

BUSINESS SITUATION

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

REAL 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).¹

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).² 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

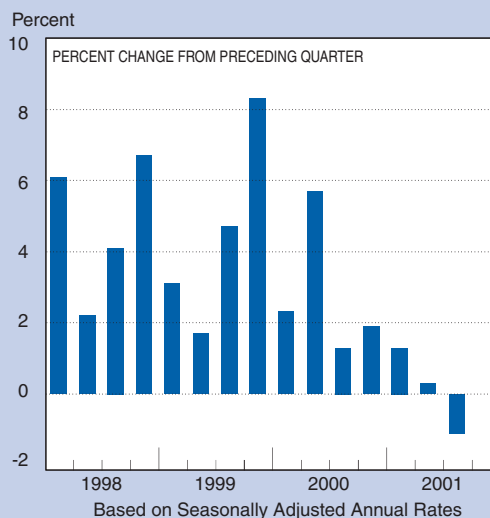
1. Quarterly estimates in the NIPAs are expressed at seasonally adjusted annual rates. Quarter-to-quarter dollar changes are the differences between the published estimates. Quarter-to-quarter percent changes are annualized and are calculated from unrounded data unless otherwise specified.

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.

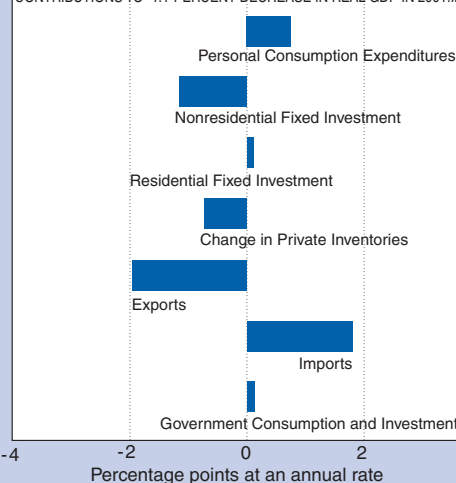
2. The source data underlying the revision to GDP and its components are discussed in the section "Revisions."

CHART 1

Real Gross Domestic Product



CONTRIBUTIONS TO -1.1-PERCENT DECREASE IN REAL GDP IN 2001:III



U.S. Bureau of Economic Analysis

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

	Billions of chained (1996) dollars					Percent change from preceding quarter			
	Level		Change from preceding quarter						
	2001	2000	2001			2000	2001		
	III	IV	I	II	III	IV	I	II	III
Gross domestic product	9,316.8	43.8	30.6	7.2	-24.9	1.9	1.3	0.3	-1.1
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
Equals: Gross domestic purchases	9,699.1	52.9	16.0	10.0	-21.3	2.2	0.7	0.4	-0.9
Less: Change in private inventories	-60.1	-8.9	-69.9	-11.2	-21.8	.....	.....	.....	.....
Equals: Final sales to domestic purchasers	9,739.9	64.6	76.7	19.9	-3.8	2.7	3.2	0.8	-0.2
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
Addendum: Final sales of domestic product	9,357.4	55.4	91.1	17.0	-7.4	2.4	4.0	0.7	-0.3

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates 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.)

inventory investment. The main offset to these decreases was an increase in consumer spending (table 2).³ 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 11th

The economic effects of the September 11th attacks are captured in the national income and product account estimates for the third quarter.¹ 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 11th Terrorist Attacks Not Captured by Regular Source Data, 2001:III

[Billions of dollars at annual rates]

	Adjustment
Product side:	
Personal consumption expenditures ^r	-20.6
Insurance *.....	-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 *.....	-44.0
Government consumption expenditures and gross investment.....	0
State and local compensation.....	0.8
State and local general government insurance *.....	-0.8
Income side:	
Wages and salaries.....	-2.5
Private.....	-3.3
State and local government.....	0.8
Proprietors' income with IVA and CCAadj.....	0
Consumption of fixed capital.....	-2.2
Insurance benefits received.....	2.2
Corporate profits with IVA and CCAadj ^r	-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

^r Revised

* 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 1991.⁴

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]

	2000		2001	
	IV	I	II	III
Percent change at annual rate:				
Gross domestic product.....	1.9	1.3	0.3	-1.1
Percentage points at annual rates:				
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 2001.⁵

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
Gross domestic product	9,316.8	43.8	30.6	7.2	-24.9	1.9	1.3	0.3	-1.1
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
Addenda:									
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

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							
	2001	2000	2001			2000	2001		
	III	IV	I	II	III	IV	I	II	III
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
Motor vehicles and parts	361.3	-7.3	13.1	4.9	-0.6	-8.1	16.1	5.6	-0.6
<i>Of which:</i>									
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 ¹	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 ²	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 ³	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.

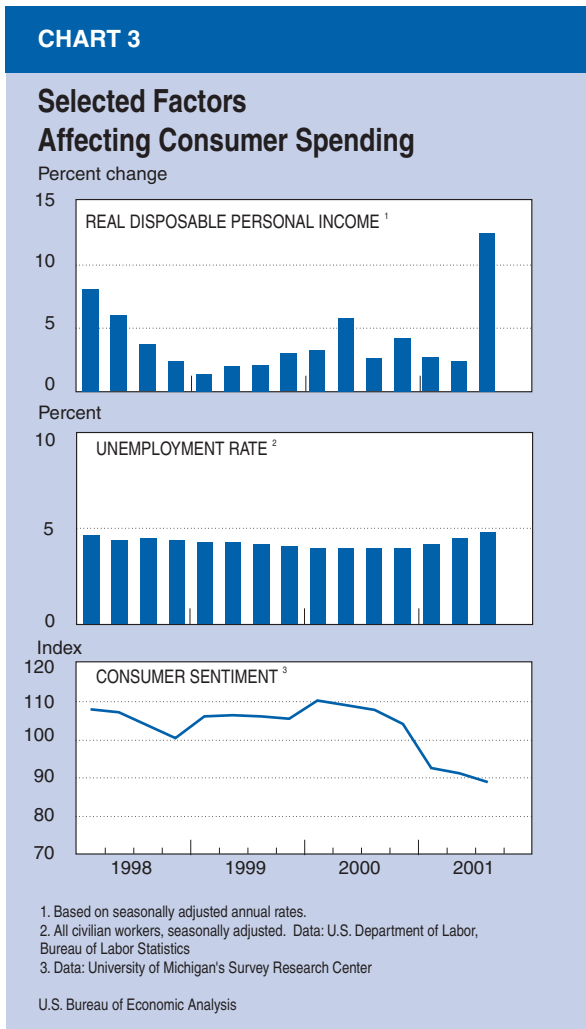
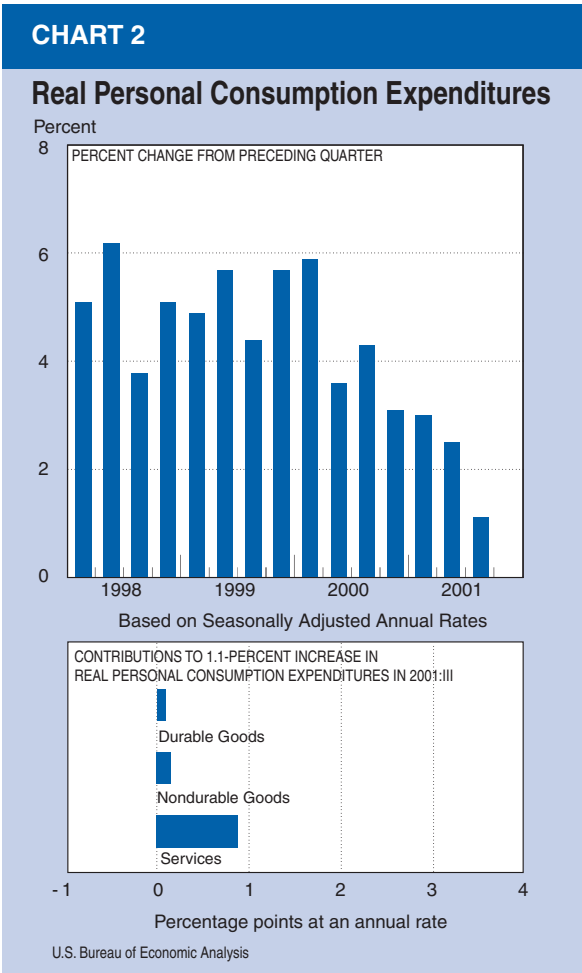
3. Includes personal care, personal business, education and research, religious and welfare activities, and net foreign travel.

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.



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.⁶

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.⁷ 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	
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	
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)	
Equipment and software	1,018.1	-3.0	-11.6	-44.5	-25.1	-1.1	-4.1	-15.4	-9.3	
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 ²	266.5	12.4	-3.2	-27.1	-20.8	17.1	-3.9	-30.3	-25.9	
Software ³	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	
Residential	380.6	-1.0	7.6	5.4	2.3	-1.1	8.5	5.9	2.5	
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 ⁴	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.

