in the United States.

Note.—Estimates in this table are based on the 1987 Standard Industrial Classification (SIC).



**Table B.10.—Farm Sector Output, Gross Product, and National Income**

	Billions of dollars			Billions of chained (1996) dollars		
	1998	1999	2000	1998	1999	2000
<b>Farm output</b> .....	<b>214.6</b>	<b>208.3</b>	<b>214.7</b>	<b>238.5</b>	<b>244.3</b>	<b>248.4</b>
Cash receipts from farm marketings .....	197.6	192.2	199.8	219.8	226.2	232.4
Crops .....	103.3	96.5	100.2	121.5	125.4	131.2
Livestock .....	94.2	95.7	99.6	98.3	100.9	101.8
Farm housing .....	6.7	7.2	7.7	6.0	6.2	6.2
Farm products consumed on farms .....	0.5	0.5	0.6	0.5	0.5	0.5
Other farm income .....	9.0	9.9	8.5	9.9	11.8	10.1
Change in farm inventories.....	0.9	-1.5	-1.8	1.6	-1.9	-2.0
Crops .....	1.1	-0.9	-1.2	1.8	-1.4	-2.2
Livestock .....	-0.3	-0.6	-0.6	-0.3	-0.6	-0.5
<b>Less: Intermediate goods and services purchased</b> .....	<b>134.1</b>	<b>134.0</b>	<b>135.7</b>	<b>138.2</b>	<b>139.1</b>	<b>132.9</b>
Intermediate goods and services, other than rent .....	118.9	120.4	121.7	122.5	125.1	119.4
Rent paid to nonoperator landlords.....	15.2	13.6	14.0	15.7	14.0	13.5
<b>Equals: Gross farm product</b> .....	<b>80.6</b>	<b>74.3</b>	<b>79.0</b>	<b>100.3</b>	<b>106.0</b>	<b>120.5</b>
<b>Less: Consumption of fixed capital</b> .....	<b>27.3</b>	<b>29.3</b>	<b>28.6</b>	<b>26.7</b>	<b>28.0</b>	<b>27.0</b>
<b>Equals: Net farm product</b> .....	<b>53.3</b>	<b>45.0</b>	<b>50.4</b>	<b>73.5</b>	<b>77.9</b>	<b>98.2</b>
<b>Less: Indirect business tax and nontax liability</b> .....	<b>5.2</b>	<b>5.5</b>	<b>5.4</b>	.....	.....	.....
<b>Plus: Subsidies to operators</b> .....	<b>10.4</b>	<b>18.4</b>	<b>19.5</b>	.....	.....	.....
<b>Equals: Farm national income</b> .....	<b>58.5</b>	<b>58.0</b>	<b>64.5</b>	.....	.....	.....
Compensation of employees .....	18.6	19.3	19.5	.....	.....	.....
Wage and salary accruals .....	16.2	16.5	16.8	.....	.....	.....
Supplements to wages and salaries.....	2.5	2.9	2.8	.....	.....	.....
Proprietors' income and corporate profits with inventory valuation and capital consumption adjustments.....	29.9	28.3	34.1	.....	.....	..
Proprietors' income .....	25.6	26.6	30.6	.....	.....	..
Corporate profits .....	4.3	1.7	3.5	.....	.....	.....
Net interest.....	10.0	10.3	10.9	.....	.....	.....

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

**Table B.11.—Housing Sector Output, Gross Product, and National Income**

	Billions of dollars			Billions of chained (1996) dollars		
	1998	1999	2000	1998	1999	2000
<b>Housing output<sup>1</sup></b> .....	<b>825.8</b>	<b>873.1</b>	<b>919.6</b>	<b>777.2</b>	<b>799.5</b>	<b>816.6</b>
Nonfarm housing .....	819.0	865.9	912.0	771.2	793.3	810.4
Owner-occupied .....	625.0	664.6	702.7	588.3	609.0	625.3
Tenant-occupied .....	194.0	201.3	209.3	182.9	184.3	185.1
Farm housing .....	6.7	7.2	7.7	6.0	6.2	6.2
<b>Less: Intermediate goods and services consumed</b> .....	<b>114.5</b>	<b>116.1</b>	<b>116.4</b>	<b>107.4</b>	<b>105.3</b>	<b>102.3</b>
<b>Equals: Gross housing product</b> .....	<b>711.3</b>	<b>757.1</b>	<b>803.2</b>	<b>669.8</b>	<b>694.2</b>	<b>714.3</b>
Nonfarm housing .....	705.6	751.1	798.9	664.7	689.1	709.3
Owner-occupied .....	535.6	575.1	613.6	504.2	527.7	547.4
Tenant-occupied .....	170.0	176.0	183.4	160.5	161.4	161.9
Farm housing.....	5.6	5.9	6.3	5.1	5.1	5.1
<b>Less: Consumption of fixed capital</b> .....	<b>133.1</b>	<b>143.4</b>	<b>153.6</b>	<b>125.8</b>	<b>130.1</b>	<b>133.5</b>
Capital consumption allowances .....	71.9	77.4	81.8	.....	.....	.....
Less: Capital consumption adjustment.....	-61.2	-66.0	-71.8	.....	.....	.....
<b>Equals: Net housing product</b> .....	<b>578.1</b>	<b>613.6</b>	<b>649.6</b>	<b>544.0</b>	<b>564.1</b>	<b>580.8</b>
<b>Less: Indirect business tax and nontax liability plus business transfer payments</b> .....	<b>130.5</b>	<b>135.8</b>	<b>140.8</b>	.....	.....	.....
<b>Plus: Subsidies less current surplus of government enterprises</b> .....	<b>24.1</b>	<b>23.8</b>	<b>23.8</b>	.....	.....	.....
<b>Equals: Housing national income</b> .....	<b>471.8</b>	<b>501.6</b>	<b>532.6</b>	.....	.....	.....
Compensation of employees .....	9.6	10.0	10.9	.....	.....	.....
Proprietors' income with inventory valuation and capital consumption adjustments.....	20.6	18.9	17.6	.....	.....	.....
Rental income of persons with capital consumption adjustment.....	121.0	130.0	123.8	.....	.....	.....
Corporate profits with inventory valuation and capital consumption adjustments.....	4.4	4.1	4.3	.....	.....	.....
Net interest .....	316.2	338.6	376.0	.....	.....	.....

1. Equals personal consumption expenditures for housing less expenditures for other housing as shown in table B.4.

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









**Table C.1.—GDP and Other Major NIPA Aggregates—Continued**  
 [Quarterly estimates are seasonally adjusted at annual rates]

Year and quarter	Billions of chained (1996) dollars			Percent change from preceding period		Chain-type price indexes		Implicit price deflators		Percent change from preceding period			
	Gross domestic product	Final sales of domestic product	Gross national product	Gross domestic product	Final sales of domestic product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product	Chain-type price index		Implicit price deflators	
										Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
1988: I	6,275.9	6,263.0	6,302.0	2.7	6.6	78.99	79.21	78.98	78.99	2.7	2.9	2.7	2.7
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	83.62	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	2.9	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	2.9	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	91.98	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	2.2	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	102.96	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	8,733.5	8,651.2	8,732.9	3.1	3.0	104.10	103.21	104.12	104.08	1.7	1.5	1.8	1.8
1999: II	8,771.2	8,735.1	8,769.7	1.7	3.9	104.45	103.71	104.45	104.42	1.4	2.0	1.3	1.3
1999: III	8,871.5	8,825.6	8,861.5	4.7	4.2	104.81	104.23	104.80	104.77	1.4	2.0	1.4	1.4
1999: IV	9,049.9	8,956.3	9,047.9	8.3	6.1	105.28	104.80	105.22	105.18	1.8	2.2	1.6	1.6
2000: I	9,102.5	9,061.6	9,089.1	2.3	4.8	106.25	105.89	106.22	106.18	3.8	4.2	3.9	3.8
2000: II	9,229.4	9,148.5	9,217.7	5.7	3.9	106.81	106.40	106.81	106.76	2.1	1.9	2.2	2.2
2000: III	9,260.1	9,201.3	9,247.2	1.3	2.3	107.31	107.02	107.31	107.27	1.9	2.3	1.9	1.9
2000: IV	9,303.9	9,256.7	9,311.7	1.9	2.4	107.78	107.47	107.78	107.74	1.8	1.7	1.8	1.8
2001: I	9,334.5	9,347.8	9,329.1	1.3	4.0	108.65	108.19	108.65	108.60	3.3	2.7	3.3	3.2
2001: II	9,341.7	9,364.8	9,335.5	.3	.7	109.22	108.54	109.21	109.16	2.1	1.3	2.1	2.1
2001: III	9,316.8	9,357.4	9,315.3	-1.1	-3	109.80	108.49	109.80	109.74	2.2	-2	2.2	2.1

## D. Domestic Perspectives

This table presents data collected from other government agencies and private organizations, as noted. Quarterly data are shown in the middle month of the quarter.

Table D.1.—Domestic Perspectives

	1999	2000	2000				2001									
			Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Consumer and producer prices, (monthly data seasonally adjusted) <sup>1</sup>																
Consumer price index for all urban consumers, 1982=84=100:																
All items .....	166.6	172.2	173.6	173.9	174.3	174.6	175.7	176.2	176.3	176.8	177.5	177.9	177.4	177.5	178.2	177.6
Less food and energy .....	177.0	181.3	182.6	182.8	183.3	183.5	184.1	184.7	185.1	185.5	185.7	186.3	186.6	187.0	187.4	187.7
Services .....	188.8	195.3	196.9	197.5	198.1	198.8	200.5	201.0	201.6	202.0	202.8	203.7	203.9	204.7	204.5	204.7
Producer price index, 1982=100:																
Finished goods .....	133.0	138.0	139.0	139.6	139.8	140.0	141.6	141.7	141.6	142.3	142.4	141.9	140.4	140.9	141.4	139.1
Less food and energy .....	146.1	148.0	148.7	148.7	148.8	148.9	149.6	149.2	149.4	149.8	150.1	150.2	150.4	150.3	150.7	149.9
Finished consumer goods .....	132.0	138.2	139.4	140.2	140.4	140.6	142.7	143.0	142.7	143.5	143.8	143.0	140.9	141.6	142.2	139.5
Capital equipment .....	137.6	138.8	139.4	139.3	139.4	139.5	139.8	139.3	139.5	139.8	139.5	139.7	140.2	140.1	140.3	139.3
Intermediate materials .....	123.2	129.2	130.4	130.6	130.4	130.9	132.0	131.7	131.3	131.2	131.3	131.1	129.8	129.3	129.4	127.4
Crude materials .....	98.2	120.6	126.0	130.8	129.1	141.1	165.8	141.8	132.3	133.0	130.1	119.6	115.4	112.7	108.1	98.3
Money, interest rates, and stock prices																
Money stock (monthly and quarterly data seasonally adjusted): <sup>2</sup>																
Percent change:																
M1 .....			-0.31	0.01	-0.81	0.09	1.04	0.06	1.15	0.43	-0.06	0.52	1.13	0.69	4.50	-3.15
M2 .....			0.66	0.44	0.31	0.78	1.01	0.90	1.20	0.89	0.47	0.84	0.75	0.64	2.10	0
Ratio:																
Gross domestic product to M1 .....	8.412	8.942			9.196			9.185			9.117			8.836		
Personal income to M2 .....	1.718	1.731	1.730	1.733	1.735	1.732	1.722	1.714	1.701	1.690	1.684	1.676	1.669	1.660	1.625	1.625
Interest rates (percent, not seasonally adjusted): <sup>2</sup>																
Federal funds rate .....	4.97	6.24	6.52	6.51	6.51	6.40	5.98	5.49	5.31	4.80	4.21	3.97	3.77	3.65	3.07	2.49
Discount rate on new 91-day Treasury bills .....	4.66	5.84	5.99	6.10	6.18	5.83	5.27	4.93	4.50	3.91	3.66	3.48	3.54	3.39	2.87	2.22
Yield on new high-grade corporate bonds .....	7.00	7.57	7.50	7.50	7.41	7.21	7.15	7.08	6.87	7.09	7.19	7.11	7.02	6.85	6.83	6.72
10-Year US Treasury bonds .....	5.65	6.03	5.80	5.74	5.72	5.24	5.16	5.10	4.89	5.14	5.39	5.28	5.24	4.97	4.73	4.57
Yield on municipal bonds, 20-bond average .....	5.43	5.71	5.56	5.59	5.54	5.22	5.10	5.18	5.13	5.27	5.29	5.20	5.20	5.03	5.09	5.05
Mortgage commitment rate .....	7.43	8.06	7.91	7.80	7.75	7.38	7.03	7.05	6.95	7.08	7.15	7.16	7.13	6.95	6.82	6.62
Average prime rate charged by banks .....	8.00	9.23	9.50	9.50	9.50	9.50	9.05	8.50	8.32	7.80	7.24	6.98	6.75	6.67	6.28	5.53
Index of stock prices (not seasonally adjusted): <sup>3</sup>																
500 common stocks, 1941=43=10 .....	1,327.33	1,427.22	1,468.05	1,390.14	1,375.04	1,330.93	1,335.63	1,305.75	1,185.85	1,189.84	1,270.37	1,238.71	1,204.45	1,178.51	1,044.64	1,076.59
Labor markets (thousands, monthly and quarterly data seasonally adjusted, unless otherwise noted) <sup>1</sup>																
Civilian labor force .....	139,368	140,863	140,847	141,000	141,136	141,489	141,955	141,751	141,868	141,757	141,272	141,354	141,774	141,350	142,190	142,303
Labor force participation rates (percent):																
Males 20 and over .....	76.7	76.6	76.5	76.5	76.4	76.6	76.7	76.5	76.4	76.6	76.3	76.2	76.4	76.2	76.6	76.5
Females 20 and over .....	60.7	60.9	60.7	60.6	60.7	60.8	61.1	61.2	61.3	61.0	60.9	60.7	60.9	60.9	60.9	60.8
16-19 years of age .....	52.0	52.2	52.0	52.1	52.4	52.3	51.9	51.2	50.9	50.1	48.6	50.5	50.0	47.4	49.8	50.0
Civilian employment .....	133,488	135,208	135,310	135,464	135,478	135,836	135,999	135,815	135,780	135,354	135,103	134,932	135,379	134,393	135,181	134,562
Ratio, civilian employment to working-age population (percent) .....	64.3	64.5	64.4	64.4	64.3	64.5	64.5	64.4	64.3	64.0	63.9	63.7	63.9	63.4	63.7	63.3
Persons engaged in nonagricultural activities .....	130,207	131,903	131,954	132,223	132,302	132,582	132,819	132,680	132,618	132,162	131,910	131,937	132,334	131,276	131,961	131,362
Employees on nonagricultural payrolls .....	128,916	131,759	132,046	132,145	132,279	132,367	132,428	132,595	132,654	132,489	132,530	132,431	132,449	132,395	132,182	131,767
Goods-producing industries .....	25,507	25,709	25,696	25,713	25,711	25,688	25,633	25,627	25,602	25,421	25,324	25,186	25,122	24,963	24,873	24,699
Services-producing industries .....	103,409	106,050	106,350	106,432	106,568	106,679	106,795	106,968	107,052	107,068	107,206	107,245	107,327	107,432	107,309	107,068
Average weekly hours, manufacturing (hours) .....	41.7	41.6	41.4	41.4	41.2	40.6	41.0	40.9	41.0	41.0	40.7	40.7	40.8	40.7	40.6	40.4
Average weekly overtime hours, manufacturing (hours) .....	4.6	4.6	4.4	4.5	4.3	4.1	4.2	3.9	4.1	3.9	3.9	3.9	4.0	4.1	3.9	3.8
Number of persons unemployed .....	5,880	5,655	5,537	5,536	5,658	5,653	5,956	5,936	6,088	6,402	6,169	6,422	6,395	6,957	7,009	7,741
Unemployment rates (percent):																
Total .....	4.2	4.0	3.9	3.9	4.0	4.0	4.2	4.2	4.3	4.5	4.4	4.5	4.5	4.9	4.9	5.4
15 weeks and over .....	1.1	0.9	0.9	0.9	0.9	0.9	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.3	1.3	1.4
Average duration of unemployment (weeks) .....	13.4	12.6	12.1	12.4	12.4	12.6	12.6	12.9	13.0	12.6	12.2	13.0	12.5	13.3	13.1	13.0
Nonfarm business sector, 1992=100:																
Output per hour of all persons .....	112.9	116.2			117.4			117.4			118.0			118.8		
Unit labor costs .....	110.2	113.6			115.8			117.2			117.9			118.5		
Hourly compensation .....	124.4	132.0			135.9			137.6			139.2			140.7		

See footnotes at the end of the table.

Table D.1.—Domestic Perspectives—Continued

	1999	2000	2000				2001									
			Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Construction (monthly data seasonally adjusted at annual rates) <sup>4</sup>																
Total new private construction put in place (billions of dollars).....	596.3	640.6	638.8	644.8	651.1	660.8	673.7	681.8	681.2	677.4	670.8	665.3	661.1	659.8	648.8	658.3
Residential.....	350.6	374.3	364.4	370.3	374.3	379.6	386.1	398.9	395.1	392.2	394.3	391.5	390.5	397.0	393.6	398.6
Nonresidential.....	193.9	210.1	214.0	215.5	215.3	218.0	223.8	220.2	225.9	220.6	211.7	210.8	210.7	201.7	196.0	199.6
Housing starts (thousands of units):																
Total.....	1,641	1,569	1,508	1,527	1,559	1,532	1,666	1,623	1,592	1,626	1,610	1,634	1,660	1,559	1,572	1,552
1-unit structures.....	1,302	1,231	1,196	1,218	1,209	1,236	1,336	1,288	1,208	1,295	1,285	1,292	1,290	1,271	1,257	1,242
New 1-family houses sold (thousands of units).....	880	877	902	922	882	1,001	938	959	953	899	882	889	877	869	878	880
Manufacturing and trade, inventories and sales (millions of dollars, monthly data seasonally adjusted) <sup>4</sup>																
Inventories:																
Total manufacturing and trade.....	1,125,068	1,191,498	1,194,445	1,199,577	1,204,041	1,204,524	1,206,745	1,203,367	1,198,530	1,196,694	1,194,840	1,187,715	1,181,701	1,179,117	1,173,539	.....
Manufacturing.....	451,956	472,455	479,234	482,000	483,892	483,544	485,307	484,353	480,579	479,659	476,712	471,967	468,378	464,933	460,900	.....
Merchant wholesalers.....	285,702	304,857	301,625	301,573	302,662	303,063	302,222	301,541	301,822	302,102	303,004	301,869	299,032	298,320	297,919	.....
Retail trade.....	387,410	414,186	413,586	416,004	417,487	417,917	419,216	417,473	416,129	414,933	415,124	413,879	414,291	415,864	414,720	.....
Sales:																
Total manufacturing and trade.....	9,445,519	10,119,150	850,950	847,112	843,384	846,258	843,035	843,032	837,800	833,698	841,208	828,409	831,772	832,273	809,281	.....
Manufacturing.....	4,043,277	4,280,872	357,996	355,921	353,838	354,689	347,550	347,983	347,486	339,031	347,267	337,322	338,546	337,443	323,110	.....
Merchant wholesalers.....	2,539,287	2,755,523	232,535	231,866	231,623	233,590	233,960	233,080	229,619	229,959	228,919	226,302	227,918	229,004	226,130	.....
Retail trade.....	2,862,955	3,082,755	260,419	259,325	257,923	257,979	261,525	261,969	260,695	264,708	265,022	264,785	265,308	265,826	260,041	.....
Industrial production indexes and capacity utilization rates (monthly data seasonally adjusted) <sup>2</sup>																
Industrial production indexes, 1992=100:																
Total.....	139.4	145.7	146.8	146.3	145.8	145.1	143.9	143.5	142.9	142.0	141.6	140.3	140.4	139.8	138.5	136.9
By industry:																
Durable manufactures.....	176.3	190.0	192.5	191.1	189.6	188.5	185.6	184.6	184.7	182.9	182.7	180.1	180.0	178.8	176.0	172.3
Nondurable manufactures.....	113.7	114.8	114.9	114.7	114.5	113.5	113.5	113.5	112.5	111.8	111.5	111.1	111.5	110.9	110.5	110.2
By market category:																
Consumer goods.....	119.9	121.9	123.3	121.6	122.1	122.5	121.0	121.2	121.8	121.3	121.4	121.1	122.2	120.9	120.0	119.5
Capacity utilization rates (percent):																
Total industry.....	81.4	81.8	81.7	81.2	80.7	80.2	79.3	78.9	78.5	77.8	77.5	76.7	76.7	76.3	75.5	74.6
Manufacturing.....	80.6	80.7	80.5	79.8	79.2	78.4	77.6	77.2	76.7	76.0	75.8	75.0	75.1	74.6	73.7	72.8
Credit market borrowing (billions of dollars, quarterly data seasonally adjusted at annual rates) <sup>2</sup>																
All sectors, by instrument:																
Total.....	2,203.1	1,775.3	.....	.....	1,842.1	.....	.....	.....	1,893.2	.....	.....	.....	.....	.....	.....	.....
Open market paper.....	229.9	207.6	.....	.....	199.3	.....	.....	.....	-367.2	.....	.....	.....	.....	.....	.....	.....
U.S. government securities.....	520.7	137.6	.....	.....	282.2	.....	.....	.....	428.3	.....	.....	.....	.....	.....	.....	.....
Municipal securities.....	68.2	35.3	.....	.....	60.1	.....	.....	.....	106.9	.....	.....	.....	.....	.....	.....	.....
Corporate and foreign bonds.....	457.9	429.8	.....	.....	442.6	.....	.....	.....	893.7	.....	.....	.....	.....	.....	.....	.....
Bank loans, nec.....	68.9	114.1	.....	.....	67.1	.....	.....	.....	34.1	.....	.....	.....	.....	-156.5	.....	.....
Other loans and advances.....	162.0	145.3	.....	.....	115.8	.....	.....	.....	83.7	.....	.....	.....	.....	92.5	.....	.....
Mortgages.....	601.0	573.2	.....	.....	551.3	.....	.....	.....	555.6	.....	.....	.....	.....	839.4	.....	.....
Consumer credit.....	94.4	132.3	.....	.....	123.7	.....	.....	.....	158.1	.....	.....	.....	.....	72.8	.....	.....