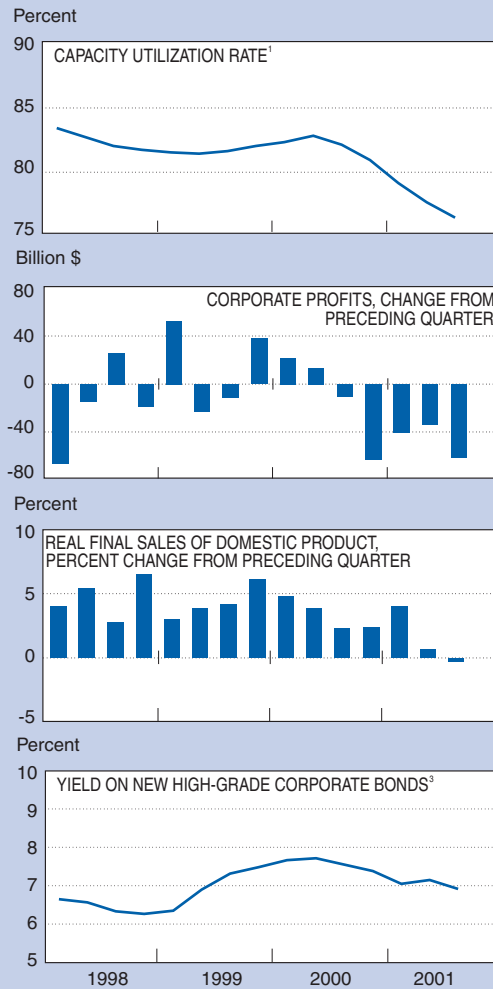
rate bonds decreased from 7.75 percent in June 2000 to 6.83 percent in September 2001 (chart 5).

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 5

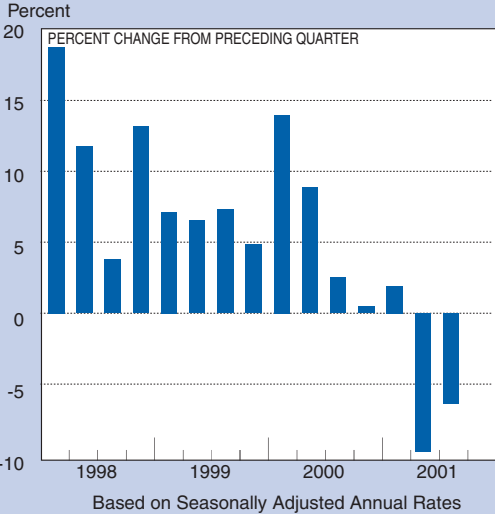
Selected Factors Affecting Nonresidential Investment



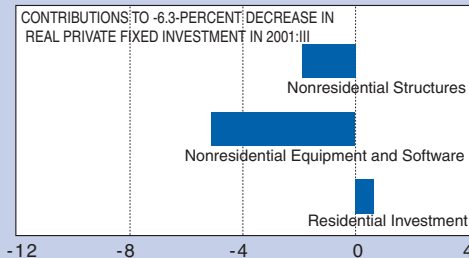
1. All industries. Data: Federal Reserve Board
 2. Domestic industries.
 3. Data: U.S. Treasury Department
 U.S. Bureau of Economic Analysis

CHART 4

Real Private Fixed Investment



Based on Seasonally Adjusted Annual Rates



Percentage points at an annual rate

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 2.08.⁸ 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) \$

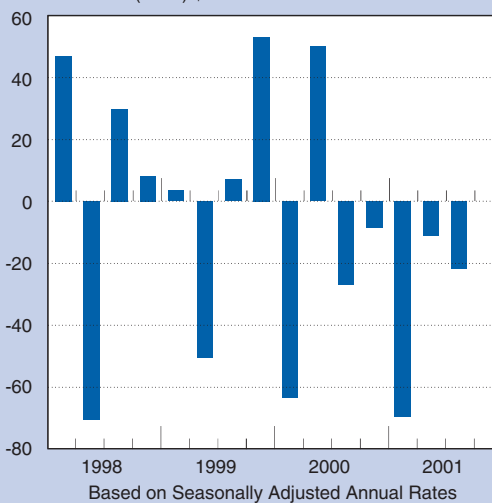


Table 6.—Real Change in Private Inventories

[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	
Change in private inventories	51.7	42.8	-27.1	-38.3	-60.1	-8.9	-69.9	-11.2	-21.8	
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 ¹	7.7	2.8	3.6	1.2	0.7	-4.9	0.8	-2.4	-0.5	
Addenda:										
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).

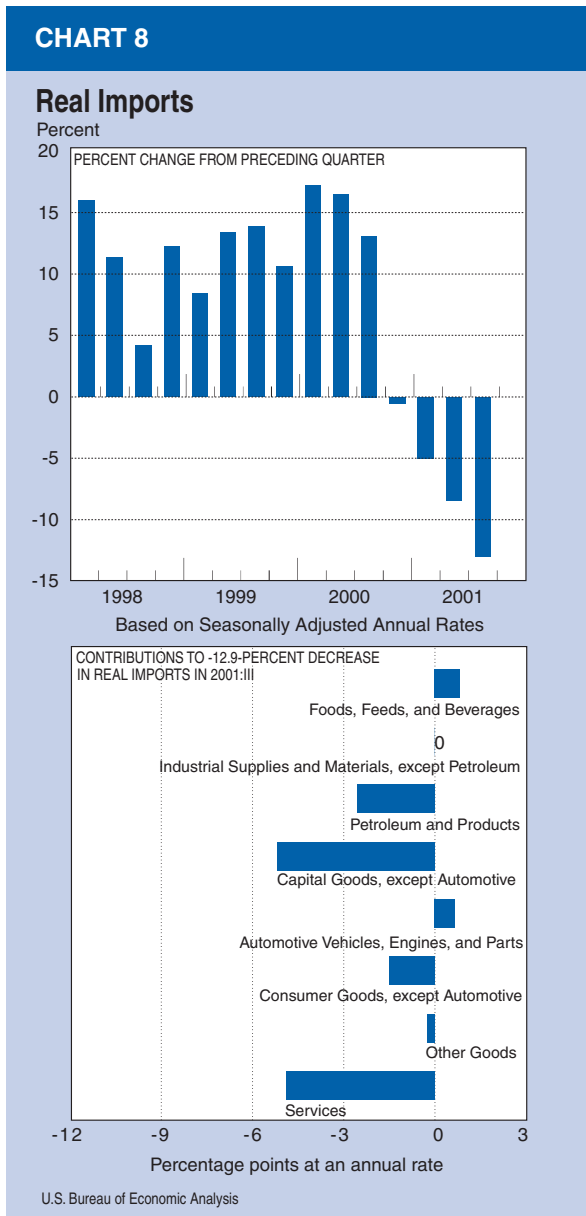
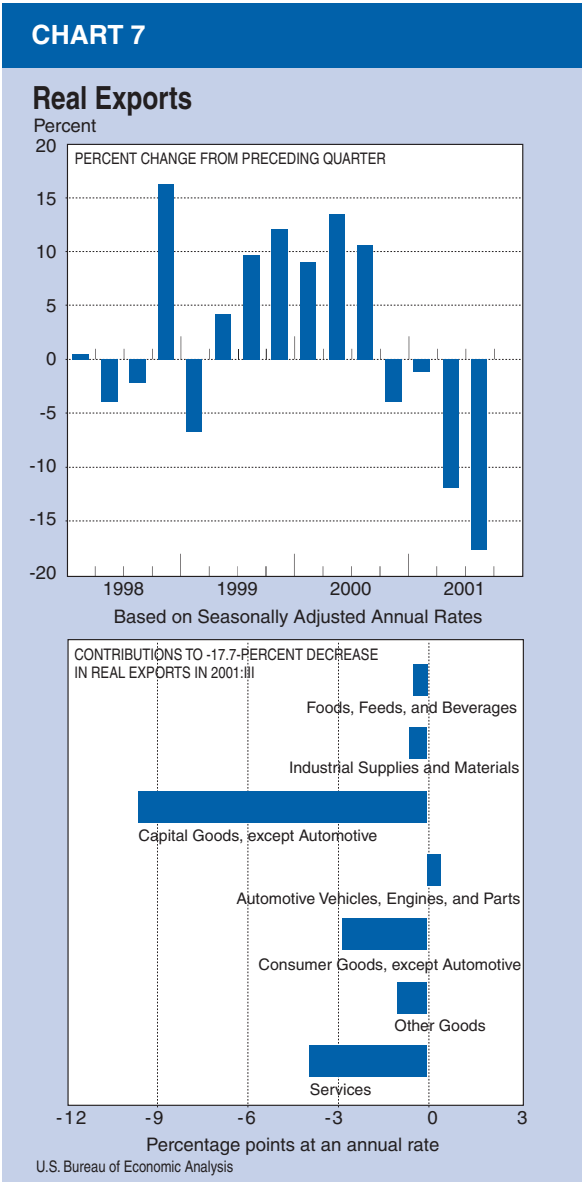
Exports and Imports