Sources:

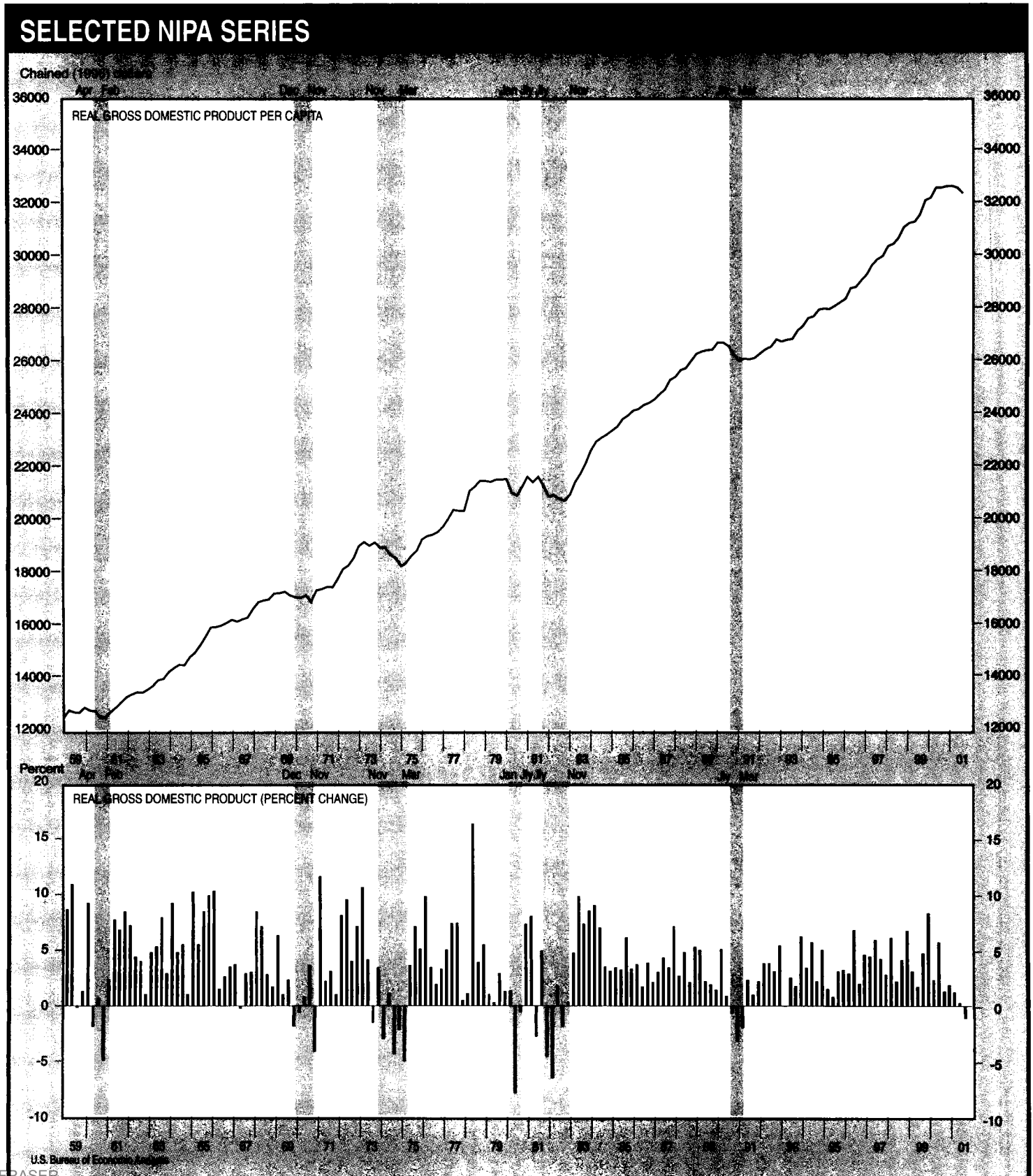
- 1. Bureau of Labor Statistics
- 2. Federal Reserve Board

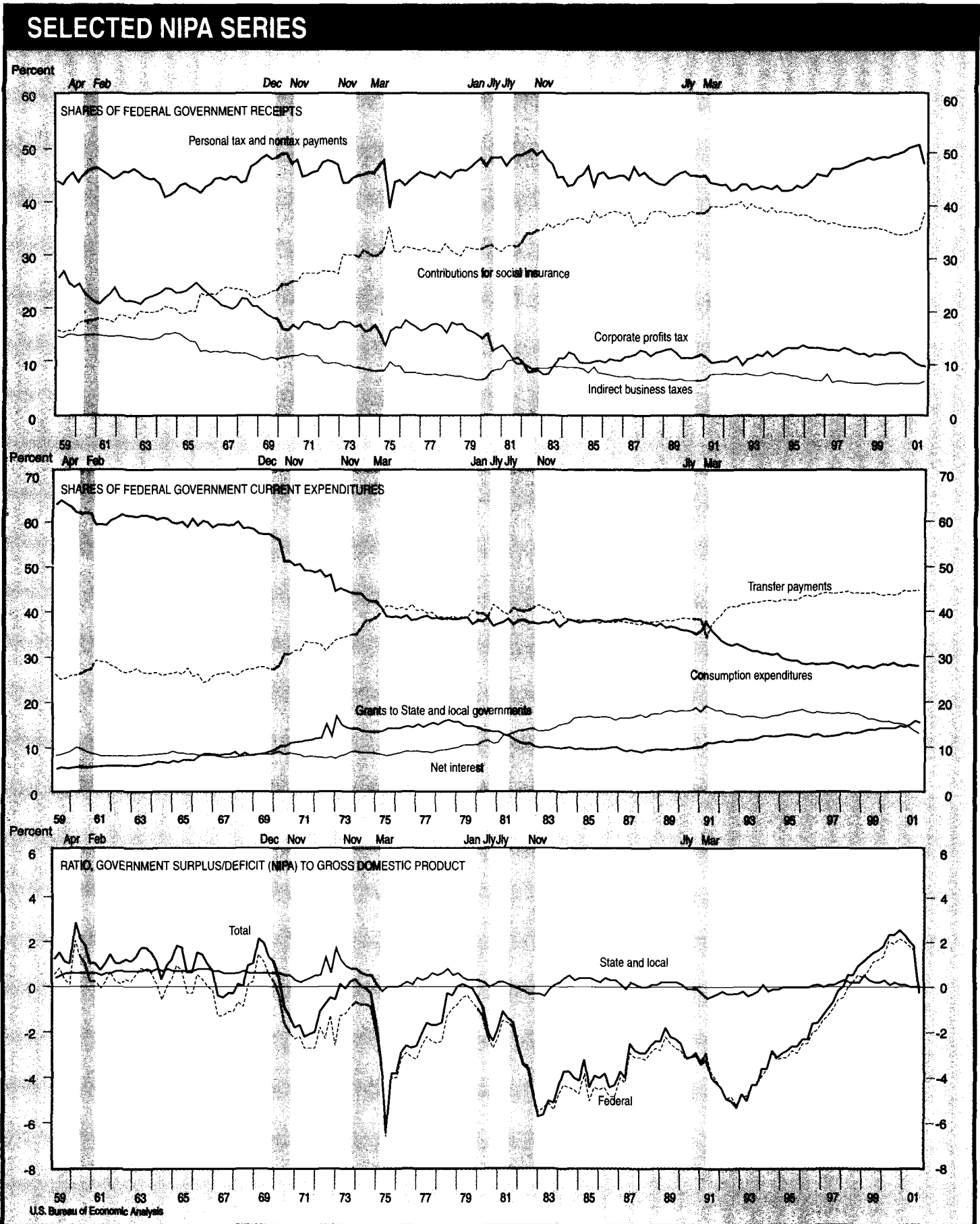
3. Standard and Poor's, Inc.

- 4. Bureau of the Census
- n.e.c. Not elsewhere classified

### E. Charts

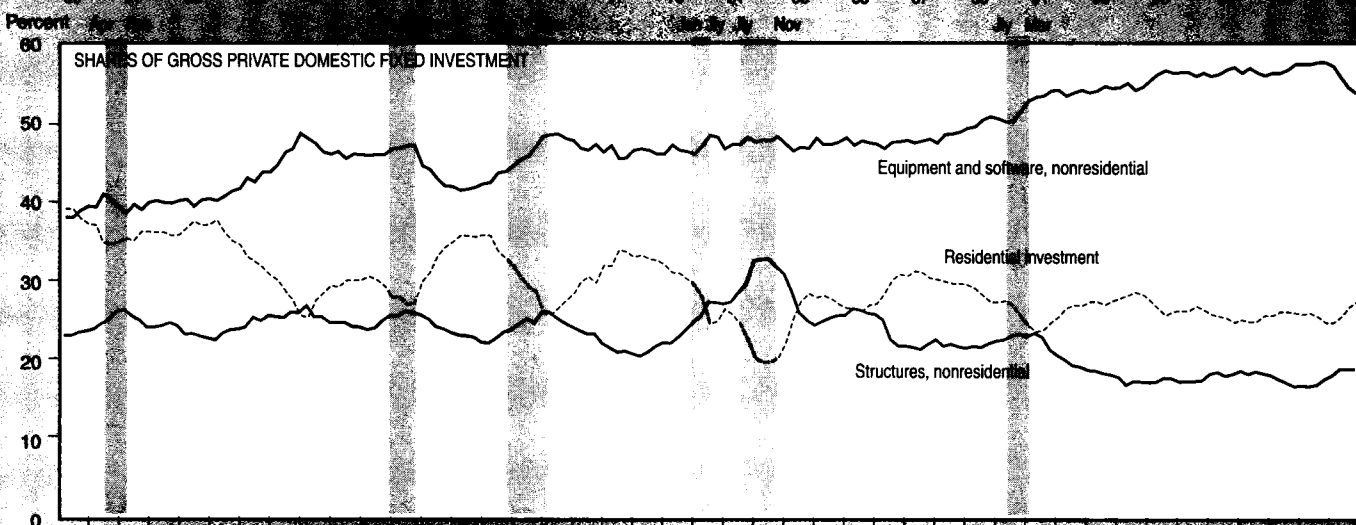
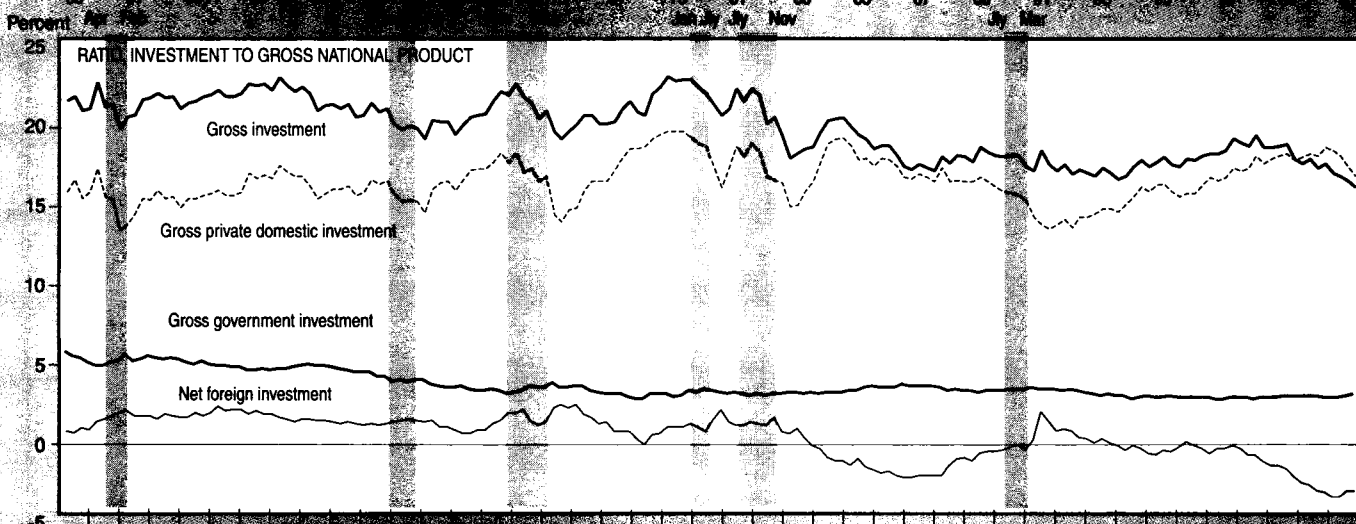
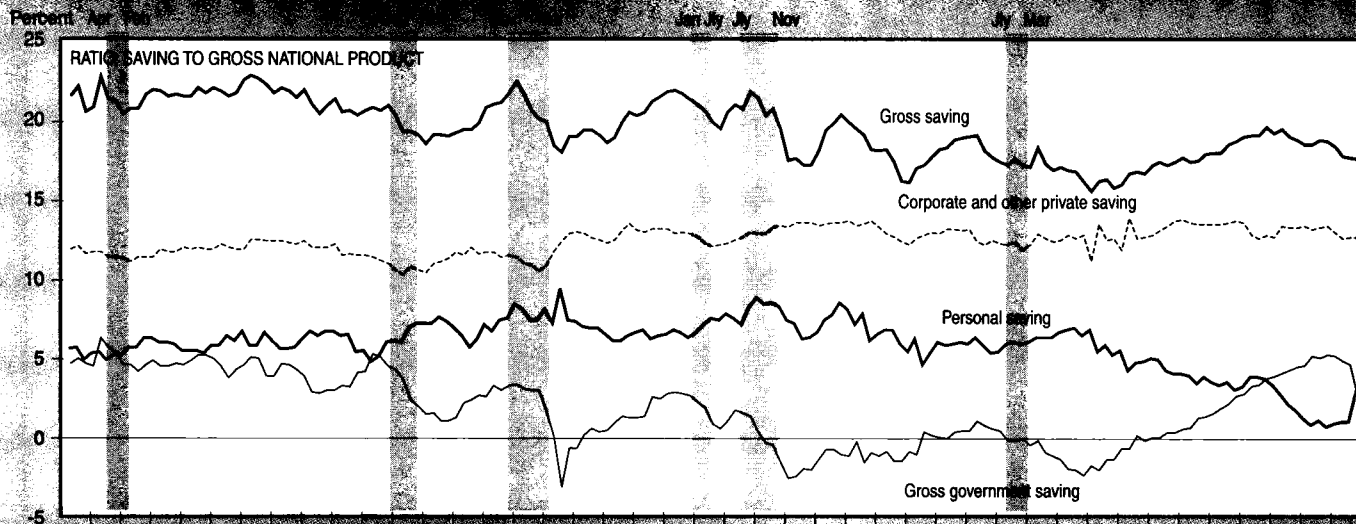
Percent changes shown in this section are based on quarter-to-quarter changes and are expressed at seasonally adjusted annual rates; likewise, levels of series are expressed at seasonally adjusted annual rates as appropriate.



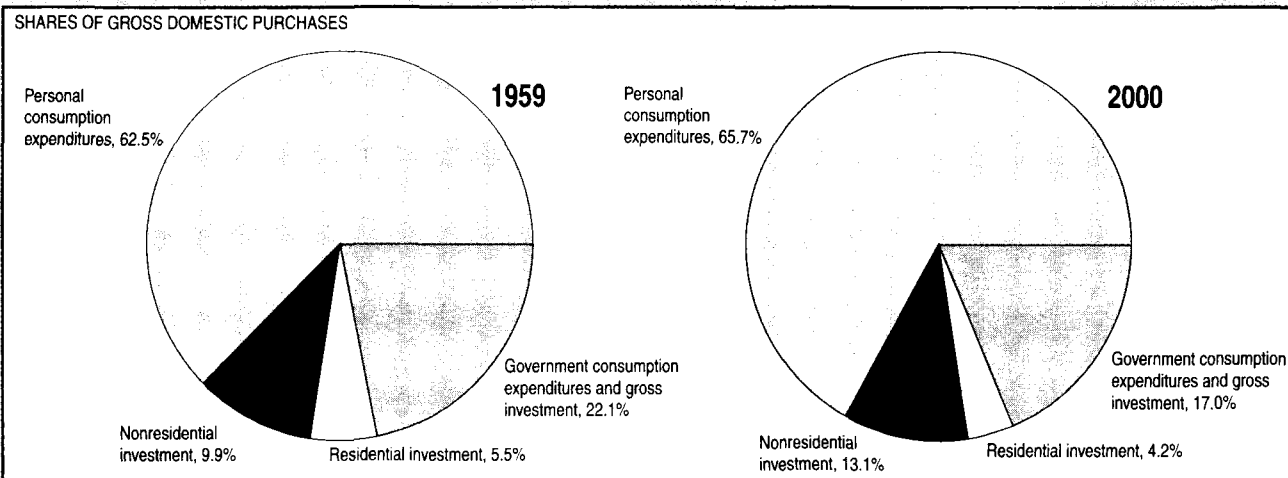
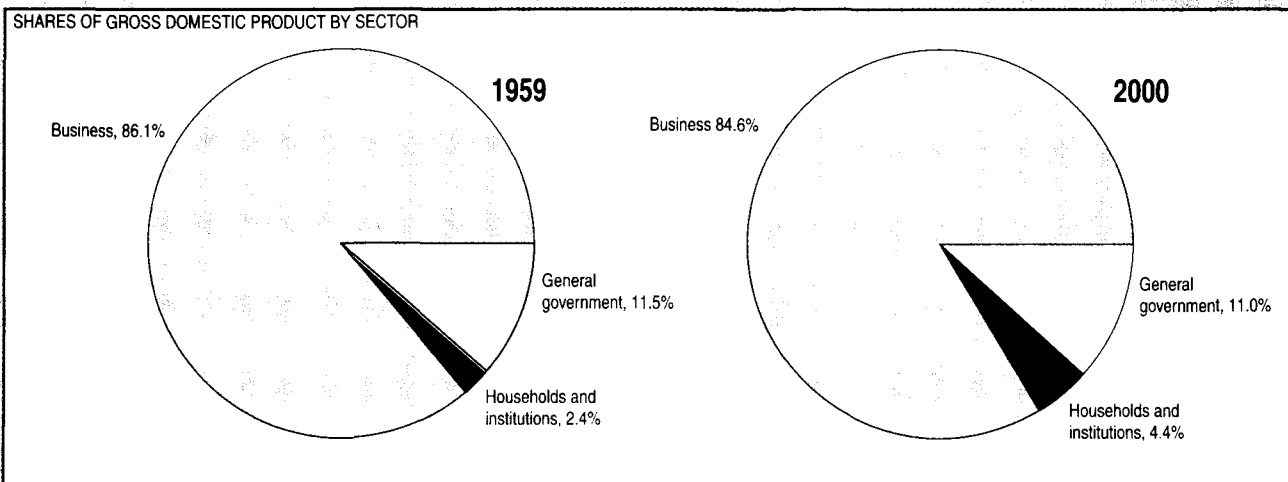
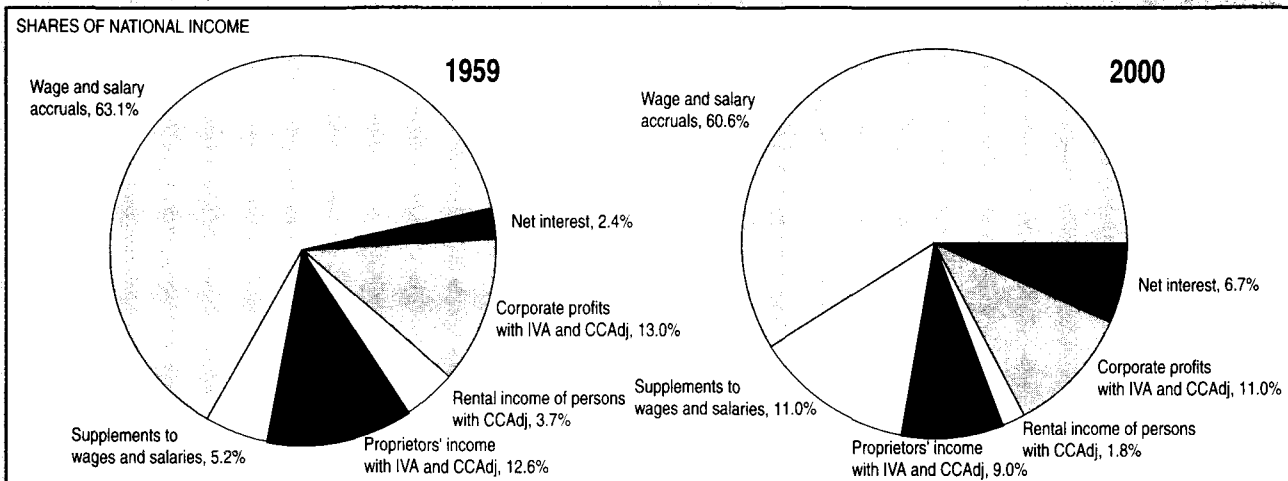




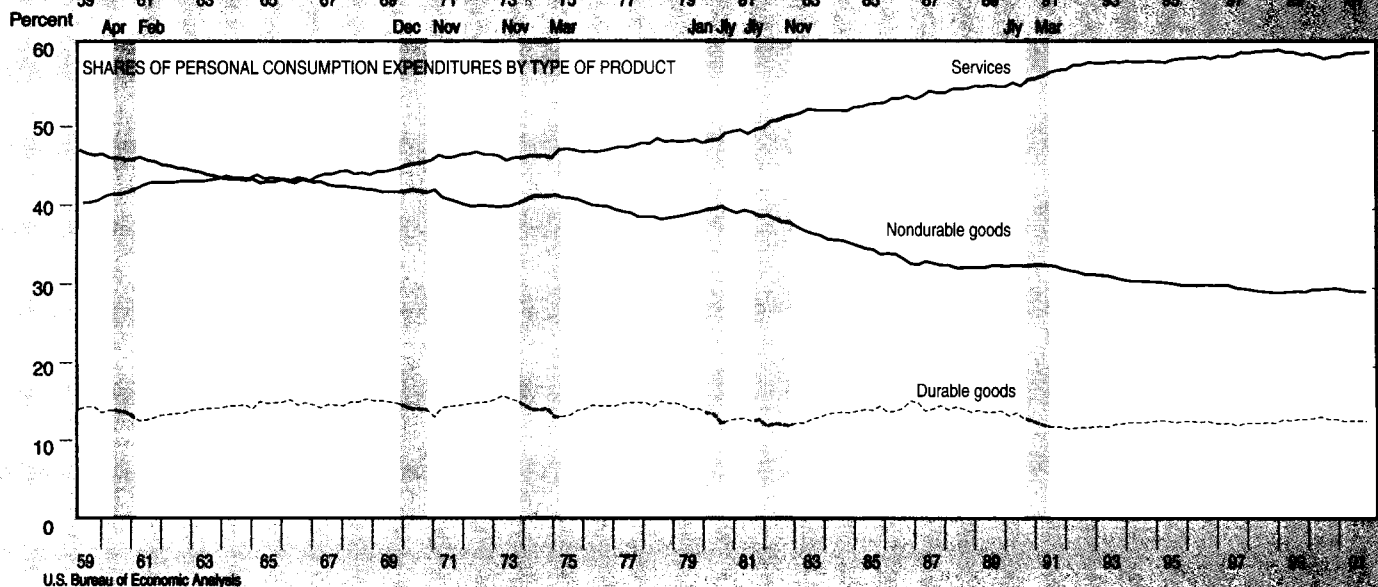
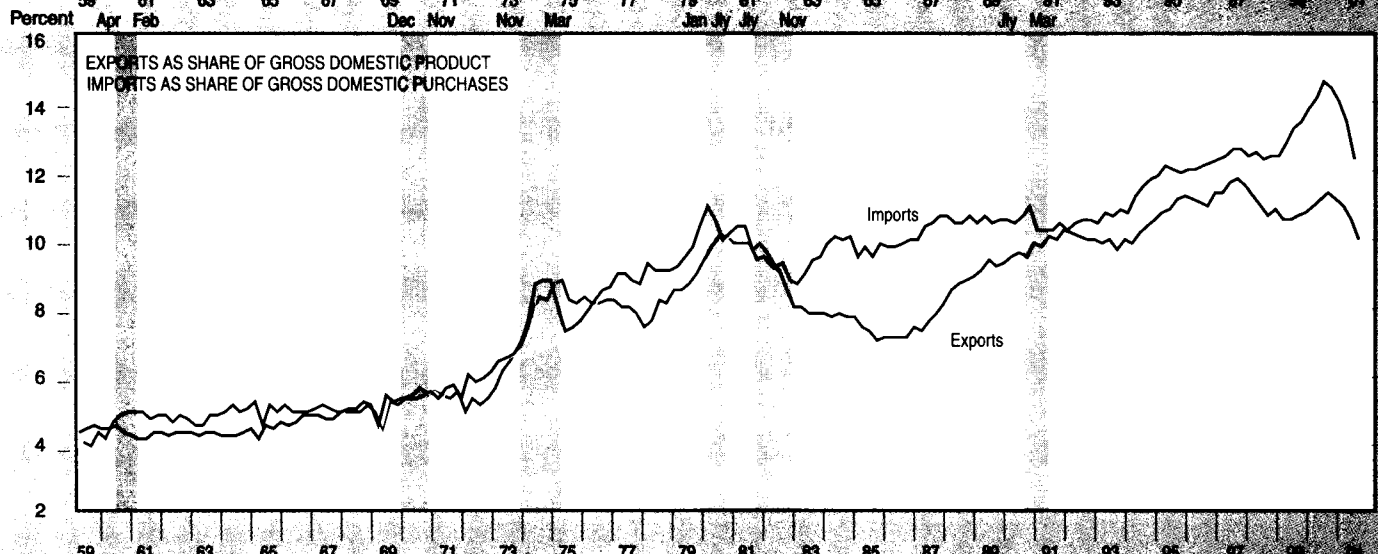
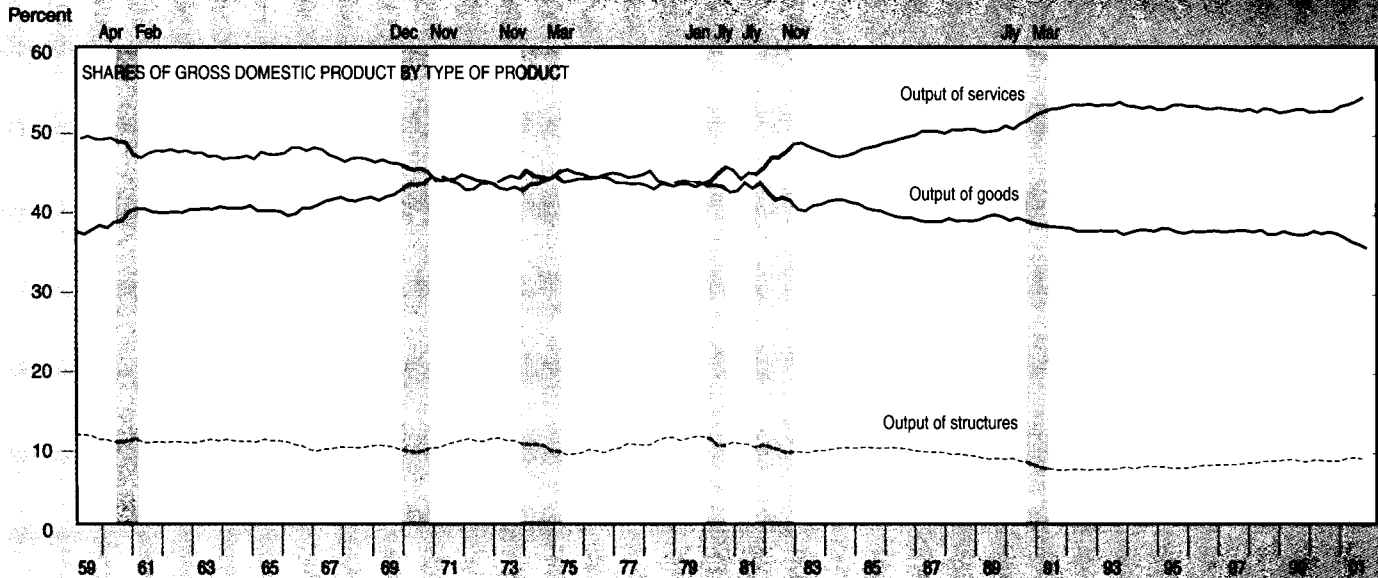
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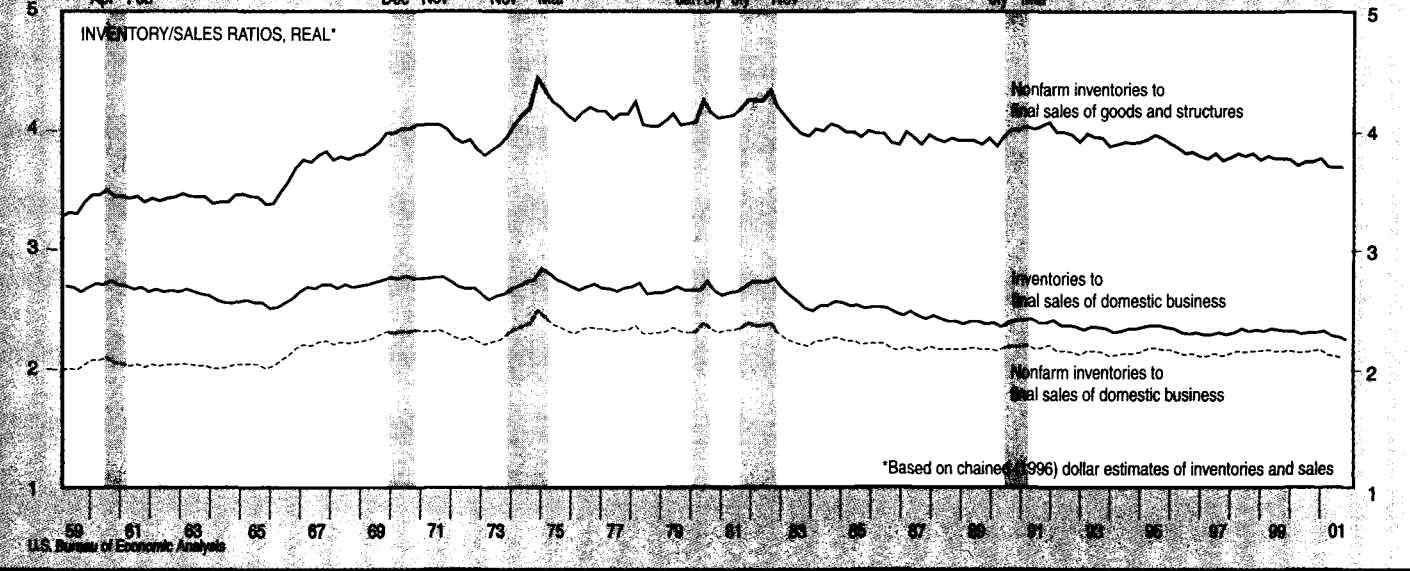
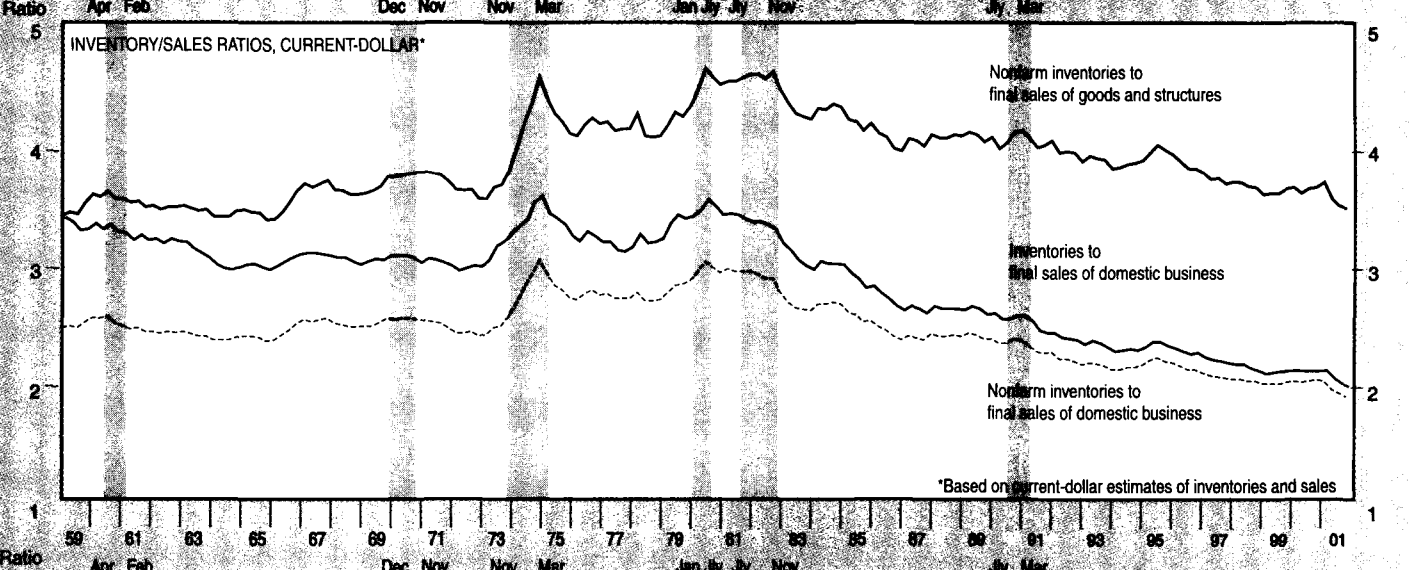
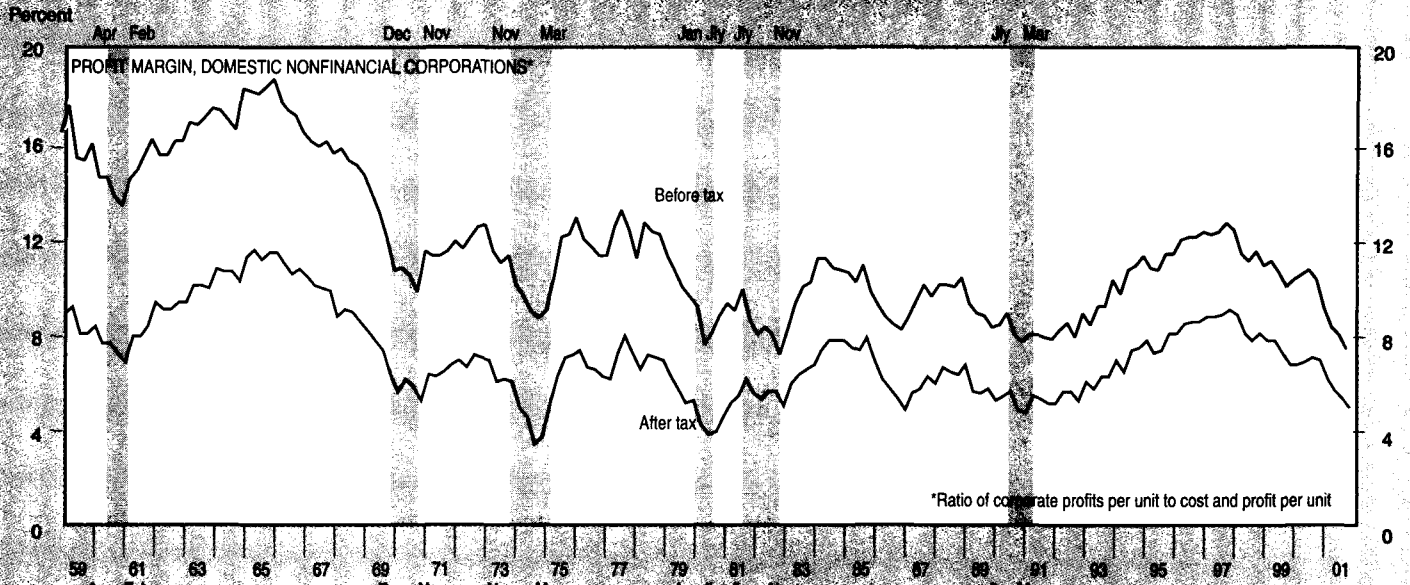
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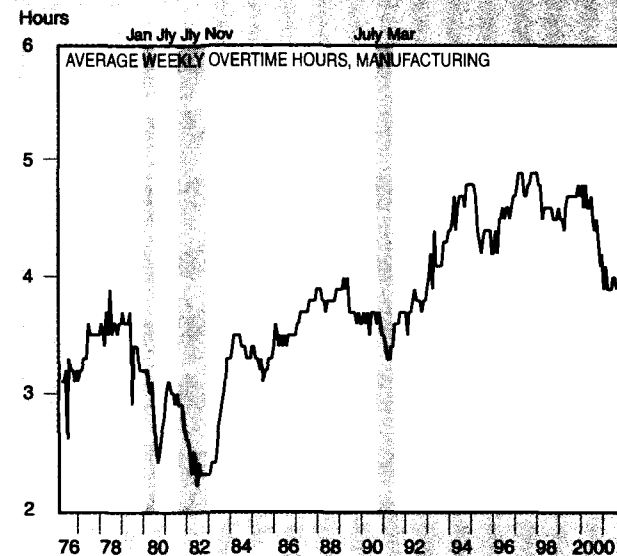
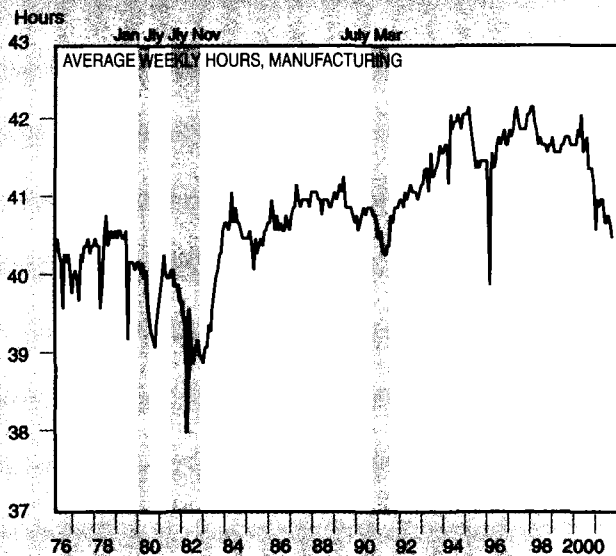
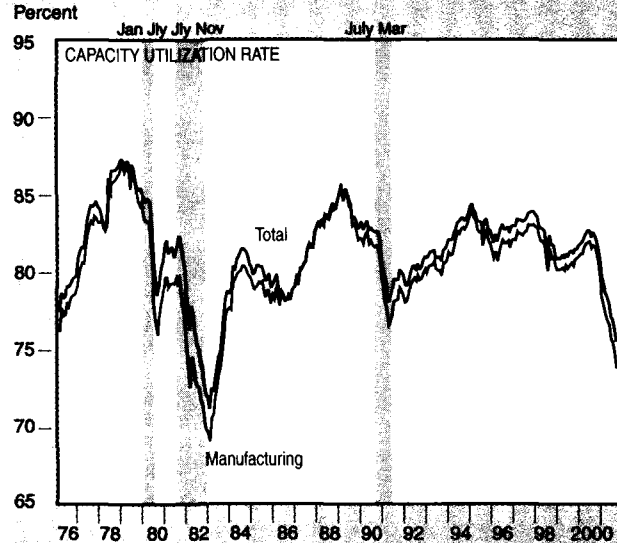
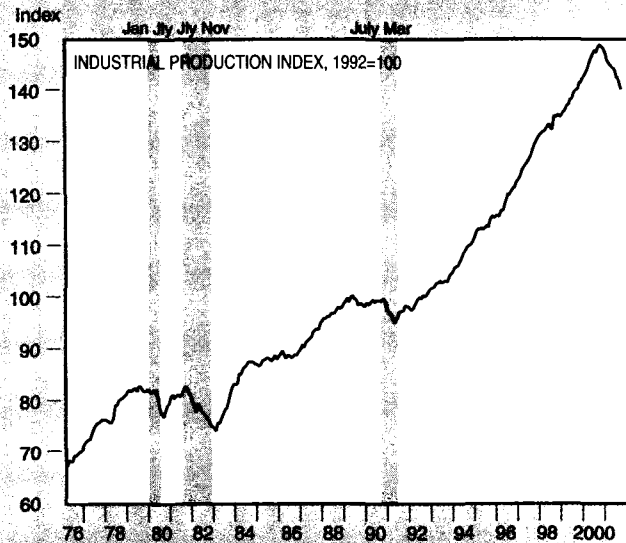
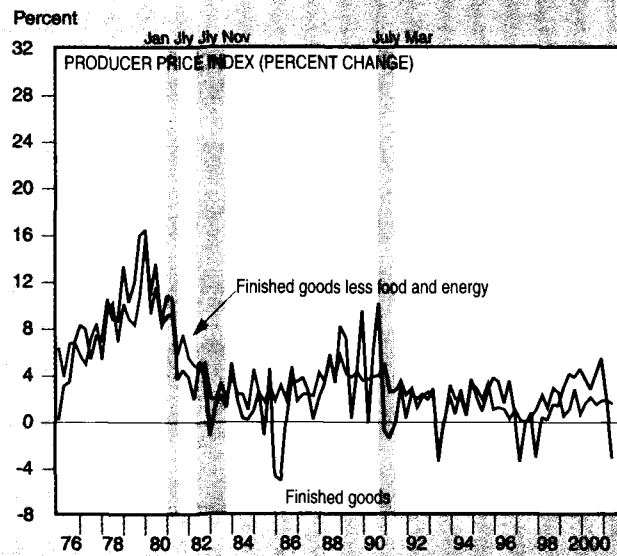
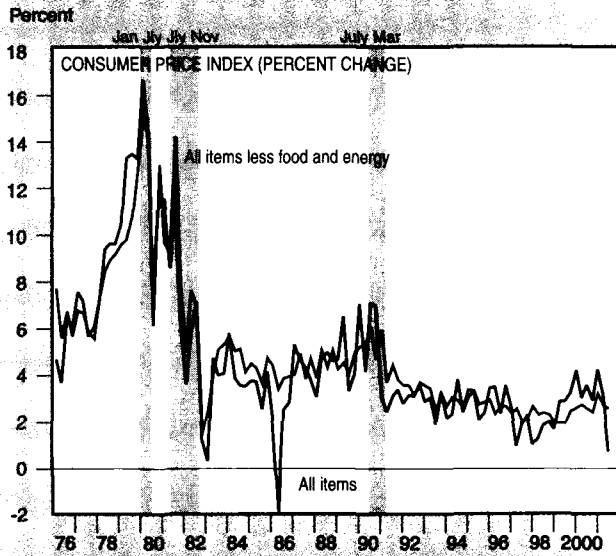
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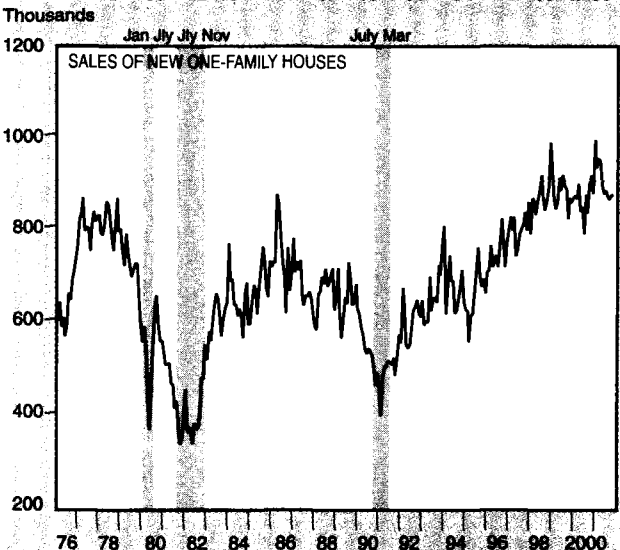
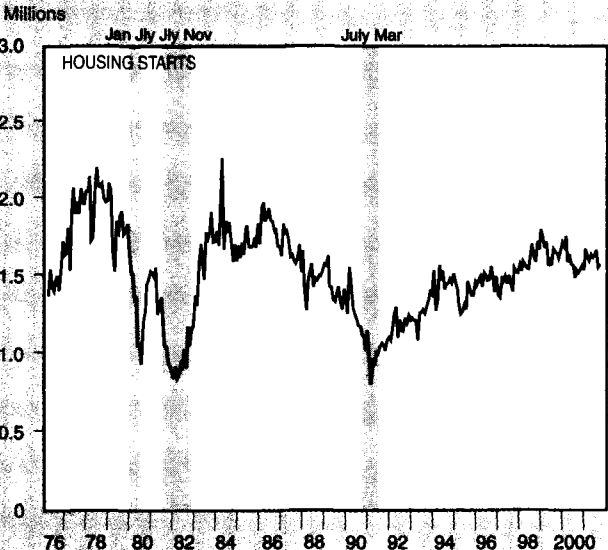
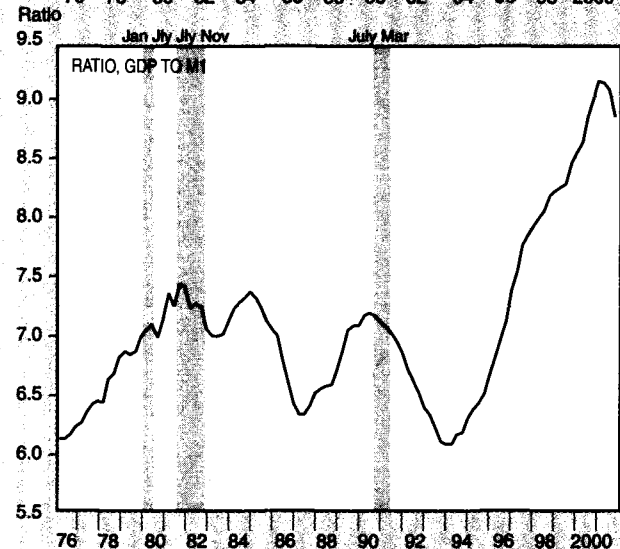
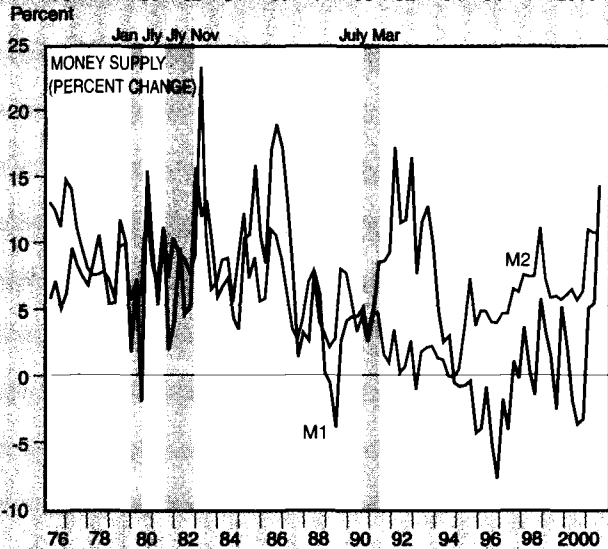
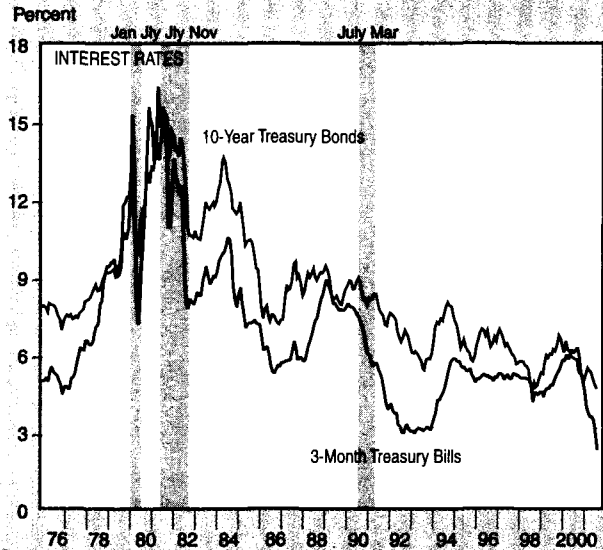
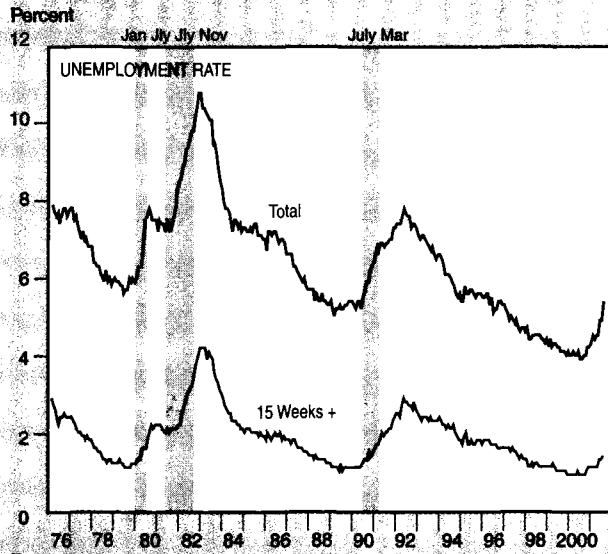


# OTHER INDICATORS OF THE DOMESTIC ECONOMY



U.S. Bureau of Economic Analysis

# OTHER INDICATORS OF THE DOMESTIC ECONOMY



U.S. Bureau of Economic Analysis

## 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 November 20, 2001, and include "preliminary" estimates for September 2001 and "revised" estimates for August 2001. The sources for the other tables in this section are as noted.