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,



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
Exports of goods and services	1,055.5	-11.8	-3.4	-35.8	-52.8	-4.0	-1.2	-11.9	-17.7
Exports of goods ¹	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 ¹	292.8	2.7	1.3	1.8	-10.8	3.7	1.8	2.4	-13.5
Imports of goods and services	1,463.7	-2.1	-19.9	-33.6	-51.3	-0.5	-5.0	-8.4	-12.9
Imports of goods ¹	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 ¹	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

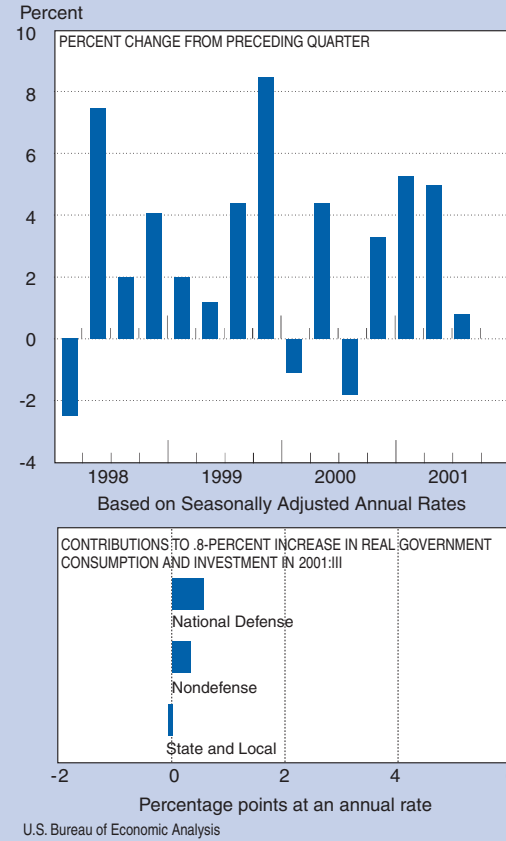


Table 8.—Real Government Consumption Expenditures and Gross Investment
[Seasonally adjusted at annual rates]

	Billions of chained (1996) dollars					Percent change from preceding quarter			
	Level	Change from preceding quarter							
	2001	2000	2001			2000	2001		
	III	IV	I	II	III	IV	I	II	III
Government consumption expenditures and gross investment¹	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
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

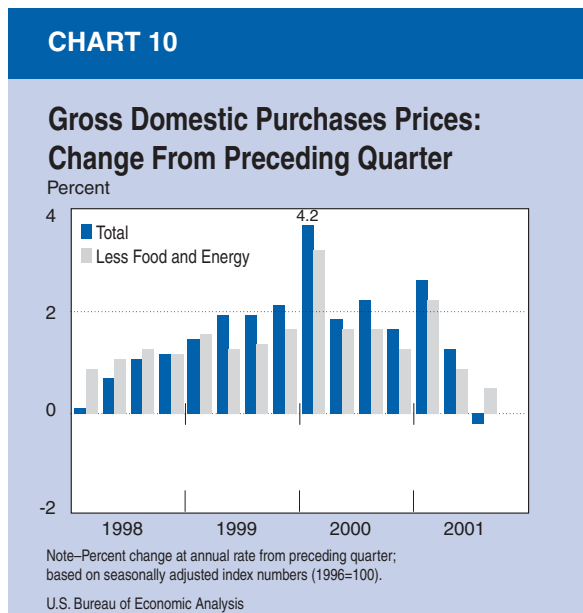
The price index for gross domestic purchases, which measures the prices of goods and services purchased by U.S. residents, decreased 0.2 percent in the third quarter after increasing 1.3 percent in the second (table 9 chart 10). Two factors were mainly responsible for the downturn.

- Consumer prices declined, reflecting the NIPA treatment of insurance benefit payments associated with the September 11th terrorist attacks.⁹ 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

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.



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
Gross domestic product	1.8	3.3	2.1	2.2
Less: Exports of goods and services	0.5	-0.1	-1.0	-1.8
Plus: Imports of goods and services	0.4	-3.0	-6.0	-17.0
Equals: Gross domestic purchases	1.7	2.7	1.3	-0.2
Less: Change in private inventories				
Equals: Final sales to domestic purchasers	1.8	2.6	1.3	-0.2
Personal consumption expenditures	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
Private fixed investment	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
Government consumption expenditures and gross investment	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
Addenda:				
Gross domestic purchases:				
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
Personal consumption expenditures:				
Food	1.6	4.0	2.6	3.8
Energy goods and services ¹	10.5	11.7	9.2	-20.7
Less food and energy	1.5	2.6	0.7	0.4

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.

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
Gross domestic product	-0.4	-1.1	-0.7	-16.6
<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
Equals: Gross domestic purchases	-0.7	-0.9	-0.2	-5.4
<i>Less: Change in private inventories</i> .....	.....	.....	.....	-9.7
Equals: Final sales to domestic purchasers	-0.3	-0.2	0.1	3.3
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	2.2
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
Addenda:				
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.¹⁰

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 NIPAs, 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.¹¹

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.¹² 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							
	2001	2000	2001			2000	2001		
	III	IV	I	II	III	IV	I	II	III
Profits from current production.....	696.7	-47.4	-57.8	-30.0	-63.1	-5.3	-6.8	-3.8	-8.3
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
Domestic industry profits:									
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).¹³ 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
Federal Government						
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
State and local governments						
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
Addendum:						
Net lending or net borrowing (-) ¹	-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.¹⁴ 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.¹⁵ 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.

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.