Table F.1—U.S. International Transactions in Goods and Services

[Millions of dollars; monthly estimates seasonally adjusted]

	1999	2000	2000					2001								
			Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>f</sup>	Sept. <sup>g</sup>
<b>Exports of goods and services</b> .....	957,353	1,065,702	91,818	91,160	90,412	90,478	89,241	90,059	90,395	88,636	87,064	87,571	85,898	83,595	84,513	77,293
<b>Goods</b> .....	684,553	772,210	67,377	66,773	65,807	65,856	64,574	65,309	65,748	63,884	62,170	62,846	60,848	58,688	59,533	55,554
Foods, feeds, and beverages .....	45,532	47,452	4,151	4,018	4,001	3,940	3,913	3,952	4,136	4,228	4,129	3,979	3,915	3,894	4,157	3,875
Industrial supplies and materials .....	147,000	171,932	14,733	15,140	14,971	15,076	14,302	14,303	14,453	14,398	13,983	13,885	13,468	12,835	13,396	12,364
Capital goods, except automotive .....	310,874	357,034	31,596	31,181	30,586	30,678	30,203	31,216	31,260	29,356	27,916	28,269	27,027	26,324	25,756	24,107
Automotive vehicles, engines, and parts .....	75,085	80,169	7,021	6,629	6,621	6,416	6,274	5,970	5,879	6,095	6,107	6,338	6,630	6,223	6,681	6,409
Consumer goods (nonfood), except automotive .....	81,971	90,555	7,776	7,708	7,467	7,598	7,616	7,799	7,856	7,855	7,914	8,124	7,359	7,435	7,187	6,882
Other goods .....	35,336	34,775	2,868	2,803	2,997	2,977	3,044	2,912	2,894	2,720	2,851	3,090	3,333	2,990	3,109	2,777
Adjustments <sup>1</sup> .....	-11,244	-9,708	-767	-707	-836	-828	-777	-842	-730	-769	-731	-839	-884	-1,013	-753	-858
<b>Services</b> .....	272,800	293,492	24,441	24,387	24,605	24,622	24,667	24,750	24,647	24,752	24,894	24,725	25,050	24,907	24,980	21,739
Travel .....	74,731	82,042	6,688	6,737	6,701	6,842	6,849	6,939	6,908	6,930	6,974	6,764	6,965	6,897	6,926	4,570
Passenger fares .....	19,785	20,745	1,722	1,759	1,714	1,750	1,713	1,757	1,647	1,612	1,659	1,665	1,733	1,744	1,745	1,122
Other transportation .....	26,916	30,185	2,546	2,562	2,614	2,541	2,454	2,516	2,422	2,480	2,424	2,372	2,364	2,331	2,384	2,165
Royalties and license fees .....	36,420	38,030	3,179	3,185	3,193	3,207	3,224	3,174	3,181	3,200	3,265	3,284	3,294	3,285	3,269	3,243
Other private services .....	98,143	107,568	9,096	9,046	9,154	9,071	9,222	9,172	9,288	9,316	9,305	9,381	9,418	9,381	9,389	9,374
Transfers under U.S. military agency sales contracts <sup>2</sup> .....	15,920	14,060	1,137	1,024	1,155	1,136	1,129	1,116	1,125	1,139	1,192	1,185	1,203	1,194	1,192	1,190
U.S. Government miscellaneous services .....	885	862	73	74	74	75	76	76	76	75	75	74	73	75	75	75
<b>Imports of goods and services</b> .....	1,219,191	1,441,441	122,620	125,666	124,437	123,456	122,532	123,453	119,070	121,593	118,582	115,781	114,966	112,763	111,619	95,985
<b>Goods</b> .....	1,029,987	1,224,417	104,215	106,455	106,012	104,811	103,935	104,436	100,362	102,665	99,826	97,295	96,401	94,526	93,606	91,471
Foods, feeds, and beverages .....	43,579	45,975	3,921	3,893	3,824	3,943	3,813	3,919	3,817	3,728	3,745	3,747	3,938	4,065	3,931	3,986
Industrial supplies and materials .....	222,024	299,788	25,397	26,455	26,327	25,490	26,422	26,550	24,770	24,867	24,887	24,619	23,795	23,136	22,356	21,705
Capital goods, except automotive .....	295,272	346,663	29,846	30,676	30,029	29,539	29,769	29,174	28,492	28,746	25,945	24,629	24,390	23,628	23,427	22,483
Automotive vehicles, engines, and parts .....	178,996	195,858	16,679	16,463	16,570	16,280	15,406	15,716	15,560	15,460	16,112	15,651	16,055	15,947	16,463	15,850
Consumer goods (nonfood), except automotive .....	241,702	281,405	23,801	24,206	24,547	24,702	23,902	24,347	23,137	25,439	24,278	23,639	23,662	23,446	23,265	23,308
Other goods .....	43,046	48,333	4,206	4,132	4,106	4,205	4,077	4,151	4,000	3,814	4,256	4,222	3,970	4,077	3,893	3,893
Adjustments <sup>1</sup> .....	5,369	6,395	364	631	609	652	547	577	586	610	604	788	591	228	271	246
<b>Services</b> .....	189,204	217,024	18,405	19,211	18,425	18,645	18,597	19,017	18,708	18,928	18,756	18,486	18,565	18,237	18,013	4,514
Travel .....	58,865	64,537	5,285	5,376	5,245	5,356	5,339	5,333	5,325	5,502	5,493	5,324	5,418	5,243	5,081	3,397
Passenger fares .....	21,315	24,197	2,053	2,098	1,953	2,030	2,037	1,966	1,963	2,024	2,154	2,062	2,190	2,221	2,151	1,485
Other transportation .....	34,139	41,058	3,531	3,579	3,607	3,566	3,545	3,745	3,373	3,396	3,317	3,299	3,207	3,099	3,100	2,845
Royalties and license fees .....	12,613	16,106	1,341	1,883	1,409	1,407	1,437	1,397	1,390	1,379	1,361	1,353	1,348	1,334	1,327	1,324
Other private services .....	46,117	54,687	4,770	4,855	4,843	4,923	4,868	5,148	5,218	5,189	5,030	5,053	5,006	4,936	4,934	-6,022
Direct defense expenditures <sup>2</sup> .....	13,334	13,560	1,184	1,178	1,126	1,121	1,128	1,182	1,193	1,192	1,155	1,149	1,151	1,160	1,176	1,240
U.S. Government miscellaneous services .....	2,821	2,879	241	242	242	242	243	246	246	246	246	246	245	244	244	245
<b>Memoranda:</b>																
Balance on goods .....	-345,434	-452,207	-36,839	-39,682	-40,205	-38,955	-39,360	-39,126	-34,613	-38,781	-37,657	-34,449	-35,553	-35,838	-34,073	-35,917
Balance on services .....	83,596	76,468	6,036	5,176	6,180	5,977	6,070	5,733	5,939	5,824	6,138	6,239	6,485	6,670	6,967	17,225
Balance on goods and services .....	-261,838	-375,739	-30,803	-34,506	-34,025	-32,978	-33,290	-33,393	-28,674	-32,957	-31,519	-28,210	-29,068	-29,168	-27,106	-18,692

<sup>g</sup> Preliminary.<sup>f</sup> 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.3.—U.S. International Transactions, by Area—Continued

[Millions of dollars]

Line	(Credits +, debits -) <sup>1</sup>	Australia			Other countries in Asia and Africa			International organizations and unallocated <sup>16</sup>		
		2000	2001		2000	2001		2000	2001	
		IV	I <sup>r</sup>	II <sup>p</sup>	IV	I <sup>r</sup>	II <sup>p</sup>	IV	I <sup>r</sup>	II <sup>p</sup>
<b>Current account</b>										
1	Exports of goods and services and income receipts.....	6,386	5,463	5,646	67,250	65,272	59,637	9,101	8,594	8,670
2	Exports of goods and services.....	4,273	3,996	4,134	58,213	56,853	52,383	1,610	1,533	1,528
3	Goods, balance of payments basis <sup>2</sup> .....	2,940	2,704	2,638	43,148	41,288	37,905	.....	.....	.....
4	Services <sup>3</sup> .....	1,333	1,292	1,496	15,065	15,565	14,478	1,610	1,533	1,528
5	Transfers under U.S. military agency sales contracts <sup>4</sup> .....	34	61	108	2,221	1,878	1,790	.....	.....	.....
6	Travel.....	406	365	502	2,938	2,769	3,618	.....	.....	.....
7	Passenger fares.....	125	113	131	456	445	416	.....	.....	.....
8	Other transportation.....	78	72	77	2,557	2,371	2,309	139	140	127
9	Royalties and license fees <sup>5</sup> .....	186	177	185	1,298	1,210	1,243	533	484	499
10	Other private services <sup>6</sup> .....	502	502	491	5,510	6,811	5,021	938	909	902
11	U.S. Government miscellaneous services.....	2	2	2	85	81	81	.....	.....	.....
12	Income receipts.....	2,113	1,467	1,512	9,037	8,419	7,254	7,491	7,061	7,142
13	Income receipts on U.S.-owned assets abroad.....	2,112	1,466	1,511	9,017	8,398	7,233	7,013	6,569	6,645
14	Direct investment receipts.....	1,129	580	668	6,135	5,536	4,757	3,836	3,962	3,976
15	Other private receipts.....	983	886	843	2,647	2,588	2,228	2,997	2,419	2,512
16	U.S. Government receipts.....	.....	.....	.....	235	274	248	180	188	157
17	Compensation of employees.....	1	1	1	20	21	21	478	492	497
18	Imports of goods and services and income payments.....	-2,944	-2,528	-3,341	-117,210	-104,148	-102,114	-3,789	-3,749	-3,677
19	Imports of goods and services.....	-2,526	-2,331	-2,538	-107,916	-94,838	-93,364	-698	-732	-688
20	Goods, balance of payments basis <sup>2</sup> .....	-1,669	-1,457	-1,664	-97,283	-84,524	-83,261	.....	.....	.....
21	Services <sup>3</sup> .....	-857	-874	-874	-10,633	-10,314	-10,103	-698	-732	-688
22	Direct defense expenditures.....	-16	-16	-15	-886	-1,026	-910	.....	.....	.....
23	Travel.....	-342	-398	-400	-3,127	-2,906	-2,987	.....	.....	.....
24	Passenger fares.....	-176	-164	-155	-1,247	-1,408	-1,316	.....	.....	.....
25	Other transportation.....	-59	-58	-55	-3,433	-3,119	-2,941	-437	-474	-435
26	Royalties and license fees <sup>5</sup> .....	-16	-13	-16	-81	-81	-90	-181	-140	-138
27	Other private services <sup>6</sup> .....	-239	-217	-225	-1,657	-1,570	-1,654	-80	-117	-115
28	U.S. Government miscellaneous services.....	9	8	8	-192	-204	-205	.....	.....	.....
29	Income payments.....	-418	-197	-803	-9,294	-9,310	-8,750	-3,091	-3,017	-2,989
30	Income payments on foreign-owned assets in the United States.....	-416	-195	-802	-9,129	-9,146	-8,639	-3,091	-3,017	-2,989
31	Direct investment payments.....	17	195	-438	11	-31	-133	-2,123	-2,100	-2,111
32	Other private payments.....	-291	-253	-237	-3,503	-3,736	-3,117	-964	-911	-872
33	U.S. Government payments.....	-142	-137	-127	-5,637	-5,379	-5,389	-4	-6	-6
34	Compensation of employees.....	-2	-2	-1	-165	-164	-111	.....	.....	.....
35	Unilateral current transfers, net.....	-75	-90	-84	-8,852	-4,186	-3,870	-2,730	-1,998	-1,955
36	U.S. Government grants <sup>4</sup> .....	.....	.....	.....	-6,016	-1,074	-1,159	-168	-253	-171
37	U.S. Government pensions and other transfers.....	-11	-11	-10	-123	-154	-132	-756	-267	-90
38	Private remittances and other transfers <sup>8</sup> .....	-64	-79	-74	-2,713	-2,958	-2,579	-1,806	-1,478	-1,694
<b>Capital and financial account</b>										
<b>Capital account</b>										
39	Capital account transactions, net.....	2	1	1	34	36	35	.....	.....	.....
<b>Financial account</b>										
40	U.S.-owned assets abroad, net (increase/financial outflow (-)).....	521	1,255	774	4,940	-11,054	-5,188	-5,496	-673	-3,110
41	U.S. official reserve assets, net.....	.....	.....	.....	.....	.....	.....	-1,263	385	-1,171
42	Gold <sup>7</sup> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Special drawing rights.....	.....	.....	.....	.....	.....	.....	-180	-189	-156
44	Reserve position in the International Monetary Fund.....	.....	.....	.....	.....	.....	.....	-1,083	574	-1,015
45	Foreign currencies.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
46	U.S. Government assets, other than official reserve assets, net.....	.....	.....	.....	-236	245	-501	-358	-355	-377
47	U.S. credits and other long-term assets.....	.....	.....	.....	-309	-475	-806	-358	-355	-377
48	Repayments on U.S. credits and other long-term assets <sup>8</sup> .....	.....	.....	.....	254	582	312	.....	.....	.....
49	U.S. foreign currency holdings and US short-term assets, net.....	.....	.....	.....	-181	138	-7	.....	.....	.....
50	U.S. private assets, net.....	521	1,255	774	5,176	-11,299	-4,687	-3,875	-703	-1,562
51	Direct investment.....	-1,236	938	-615	-2,765	-6,939	-3,604	-3,308	-3,360	-3,625
52	Foreign securities.....	-69	-53	-1,992	4,655	-569	-108	-432	1,058	122
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns.....	1,775	-61	.....	-494	-2,355	.....	-80	2	3,397
54	U.S. claims reported by U.S. banks, not included elsewhere.....	51	431	3,381	3,780	-1,436	-975	-55	1,597	-1,456
55	Foreign-owned assets in the United States, net (increase/financial inflow (+)).....	2,524	-786	-641	20,236	29,420	-2,969	5,292	5,474	5,100
56	Foreign official assets in the United States, net.....	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	.....
57	U.S. Government securities.....	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	.....
58	U.S. Treasury Securities <sup>9</sup> .....	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	.....
59	Other <sup>10</sup> .....	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	.....
60	Other U.S. Government liabilities <sup>11</sup> .....	35	3	-53	-267	-748	-386	.....	.....	.....
61	U.S. liabilities reported by U.S. banks, not included elsewhere.....	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	.....
62	Other foreign official assets <sup>12</sup> .....	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	.....
63	Other foreign assets in the United States, net.....	(18)	(18)	(18)	(18)	(18)	(18)	5,292	5,474	5,099
64	Direct investment.....	1,082	-4	-392	1,904	-489	399	1,738	1,833	1,944
65	U.S. Treasury securities.....	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	.....
66	U.S. securities other than U.S. Treasury securities.....	571	-129	-582	13,596	22,876	15,756	-148	290	-34
67	U.S. currency.....	.....	.....	.....	.....	.....	.....	6,230	2,311	2,772
68	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns.....	-25	224	.....	-5,129	215	.....	69	44	-2,734
69	U.S. liabilities reported by U.S. banks, not included elsewhere.....	861	-880	366	10,132	7,566	-18,728	-2,597	996	3,151
70	Statistical discrepancy (sum of above items with sign reversed).....	-6,414	-3,315	-2,355	33,602	24,660	54,469	-2,378	-7,648	-5,028
<b>Memoranda:</b>										
71	Balance on goods (lines 3 and 20).....	1,271	1,247	974	-54,135	-43,236	-45,356	.....	.....	.....
72	Balance on services (lines 4 and 21).....	476	418	622	4,432	5,251	4,375	912	801	840
73	Balance on goods and services (lines 2 and 19).....	1,747	1,665	1,596	-49,703	-37,985	-40,981	912	801	840
74	Balance on income (lines 12 and 29).....	1,695	1,270	709	-257	-891	-1,496	4,400	4,044	4,153
75	Unilateral current transfers, net (line 35).....	-75	-90	-84	-8,852	-4,186	-3,870	-2,730	-1,998	-1,955
76	Balance on current account (lines 1, 18 and 35 or lines 73, 74, and 75) <sup>13</sup> .....	3,367	2,845	2,221	-58,812	-43,062	-46,347	2,582	2,847	3,038

15. The "European Union (6)" includes Belgium, France, Germany (includes the former German Democratic Republic (East Germany) beginning in the fourth quarter of 1990), Italy, Luxembourg, Netherlands, European Atomic Energy Community, European Coal and Steel Community, and European Investment Bank.

16. Includes, as part of international and unallocated, the estimated direct investment in foreign affiliates engaged in international shipping, in operating oil and gas drilling equipment internationally, and in petroleum trading. Also includes taxes withheld; current-cost adjustments associated with U.S. and foreign direct investment; small transactions in business services that are not reported by country; and net U.S. currency flows, for

which geographic source data are not available.

17. Details not shown separately; see totals in lines 56 and 63.

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

NOTE.—The data in tables F.2 and F.3 are from tables 1 and 10 in "U.S. International Transactions, Second Quarter 2001" in the October 2001 issue of the Survey, which presents the most recent estimates from the U.S. international transactions accounts.

Table F.4—Private Services Transactions

[Millions of dollars]

Line		Not seasonally adjusted						Seasonally adjusted				
		2000	2000			2001		2000			2001	
			II	III	IV	I <sup>r</sup>	II <sup>p</sup>	II	III	IV	I <sup>r</sup>	II <sup>p</sup>
1	<b>Exports of private services</b> .....	<b>278,570</b>	<b>68,526</b>	<b>73,821</b>	<b>69,958</b>	<b>68,306</b>	<b>69,082</b>	<b>70,141</b>	<b>69,675</b>	<b>70,249</b>	<b>70,543</b>	<b>70,867</b>
2	Travel (table F2, line 6).....	82,042	21,236	23,427	19,487	18,170	20,970	20,976	20,226	20,392	20,777	20,703
3	Passenger fares (table F2, line 7).....	20,745	5,237	5,874	5,007	4,648	4,961	5,342	5,213	5,177	5,016	5,057
4	Other transportation (table F2, line 8).....	30,185	7,615	7,964	7,571	7,085	7,152	7,619	7,593	7,609	7,418	7,160
5	Freight.....	13,236	3,319	3,342	3,388	3,093	3,082	3,297	3,372	3,333	3,139	3,062
6	Port services.....	16,950	4,296	4,622	4,183	3,992	4,070	4,322	4,221	4,276	4,279	4,098
7	Royalties and license fees (table F2, line 9).....	38,030	9,270	9,361	10,300	9,304	9,560	9,525	9,538	9,624	9,555	9,843
8	Affiliated.....	26,621	6,447	6,485	7,365	6,301	6,485	6,702	6,662	6,689	6,552	6,768
9	U.S. parents' receipts.....	24,444	6,044	5,939	6,558	5,697	5,876	6,203	6,071	6,047	5,909	6,026
10	U.S. affiliates' receipts.....	2,177	403	546	807	604	609	499	591	642	643	742
11	Unaffiliated.....	11,409	2,823	2,876	2,935	3,003	3,075	2,823	2,876	2,935	3,003	3,075
12	Industrial processes <sup>1</sup> .....	4,421	1,095	1,116	1,138	1,159	1,181	1,095	1,116	1,138	1,159	1,191
13	Other <sup>2</sup> .....	6,987	1,728	1,759	1,798	1,843	1,894	1,728	1,759	1,798	1,843	1,894
14	Other private services (table F2, line 10).....	107,568	25,168	27,195	27,593	29,099	26,439	26,679	27,105	27,447	27,777	28,104
15	Affiliated services.....	31,628	7,505	7,797	8,872	8,495	8,485	7,738	7,954	8,212	8,786	8,767
16	U.S. parents' receipts.....	19,604	4,860	4,701	5,422	4,926	5,165	4,897	4,894	5,016	5,110	5,201
17	U.S. affiliates' receipts.....	12,024	2,645	3,096	3,450	3,569	3,320	2,841	3,060	3,196	3,676	3,566
18	Unaffiliated services.....	75,940	17,663	19,398	18,721	20,604	17,954	18,941	19,151	19,235	18,991	19,337
19	Education.....	10,287	1,292	2,778	2,114	4,365	1,377	2,540	2,608	2,668	2,649	2,726
20	Financial services.....	17,042	4,371	4,309	4,138	3,727	3,724	4,371	4,309	4,138	3,727	3,724
21	Insurance, net.....	2,412	595	671	667	770	706	595	571	667	770	796
22	Premiums received.....	8,898	2,182	2,294	2,375	2,425	2,456	2,182	2,294	2,375	2,425	2,456
23	Losses paid.....	6,486	1,387	1,624	1,708	1,655	1,660	1,587	1,624	1,708	1,655	1,660
24	Telecommunications.....	3,843	963	952	941	950	986	963	952	941	950	986
25	Business, professional, and technical services.....	28,026	6,949	7,018	7,099	7,149	7,316	6,949	7,018	7,099	7,149	7,316
26	Other unaffiliated services <sup>3</sup> .....	14,331	3,494	3,671	3,762	3,642	3,755	3,524	3,594	3,722	3,745	3,789
27	<b>Imports of private services</b> .....	<b>200,585</b>	<b>51,820</b>	<b>55,296</b>	<b>49,519</b>	<b>48,138</b>	<b>54,185</b>	<b>49,281</b>	<b>51,688</b>	<b>51,565</b>	<b>52,348</b>	<b>51,614</b>
28	Travel (table F2, line 23).....	64,537	18,320	18,748	13,595	13,675	18,404	16,123	16,075	15,940	16,160	16,235
29	Passenger fares (table F2, line 24).....	24,197	6,845	6,923	5,333	5,434	6,944	6,146	6,226	6,020	5,953	6,406
30	Other transportation (table F2, line 25).....	41,058	10,034	10,932	10,787	10,100	9,765	10,097	10,554	10,718	10,514	9,823
31	Freight.....	26,979	6,530	7,243	7,192	6,791	6,325	6,548	6,377	7,171	7,088	6,341
32	Port services.....	14,083	3,504	3,689	3,595	3,309	3,440	3,549	3,577	3,547	3,426	3,482
33	Royalties and license fees (table F2, line 26).....	16,106	3,644	4,381	4,561	4,070	4,000	3,715	4,535	4,253	4,166	4,062
34	Affiliated.....	12,170	2,807	3,001	3,645	3,174	3,084	2,878	3,155	3,337	3,270	3,146
35	U.S. parents' payments.....	2,184	530	542	570	539	563	530	542	570	539	563
36	U.S. affiliates' payments.....	9,986	2,277	2,459	3,075	2,635	2,521	2,348	2,613	2,767	2,731	2,583
37	Unaffiliated.....	3,936	837	1,380	916	896	916	837	1,380	916	896	916
38	Industrial processes <sup>1</sup> .....	1,852	459	464	472	486	501	459	464	472	486	501
39	Other <sup>2</sup> .....	2,084	378	916	444	410	415	378	916	444	410	415
40	Other private services (table F2, line 27).....	54,687	13,177	14,312	15,243	14,859	15,072	13,200	14,298	14,634	15,555	15,088
41	Affiliated services.....	25,300	6,041	6,333	7,222	6,899	6,988	6,065	6,464	6,568	7,476	7,005
42	U.S. parents' payments.....	12,980	3,138	3,205	3,528	3,130	3,556	3,140	3,304	3,098	3,462	3,563
43	U.S. affiliates' payments.....	12,320	2,903	3,128	3,694	3,769	3,432	2,925	3,160	3,470	4,014	3,442
44	Unaffiliated services.....	29,387	7,136	7,979	8,021	7,960	8,084	7,135	7,834	8,066	8,079	8,083
45	Education.....	2,140	525	689	526	466	611	524	544	570	585	610
46	Financial services.....	4,482	1,157	1,195	1,027	1,104	1,069	1,157	1,195	1,027	1,104	1,069
47	Insurance, net.....	9,189	2,058	2,730	3,167	3,100	3,122	2,058	2,730	3,167	3,100	3,122
48	Premiums paid.....	27,923	6,809	7,242	7,569	7,791	7,951	6,809	7,242	7,569	7,791	7,951
49	Losses recovered.....	18,734	4,750	4,512	4,401	4,691	4,829	4,512	4,401	4,691	4,691	4,829
50	Telecommunications.....	5,360	1,337	1,331	1,283	1,252	1,217	1,337	1,331	1,283	1,252	1,217
51	Business, professional, and technical services.....	7,776	1,949	1,925	1,905	1,936	1,950	1,949	1,925	1,905	1,936	1,950
52	Other unaffiliated services <sup>3</sup> .....	440	110	109	113	102	116	110	109	113	102	116
53	<b>Memoranda:</b>											
53	Balance on goods (table F2, line 71).....	-452,207	-108,029	-124,233	-120,450	-103,887	-103,829	-111,671	-114,611	-118,520	-112,520	-107,801
54	Balance on private services (line 1 minus line 27).....	77,985	16,706	18,525	20,439	20,168	14,897	20,860	17,987	18,684	18,195	19,253
55	Balance on goods and private services (lines 53 and 54).....	-374,222	-91,323	-105,708	-100,011	-83,719	-88,932	-90,811	-96,624	-99,836	-94,325	-88,548

<sup>p</sup> Preliminary.<sup>r</sup> Revised.

1. Patented techniques, processes, and formulas and other intangible property rights that are used in goods production.

2. Copyrights, trademarks, franchises, rights to broadcast live events, software licensing fees, and other intangible property rights.

3. Other unaffiliated services receipts (exports) include mainly expenditures of foreign governments and inter-

national organizations in the United States and film and television tape rentals. Payments (imports) include mainly expenditures of U.S. residents temporarily working abroad and film and television tape rentals.

NOTE.—The data in this table are from table 3 in "U.S. International Transactions, Second Quarter 2001" in the October 2001 issue of the SURVEY, which presents the most recent estimates from the U.S. international transactions accounts.

## G. Investment Tables

Table G.1.—International Investment Position of the United States at Yearend, 1999 and 2000

[Millions of dollars]

Line	Type of investment	Position, 1999 <sup>r</sup>	Changes in position in 2000 (decrease (-))					Position, 2000 <sup>p</sup>
			Attributable to:				Total (a+b+c+d)	
			Financial flows	Valuation adjustments				
				Price changes	Exchange rate changes <sup>1</sup>	Other changes <sup>2</sup>		
		(a)	(b)	(c)	(d)			
1	<b>Net international investment position of the United States:</b>							
2	<b>With direct investment positions at current cost (line 3 less line 24)</b>	-1,099,786	-443,266	-189,189	-161,397	50,975	-742,877	-1,842,663
2	<b>With direct investment positions at market value (line 4 less line 25)</b>	-1,525,347	-443,266	-42,232	-233,846	57,247	-662,097	-2,187,444
3	<b>U.S.-owned assets abroad:</b>							
3	<b>With direct investment positions at current cost (lines 5+10+15) ...</b>	5,921,099	580,952	-162,350	-194,351	21,862	246,113	6,167,212
4	<b>With direct investment positions at market value (lines 5+10+16) ...</b>	7,206,320	580,952	-364,486	-264,903	31,909	-16,528	7,189,792
5	U.S. official reserve assets	136,418	290		-4,157	-17	-8,018	128,400
6	Gold	75,950		<sup>3</sup> -4,134		<sup>4</sup> -17	-4,151	71,799
7	Special drawing rights	10,336	722		-519		203	10,539
8	Reserve position in the International Monetary Fund	17,950	-2,308		-818		-3,126	14,824
9	Foreign currencies	32,182	1,876		-2,820		-944	31,238
10	U.S. Government assets, other than official reserve assets	84,227	944				944	85,171
11	U.S. credits and other long-term assets <sup>5</sup>	81,657	920				920	82,577
12	Repayable in dollars	81,367	929				929	82,296
13	Other <sup>6</sup>	290	-9				-9	281
14	U.S. foreign currency holdings and U.S. short-term assets	2,570	24				24	2,594
15	U.S. private assets:	5,700,454	579,718	-158,216	-190,194	21,879	253,187	5,953,641
16	With direct investment at current cost (lines 17+19+22+23)	6,985,675	579,718	-360,352	-260,746	31,926	-9,454	6,976,221
17	Direct investment abroad:							
18	At current cost	1,327,954	152,437	6,128	-21,975	-19,367	117,223	1,445,177
19	At market value	2,613,175	152,437	-196,008	-92,527	-9,320	-145,418	2,467,757
20	Foreign securities	2,604,383	124,935	-164,344	-158,470		-197,879	2,406,504
21	Bonds	577,745	25,200	-10,672	-14,579		-51	577,694
22	Corporate stocks	2,026,638	99,735	-153,672	-143,891		-197,828	1,828,810
23	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	667,732	163,846		-6,327		157,519	825,251
23	U.S. claims reported by U.S. banks, not included elsewhere	1,100,385	138,500		-3,422	41,246	176,324	1,276,709
24	<b>Foreign-owned assets in the United States:</b>							
24	<b>With direct investment at current cost (lines 26+33)</b>	7,020,885	1,024,218	26,839	-32,954	-29,113	988,990	8,009,875
25	<b>With direct investment at market value (lines 26+34)</b>	8,731,667	1,024,218	-322,254	-31,057	-25,338	645,569	9,377,236
26	Foreign official assets in the United States	870,364	37,619	14,446			52,065	922,429
27	U.S. Government securities	628,907	30,676	17,314			47,990	676,897
28	U.S. Treasury securities	578,225	-10,233	14,352			4,119	582,344
29	Other	50,682	40,909	2,962			43,871	94,553
30	Other U.S. Government liabilities <sup>7</sup>	15,486	-1,987				-1,987	13,499
31	U.S. liabilities reported by U.S. banks, not included elsewhere	138,847	5,803				5,803	144,650
32	Other foreign official assets	87,124	3,127	-2,868			259	87,383
33	Other foreign assets:	6,150,521	986,599	12,393	-32,954	-29,113	936,925	7,087,446
34	With direct investment at current cost (lines 35+37+38+41+42+43)	7,861,303	986,599	-336,700	-31,057	-25,338	593,504	8,454,807
35	Direct investment in the United States:							
36	At current cost	1,094,439	287,655	102	-1,897	-10,794	275,066	1,369,505
37	At market value	2,805,221	287,655	-348,991		-7,019	-68,355	2,736,866
38	U.S. Treasury securities	660,693	-52,792	31,783			-21,009	639,684
39	U.S. securities other than U.S. Treasury securities	2,522,009	485,644	-19,492	-24,188		441,964	2,963,973
40	Corporate and other bonds	1,061,924	292,904	43,619	-24,188		312,335	1,374,259
41	Corporate stocks	1,460,085	192,740	-63,111			129,629	1,589,714
42	U.S. currency	250,657	1,129				1,129	251,786
43	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	555,566	177,010		-1,519	-8,319	167,172	722,738
44	U.S. liabilities reported by U.S. banks, not included elsewhere	1,067,157	87,953		-5,350	-10,000	72,603	1,139,760

<sup>p</sup> Preliminary.<sup>r</sup> Revised.

1. Represents gains or losses on foreign-currency-denominated assets due to their revaluation at current exchange rates.

2. Includes changes in coverage, statistical discrepancies, and other adjustments to the value of assets.

3. Reflects changes in the value of the official gold stock due to fluctuations in the market price of gold.

4. Reflects changes in gold stock from U.S. Treasury sales of gold medallions and commemorative and bullion coins; also reflects replenishment through open market purchases. These demonetizations/monetizations are not included in international transactions financial flows.

5. Also includes paid-in capital subscriptions to international financial institutions and outstanding amounts of miscellaneous claims that have been settled through international agreements to be payable to the U.S. Government over periods in excess of 1 year. Excludes World War I debts that are not being serviced.

6. Includes indebtedness that the borrower may contractually, or at its option, repay with its currency, with a third country's currency, or by delivery of materials or transfer of services.

7. Primarily U.S. Government liabilities associated with military sales contracts and other transactions arranged with or through foreign official agencies.

NOTE.—The data in this table are from table 1 in "The International Investment Position of the United States at Yearend 2000," in the July 2001 issue of the SURVEY OF CURRENT BUSINESS.

**Table G.2.—U.S. Direct Investment Abroad: Selected Items, by Country and by Industry of Foreign Affiliate, 1998–2000**  
(Millions of dollars)

	Direct investment position on a historical-cost basis			Capital outflows (inflows (-))			Income		
	1998	1999	2000	1998	1999	2000	1998	1999	2000
<b>All countries, all industries</b> .....	<b>1,000,703</b>	<b>1,130,789</b>	<b>1,244,654</b>	<b>131,004</b>	<b>142,551</b>	<b>139,257</b>	<b>90,676</b>	<b>109,179</b>	<b>134,787</b>
<b>By country</b>									
Canada .....	98,200	111,051	126,421	7,832	15,947	18,301	7,601	11,986	14,518
Europe .....	518,433	588,341	648,731	86,129	82,016	76,935	50,695	55,982	67,154
<i>Of which:</i>									
France .....	42,328	40,009	39,087	4,323	1,585	1,220	2,164	1,722	2,406
Germany .....	47,685	50,892	53,610	3,051	5,796	2,173	5,081	5,100	4,350
Netherlands .....	89,978	105,571	115,506	22,213	8,337	10,927	10,078	11,315	11,888
Switzerland .....	38,225	48,849	54,873	8,223	11,108	8,578	6,152	6,759	7,161
United Kingdom .....	183,035	212,007	233,384	29,094	35,019	28,976	11,852	14,604	21,833
Latin America and Other Western Hemisphere.....	196,755	220,705	239,388	16,699	20,601	19,947	17,019	18,909	19,116
<i>Of which:</i>									
Bermuda .....	41,908	47,119	54,114	2,358	4,025	7,507	3,658	4,295	5,793
Brazil .....	37,195	34,276	35,560	4,382	1,291	2,285	2,807	1,586	1,803
Mexico .....	26,657	32,262	35,414	4,593	5,084	3,542	3,760	4,507	4,258
Panama .....	25,924	33,027	35,407	682	1,834	1,819	1,823	2,077	1,325
Africa.....	14,061	14,884	15,813	3,075	1,611	1,149	1,399	2,016	2,973
Middle East .....	10,739	10,519	11,851	2,092	611	1,920	1,021	1,139	2,117
Asia and Pacific.....	159,678	181,882	199,599	14,715	20,992	20,951	12,380	18,984	28,881
<i>Of which:</i>									
Australia.....	31,483	34,776	35,324	6,284	4,100	1,464	1,908	2,466	3,625
Japan.....	41,423	49,438	55,606	6,428	5,179	8,060	2,010	4,130	7,266
International.....	2,837	3,406	2,851	462	773	53	561	163	27
<b>By industry</b>									
Petroleum.....	91,248	97,864	105,486	7,491	11,676	10,403	7,227	10,094	18,524
Manufacturing.....	290,070	312,072	343,992	23,122	34,102	44,101	29,683	33,966	39,268
Food and kindred products.....	35,304	35,151	36,840	2,133	257	2,645	4,305	3,805	3,847
Chemicals and allied products.....	79,446	83,524	86,081	6,110	7,960	4,210	8,213	9,356	9,995
Primary and fabricated metals.....	18,379	18,930	18,713	2,897	1,213	477	1,234	1,432	1,709
Industrial machinery and equipment.....	30,928	34,944	42,523	1,789	4,877	8,521	5,699	4,379	6,839
Electronic and other electric equipment.....	32,077	37,474	43,441	2,820	5,716	9,113	2,053	4,153	5,177
Transportation equipment.....	33,888	36,133	41,099	-1,356	5,736	7,254	2,417	4,556	3,646
Other manufacturing.....	60,048	65,916	75,294	8,728	8,344	11,882	5,762	6,284	8,055
Wholesale trade.....	68,742	80,254	88,090	5,524	11,849	10,288	8,992	10,477	13,079
Depository institutions.....	40,020	38,382	37,155	2,112	-1,338	-2,306	734	1,655	1,788
Finance, (except depository institutions), insurance, and real estate.....	375,368	443,263	497,267	62,229	55,011	58,344	34,765	41,429	50,996
Services.....	59,148	70,398	79,857	11,934	11,632	11,455	6,089	8,486	8,738
Other industries.....	76,108	88,556	92,809	18,591	19,618	6,971	3,186	3,072	2,395

NOTE.—In this table, unlike in the international transactions accounts, income and capital outflows are shown without a current-cost adjustment, and income is shown net of withholding taxes. In addition, unlike in the international investment position, the direct investment position is valued at historical cost.

The data in this table are from tables 16 and 17 in "U.S. Direct Investment Abroad: Detail for Historical-Cost Position and Related Capital and Income Flows, 2000" in the September 2001 issue of the SURVEY OF CURRENT BUSINESS.

Table G.3.—Selected Financial and Operating Data for Nonbank Foreign Affiliates and Majority-Owned Nonbank Foreign Affiliates of U.S. Companies by Country and by Industry of Affiliate, 1998

	All nonbank affiliates						Majority-owned nonbank foreign affiliates (MOFA's)						
	Millions of dollars					Thou- sands of employ- ees	Millions of dollars						Thou- sands of employ- ees
	Total assets	Sales	Net income	U.S. ex- ports of goods shipped to affil- iates	U.S. im- ports of goods shipped by affil- iates		Total assets	Sales	Net income	Gross product	U.S. ex- ports of goods shipped to MOFA's	U.S. im- ports of goods shipped by MOFA's	
<b>All countries, all industries</b>	<b>4,000,842</b>	<b>2,443,350</b>	<b>155,292</b>	<b>217,153</b>	<b>187,610</b>	<b>8,388.0</b>	<b>3,434,808</b>	<b>2,027,782</b>	<b>136,957</b>	<b>510,735</b>	<b>210,634</b>	<b>178,150</b>	<b>6,899.9</b>
<b>By country</b>													
Canada .....	313,647	263,849	10,666	67,776	70,577	935.3	284,995	242,668	9,992	54,739	65,988	67,601	862.1
Europe .....	2,302,253	1,331,199	90,889	63,782	36,638	3,532.2	2,093,970	1,148,312	84,422	303,505	62,802	35,463	3,145.2
<i>Of which:</i>													
France .....	171,797	141,586	4,391	(P)	3,907	501.1	146,118	123,941	4,538	35,915	5,362	3,729	447.9
Germany .....	279,338	253,825	11,759	8,322	4,542	643.1	233,313	188,259	9,820	56,464	8,304	4,519	590.0
Netherlands .....	244,324	140,385	16,601	(P)	(P)	179.9	226,984	118,114	14,904	20,243	13,605	2,739	167.5
United Kingdom .....	1,025,588	366,114	15,646	13,839	9,924	1,038.7	973,745	334,572	16,128	90,735	13,803	9,854	953.5
Latin America and Other Western Hemisphere .....	570,042	297,670	31,792	37,081	37,759	1,807.4	434,375	230,736	22,728	61,336	35,677	36,271	1,416.4
<i>Of which:</i>													
Brazil .....	129,977	83,715	5,003	4,168	2,882	395.1	84,673	64,555	3,239	21,922	4,015	2,753	341.5
Mexico .....	99,105	98,344	8,861	24,660	27,223	907.1	55,006	65,147	4,114	13,961	23,802	26,061	668.9
Africa .....	47,990	28,033	2,155	887	(D)	202.9	35,867	20,830	1,551	6,752	856	1,542	111.2
Middle East .....	40,169	22,443	1,506	938	(D)	88.6	16,591	9,340	784	3,764	696	855	49.5
Asia and Pacific .....	707,708	492,388	17,224	46,689	39,734	1,810.8	558,121	371,509	16,796	79,129	44,615	36,419	1,305.4
<i>Of which:</i>													
Australia .....	96,615	65,874	2,629	4,761	1,290	291.0	75,555	52,315	2,209	16,756	4,731	1,217	221.6
Japan .....	298,485	182,288	4,006	13,514	4,773	404.2	232,322	103,644	3,133	23,648	12,185	2,003	187.8
International .....	19,032	7,768	1,060	0	0	10.9	10,888	4,387	684	1,510	0	0	10.1
<b>By industry</b>													
Petroleum .....	341,685	340,447	10,269	4,762	11,414	241.8	252,603	233,056	6,988	89,484	4,655	11,383	176.9
Manufacturing .....	982,117	1,087,302	56,908	136,201	156,492	4,652.9	839,666	954,037	52,342	251,442	131,652	147,637	3,977.3
Food and kindred products .....	129,038	133,141	7,492	3,501	5,161	646.6	95,898	108,529	6,362	26,570	3,187	4,788	434.9
Chemicals and allied products .....	236,473	200,698	19,537	15,429	10,117	609.3	209,859	179,830	18,517	55,040	14,707	9,661	543.6
Primary and fabricated metals .....	51,675	43,506	1,870	3,253	3,597	228.4	43,460	35,206	1,546	10,729	3,004	3,274	190.0
Industrial machinery and equipment .....	131,304	173,128	8,266	21,487	34,919	602.1	123,477	163,797	8,088	34,758	21,211	34,193	563.6
Electronic and other electric equipment .....	90,176	110,418	3,231	21,574	25,787	781.8	82,424	103,537	3,003	22,774	21,462	24,972	721.4
Transportation equipment .....	147,949	241,818	5,604	54,872	62,580	752.4	118,489	204,365	5,472	41,618	52,939	57,746	642.0
Other manufacturing .....	195,501	184,593	10,909	16,085	14,329	1032.4	166,060	158,773	9,355	59,952	15,141	13,002	881.7
Wholesale trade .....	244,358	438,792	16,207	69,521	16,740	601.2	238,236	420,288	15,893	59,109	68,119	16,468	569.7
Finance (except depository institutions), insurance, and real estate .....	1,794,120	154,402	51,409	31	8	239.5	1,732,655	146,236	49,514	22,912	27	8	222.0
Services .....	194,427	150,262	7,500	2,047	814	1086.6	173,177	135,679	7,120	52,509	2,010	813	962.8
Other industries .....	444,134	272,145	12,998	4,590	2,142	1,566.0	198,472	138,486	5,099	35,279	4,172	1,840	991.1

D Suppressed to avoid disclosure of data of individual companies.

NOTE.—The data in this table are from "U.S. Multinational Companies: Operations in 1998" in the July 2000 issue of the SURVEY OF CURRENT BUSINESS.