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

	Line	1998	1999	2000	Seasonally adjusted at annual rates														
					1998				1999				2000				2001		
					I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
Billions of dollars																			
Gross product of corporate business	1	5,329.6	5,667.6	6,110.8	5,199.8	5,275.2	5,386.7	5,456.9	5,552.0	5,604.1	5,693.9	5,820.3	5,958.7	6,084.1	6,174.1	6,226.6	6,265.9	6,296.3	6,287.9
Consumption of fixed capital	2	620.2	669.2	727.1	605.1	614.2	625.1	636.2	648.3	661.0	679.5	687.9	703.6	719.1	736.0	749.7	763.8	785.6	847.0
Net product	3	4,709.5	4,998.4	5,383.8	4,594.7	4,660.9	4,761.6	4,820.7	4,903.7	4,943.1	5,014.4	5,132.3	5,255.1	5,364.9	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	4	494.3	518.5	557.7	482.7	488.2	494.3	512.0	505.8	511.2	522.7	534.4	548.1	555.1	560.1	567.6	574.6	579.0	559.8
Domestic income	5	4,215.1	4,479.8	4,826.0	4,111.9	4,172.7	4,267.2	4,308.7	4,397.9	4,431.8	4,491.7	4,597.9	4,707.0	4,809.8	4,878.0	4,909.3	4,927.4	4,931.6	4,881.0
Compensation of employees	6	3,358.0	3,594.3	3,883.4	3,268.4	3,327.7	3,387.6	3,448.2	3,499.9	3,559.8	3,627.4	3,690.1	3,769.7	3,849.7	3,914.7	4,001.4	4,058.5	4,093.8	4,105.7
Wage and salary accruals	7	2,870.3	3,082.8	3,342.9	2,791.2	2,843.2	2,896.3	2,950.6	2,996.9	3,051.1	3,113.0	3,170.3	3,240.4	3,310.7	3,370.8	3,449.7	3,500.6	3,533.0	3,542.9
Supplements to wages and salaries	8	487.6	511.5	540.5	477.7	484.4	491.3	497.6	503.0	508.7	514.5	519.8	528.2	537.2	544.0	551.6	557.9	560.8	562.8
Corporate profits with inventory valuation and capital consumption adjustments	9	675.2	710.5	739.6	677.9	663.2	689.4	670.1	723.7	700.8	689.6	728.0	749.8	763.8	754.0	690.8	649.7	615.8	553.8
Profits before tax	10	618.8	661.7	708.6	622.2	616.4	631.2	605.6	646.6	649.6	655.2	695.4	724.4	733.1	717.3	659.7	615.7	594.3	537.2
Profits tax liability	11	238.8	253.0	271.5	239.9	237.8	243.6	234.1	246.2	247.9	250.7	267.3	277.0	280.4	274.9	253.5	236.8	228.0	206.0
Profits after tax	12	380.0	408.7	437.1	382.3	378.6	387.6	371.5	400.4	401.7	404.5	428.1	447.4	452.6	442.4	406.2	378.9	366.3	331.2
Dividends	13	309.2	304.3	341.9	303.7	310.5	308.4	314.1	289.0	314.2	299.3	314.6	331.4	326.0	351.1	359.3	383.2	374.7	389.3
Undistributed profits	14	70.8	104.4	95.2	78.6	68.1	79.2	57.4	111.4	87.4	105.2	113.5	116.0	126.7	91.3	46.9	-4.3	-8.4	-68.1
Inventory valuation adjustment	15	18.3	-2.9	-12.4	20.0	10.3	20.2	22.9	28.1	-9	-17.7	-21.0	-23.8	-14.8	-3.6	-7.3	-1.9	-8.8	3.3
Capital consumption adjustment	16	38.0	51.7	43.4	35.6	36.6	38.1	41.7	49.0	52.2	52.1	53.6	49.2	45.5	40.4	38.4	36.0	30.3	13.3
Net interest	17	182.0	175.0	203.0	165.6	181.8	190.2	190.4	174.3	171.2	174.7	179.8	187.5	198.1	209.2	217.2	219.2	222.0	221.5
Gross product of financial corporate business	18	622.6	661.5	730.1	603.0	617.2	632.6	639.5	646.7	645.4	689.5	706.5	713.9	736.9	763.6	769.6	752.6	725.1	745.1
Gross product of nonfinancial corporate business	19	4,707.1	5,006.1	5,380.7	4,596.8	4,658.0	4,756.0	4,817.4	4,905.3	4,958.7	5,029.5	5,130.7	5,252.7	5,370.1	5,437.1	5,463.0	5,496.3	5,539.7	5,542.7
Consumption of fixed capital	20	523.1	560.7	606.9	511.8	518.7	526.8	535.2	544.3	553.9	569.6	575.1	588.0	600.5	614.0	625.0	637.3	656.7	702.2
Net product	21	4,183.9	4,445.4	4,773.9	4,085.1	4,139.2	4,229.2	4,282.2	4,361.1	4,404.8	4,460.0	4,555.7	4,664.7	4,769.7	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	22	457.4	479.2	516.5	446.7	451.7	457.5	473.8	467.4	472.2	482.8	494.5	507.1	513.9	518.8	526.0	532.9	537.0	517.7
Domestic income	23	3,726.5	3,966.1	4,257.4	3,638.3	3,687.5	3,771.7	3,808.4	3,893.6	3,932.6	3,977.1	4,061.2	4,157.6	4,255.8	4,304.3	4,312.0	4,326.1	4,345.9	4,322.8
Compensation of employees	24	3,058.0	3,272.2	3,535.2	2,982.9	3,031.3	3,082.9	3,135.0	3,185.5	3,240.8	3,302.1	3,360.6	3,431.3	3,502.4	3,563.7	3,643.4	3,694.5	3,726.7	3,737.5
Wage and salary accruals	25	2,612.6	2,805.4	3,041.7	2,544.7	2,588.4	2,635.0	2,682.2	2,726.5	2,776.5	2,832.5	2,886.0	2,942.2	3,012.1	3,066.9	3,139.5	3,185.1	3,214.6	3,232.6
Supplements to wages and salaries	26	445.4	466.9	493.5	438.1	442.9	447.9	452.9	459.0	464.4	469.5	474.6	483.0	490.3	496.7	503.9	509.4	512.0	513.9
Corporate profits with inventory valuation and capital consumption adjustments	27	530.7	530.3	550.1	526.3	521.2	548.1	527.2	550.8	531.5	508.8	530.0	552.5	577.6	566.8	503.4	464.8	450.4	416.8
Profits before tax	28	460.4	470.7	504.2	455.4	460.0	476.2	450.1	462.8	469.7	463.9	486.3	514.4	532.8	514.2	455.3	413.5	411.0	386.8
Profits tax liability	29	154.6	170.9	186.6	152.0	154.4	160.8	151.2	167.4	170.3	168.6	177.3	190.6	197.2	190.3	168.2	152.5	151.2	140.0
Profits after tax	30	305.8	299.8	317.6	303.4	305.6	315.5	298.9	295.4	299.4	295.3	309.0	323.8	335.6	323.9	287.1	261.0	259.8	242.8
Dividends	31	242.2	240.0	269.0	237.8	243.0	241.6	246.5	227.4	247.8	236.3	248.4	261.2	256.5	276.0	282.2	300.9	294.3	313.7
Undistributed profits	32	63.6	59.8	48.6	65.6	62.5	73.8	52.4	68.0	51.6	59.0	60.6	62.6	79.0	48.0	5.0	-39.9	-34.5	-70.9
Inventory valuation adjustment	33	18.3	-2.9	-12.4	20.0	10.3	20.2	22.9	28.1	-9	-17.7	-21.0	-23.8	-14.8	-3.6	-7.3	-1.9	-8.8	3.3
Capital consumption adjustment	34	52.0	62.5	58.3	50.9	50.9	51.7	54.2	59.9	62.7	62.6	64.7	61.9	59.6	56.2	55.4	53.2	48.2	30.7
Net interest	35	137.7	163.6	172.1	129.1	135.1	140.6	146.1	157.3	160.3	166.3	170.6	173.8	175.8	173.8	165.2	166.8	168.9	168.5
Billions of chained (1996) dollars																			
Gross product of nonfinancial corporate business	36	4,658.1	4,920.9	5,157.9	4,551.1	4,616.9	4,703.9	4,760.7	4,839.2	4,882.4	4,941.7	5,020.5	5,085.9	5,156.8	5,192.3	5,196.7	5,205.3	5,216.3	5,219.6
Consumption of fixed capital ¹	37	533.8	579.1	624.8	517.7	528.3	539.1	550.0	561.6	572.5	588.4	594.0	602.6	615.4	631.0	650.1	666.7	688.4	730.6
Net product ²	38	4,124.3	4,341.8	4,533.1	4,033.4	4,088.5	4,164.7	4,210.7	4,277.6	4,309.9	4,353.3	4,426.5	4,483.3	4,541.4	4,561.2	4,546.6	4,538.6	4,527.9	4,489.1

1. Chained-dollar consumption of fixed capital of nonfinancial corporate business is calculated as the product of a 164. Chained-dollar net product of nonfinancial corporate business is the difference between the gross product and the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100.

Table 7.15.—Price, Costs, and Profit Per Unit of Real Gross Product of Nonfinancial Corporate Business

[Dollars]

	Line	1998	1999	2000	Seasonally adjusted														
					1998				1999				2000				2001		
					I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
Price per unit of real gross product of nonfinancial corporate business ¹	1	1.011	1.017	1.043	1.010	1.009	1.011	1.012	1.014	1.016	1.018	1.022	1.033	1.041	1.047	1.051	1.056	1.062	1.062
Compensation of employees (unit labor cost)	2	.656	.665	.685	.655	.657	.655	.659	.658	.664	.668	.669	.675	.679	.686	.701	.710	.714	.716
Unit nonlabor cost	3	.240	.244	.251	.238	.239	.239	.243	.242	.243	.247	.247	.250	.250	.251	.253	.256	.261	.266
Consumption of fixed capital	4	.112	.114	.118	.112	.112	.112	.112	.112	.113	.115	.115	.116	.116	.118	.120	.122	.126	.135
Indirect business tax and nontax liability plus business transfer payments less subsidies	5	.098	.097	.100	.098	.098	.097	.100	.097	.097	.098	.098	.100	.100	.100	.101	.102	.103	.099
Net interest	6	.030	.033	.033	.028	.029	.030	.031	.033	.033	.034	.034	.034	.034	.033	.032	.032	.032	.032
Corporate profits with inventory valuation and capital consumption adjustments (unit profits from current production)	7	.114	.108	.107	.116	.113	.117	.111	.114	.109	.103	.106	.109	.112	.109	.097	.089	.086	.080
Profits tax liability	8	.033	.035	.036	.033	.033	.034	.032	.035	.035	.034	.035	.037	.038	.037	.032	.029	.029	.027
Profits after tax with inventory valuation and capital consumption adjustments	9	.081	.073	.070	.082	.079	.082	.079	.079	.074	.069	.070	.071	.074	.073	.065	.060	.057	.053

1. The implicit price deflator for gross product of nonfinancial corporate business divided by 100.

Table 2.9R.—Revised Per Capita Disposable Personal Income
 [Months seasonally adjusted at annual rates]