**Table G.4.—Foreign Direct Investment in the United States: Selected Items, by Country of Foreign Parent and by Industry of U.S. Affiliate, 1998–2000**  
[Millions of dollars]

	Direct investment position on a historical-cost basis			Capital inflows (outflows (-))			Income		
	1998	1999	2000	1998	1999	2000	1998	1999	2000
<b>All countries, all industries.....</b>	<b>778,418</b>	<b>965,632</b>	<b>1,238,627</b>	<b>174,434</b>	<b>294,976</b>	<b>281,115</b>	<b>32,402</b>	<b>49,780</b>	<b>60,157</b>
<b>By country</b>									
Canada.....	72,696	76,526	100,822	15,959	21,241	27,975	1,382	1,998	912
Europe.....	518,576	670,030	890,611	153,111	239,088	224,261	25,495	39,706	45,904
<i>Of which:</i>									
France.....	59,925	82,276	119,069	11,368	25,406	41,965	1,691	3,119	5,562
Germany.....	93,289	111,706	122,846	42,986	23,144	11,351	4,348	6,341	2,603
Luxembourg.....	26,804	57,047	83,304	13,819	27,633	26,777	1,187	2,634	4,839
Netherlands.....	92,298	125,775	152,432	6,533	40,412	22,462	6,139	7,430	9,221
Switzerland.....	48,263	53,706	81,698	4,509	3,365	21,850	854	4,351	4,171
United Kingdom.....	137,489	166,900	229,762	60,335	108,613	73,667	7,268	12,649	16,171
Latin America and Other Western Hemisphere.....	28,056	38,104	42,700	-2,569	16,410	4,326	1,286	1,120	2,928
<i>Of which:</i>									
Bermuda.....	3,735	12,590	14,942	-161	9,368	2,208	194	58	-320
Mexico.....	2,055	1,730	2,471	871	1,269	902	216	175	87
Panama.....	6,227	5,475	4,004	988	-209	-1,398	864	752	644
United Kingdom Islands, Caribbean.....	9,885	11,082	12,513	-1,469	4,474	1,005	-77	229	1,919
Africa.....	853	1,547	2,119	-601	417	670	-93	-78	10
Middle East.....	4,126	4,432	8,373	-762	372	3,909	274	149	1,855
Asia and Pacific.....	154,111	174,993	194,002	9,295	17,448	19,974	4,057	6,885	8,550
<i>Of which:</i>									
Australia.....	10,520	13,230	14,487	1,506	2,363	2,429	302	325	486
Japan.....	134,340	153,119	163,215	8,024	15,489	10,043	4,300	6,165	7,337
<b>By industry</b>									
Petroleum.....	49,028	51,890	92,856	58,924	5,650	48,067	1,442	4,811	13,915
Manufacturing.....	333,233	399,525	496,578	83,406	90,884	95,058	19,320	26,735	25,550
Food and kindred products.....	22,117	19,599	23,442	-7,369	-1,518	4,800	657	1,549	1,796
Chemicals and allied products.....	93,804	97,327	122,083	7,401	8,635	22,241	6,816	7,202	6,296
Primary and fabricated metals.....	18,923	20,125	21,561	1,054	2,058	6,099	1,610	1,072	1,233
Machinery.....	62,564	83,917	118,920	22,452	37,647	32,941	1,701	1,732	4,679
Other manufacturing.....	135,825	178,556	210,571	59,869	44,062	28,976	8,535	15,180	11,546
Wholesale trade.....	87,611	94,657	109,611	10,073	14,214	16,871	4,509	5,314	7,705
Retail trade.....	20,447	24,843	32,091	3,730	4,651	4,097	843	1,595	1,688
Depository institutions.....	46,257	61,539	68,619	5,420	19,024	9,569	2,586	3,002	3,992
Finance, except depository institutions.....	48,517	62,450	88,082	4,370	15,893	19,657	-1,286	927	1,252
Insurance.....	74,581	85,290	106,403	4,020	22,233	25,799	3,391	3,722	5,737
Real estate.....	39,545	40,248	42,300	1,760	1,966	1,203	147	1,494	2,007
Services.....	40,506	60,878	102,955	4,931	22,519	42,410	1,143	2,067	815
Other industries.....	38,693	84,311	99,134	-2,201	97,942	18,384	307	112	-2,504

NOTE.—In this table, unlike in the international transactions accounts, income and capital inflows are shown without a current-cost adjustment, and income is shown net of withholding taxes. In addition, unlike in the international investment position, the direct investment position is valued at historical cost.

The data in this table are from tables 16 and 17 in "Foreign Direct Investment in the United States: Detail for Historical-Cost Position and Related Capital and Income Flows 2000" in the September 2001 issue of the SURVEY OF CURRENT BUSINESS.



**Table G.5.—Selected Financial and Operating Data of Nonbank U.S. Affiliates and Majority-Owned Nonbank U.S. Affiliates of Foreign Companies by Country of Ultimate Beneficial Owner and by Industry of Affiliate, 1999**

	All nonbank affiliates						Majority-owned nonbank affiliates								
	Millions of dollars					Thousands of employees	Millions of dollars		Millions of dollars				Thousands of employees	Millions of dollars	
	Total assets	Sales	Net income	Gross product	U.S. exports of goods shipped by affiliates		U.S. imports of goods shipped to affiliates	Total assets	Sales	Net income	Gross product	U.S. exports of goods shipped by affiliates		U.S. imports of goods shipped to affiliates	
<b>All countries, all industries.....</b>	<b>4,135,217</b>	<b>2,035,356</b>	<b>27,535</b>	<b>451,656</b>	<b>6,003.3</b>	<b>152,229</b>	<b>307,111</b>	<b>3,597,658</b>	<b>1,781,554</b>	<b>23,715</b>	<b>390,957</b>	<b>5,031.1</b>	<b>139,272</b>	<b>294,794</b>	
<b>By country</b>															
Canada .....	410,254	159,743	-584	43,037	665.2	7,515	16,292	381,234	140,605	-1,128	36,538	535.5	7,336	15,763	
Europe .....	2,707,203	1,199,123	24,545	294,501	3,901.1	84,693	128,625	2,519,797	1,050,593	24,067	257,653	3,278.4	78,028	127,050	
<i>Of which:</i>															
France .....	512,368	167,417	-1,822	42,243	604.9	16,358	15,331	446,301	126,929	-103	29,436	368.8	(D)	15,067	
Germany .....	507,652	313,152	7,702	70,181	847.7	31,637	53,194	486,648	282,137	6,881	61,175	693.4	30,564	52,565	
Netherlands .....	449,446	182,093	4,360	35,618	484.8	5,309	15,932	422,053	146,733	2,950	31,491	470.1	5,008	15,898	
Sweden .....	68,619	43,021	1,600	10,849	147.6	4,274	4,344	68,193	42,392	1,577	10,696	146.0	4,258	4,320	
Switzerland .....	507,157	104,189	4,166	31,153	434.6	5,353	8,907	491,571	93,461	3,598	26,053	343.9	5,121	6,770	
United Kingdom .....	536,127	279,117	9,189	81,981	965.6	15,713	19,028	499,954	268,026	8,313	79,198	917.1	15,195	18,827	
Latin America and Other Western Hemisphere .....	121,614	76,125	-1,303	20,731	290.7	6,139	12,164	112,627	68,769	-1,243	19,361	276.5	5,961	10,248	
<i>Of which:</i>															
Bermuda .....	49,590	26,206	-590	8,898	168.6	(D)	1,204	47,694	25,946	-576	8,859	166.2	(D)	1,202	
Mexico .....	11,293	10,394	-142	1,754	33.9	864	2,770	9,600	8,824	-151	1,440	29.5	760	2,376	
Panama .....	3,659	2,252	67	898	12.4	(D)	166	3,542	2,186	59	(D)	J	(D)	166	
United Kingdom Islands, Caribbean .....	34,405	9,251	-548	1,677	36.0	78	(D)	33,694	8,984	-547	1,570	34.2	73	(D)	
Venezuela .....	12,844	18,502	204	4,974	8.7	169	4,925	(D)	(D)	(D)	(D)	H	(D)	(D)	
Africa .....	5,411	4,704	89	1,250	13.2	375	215	5,363	(D)	(D)	1,212	13.0	(D)	213	
Middle East .....	18,103	12,599	348	2,863	48.6	696	1,194	15,607	10,899	296	2,103	35.6	682	1,117	
Asia and Pacific .....	654,272	543,281	-521	79,454	1,018.3	50,852	147,074	546,812	487,946	1,175	69,230	860.6	45,094	139,011	
<i>Of which:</i>															
Australia .....	67,343	31,184	612	6,760	84.8	1,375	1,465	55,840	24,748	614	5,240	67.8	(D)	(D)	
Japan .....	534,484	453,423	-327	64,721	834.2	41,180	123,867	445,221	411,798	753	56,965	715.8	37,744	119,816	
United States .....	218,361	39,781	4,961	9,820	66.2	1,959	1,548	16,218	(D)	(D)	4,860	31.5	(D)	1,391	
<b>By industry<sup>1</sup></b>															
Manufacturing .....	982,809	906,382	16,514	236,165	2,616.7	96,527	140,924	895,031	805,166	14,757	216,110	2,386.3	88,410	131,842	
<i>Of which:</i>															
Food .....	43,908	50,426	255	10,950	156.3	2,441	4,162	43,026	48,818	225	10,580	149.8	2,364	4,151	
Chemicals .....	206,151	142,527	3,359	41,288	363.2	14,575	15,373	187,635	128,549	2,589	37,146	327.0	13,218	14,952	
Primary and fabricated metals .....	64,822	59,500	650	15,498	211.6	4,421	7,549	51,839	48,278	580	13,080	186.9	3,626	6,700	
Machinery .....	62,054	50,952	-26	14,664	222.6	7,086	7,104	58,535	46,672	198	13,684	208.1	6,398	6,373	
Computers and electronic products .....	98,773	108,226	-2,878	22,454	291.0	16,991	33,685	89,620	101,277	-2,593	21,068	275.1	15,098	30,906	
Electrical equipment, appliances, and components .....	41,001	39,974	128	10,744	189.9	7,187	3,246	39,771	38,441	33	10,246	183.8	6,784	3,173	
Transportation equipment .....	185,592	201,609	7,767	43,211	422.6	30,476	45,064	178,711	189,445	7,287	40,397	390.6	28,729	43,032	
Wholesale trade .....	303,806	500,839	5,350	54,664	518.4	48,629	157,366	293,111	470,013	6,385	52,406	461.7	44,199	155,256	
Retail trade .....	70,956	114,300	1,555	28,359	737.0	1,521	4,303	49,779	84,317	698	20,050	545.7	(D)	3,606	
Information .....	212,450	91,453	-3,423	27,581	332.2	1,053	160	143,342	63,263	845	18,809	224.2	1,033	80	
<i>Of which:</i>															
Publishing industries .....	62,715	32,183	416	11,605	133.8	(D)	(D)	(D)	28,304	-115	9,208	120.8	(D)	78	
Broadcasting and telecommunications .....	117,541	46,671	-4,278	12,502	142.5	6	(D)	59,400	23,337	440	6,173	52.2	2	3	
Finance (except depository institutions) and insurance ..	2,162,809	206,641	9,750	27,969	263.6	0	1	1,893,509	180,668	3,613	22,927	226.9	0		
Real estate and rental and leasing .....	131,014	26,037	903	11,850	52.2	(D)	562	110,094	21,570	527	9,332	42.0	(D)	562	
Professional, scientific, and technical services .....	27,319	21,865	-1,002	7,991	119.3	(D)	357	23,407	19,846	-216	7,829	102.3	463	357	
Other industries .....	244,053	167,840	-2,112	57,078	1,363.7	3,777	3,440	189,383	136,710	-2,895	43,495	1,041.9	3,661	3,089	

D Suppressed to avoid disclosure of data of individual companies.

1. The industry classification system used to classify the data for U.S. affiliates is based on the North American Industry Classification System. Prior to 1997, the affiliate data were classified using an industry classification system based on the Standard Industrial Classification system.

Notes.—The data in this table are from BEA's annual survey of the operations of U.S. affiliates of foreign

companies; see "U.S. Affiliates of Foreign Companies: Operations in 1999," in the August 2001 issue of the SURVEY OF CURRENT BUSINESS.

Size ranges are given in employment cells that are suppressed. The size ranges are: A—1 to 499; F—500 to 999; G—1,000 to 2,499; H—2,500 to 4,999; I—5,000 to 9,999; J—10,000 to 24,999; K—25,000 to 49,999; L—50,000 to 99,999; M—100,000 or more.

## H. International Perspectives

Quarterly data in this table are shown in the middle month of the quarter.

Table H.1.—International Perspectives

	1999	2000	2000					2001								
			Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.
Exchange rates per U.S. dollar (not seasonally adjusted) <sup>1</sup>																
Canada (Can\$/US\$).....	1.4858	1.4855	1.4828	1.4864	1.5125	1.5426	1.5219	1.5032	1.5216	1.5587	1.5578	1.5411	1.5245	1.5308	1.5399	1.5679
Euro zone (US\$/Euro) <sup>2</sup> .....	1.0653	0.9234	0.9045	0.8695	0.8525	0.8552	0.8983	0.9376	0.9205	0.9083	0.8925	0.8753	0.8530	0.8615	0.9014	0.9114
Japan (¥/US\$).....	1.1373	1.0782	1.0808	1.0684	1.0644	1.0901	1.1221	1.1667	1.1623	1.2151	1.2377	1.2177	1.2235	1.2450	1.2137	1.1861
Mexico (Peso/US\$).....	9.5530	9.4590	9.2720	9.3610	9.5370	9.5080	9.4670	9.7690	9.7110	9.5990	9.3280	9.1480	9.0880	9.1680	9.1330	9.4250
United Kingdom (US\$/£).....	1.6172	1.5159	1.4889	1.4336	1.4506	1.4258	1.4629	1.4775	1.4525	1.4445	1.4348	1.4265	1.4020	1.4148	1.4372	1.4638
Addendum: Exchange value of the U.S. dollar <sup>3</sup> .....	116.87	119.93	120.12	121.53	123.27	124.21	123.28	123.14	123.77	125.91	126.97	126.77	127.58	128.07	125.97	126.28
Unemployment rates (percent, monthly data seasonally adjusted)																
Canada.....	7.6	6.8	7.1	6.9	6.9	6.9	6.8	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.2	7.2
France.....	11.0	9.5	9.5	9.4	9.2	9.1	9.0	8.9	8.7	8.7	8.6	8.6	8.6	8.8	8.8	8.9
Germany.....	10.5	9.6	9.5	9.4	9.3	9.3	9.3	9.3	9.3	9.3	9.4	9.3	9.3	9.3	9.3	9.4
Italy.....	11.4	10.6	10.4	.....	10.0	.....	.....	9.9	.....	.....	.....	9.6	.....	9.4	.....	.....
Japan.....	4.7	4.7	4.6	4.7	4.7	4.8	4.9	4.9	4.7	4.7	4.8	4.9	4.9	5.0	5.0	5.3
Mexico.....	2.5	2.1	2.2	2.4	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.5	2.3	2.5	2.3	2.4
United Kingdom.....	4.2	3.6	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.1
Addendum: United States.....	4.2	4.0	4.1	3.9	3.9	4.0	4.0	4.2	4.2	4.3	4.5	4.4	4.5	4.5	4.9	4.9
Consumer prices (monthly data seasonally adjusted, 1995=100)																
Canada.....	106.1	109.0	109.3	109.8	110.0	110.4	110.5	110.1	110.6	110.9	111.7	112.7	112.8	112.4	112.4	112.7
France.....	104.6	106.3	106.4	107.0	106.8	107.1	107.0	106.6	106.9	107.4	107.9	108.6	108.6	108.4	108.4	108.6
Germany.....	104.9	107.0	107.2	107.7	107.5	107.7	107.8	108.3	109.0	109.1	109.5	110.0	110.2	110.2	110.0	110.0
Italy.....	110.0	112.8	113.1	113.3	113.7	114.0	114.1	114.6	115.0	115.1	115.6	115.9	116.2	116.3	116.3	116.3
Japan.....	102.2	101.5	101.6	101.5	101.5	101.2	101.3	101.3	101.0	100.8	101.0	101.1	100.8	100.5	100.9	100.7
Mexico.....	219.1	239.9	241.1	242.9	244.6	246.7	249.3	250.7	250.6	252.1	253.4	254.0	254.6	253.9	255.4	257.8
United Kingdom.....	111.0	114.2	114.4	115.2	115.1	115.5	115.5	114.8	115.4	115.5	116.1	116.9	117.0	116.3	116.7	117.1
Addendum: United States.....	109.3	113.0	113.4	113.9	114.1	114.4	114.6	115.3	115.6	115.7	116.0	116.5	116.8	116.4	116.5	116.9
Real gross domestic product (percent change from preceding quarter, quarterly data seasonally adjusted at annual rates)																
Canada.....	5.1	4.4	4.5	.....	.....	1.6	.....	.....	1.7	.....	.....	0.6	.....	.....	.....	-0.8
France.....	2.9	3.1	3.2	.....	.....	3.5	.....	.....	1.8	.....	.....	0.9	.....	.....	.....	1.9
Germany.....	1.7	3.2	0.5	.....	.....	0.6	.....	.....	1.6	.....	.....	-0.1	.....	.....	.....	.....
Italy.....	1.6	2.9	1.6	.....	.....	3.3	.....	.....	3.4	.....	.....	0.1	.....	.....	.....	.....
Japan.....	0.7	2.2	-2.9	.....	.....	1.1	.....	.....	4.1	.....	.....	-4.8	.....	.....	.....	-2.2
Mexico.....	3.8	6.9	7.3	.....	.....	5.1	.....	.....	1.9	.....	.....	0	.....	.....	.....	.....
United Kingdom.....	2.1	2.9	2.8	.....	.....	2.0	.....	.....	2.6	.....	.....	1.8	.....	.....	.....	2.0
Addendum: United States.....	4.1	4.1	1.3	.....	.....	1.9	.....	.....	1.3	.....	.....	0.3	.....	.....	.....	-1.1
Short-term, 3-month, interest rates (percent, not seasonally adjusted)																
Canada.....	4.89	5.78	5.87	5.84	5.83	5.86	5.74	5.44	5.16	4.69	4.61	4.42	4.41	4.31	4.06	3.49
Euro zone.....	2.97	4.39	4.78	4.85	5.04	5.09	4.93	4.77	4.76	4.71	4.69	4.64	4.45	4.47	4.35	3.98
Mexico.....	22.38	16.15	15.71	16.15	17.06	18.01	17.41	18.50	18.07	16.47	15.40	12.61	10.27	10.25	8.54	10.88
United Kingdom.....	5.45	6.10	6.13	6.12	6.08	6.00	5.88	5.75	5.69	5.46	5.33	5.16	5.19	5.19	4.92	4.65
Addendum: United States.....	4.66	5.84	6.11	5.99	6.10	6.18	5.83	5.27	4.93	4.50	3.91	3.66	3.48	3.54	3.39	2.87
Long-term interest rates, government bond yields (percent, not seasonally adjusted)																
Canada.....	5.68	5.92	5.77	5.81	5.79	5.78	5.58	5.71	5.69	5.60	5.85	6.03	5.97	6.05	5.85	5.80
Euro zone.....	4.66	5.44	5.40	5.47	5.42	5.34	5.07	5.01	5.02	4.94	5.10	5.26	5.21	5.25	5.06	5.04
France.....	4.94	5.89	6.04	5.93	5.92	5.78	5.55	5.48	5.60	5.36	5.47	5.60	5.57	5.46	5.29	5.26
Germany.....	4.50	5.27	5.20	5.30	5.20	5.20	4.90	4.80	4.80	4.70	4.80	5.10	5.00	5.02	4.82	4.81
Italy.....	4.73	5.58	5.56	5.63	5.58	5.55	5.30	5.18	5.18	5.13	5.28	5.45	5.39	5.40	5.22	5.20
Japan.....	1.75	1.74	1.75	1.88	1.82	1.76	1.62	1.51	1.42	1.17	1.32	1.25	1.15	1.31	1.34	1.35
United Kingdom.....	5.08	5.31	5.29	5.34	5.19	5.07	4.90	4.86	4.84	4.73	4.95	5.12	5.20	5.19	4.96	4.98
Addendum: United States.....	5.65	6.03	5.83	5.80	5.74	5.72	5.24	5.16	5.10	4.89	5.14	5.39	5.28	5.24	4.97	4.73
Share price indices (not seasonally adjusted, 1995=100)																
Canada.....	159.2	216.7	253.7	234.1	217.4	198.9	201.5	210.2	182.2	171.6	179.2	184.1	174.5	173.4	166.9	154.2
France.....	234.6	321.7	336.5	336.5	316.5	317.0	303.6	299.7	292.0	271.0	276.0	288.0	273.8	259.4	255.0	214.1
Germany.....	204.9	260.3	261.8	256.6	242.6	240.7	227.0	227.4	225.1	207.7	207.3	213.5	208.9	201.3	190.1	157.3
Italy.....	245.5	319.0	325.4	327.1	316.6	331.8	312.1	306.8	297.4	272.7	281.6	282.8	268.0	259.3	256.0	210.0
Japan.....	98.0	97.7	97.5	91.0	84.1	84.7	79.7	80.0	74.5	75.2	80.6	76.7	75.0	68.6	61.9	56.5
Mexico.....	240.3	293.6	300.3	285.4	288.1	254.7	254.7	292.7	271.8	258.1	269.8	297.2	300.4	291.7	284.4	243.5
United Kingdom.....	168.5	178.5	180.7	179.2	172.5	172.2	167.4	165.0	163.5	154.4	153.9	157.5	153.7	145.5	143.2	130.0
Addendum: United States.....	212.7	221.4	228.8	232.5	222.1	222.1	221.7	223.4	222.6	207.3	208.5	221.3	216.7	210.7	207.6	187.0

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**

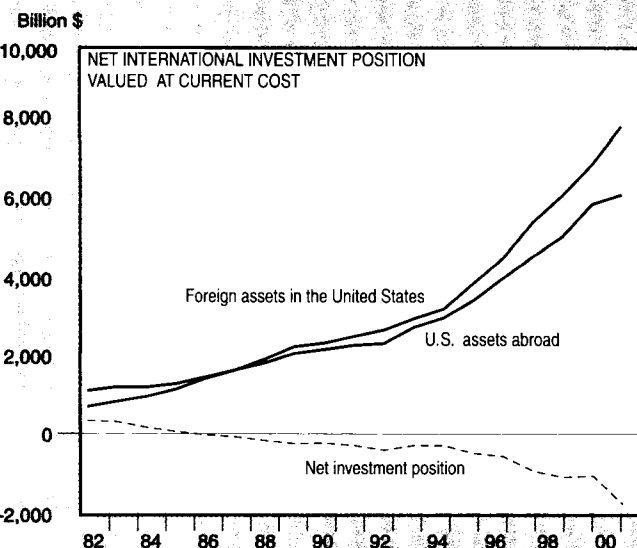
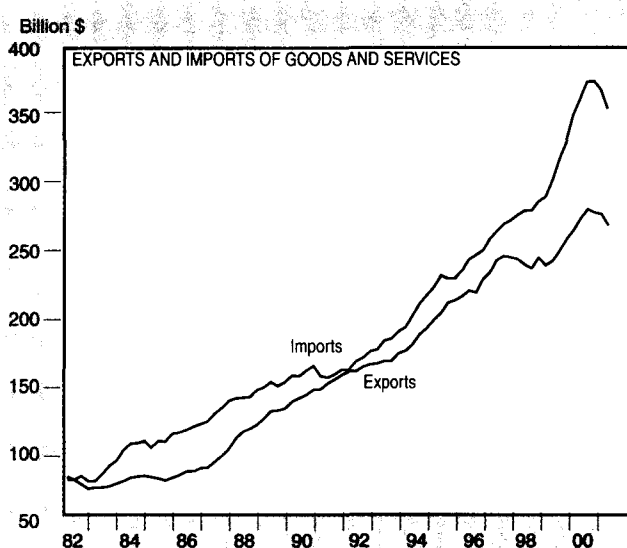
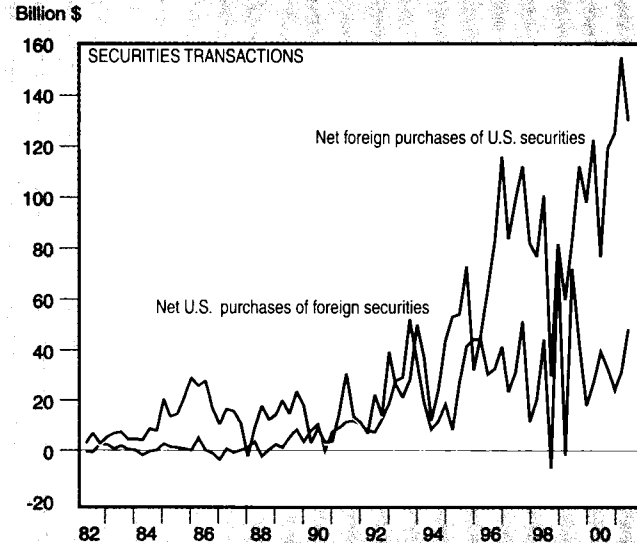
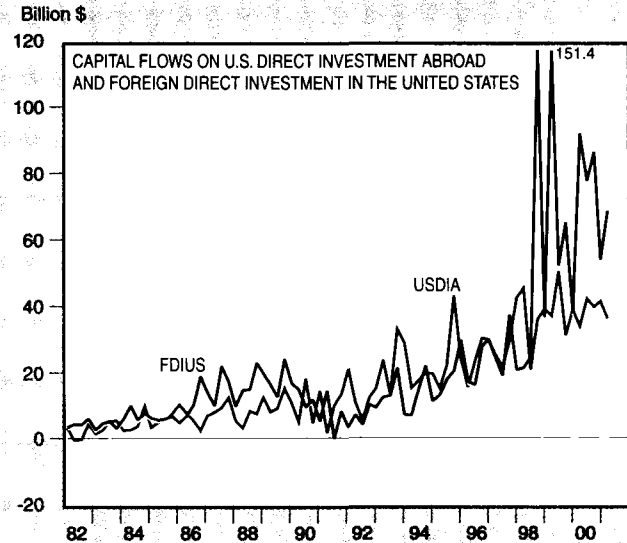
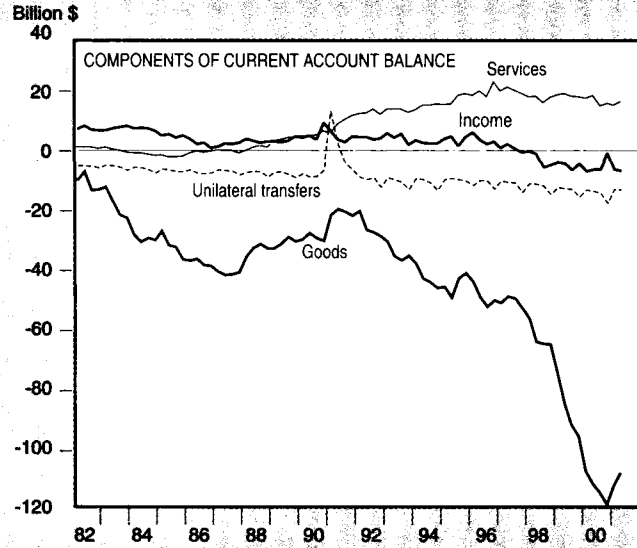
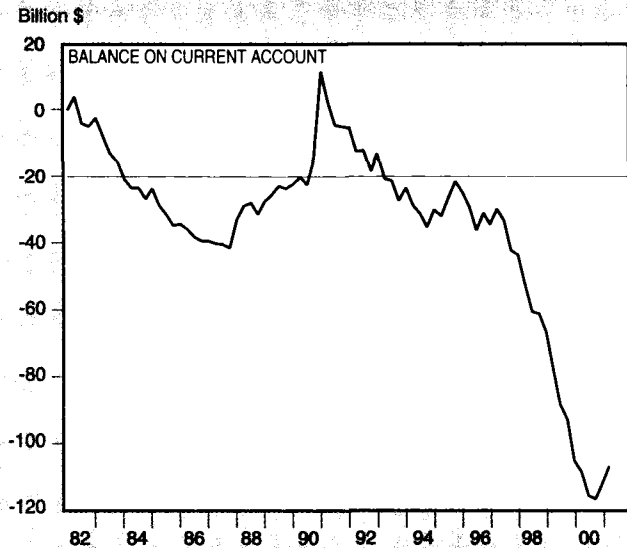








Table J.4.—Gross State Product (GSP) by Industry for States and Regions, 1999

[Millions of dollars]

State and region	Rank of total GSP	Total GSP	Agriculture, forestry, and fishing	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Government
<b>United States</b> .....		<b>9,308,983</b>	<b>125,441</b>	<b>111,797</b>	<b>416,354</b>	<b>1,500,806</b>	<b>779,647</b>	<b>643,284</b>	<b>856,364</b>	<b>1,792,090</b>	<b>1,986,918</b>	<b>1,096,282</b>
<b>New England</b> .....		<b>542,347</b>	<b>4,048</b>	<b>314</b>	<b>21,668</b>	<b>83,767</b>	<b>32,284</b>	<b>36,951</b>	<b>45,940</b>	<b>136,278</b>	<b>130,309</b>	<b>50,788</b>
Connecticut .....	22	151,779	1,038	113	4,954	25,048	9,020	9,750	12,213	43,623	33,389	12,631
Maine .....	42	34,064	674	5	1,552	5,261	2,396	2,007	4,136	6,401	6,862	4,770
Massachusetts .....	11	262,564	1,429	98	10,861	36,569	14,833	19,560	20,581	64,279	70,462	23,892
New Hampshire .....	38	44,229	320	39	1,822	9,792	2,551	2,936	4,361	10,254	8,689	3,466
Rhode Island .....	44	32,546	214	12	1,724	4,098	2,187	1,710	2,949	8,678	7,074	3,899
Vermont .....	49	17,164	374	47	754	2,998	1,298	989	1,700	3,043	3,832	2,129
<b>Mideast</b> .....		<b>1,734,325</b>	<b>10,026</b>	<b>3,563</b>	<b>62,972</b>	<b>211,579</b>	<b>137,294</b>	<b>112,601</b>	<b>132,085</b>	<b>454,432</b>	<b>405,374</b>	<b>204,398</b>
Delaware .....	41	34,669	292	2	1,486	4,914	1,752	1,382	2,455	13,813	5,379	3,194
District of Columbia .....		55,832	17	21	468	1,300	2,853	757	1,577	7,294	20,512	21,032
Maryland .....	16	174,710	1,440	145	9,451	14,216	13,096	10,800	15,677	37,179	42,217	30,491
New Jersey .....	8	331,544	1,749	257	12,627	39,335	31,534	30,757	25,461	78,417	77,836	33,570
New York .....	2	754,590	3,175	545	22,862	77,365	55,123	45,078	52,556	247,163	173,681	77,042
Pennsylvania .....	6	382,980	3,353	2,593	16,079	74,449	32,935	23,826	34,359	70,566	85,749	39,070
<b>Great Lakes</b> .....		<b>1,464,641</b>	<b>14,379</b>	<b>4,533</b>	<b>67,649</b>	<b>346,862</b>	<b>113,472</b>	<b>105,625</b>	<b>134,471</b>	<b>240,154</b>	<b>286,846</b>	<b>150,649</b>
Illinois .....	4	445,666	3,575	1,151	20,059	72,563	40,830	35,342	36,683	90,755	100,527	44,180
Indiana .....	15	182,202	1,820	761	9,235	56,294	13,845	11,157	16,853	23,744	30,219	18,273
Michigan .....	9	308,310	2,849	876	14,880	80,740	20,280	22,630	30,207	43,546	60,402	31,900
Ohio .....	7	361,981	2,973	1,519	15,645	93,409	26,659	25,814	35,102	56,156	66,058	38,648
Wisconsin .....	20	166,481	3,162	226	7,830	43,856	11,858	10,682	15,626	25,953	29,639	17,648
<b>Plains</b> .....		<b>601,905</b>	<b>15,043</b>	<b>3,291</b>	<b>28,803</b>	<b>109,036</b>	<b>57,025</b>	<b>47,316</b>	<b>57,682</b>	<b>95,926</b>	<b>116,828</b>	<b>70,956</b>
Iowa .....	30	85,243	3,000	218	3,759	19,058	7,231	6,700	7,705	12,865	14,450	10,258
Kansas .....	31	80,843	2,304	1,022	3,711	13,598	10,093	6,426	8,318	10,389	14,105	10,876
Minnesota .....	17	172,982	3,004	804	8,585	31,319	13,183	14,210	16,310	31,974	35,994	17,599
Missouri .....	18	170,470	1,928	427	8,369	32,966	17,199	12,621	16,584	26,038	34,888	19,449
Nebraska .....	36	53,744	2,606	79	2,554	7,532	5,783	4,269	4,712	8,332	10,291	7,585
North Dakota .....	50	16,991	701	611	931	1,526	1,753	1,747	2,404	3,290	3,290	2,455
South Dakota .....	46	21,631	1,500	130	893	3,036	1,784	1,516	2,307	3,923	3,810	2,733
<b>Southeast</b> .....		<b>2,023,742</b>	<b>29,951</b>	<b>27,617</b>	<b>98,337</b>	<b>337,901</b>	<b>181,644</b>	<b>140,640</b>	<b>205,076</b>	<b>331,203</b>	<b>399,457</b>	<b>271,917</b>
Alabama .....	25	115,071	2,280	1,527	5,397	21,886	9,971	7,542	11,927	16,945	19,447	18,149
Arkansas .....	33	64,773	2,370	506	2,996	14,599	6,815	4,293	7,621	7,499	10,083	7,993
Florida .....	5	442,895	7,838	878	22,406	31,716	38,082	33,880	50,610	95,440	108,007	54,039
Georgia .....	10	275,719	3,697	1,244	13,744	46,781	31,476	24,967	25,743	42,230	53,029	32,808
Kentucky .....	26	113,539	2,002	2,433	5,064	31,275	9,108	6,964	10,861	12,404	18,122	15,306
Louisiana .....	24	128,959	1,232	15,121	6,259	19,622	11,897	7,573	11,944	16,793	22,653	15,866
Mississippi .....	34	64,286	1,687	638	2,999	13,241	6,096	3,786	7,017	7,347	11,180	10,295
North Carolina .....	12	258,592	3,933	533	12,793	62,211	18,273	15,875	23,022	47,441	42,305	32,207
South Carolina .....	28	106,917	1,164	177	6,281	22,899	9,495	6,699	11,851	14,650	17,519	16,180
Tennessee .....	19	170,085	1,492	510	7,462	35,392	14,141	12,996	19,439	24,019	35,089	19,546
Virginia .....	13	242,221	1,994	1,084	11,086	31,779	21,679	13,845	20,977	41,832	54,741	43,205
West Virginia .....	40	40,685	261	2,967	1,852	6,501	4,609	2,223	4,063	4,604	7,283	6,323
<b>Southwest</b> .....		<b>968,362</b>	<b>14,329</b>	<b>49,117</b>	<b>45,952</b>	<b>140,037</b>	<b>97,433</b>	<b>71,545</b>	<b>95,296</b>	<b>145,119</b>	<b>192,998</b>	<b>116,537</b>
Arizona .....	23	143,683	2,138	1,214	8,327	20,707	10,516	9,620	15,359	26,845	31,573	17,385
New Mexico .....	37	51,026	1,049	4,281	2,022	8,527	3,753	2,146	4,795	6,689	9,170	8,594
Oklahoma .....	29	86,382	1,944	4,257	3,316	14,604	7,958	5,206	9,035	10,564	15,723	13,774
Texas .....	3	687,272	9,197	39,365	32,288	96,199	75,205	54,573	66,107	101,021	136,533	76,783
<b>Rocky Mountain</b> .....		<b>288,479</b>	<b>6,004</b>	<b>8,317</b>	<b>17,680</b>	<b>33,966</b>	<b>31,968</b>	<b>17,785</b>	<b>28,799</b>	<b>45,973</b>	<b>60,234</b>	<b>37,753</b>
Colorado .....	21	153,728	2,261	2,400	9,233	15,622	18,740	9,644	15,127	26,869	35,529	18,303
Idaho .....	43	34,025	1,776	188	2,261	7,344	2,667	2,183	3,481	4,018	5,545	4,562
Montana .....	47	20,636	828	754	1,158	1,544	2,461	1,354	2,137	2,818	4,195	3,385
Utah .....	35	62,641	697	1,143	4,092	8,311	5,514	3,894	6,708	10,299	12,935	9,047
Wyoming .....	48	17,448	443	3,831	936	1,144	2,585	709	1,346	1,968	2,029	2,455
<b>Far West</b> .....		<b>1,685,181</b>	<b>31,661</b>	<b>15,046</b>	<b>73,292</b>	<b>237,657</b>	<b>128,528</b>	<b>110,821</b>	<b>157,016</b>	<b>343,005</b>	<b>394,871</b>	<b>193,285</b>
Alaska .....	45	26,353	449	5,301	1,225	1,113	4,392	791	1,867	2,671	3,419	5,124
California .....	1	1,229,098	22,779	7,655	47,264	179,178	89,906	82,506	113,360	266,876	288,081	131,493
Hawaii .....	39	40,914	493	43	1,654	1,030	4,268	1,539	4,456	9,481	9,023	8,928
Nevada .....	32	69,864	512	1,519	7,147	2,884	5,587	3,234	7,266	11,803	22,729	7,182
Oregon .....	27	109,694	3,064	144	5,797	27,151	7,750	8,226	9,484	15,753	19,334	12,992
Washington .....	14	209,258	4,365	383	10,204	26,301	16,624	14,524	20,584	36,420	52,286	27,566

NOTE.—Totals shown for the United States differ from the national income and product account estimates of gross domestic product (GDP) because GSP is derived from gross domestic income, which differs from GDP by the statistical discrepancy. In addition, GSP excludes and GDP includes the compensation of Federal civilian and military personnel stationed abroad and government consumption of fixed capital for military structures located abroad and

for military equipment, except office equipment. Also, GSP and GDP have different revision schedules. Source: This table has been updated to reflect the GSP estimates for 1999, which were released on June 4, 2001. Detailed estimates are available on BEA's Web site at <www.bea.doc.gov> under "State and local area data."

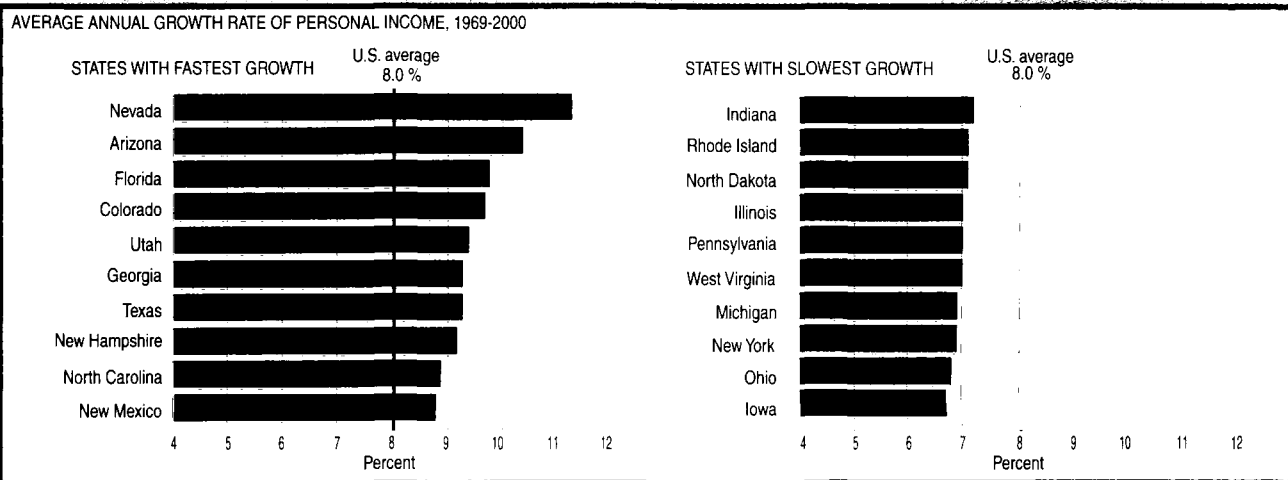
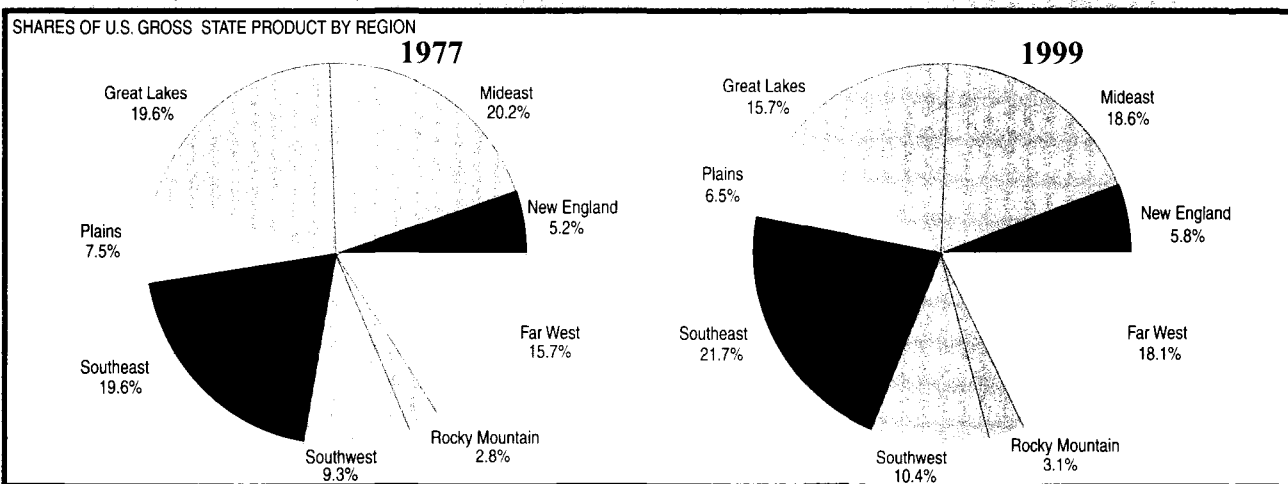
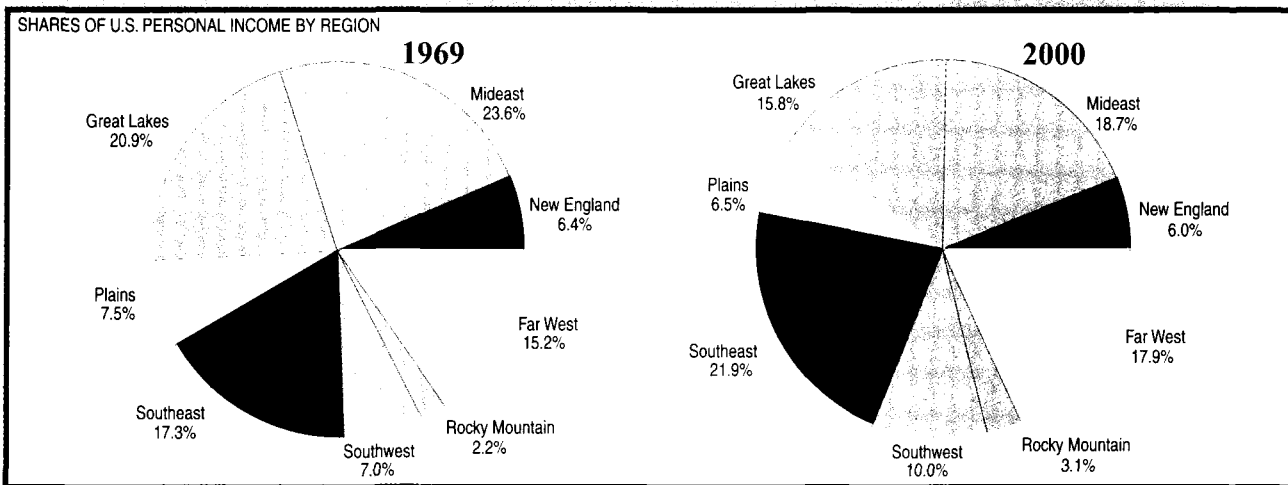