Year and month	Disposable personal income				Population (mid-period, thousands)
	Total		Per capita		
	Billions of current dollars	Billions of chained (1996) dollars ¹	Current dollars	Chained (1996) dollars ¹	
1990	4,293.6	5,014.2	17,176	20,058	249,981
1991	4,474.8	5,033.0	17,664	19,867	253,336
1992	4,754.6	5,189.3	18,524	20,217	256,677
1993	4,935.3	5,261.3	18,979	20,233	260,037
1994	5,165.4	5,397.2	19,624	20,504	263,226
1995	5,422.6	5,539.1	20,358	20,795	266,364
1996	5,677.7	5,677.7	21,069	21,069	269,485
1997	5,968.2	5,854.5	21,881	21,464	272,756
1998	6,355.6	6,168.6	23,031	22,354	275,955
1999	6,618.0	6,320.0	23,708	22,641	279,144
2000	7,031.0	6,539.2	24,889	23,148	282,489
1990					
January	4,176.2	4,988.3	16,789	20,054	248,743
February	4,210.5	5,008.3	16,915	20,120	248,920
March	4,228.8	5,008.0	16,973	20,101	249,146
April	4,261.6	5,032.0	17,088	20,178	249,384
May	4,263.1	5,019.6	17,079	20,110	249,603
June	4,290.5	5,028.1	17,174	20,126	249,833
July	4,318.9	5,047.4	17,270	20,184	250,075
August	4,328.1	5,025.3	17,290	20,075	250,330
September	4,355.3	5,025.4	17,381	20,055	250,586
October	4,351.1	4,990.7	17,347	19,897	250,828
November	4,360.4	4,992.3	17,368	19,885	251,056
December	4,378.9	5,004.5	17,427	19,917	251,271
1991					
January	4,386.1	4,990.3	17,407	19,804	251,978
February	4,399.8	4,999.0	17,449	19,825	252,149
March	4,411.5	5,009.5	17,482	19,852	252,338
April	4,434.2	5,023.8	17,548	19,882	252,688
May	4,453.8	5,024.9	17,610	19,868	252,913
June	4,484.6	5,051.3	17,718	19,957	253,111
July	4,481.8	5,040.9	17,686	19,893	253,404
August	4,495.4	5,044.2	17,718	19,881	253,715
September	4,518.3	5,051.1	17,787	19,885	254,019
October	4,516.6	5,038.7	17,760	19,813	254,311
November	4,534.3	5,043.6	17,811	19,812	254,576
December	4,581.5	5,079.0	17,979	19,931	254,827
1992					
January	4,633.3	5,122.7	18,165	20,083	255,076
February	4,668.5	5,145.2	18,284	20,152	255,325
March	4,684.3	5,148.7	18,327	20,143	255,603
April	4,705.6	5,160.1	18,389	20,165	255,896
May	4,727.7	5,176.6	18,453	20,206	256,196
June	4,741.4	5,180.8	18,485	20,198	256,499
July	4,750.2	5,172.0	18,496	20,139	256,820
August	4,733.9	5,167.1	18,409	20,094	257,145
September	4,774.1	5,183.6	18,543	20,134	257,458
October	4,817.8	5,213.7	18,691	20,227	257,761
November	4,831.9	5,220.1	18,726	20,230	258,036
December	4,865.5	5,380.3	19,305	20,829	258,304
1993					
January	4,820.2	5,188.7	18,643	20,069	258,549
February	4,826.0	5,185.8	18,648	20,039	258,787
March	4,819.1	5,169.0	18,604	19,955	259,036
April	4,908.8	5,251.7	18,931	20,253	259,303
May	4,933.8	5,264.0	19,007	20,279	259,578
June	4,930.1	5,260.3	19,022	20,242	259,867
July	4,931.6	5,255.7	18,955	20,201	260,169
August	4,956.7	5,274.6	19,029	20,250	260,473
September	4,957.4	5,270.1	19,010	20,210	260,771
October	4,980.7	5,275.6	19,079	20,209	261,050
November	5,002.6	5,289.3	19,145	20,242	261,307
December	5,157.1	5,450.7	19,717	20,839	261,556
1994					
January	4,961.1	5,245.3	18,951	20,037	261,783
February	5,032.1	5,307.6	19,206	20,258	262,003
March	5,061.6	5,326.8	19,300	20,311	262,261
April	5,070.8	5,331.1	19,316	20,307	262,523
May	5,153.1	5,409.0	19,609	20,583	262,785
June	5,162.0	5,403.5	19,622	20,540	263,068
July	5,183.5	5,404.7	19,682	20,522	263,356
August	5,209.0	5,416.5	19,757	20,545	263,645
September	5,240.6	5,441.8	19,856	20,618	263,933
October	5,290.4	5,486.4	20,024	20,766	264,203
November	5,298.0	5,486.1	20,034	20,745	264,454
December	5,323.2	5,507.7	20,111	20,808	264,696
1995					
January	5,346.8	5,515.3	20,182	20,818	264,931
February	5,357.4	5,513.6	20,205	20,794	265,158
March	5,370.1	5,517.2	20,234	20,788	265,403
April	5,339.0	5,471.5	20,098	20,597	265,654
May	5,395.6	5,521.3	20,291	20,764	265,912
June	5,413.8	5,534.2	20,338	20,790	266,192
July	5,427.7	5,538.8	20,368	20,785	266,479
August	5,442.3	5,542.2	20,401	20,775	266,773
September	5,463.1	5,559.0	20,455	20,814	267,079
October	5,484.5	5,568.9	20,514	20,829	267,360
November	5,504.7	5,587.4	20,570	20,880	267,603
December	5,526.0	5,599.7	20,633	20,908	267,822

Table 2.9R.—Revised Per Capita Disposable Personal Income—Continued
 [Months seasonally adjusted at annual rates]

Year and month	Disposable personal income				Population (mid-period, thousands)
	Total		Per capita		
	Billions of current dollars	Billions of chained (1996) dollars ¹	Current dollars	Chained (1996) dollars ¹	
1996					
January	5,533.1	5,593.4	20,644	20,868	268,032
February	5,580.6	5,629.4	20,803	20,985	268,257
March	5,609.5	5,643.3	20,892	21,018	268,503
April	5,575.6	5,594.0	20,746	20,814	268,758
May	5,651.5	5,661.3	21,007	21,044	269,026
June	5,683.8	5,692.7	21,105	21,138	269,306
July	5,694.8	5,691.9	21,123	21,112	269,601
August	5,718.5	5,710.8	21,187	21,158	269,906
September	5,746.1	5,726.3	21,266	21,193	270,204
October	5,753.3	5,715.0	21,270	21,128	270,493
November	5,778.4	5,727.9	21,342	21,155	270,753
December	5,807.5	5,746.8	21,431	21,207	270,981
1997					
January	5,828.7	5,755.4	21,486	21,216	271,274
February	5,856.0	5,767.5	21,569	21,242	271,506
March	5,887.3	5,792.6	21,664	21,315	271,757
April	5,903.4	5,802.2	21,702	21,330	272,019
May	5,922.7	5,822.2	21,752	21,382	272,288
June	5,945.5	5,839.3	21,816	21,423	272,572
July	5,967.8	5,853.1	21,870	21,450	272,879
August	6,002.3	5,882.1	21,971	21,531	273,194
September	6,029.0	5,896.5	22,044	21,560	273,496
October	6,062.0	5,919.9	22,142	21,623	273,777
November	6,094.9	5,950.4	22,241	21,714	274,032
December	6,117.9	5,972.2	22,306	21,774	274,279
1998					
January	6,172.5	6,019.1	22,485	21,926	274,517
February	6,220.4	6,063.7	22,641	22,071	274,740
March	6,269.5	6,110.8	22,800	22,223	274,977
April	6,296.6	6,128.1	22,878	22,266	275,226
May	6,329.3	6,152.7	22,975	22,334	275,488
June	6,352.2	6,180.1	23,050	22,411	275,764
July	6,383.8	6,193.2	23,125	22,434	276,061
August	6,410.6	6,210.5	23,196	22,472	276,370
September	6,426.6	6,226.0	23,228	22,503	276,671
October	6,451.0	6,235.2	23,292	22,513	276,959
November	6,472.1	6,251.6	23,347	22,551	277,220
December	6,478.7	6,252.9	23,349	22,535	277,470
1999					
January	6,499.4	6,258.2	23,405	22,536	277,694
February	6,508.3	6,265.7	23,419	22,546	277,905
March	6,525.3	6,280.9	23,461	22,582	278,132
April	6,553.7	6,278.0	23,542	22,552	278,383
May	6,574.5	6,298.7	23,594	22,604	278,651
June	6,602.7	6,323.3	23,671	22,669	278,939
July	6,622.2	6,324.4	23,714	22,648	279,248
August	6,668.9	6,356.2	23,855	22,736	279,565
September	6,650.9	6,316.7	23,764	22,570	279,874
October	6,705.8	6,357.9	23,934	22,693	280,174
November	6,733.5	6,379.2	24,010	22,746	280,450
December	6,771.2	6,400.6	24,121	22,801	280,714
2000					
January	6,820.4	6,422.7	24,275	22,860	280,963
February	6,850.9	6,424.9	24,364	22,849	281,197
March	6,906.0	6,447.5	24,538	22,908	281,446
April	6,953.5	6,494.0	24,683	23,052	281,712
May	6,998.0	6,534.7	24,817	23,174	281,988
June	7,029.6	6,542.5	24,903	23,177	282,281
July	7,055.0	6,549.7	24,965	23,177	282,598
August	7,076.7	6,571.0	25,013	23,225	282,926
September	7,112.3	6,578.7	25,110	23,226	283,243
October	7,156.9	6,611.3	25,237	23,313	283,590
November	7,183.6	6,628.8	25,308	23,354	283,847
December	7,228.9	6,664.7	25,447	23,461	284,076
2001					
January	7,262.9	6,658.8	25,544	23,419	284,332
February	7,295.2	6,673.4	25,636	23,450	284,575
March	7,326.9	6,704.9	25,723	23,539	284,840
April	7,348.1	6,712.4	25,771	23,541	285,130
May	7,360.3	6,717.7	25,788	23,547	285,414
June	7,381.2	6,727.4	25,835	23,546	285,710
July	7,510.0	6,846.0	26,256	23,934	286,032
August	7,655.1	6,977.5	26,732	24,366	286,362
September	7,565.6	6,934.7	26,390	24,189	286,687
October	7,437.2	6,769.8	25,914	23,588	286,999

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

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

[Dollars; quarters seasonally adjusted at annual rates]

	Line	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	1990				1991			
													I	II	III	IV	I	II	III	IV
Current dollars:																				
Gross domestic product	1	23,215	23,630	24,618	25,544	26,799	27,784	28,993	30,497	31,822	33,204	34,950	22,981	23,237	23,349	23,291	23,344	23,574	23,711	23,886
Gross national product	2	23,331	23,727	24,709	25,637	26,863	27,860	29,060	30,523	31,810	33,179	34,907	23,080	23,340	23,433	23,467	23,474	23,659	23,783	23,988
Personal income	3	19,614	20,074	21,001	21,574	22,369	23,280	24,296	25,433	26,910	27,861	29,450	19,285	19,548	19,780	19,842	19,828	20,024	20,141	20,298
Disposable personal income	4	17,176	17,664	18,524	18,979	19,624	20,358	21,069	21,881	23,031	23,708	24,889	16,892	17,114	17,313	17,381	17,446	17,625	17,731	17,850
Personal consumption expenditures	5	15,327	15,676	16,401	17,131	17,918	18,655	19,435	20,272	21,221	22,391	23,818	15,083	15,249	15,466	15,509	15,485	15,652	15,759	15,805
Durable goods	6	1,871	1,749	1,834	1,974	2,130	2,214	2,288	2,356	2,512	2,726	2,902	1,954	1,880	1,853	1,797	1,742	1,745	1,769	1,738
Nondurable goods	7	4,985	5,048	5,154	5,288	5,463	5,621	5,841	6,018	6,191	6,561	7,043	4,908	4,941	5,027	5,062	5,028	5,065	5,065	5,034
Services	8	8,472	8,879	9,412	9,868	10,324	10,820	11,307	11,898	12,518	13,104	13,874	8,222	8,428	8,586	8,650	8,715	8,842	8,925	9,033
Chained (1996) dollars:																				
Gross domestic product	9	26,834	26,354	26,804	27,160	27,914	28,321	28,993	29,915	30,834	31,727	32,653	26,980	26,969	26,842	26,545	26,299	26,368	26,348	26,401
Gross national product	10	26,962	26,480	26,905	27,257	27,977	28,397	29,060	29,947	30,833	31,715	32,626	27,090	27,086	26,935	26,740	26,442	26,461	26,426	26,513
Disposable personal income	11	20,058	19,867	20,217	20,233	20,504	20,795	21,069	21,464	22,354	22,641	23,148	20,092	20,138	20,104	19,900	19,827	19,902	19,866	19,852
Personal consumption expenditures	12	17,899	17,631	17,900	18,262	18,722	19,055	19,435	19,886	20,597	21,381	22,152	17,940	17,943	17,959	17,756	17,598	17,674	17,675	17,578
Durable goods	13	1,948	1,796	1,866	1,993	2,119	2,191	2,288	2,410	2,633	2,930	3,170	2,036	1,960	1,931	1,867	1,795	1,795	1,814	1,779
Nondurable goods	14	5,479	5,384	5,414	5,500	5,642	5,740	5,841	5,939	6,111	6,328	6,549	5,504	5,499	5,496	5,417	5,389	5,412	5,397	5,338
Services	15	10,466	10,468	10,635	10,777	10,965	11,125	11,307	11,538	11,862	12,156	12,488	10,376	10,476	10,530	10,480	10,429	10,483	10,477	10,481
Population (mid-period, thousands)	16	249,981	253,336	256,677	260,037	263,226	266,364	269,485	272,756	275,955	279,144	282,489	248,936	249,607	250,330	251,052	252,155	252,904	253,713	254,571

	Line	1992				1993				1994				1995				1996		
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
Current dollars:																				
Gross domestic product	1	24,218	24,499	24,678	25,073	25,200	25,413	25,552	26,006	26,288	26,697	26,915	27,293	27,521	27,612	27,862	28,137	28,441	28,929	29,118
Gross national product	2	24,316	24,595	24,762	25,161	25,318	25,505	25,665	26,058	26,367	26,760	26,972	27,350	27,601	27,707	27,904	28,224	28,541	28,994	29,160
Personal income	3	20,666	20,891	20,964	21,477	21,120	21,555	21,616	21,999	21,807	22,302	22,512	22,849	23,042	23,177	23,338	23,560	23,876	24,196	24,442
Disposable personal income	4	18,259	18,442	18,483	18,907	18,632	18,970	18,998	19,314	19,153	19,516	19,765	20,056	20,207	20,242	20,408	20,573	20,780	20,953	21,192
Personal consumption expenditures	5	16,148	16,282	16,433	16,735	16,811	17,032	17,231	17,446	17,609	17,799	18,028	18,231	18,361	18,591	18,762	18,903	19,125	19,396	19,502
Durable goods	6	1,798	1,808	1,844	1,886	1,884	1,955	1,999	2,059	2,085	2,107	2,136	2,193	2,180	2,198	2,235	2,242	2,261	2,309	2,285
Nondurable goods	7	5,112	5,110	5,157	5,237	5,239	5,279	5,297	5,339	5,380	5,423	5,500	5,548	5,566	5,612	5,633	5,675	5,739	5,833	5,849
Services	8	9,238	9,364	9,432	9,612	9,689	9,798	9,935	10,049	10,144	10,270	10,392	10,490	10,615	10,782	10,894	10,986	11,125	11,253	11,368
Chained (1996) dollars:																				
Gross domestic product	9	26,566	26,725	26,832	27,092	27,005	27,086	27,112	27,434	27,591	27,894	27,955	28,214	28,242	28,216	28,343	28,483	28,615	29,004	29,054
Gross national product	10	26,675	26,830	26,924	27,187	27,129	27,182	27,229	27,486	27,669	27,955	28,012	28,270	28,323	28,311	28,384	28,570	28,715	29,069	29,097
Disposable personal income	11	20,126	20,190	20,122	20,429	20,021	20,258	20,220	20,430	20,202	20,477	20,562	20,773	20,800	20,717	20,791	20,872	20,957	20,999	21,154
Personal consumption expenditures	12	17,799	17,825	17,891	18,083	18,065	18,189	18,339	18,455	18,574	18,676	18,754	18,883	18,900	19,027	19,114	19,179	19,288	19,438	19,467
Durable goods	13	1,836	1,840	1,875	1,914	1,914	1,977	2,014	2,066	2,087	2,099	2,115	2,172	2,151	2,171	2,214	2,226	2,243	2,306	2,290
Nondurable goods	14	5,409	5,383	5,398	5,466	5,449	5,492	5,539	5,592	5,623	5,655	5,697	5,711	5,736	5,742	5,772	5,792	5,835	5,849	
Services	15	10,570	10,620	10,633	10,716	10,714	10,728	10,811	10,855	10,898	10,958	10,988	11,015	11,040	11,121	11,159	11,181	11,253	11,297	11,329
Population (mid-period, thousands)	16	255,335	256,197	257,141	258,034	258,791	259,583	260,471	261,304	262,016	262,792	263,645	264,451	265,164	265,920	266,777	267,595	268,264	269,030	269,904