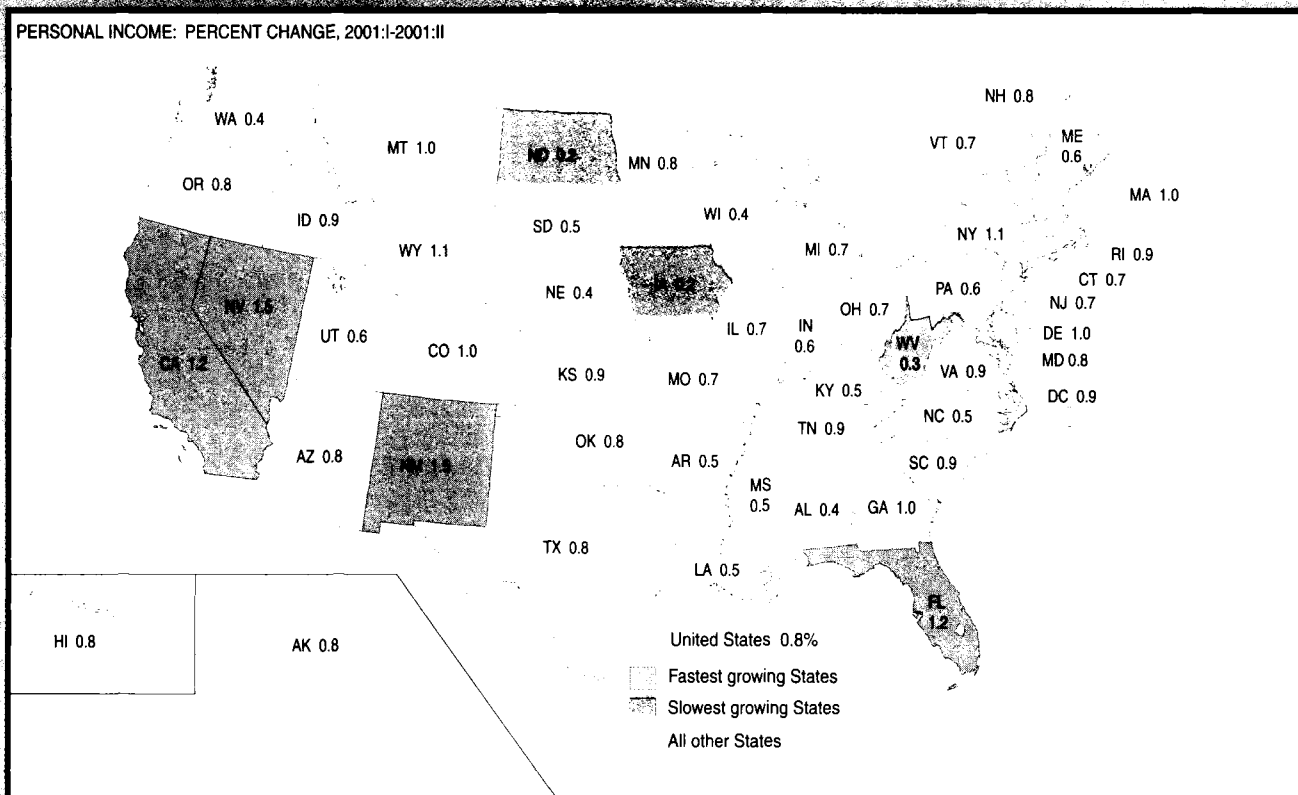
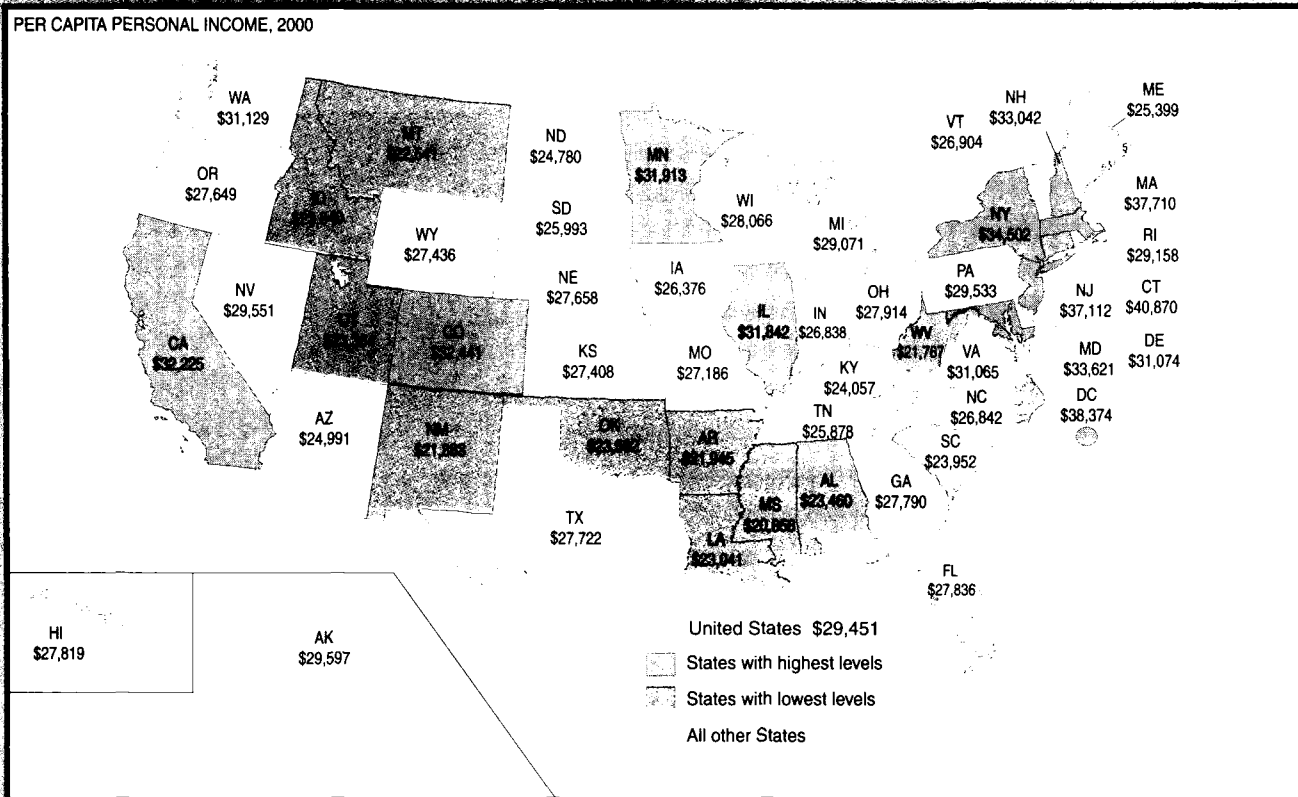


L. Charts

**SELECTED REGIONAL ESTIMATES**



SELECTED REGIONAL ESTIMATES



## 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.<sup>1</sup> These annual changes are “chained” (multiplied) together to form time series of quantity and price; the percent changes that are calculated from these time series are not affected by the choice of reference period.

The quarterly changes in quantities and prices are calculated with weights from two adjacent quarters. As part of an annual or comprehensive revision, the quarterly indexes through the most recent complete year are adjusted to ensure that the average of the quarterly indexes conforms to the corresponding annual index.

In addition, BEA prepares measures of real GDP and its components in a dollar-denominated form, designated “chained (1996) dollar estimates.” These estimates are computed by multiplying the 1996 current-dollar value of GDP, or of a GDP component, by the corresponding quantity index number. For example, if a current-dollar GDP component equaled \$100 in 1996 and if real output for this component

increased by 10 percent in 1997, then the “chained (1996) dollar” value of this component in 1997 would be \$110 ( $\$100 \times 1.10$ ). Note that percentage changes in the chained (1996) dollar estimates and the percentage changes calculated from the quantity indexes are identical, except for small differences due to rounding.

Because of the formula used for calculating real GDP, the chained (1996) dollar estimates for detailed GDP components do not add to the chained-dollar value of GDP or to any intermediate aggregates. A “residual” line is shown as the difference between GDP and the sum of the most detailed components shown in each table. The residual generally is small close to the base period but tends to become larger as one moves further from it. Accurate measures of component contributions to the percentage changes in real GDP and its major components are shown in NIPA tables 8.2–8.6.

BEA also publishes the “implicit price deflator” (IPD), which is calculated as the ratio of current-dollar value to the corresponding chained-dollar value, multiplied by 100; the values of the IPD and of the corresponding “chain-type” price index are very close.

For quarters and months, the estimates are presented at annual rates, which show the value that would be registered if the rate of activity measured for a quarter or a month were maintained for a full year. Annual rates are used so that time periods of different lengths—for example, quarters and years—may be compared easily. These annual rates are determined simply by multiplying the estimated rate of activity by 4 (for quarterly data) or by 12 (for monthly data).

Percent changes in the estimates are also expressed at annual rates. Calculating these changes requires a variant of the compound interest formula:

$$r = \left[ \left( \frac{x_t}{x_o} \right)^{m/n} - 1 \right] \times 100,$$

where  $r$  is the percent change at an annual rate;  $x_t$  is the level of activity in the later period;  $x_o$  is the level of activity in the earlier period;  $m$  is the periodicity of the data (for example, 1 for annual data, 4 for quarterly, or 12 for monthly); and  $n$  is the number of periods between the earlier and later periods (that is,  $t - o$ ).

Quarterly and monthly NIPA estimates are seasonally adjusted, if necessary. Seasonal adjustment removes from the time series the average impact of variations that normally occur at about the same time and in about the same magnitude each year—for example, weather, holidays, and tax payment dates. After seasonal adjustment, cyclical and other short-term changes in the economy stand out more clearly.

1. In addition, because the changes in quantities and prices calculated using these weights are symmetric, the product of a quantity index and the corresponding price index is generally equal to the current-dollar index.

## Reconciliation Tables

**Table 1.—Reconciliation of Changes in BEA-Derived Compensation Per Hour with BLS Average Hourly Earnings**  
[Percent change from preceding period]

	1999	2000	Seasonally adjusted at annual rates					
			2000			2001		
			II	III	IV	I	II	III <sup>p</sup>
<b>BEA-derived compensation per hour of all persons in the nonfarm business sector (less housing) <sup>1</sup></b> .....	<b>4.4</b>	<b>6.1</b>	<b>7.6</b>	<b>7.1</b>	<b>8.9</b>	<b>5.1</b>	<b>4.8</b>	<b>4.1</b>
Less: Contribution of supplements to wages and salaries per hour.....	-0.3	-0.3	-0.3	-0.2	-0.4	-0.3	-0.1	0.0
Plus: Contribution of wages and salaries per hour of persons in housing and in nonprofit institutions.....	0.0	-0.1	-0.3	-0.3	-0.6	-0.1	-0.1	0.1
Less: Contribution of wages and salaries per hour of persons in government enterprises, unpaid family workers, and self-employed.....	-0.1	-0.1	-0.1	-0.1	-0.3	0.1	-0.1	-0.1
<b>Equals: BEA-derived wages and salaries per hour of all employees in the private nonfarm sector</b> .....	<b>4.7</b>	<b>6.4</b>	<b>7.7</b>	<b>7.2</b>	<b>9.0</b>	<b>5.2</b>	<b>4.9</b>	<b>4.3</b>
Less: Contribution of wages and salaries per hour of nonproduction workers in manufacturing.....	0.2	0.0	0.6	0.8	1.0	0.2	0.6	0.4
Less: Other differences <sup>2</sup> .....	0.9	2.5	3.3	2.7	3.0	1.0	0.0	-0.1
<b>Equals: BLS average hourly earnings of production or nonsupervisory workers on private nonfarm payrolls</b> .....	<b>3.6</b>	<b>3.8</b>	<b>3.8</b>	<b>3.7</b>	<b>5.0</b>	<b>4.0</b>	<b>4.3</b>	<b>4.1</b>
<b>Addendum:</b>								
BLS estimates of compensation per hour in the nonfarm business sector <sup>3</sup> .....	4.4	6.1	7.6	7.1	8.9	5.1	4.8	4.5

<sup>p</sup> Preliminary.

1. Includes BLS data on compensation and hours of nonfarm proprietors and hours worked of unpaid family workers.

2. Includes BEA use of non-BLS data and differences in detailed weighting. Annual estimates also include differences in BEA and BLS benchmark procedures; quarterly estimates also include

differences in seasonal adjustment procedures.

3. These estimates differ from the BEA-derived estimates (first line) because the BLS estimates include compensation and hours of tenant-occupied housing.

BLS Bureau of Labor Statistics.

**Table 2.—Relation of Net Exports of Goods and Services and Net Receipts of Income in the NIPA's to Balance on Goods, Services, and Income in the ITA's**  
[Billions of dollars]

Line	1999	2000	Seasonally adjusted at annual rates						
			2000			2001			
			I	II	III	IV	I	II	
<b>Exports of goods, services, and income receipts, ITA's</b> .....	<b>1</b>	<b>1,242.7</b>	<b>1,418.6</b>	<b>1,358.6</b>	<b>1,420.3</b>	<b>1,444.9</b>	<b>1,450.5</b>	<b>1,418.5</b>	<b>1,353.3</b>
Less: Gold, ITA's.....	2	5.3	6.0	9.6	3.7	4.3	6.5	6.7	7.6
Statistical differences <sup>1</sup> .....	3	0	0	0	0	0	0	-3.1	-3.2
Other items.....	4	1.0	1.2	1.3	1.2	1.5	0.9	1.2	1.1
Plus: Adjustment for grossing of parent/affiliate interest payments.....	5	4.5	6.2	6.0	6.1	6.5	6.5	8.4	6.6
Adjustment for U.S. territories and Puerto Rico.....	6	46.7	48.3	47.4	45.4	49.6	50.8	51.2	49.2
Services furnished without payment by financial intermediaries except life insurance carriers.....	7	15.9	21.2	18.7	20.6	22.5	22.8	23.0	23.0
<b>Equals: Exports of goods and services and income receipts, NIPA's</b> .....	<b>8</b>	<b>1,303.6</b>	<b>1,487.1</b>	<b>1,419.8</b>	<b>1,487.6</b>	<b>1,517.8</b>	<b>1,523.1</b>	<b>1,496.3</b>	<b>1,426.5</b>
<b>Imports of goods, services, and income payments, ITA's</b> .....	<b>9</b>	<b>1,518.1</b>	<b>1,809.1</b>	<b>1,730.5</b>	<b>1,803.0</b>	<b>1,853.8</b>	<b>1,849.1</b>	<b>1,818.7</b>	<b>1,731.1</b>
Less: Gold, ITA's.....	10	5.8	5.9	9.6	3	4.2	6.7	6.1	6.5
Statistical differences <sup>1</sup> .....	11	0	0	0	0	0	0	4.7	5.1
Other items.....	12	0	0	0	0	0	0	0	0
Plus: Gold, NIPA's.....	13	-2.7	-3.3	-3.5	-3.3	-3.2	-3.0	-3.0	-3.1
Adjustment for grossing of parent/affiliate interest payments.....	14	4.5	6.2	6.0	6.1	6.5	6.5	8.4	6.6
Adjustment for U.S. territories and Puerto Rico.....	15	31.1	35.8	29.5	31.5	41.1	40.9	34.3	39.7
Imputed interest paid to rest of world.....	16	15.9	21.2	18.7	20.6	22.5	22.8	23.0	23.0
<b>Equals: Imports of goods and services and income payments, NIPA's</b> .....	<b>17</b>	<b>1,561.2</b>	<b>1,863.1</b>	<b>1,771.7</b>	<b>1,854.9</b>	<b>1,916.5</b>	<b>1,909.5</b>	<b>1,870.6</b>	<b>1,785.6</b>
<b>Balance on goods, services, and income, ITA's (1-9)</b> .....	<b>18</b>	<b>-275.4</b>	<b>-390.5</b>	<b>-371.9</b>	<b>-382.7</b>	<b>-408.9</b>	<b>-398.6</b>	<b>-400.2</b>	<b>-377.8</b>
Less: Gold (2-10+13).....	19	-3.2	-3.2	-3.5	-2.6	-3.1	-3.2	-2.4	-2.0
Statistical differences (3-11) <sup>1</sup> .....	20	0	0	0	0	0	0	-7.8	-8.3
Other items (4-12).....	21	1.0	1.2	1.3	1.2	1.5	0.9	1.2	1.1
Plus: Adjustment for U.S. territories and Puerto Rico (6-15).....	22	15.6	12.5	17.9	13.9	8.5	9.9	16.9	9.5
<b>Equals: Net exports of goods and services and net receipts of income, NIPA's (8-17)</b> .....	<b>23</b>	<b>-257.6</b>	<b>-376.0</b>	<b>-351.9</b>	<b>-367.3</b>	<b>-398.7</b>	<b>-386.4</b>	<b>-374.3</b>	<b>-359.1</b>

1. Consists of statistical revisions in the NIPA's that have not yet been incorporated into the ITA's (2001:II) and statistical revisions in the ITA's that have not yet been incorporated into the NIPA's (2001:I-2001:II).

ITA's: International transactions accounts  
NIPA's: National income and product accounts

## Appendix B

# Suggested Reading

The Bureau of Economic Analysis (BEA) has published a wealth of information about the methodologies that are used to prepare its national, regional, and international accounts.

### National accounts

The national accounts encompass the detailed estimates in the national income and product accounts (including gross domestic product), the estimates of wealth and related estimates, gross product by industry, the input-output accounts, and the satellite accounts.

**National income and product accounts (NIPAs).** This series of papers documents the conceptual framework of the NIPAs and the methodologies that have been used to prepare the estimates.

*An Introduction to National Economic Accounting* (1985) [also in the March 1985 SURVEY]

*Corporate Profits: Profits Before Tax, Profits Tax Liability, and Dividends* (1985)

*Foreign Transactions* (1987)

*GNP: An Overview of Source Data and Estimating Methods* (1987)

*Government Transactions* (1988)

*Personal Consumption Expenditures* (1990)

The methodologies described in these papers have been updated and improved, typically as part of the comprehensive and annual revisions of the NIPAs. For more information, see the following.

*National Income and Product Accounts of the United States, 1929-97* (2001) provides the definitions of the major NIPA aggregates and components, discusses the measures of real output and prices, explains how production is classified and how the NIPAs are presented, describes the statistical conventions that are used, and

lists the principal source data and methods that are used to prepare the estimates of gross domestic product (GDP).

Information about the sources and methods that are used to prepare the national estimates of personal income, which are the basis for the State estimates, is in *State Personal Income, 1929-97* (1999).

In addition, see the following articles in the SURVEY.

“Updated Summary NIPA Methodologies” (October 2001) briefly describes the principal source data and methods used to prepare the current-dollar and real estimates of GDP.

“Annual Revision of the National Income and Product Accounts” (August 2001).

“BEA’s Chain Indexes, Time Series, and Measures of Long-Term Economic Growth” (May 1997) is the most recent in a series of articles that describe the conceptual basis for the chain-type measures of real output and prices that are used in the NIPAs.

“Reliability of the Quarterly and Annual Estimates of GDP and Gross Domestic Income” (December 1998) evaluates these estimates by examining the record of revisions to them.

**Wealth and related estimates.** *Fixed Reproducible Tangible Wealth in the United States, 1925-94* (1999) discusses the concepts and statistical considerations that underlie the estimates and their derivation.

“Fixed Assets and Consumer Durable Goods for 1925-98” (April 2000) describes the definitional and statistical improvements that were incorporated in the comprehensive revision of the estimates.

**Gross product by industry.** “Improved Estimates of Gross Product by Industry for 1947-98” (June 2000)

### 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.doc.gov](http://www.bea.doc.gov)>. See also “BEA’s Preliminary Strategic Plan for 2001-2005” in the December 2001 issue of the SURVEY OF CURRENT BUSINESS.

describes the most recent comprehensive revision of these estimates.

“Gross Domestic Product by Industry for 1998–2000” (November 2001) describes the most recent annual revision of these estimates.

**Input-output accounts.** “Benchmark Input-Output Accounts for the U.S. Economy, 1992” (November 1997) describes the preparation of the 1992 accounts and the concepts and methods that underlie the accounts.

“Annual Input-Output Accounts of the U.S. Economy” presents annual tables that update the 1992 benchmark accounts

For 1996 (January 2000)

For 1997 (January 2001)

For 1998 (December 2001)

**Satellite accounts.** These accounts extend the analytical capacity of the national accounts by focusing on one aspect of economic activity.

“Integrated Economic and Environmental Satellite Accounts” and “Accounting for Mineral Resources: Issues and BEA’s Initial Estimates” (April 1994)

“A Satellite Account for Research and Development” (November 1994)

“U.S. Transportation Satellite Accounts”

For 1992 (April 1998)

For 1996 (May 2000)

“U.S. Travel and Tourism Satellite Accounts”

For 1992 (July 1998)

For 1996 and 1997 (July 2000)

### International accounts

The international accounts encompass the international transactions accounts, direct investment, and international transactions in services.

**International transactions accounts (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.

“U.S. International Transactions, Revised Estimates” is a series of articles about the annual ITA revisions and the improvements in methodology; the latest article is published in the July 2001 SURVEY.

**Direct investment.** *International Direct Investment: Studies by the Bureau of Economic Analysis* (1999) is a collection of previously published articles on U.S. direct investment abroad and foreign direct investment in the United States. It also includes the following information.

The “Methodology for U.S. Direct Investment Abroad,” which is also available in *U.S. Direct*

*Investment Abroad: 1994 Benchmark Survey, Final Results* (1998)

“A Guide to BEA Statistics on U.S. Multinational Companies,” which is also available in the March 1995 SURVEY

“A Guide to BEA Statistics on Foreign Direct Investment in the United States,” which is also available in the February 1990 SURVEY

In addition, the updated methodology for foreign direct investment in the United States is available in *Foreign Direct Investment in the United States: Final Results From the 1997 Benchmark Survey* (2001)

**International services.** *U.S. International Transactions in Private Services: A Guide to the Surveys Conducted by the Bureau of Economic Analysis* (1998) describes 11 surveys. It includes classifications, definitions, release schedules, the methods used to prepare the estimates, and samples of the survey forms.

### Regional accounts

The regional accounts include estimates of personal income and gross state product.

**Personal income.** Estimates of personal income are prepared for States and for local areas.

“Comprehensive Revision of State Personal Income for 1969–99” (June 2000) summarizes the changes in the methodology that is used to prepare the estimates. The detailed methodology is available on the CD-ROM *State Personal Income, 1929–99*.

“Comprehensive Revision of Local Area Personal Income for 1969–98” (July 2000) summarizes the changes in the methodology that is used to prepare the estimates for counties and metropolitan areas. The detailed methodology is available on the CD-ROM *Regional Economic Information System, 1969–99*.

**Gross state product.** “Comprehensive Revision of Gross State Product by Industry, 1977–94” (June 1997 SURVEY) summarizes the sources and the methods that are used to prepare the estimates. “Gross State Product by Industry, 1977–98” (October 2000) describes the most recent comprehensive revision of these estimates.

#### Availability

Most of the items listed here are available on our Web site at <[www.bea.doc.gov](http://www.bea.doc.gov)>; in particular, look under Methodologies. Our online *Catalog of Products* provides descriptions of both our printed and electronic publications. The *Catalog* also includes links to compressed files of our diskette products that can be downloaded for free.

For specific information about the availability of our most recently released estimates and products, see “Getting BEA’s Estimates” on the inside back cover.



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**Schedule of Upcoming BEA News Releases**

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U.S. International Transactions, 3rd quarter 2001 .....	Dec. 12	8:30 a.m.
Annual Input-Output Accounts, 1998 .....	Dec. 13	10:00 a.m.
U.S. International Trade in Goods and Services, October 2001* .....	Dec. 19	8:30 a.m.
Gross Domestic Product, 3rd quarter 2001 (final) and Corporate Profits, 3rd quarter 2001 (revised) .....	Dec. 21	8:30 a.m.
Personal Income and Outlays, November 2001 .....	Dec. 21	10:00 a.m.
U.S. International Trade in Goods and Services, November 2001* .....	Jan. 18	8:30 a.m.
State Personal Income, 3rd quarter 2001 .....	Jan. 24	9:00 a.m.
Gross Domestic Product, 4th quarter 2001 (advance) .....	Jan. 30	8:30 a.m.
Personal Income and Outlays, December 2001 .....	Jan. 31	8:30 a.m.
U.S. International Trade in Goods and Services, December 2001* .....	Feb. 21	8:30 a.m.
Gross Domestic Product, 4th quarter 2001 (preliminary) .....	Feb. 28	8:30 a.m.
Personal Income and Outlays, January 2002 .....	Mar. 1	8:30 a.m.
U.S. International Transactions, 4th quarter 2001 .....	Mar. 14	8:30 a.m.
U.S. International Trade in Goods and Services, January 2002* .....	Mar. 19	8:30 a.m.
Gross Domestic Product, 4th quarter 2001 (final) and Corporate Profits, 4th quarter 2001 (revised) .....	Mar. 28	8:30 a.m.
Personal Income and Outlays, February 2002 .....	Mar. 29	8:30 a.m.

\* Joint release by the Bureau of the Census and the Bureau of Economic Analysis (BEA)  
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