	Line	1996	1997				1998				1999				2000				2001		
		IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
Current dollars:																					
Gross domestic product	1	29,480	29,922	30,408	30,715	30,941	31,403	31,570	31,901	32,410	32,720	32,877	33,257	33,955	34,384	34,957	35,124	35,330	35,637	35,746	35,723
Gross national product	2	29,540	29,950	30,452	30,739	30,947	31,427	31,581	31,849	32,377	32,707	32,861	33,209	33,935	34,320	34,898	35,060	35,345	35,601	35,705	35,699
Personal income	3	24,665	25,017	25,264	25,545	25,902	26,406	26,799	27,104	27,328	27,460	27,703	27,968	28,310	28,821	29,331	29,625	30,016	30,361	30,533	30,634
Disposable personal income	4	21,348	21,573	21,757	21,962	22,230	22,642	22,967	23,183	23,329	23,428	23,602	23,778	24,022	24,392	24,801	25,029	25,331	25,634	25,798	26,459
Personal consumption expenditures	5	19,716	19,999	20,091	20,410	20,584	20,819	21,126	21,331	21,604	21,880	22,239	22,530	22,909	23,406	23,670	23,984	24,209	24,519	24,682	24,652
Durable goods	6	2,296	2,339	2,293	2,388	2,402	2,427	2,502	2,503	2,616	2,632	2,709	2,747	2,815	2,919	2,886	2,917	2,884	2,945	2,960	2,934
Nondurable goods	7	5,941	5,992	5,976	6,051	6,054	6,099	6,160	6,212	6,293	6,392	6,512	6,587	6,749	6,908	7,015	7,113	7,135	7,193	7,226	7,184
Services	8	11,479	11,668	11,822	11,971	12,127	12,293	12,463	12,616	12,696	12,856	13,018	13,196	13,344	13,580	13,769	13,953	14,190	14,381	14,496	14,533
Chained (1996) dollars:																					
Gross domestic product	9	29,295	29,525	29,865	30,076	30,190	30,561	30,647	30,859	31,267	31,426	31,477	31,733	32,270	32,370	32,729	32,730	32,779	32,801	32,730	32,535
Gross national product	10	29,356	29,557	29,915	30,108	30,205	30,593	30,667	30,820	31,246	31,424	31,471	31,698	32,263	32,322	32,688	32,685	32,806	32,782	32,708	32,530
Disposable personal income	11	21,164	21,258	21,378	21,514	21,704	22,073	22,337	22,470	22,533	22,555	22,609	22,651	22,747	22,872	23,134	23,209	23,376	23,470	23,541	24,163
Personal consumption expenditures	12	19,546	19,707	19,742	19,994	20,097	20,296	20,546	20,674	20,867	21,064	21,303	21,462	21,693	21,948	22,079	22,240	22,341	22,449	22,523	22,512
Durable goods	13	2,311	2,363	2,338	2,454	2,485	2,521	2,612	2,631	2,768	2,809	2,905	2,959								

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-

sent 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.

J. Steven Landefeld
Director, Bureau of Economic Analysis

Mission

THE 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 underreporting 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 WEALTH ACCOUNTS					
Programs and New Initiatives: FY 2001–2005					
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 WEALTH ACCOUNTS—Continued					
Programs and New Initiatives: FY 2001–2005					
Programs	2001	2002	2003	2004	2005
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.

INDUSTRY ACCOUNTS					
Programs and New Initiatives: FY 2001–2005					
Programs	2001	2002	2003	2004	2005
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 NIPAs for 2002.	Publish revised GDP-by-Industry Accounts consistent with 1997 Benchmark I-O and revised NIPAs, 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 NIPAs.	Publish NAICS-based Annual I-O Accounts for 2000, consistent with 1997 Benchmark I-O Accounts and revised NIPAs; 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.
New Initiatives					
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					
Programs and 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 2001–2005					
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.

REGIONAL ACCOUNTS					
Programs and New Initiatives: FY 2001–2005					
Programs	2001	2002	2003	2004	2005
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.
New Initiatives					
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.

MANAGEMENT—Continued					
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. Replace laptop computers.
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. Regional system Re-engineering.

MANAGEMENT—Continued Programs and New Initiatives: 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. 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

THIS 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 (NIPAs).¹ The estimates of industry and commodity output are based on Census Bureau annual survey data and other annual sources.

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.

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.² 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).³

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]

	Industries ¹										Final uses (GDP)							Total commodity output ³
	Agriculture	Mining	Construction	Manufacturing	Transportation, communication, and utilities	Trade	Finance, insurance, and real estate	Services	Other ²	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 ³	
Commodities																		
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 ²	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 ⁴	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 ³	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 1992–98.⁴ In contrast, services commodities grew 6.7 percent in 1998, about the same as the average

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.

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.

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
	ALL COMMODITIES.....	10,857,353	14,704,030	15,432,301	631,637	990,973	1,047,382	11,487,126	15,632,077	16,406,556
	AGRICULTURE, FORESTRY, AND FISHERIES									
	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
	MINING									
	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	11,394	-1,488	-1,921	-1,300	9,275	10,945	10,062
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
	CONSTRUCTION									
	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
	MANUFACTURING									
	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	19,827	19,178	909	1,075	817	24,881	20,673	19,873
14	Food and kindred products.....	408,557	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	1,068	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 fabricated textile products.....	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	2,870	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	72,486	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	3,253	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
MANUFACTURING—Continued										
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
TRANSPORTATION, COMMUNICATION, AND UTILITIES										
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	-4,038	-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
WHOLESALE AND RETAIL TRADE										
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
FINANCE, INSURANCE, AND REAL ESTATE										
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
SERVICES										
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
SPECIAL INDUSTRIES										
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	35
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
[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
	ALL COMMODITIES	4,555,250	6,385,588	6,650,777	4,208,718	5,529,283	5,856,029	851,785	1,327,654	1,465,618	602,609	901,651	895,637	1,265,199	1,487,901	1,538,494
	AGRICULTURE, FORESTRY, AND FISHERIES															
	Total.....	197,601	253,487	245,564	27,054	34,735	34,596				19,857	23,495	19,563	833	2,602	2,984
01	Livestock and livestock products.....	85,869	97,732	95,073	3,709	4,398	4,203				800	967	958	201	266	278
02	Other agricultural products.....	71,142	97,925	88,898	19,531	25,205	24,672				16,116	20,223	16,666	582	1,125	1,289
03	Forestry and fishery products.....	13,280	17,843	17,699	3,085	4,344	4,715				2,880	2,272	1,905	-1,676	-1,228	-1,131
04	Agricultural, forestry, and fishery services.....	27,310	39,986	43,894	729	968	1,006				61	33	34	1,726	2,439	2,547
	MINING															
	Total.....	183,026	219,446	176,417	107	105	105	73	1,138	956	8,202	7,755	6,961	-212	-457	-180
05+06	Metallic ores mining.....	8,268	8,973	8,603				50	948	727	1,104	1,306	1,025	-147	-282	-293
07	Coal mining.....	23,786	20,756	20,526	68	55	55				3,122	2,344	2,033	77	82	83
08	Crude petroleum and natural gas.....	138,601	174,357	131,408				23	189	229	3,290	3,322	3,173	-202	-321	-8
09+10	Nonmetallic minerals mining.....	12,371	15,361	15,881	39	50	50				686	783	730	60	64	37
	CONSTRUCTION															
	Total.....	159,618	215,556	218,971				360,278	521,520	577,089	77	74	78	159,357	207,157	210,040
11	New construction, including own-account construction.....	170	340	271				339,916	488,457	542,027				116,863	151,928	154,318
12	Maintenance and repair construction, including own-account construction.....	159,448	215,216	218,700				20,362	33,063	35,062	77	74	78	42,494	55,229	55,722
	MANUFACTURING															
	Total.....	1,639,510	2,224,050	2,260,269	842,150	1,034,046	1,078,057	339,058	544,940	587,174	342,980	527,893	523,300	208,772	207,125	210,188
13	Ordinance and accessories.....	465	385	157	1,473	1,495	1,555	29	291	241	3,592	3,237	2,890	19,322	15,265	15,030
14	Food and kindred products.....	153,699	190,896	193,067	248,010	282,777	290,997				19,630	27,513	26,701	9,118	11,023	11,733
15	Tobacco products.....	3,348	3,479	3,508	30,395	31,748	35,717				5,874	6,062	5,965	-20	-38	-43
16	Broad and narrow fabrics, yarn and thread mills.....	37,127	43,804	43,488	1,683	1,898	1,898				2,359	3,208	3,307	279	640	674
17	Miscellaneous textile goods and floor coverings.....	10,074	11,954	12,673	5,578	6,696	7,134	2,343	2,720	2,865	1,724	2,321	2,280	124	171	173
18	Apparel.....	16,628	17,179	16,114	80,934	97,322	100,336				4,065	8,234	8,454	1,597	1,905	2,050
19	Miscellaneous fabricated textile products.....	10,770	14,014	14,099	11,189	15,477	16,506				810	1,003	995	652	774	825
20+21	Lumber and wood products.....	80,245	110,878	113,386	2,529	3,168	3,264	4,661	9,921	10,846	5,965	6,185	5,030	207	314	328
22+23	Furniture and fixtures.....	5,479	10,408	11,900	21,623	29,643	33,174	16,091	23,332	24,313	2,633	3,865	4,303	2,864	4,326	4,498
24	Paper and allied products, except containers.....	80,994	94,820	98,734	14,921	16,625	16,342				8,567	11,582	10,859	3,959	5,010	5,566
25	Paperboard containers and boxes.....	30,352	36,560	39,714	381	383	470				691	1,304	1,319	289	363	377
26A	Newspapers and periodicals.....	4,401	5,345	5,504	14,339	17,424	17,878				653	791	782	763	1,121	1,162
26B	Other printing and publishing.....	56,500	64,585	65,506	15,282	21,669	23,156				2,984	3,635	3,685	7,466	9,780	10,106
27A	Industrial and other chemicals.....	97,797	132,738	120,141	2,154	2,170	2,179	1,957	1,345	1,694	17,292	25,220	23,140	7,805	9,249	9,824
27B	Agricultural fertilizers and chemicals.....	15,545	20,695	19,688	920	1,430	2,627				3,341	4,638	4,723	527	642	662
28	Plastics and synthetic materials.....	46,036	61,022	60,770							8,477	13,453	12,536	19	16	16
29A	Drugs.....	17,620	28,240	33,858	43,864	63,173	73,132				7,272	10,384	11,098	5,466	7,764	7,976
29B	Cleaning and toilet preparations.....	8,826	11,786	9,841	30,098	37,430	37,664				2,591	4,513	4,405	908	1,280	1,278
30	Paints and allied products.....	12,894	15,609	15,999	480	645	618				745	1,185	1,209	418	1,214	1,293
31	Petroleum refining and related products.....	83,751	99,644	77,317	53,355	62,255	50,408				9,084	10,244	8,499	15,177	16,737	16,163
32	Rubber and miscellaneous plastics products.....	99,363	139,287	143,817	15,051	20,302	20,739	215	335	351	6,905	11,932	12,234	2,537	3,616	3,752
33+34	Footwear, leather, and leather products.....	3,871	4,730	4,632	16,491	20,320	20,116				1,464	1,863	1,799	205	290	307
35	Glass and glass products.....	16,883	21,858	21,310	979	1,299	2,186				1,544	2,518	2,346	549	336	349
36	Stone and clay products.....	42,481	63,039	69,714	2,570	3,432	3,569				1,713	2,455	2,324	274	429	431
37	Primary iron and steel manufacturing.....	81,280	113,138	116,602	36	64	77	16	50	47	3,505	5,049	4,858	317	538	553
38	Primary nonferrous metals manufacturing.....	68,611	94,237	94,933	71	78	77	52	70	67	6,379	10,214	9,667	320	409	409
39	Metal containers.....	13,025	12,807	13,119				38	65		341	328	303	25	27	28
40	Heating, plumbing, and fabricated structural metal products.....	43,481	63,210	69,816	326	559	480	3,612	4,485	4,483	2,061	3,356	3,135	688	816	818
41	Screw machine products and stampings.....	33,140	51,437	52,408	1,345	1,933	1,912				2,171	1,492	2,728	319	322	331
42	Other fabricated metal products.....	51,306	71,608	76,128	4,266	5,623	5,750	2,415	3,454	3,616	4,849	8,428	8,938	2,125	2,787	2,841
43	Engines and turbines.....	10,279	13,972	16,257	169	222	226	3,271	3,656	4,364	5,419	9,890	9,359	1,354	729	768
44+45	Farm, construction, and mining machinery.....	6,049	6,693	7,475	400	258	496	17,803	36,096	39,916	9,002	14,979	14,200	2,169	2,885	3,248
46	Materials handling machinery and equipment.....	2,674	4,393	5,185				5,743	10,017	11,180	1,302	2,284	2,223	80	83	88
47	Metalworking machinery and equipment.....	9,666	13,720	13,908	687	1,091	1,340	17,652	29,340	30,195	3,686	6,139	6,017	464	674	713
48	Special industry machinery and equipment.....	4,224	6,732	7,042	237	231	225	16,820	27,042	28,213	4,510	8,624	6,892	414	322	338
49	General industrial machinery and equipment.....	17,643	22,406	23,807				11,300	17,066	16,973	7,834	12,403	11,392	777	898	941
50	Miscellaneous machinery, except electrical.....	22,989	33,031	33,645	136	120	120	700	832	854	1,962	4,033	4,036	1,113	986	1,503
51	Computer and office equipment.....	24,759	39,902	46,465	5,366	11,375	12,869	36,169	64,375	67,317	22,925	40,337	37,791	6,795	8,069	7,840
52	Service industry machinery.....	14,939	21,846	22,665	910	1,150	1,162	7,376	10,000	10,539	3,320	5,238	5,221	1,334	1,191	1,238
53	Electrical industrial equipment and apparatus.....	21,175	31,026	31,743	200	269	277	6,826	9,505	10,654	4,083	6,479	6,356	1,508	1,885	1,949
54	Household appliances.....	2,658	4,325	4,474	13,100	15,956	17,421	2,668	3,425	3,774	2,329	3,055	2,947	246	272	282
55	Electric lighting and wiring equipment.....	17,691	24,035	25,982	2,023	2,149	2,171	283	288	315	2,839	4,522	4,594	1,063	1,269	1,310
56	Audio, video, and communication equipment.....	12,017	21,231	23,314	21,682	26,825	27,945	24,513	44,024	48,634	9,551	19,525	19,890	8,253	11,639	10,126
57	Electronic components and accessories.....	75,400	144,815	139,150	216	245	252				16,150	39,093	38,422	2,157	1,312	1,247

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
MANUFACTURING—Continued																
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
TRANSPORTATION, COMMUNICATION, AND UTILITIES																
Total.....																
65A	Railroads and related services; passenger ground transportation.....	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
65B	Motor freight transportation and warehousing.....	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
65C	Water transportation.....	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
65D	Air 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
65E	Pipelines, freight forwarders, and related services.....	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
66	Communications, except radio and TV.....	22,544	29,961	31,524	3,474	4,326	4,482				2,700	3,090	3,125	240	281	372
67	Radio and TV broadcasting.....	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
68A	Electric services—utilities.....	835	1,747	1,827	1,839	3,433	3,750									
68B	Gas production and distribution—utilities.....	98,868	117,390	110,788	79,337	93,742	96,346				267	283	453	17,918	22,569	23,631
68C	Water and sanitary services.....	61,944	69,097	64,744	29,537	36,565	32,546				548	428	420	4,115	5,087	5,353
		27,052	35,780	35,898	20,464	28,692	29,793				65	63	64	2,684	1,205	2,677
WHOLESALE AND RETAIL TRADE																
Total.....																
69A	Wholesale trade.....	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
69B	Retail 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
		39,882	53,889	58,673	471,448	617,156	659,713	14,358	23,797	25,387	20	32	33	470	2	2
FINANCE, INSURANCE, AND REAL ESTATE																
Total.....																
70A	Finance.....	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
70B	Insurance.....	163,754	288,601	343,557	198,007	304,148	336,268				17,142	30,822	33,197	12,136	16,669	17,150
71A	Owner-occupied dwellings.....	90,095	146,682	151,107	138,181	189,765	196,833				1,685	3,515	3,246	2,829	3,050	2,397
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
SERVICES																
Total.....																
72A	Hotels and lodging places.....	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
72B	Personal and repair services—except auto.....	27,260	36,057	38,642	29,881	40,071	41,874				48	114	120	1,747	1,613	1,649
73A	Computer and data processing services, including own-account software.....	23,579	30,108	31,528	65,602	85,560	91,759				42	74	78	2,793	3,622	3,777
73B	Legal, engineering, accounting, and related services.....	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
73C	Other business and professional services, except medical.....	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
73D	Advertising.....	271,050	453,549	518,753	20,917	28,581	31,190				5,677	9,086	9,811	36,373	44,447	44,787
74	Eating and drinking places.....	136,364	184,119	196,008	676	1,053	1,090				531	921	774	1,574	2,231	2,329
75	Automotive repair and services.....	41,383	47,969	47,178	242,151	311,168	329,080				328	710	739	-1,845	-1,905	-2,260
76	Amusements.....	70,073	99,065	104,016	90,099	146,108	153,378				34	1,183	1,591	4,204	5,618	5,829
77A	Health services.....	41,927	66,266	69,355	78,466	117,315	127,297				4,289	9,380	10,274	-1,497	-1,709	-1,762
77B	Educational and social services, and membership organizations.....	13,484	15,923	17,783	611,328	798,000	838,616				26	204	227	-60,218	-88,067	-92,790
77C		16,339	25,272	22,303	225,749	300,845	325,789				450	607	577	-14,458	-23,918	-25,350
SPECIAL INDUSTRIES																
Total.....																
78	Federal Government enterprises.....	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
79	State and local government enterprises.....	39,448	61,052	66,367	6,881	8,511	8,731				188	273	290	3,683	4,914	4,835
80	Noncomparable imports.....	6,810	10,107	10,628	22,489	32,220	32,842							863	1,234	1,277
81	Scrap, used and secondhand goods.....	44,964	66,110	69,413	33,009	43,989	47,744							12,063	10,623	10,644
82	General government industry.....	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
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
All commodities.....	11,487,126	15,632,077	16,406,556	6.1	5.0	100.0	100.0
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	
	Total.....	1,465,618	100.0	9.5	10.4	2,056
	Largest commodities.....	1,387,982	94.7	9.5	10.3	2,052
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>, 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
AGRICULTURE, FORESTRY, AND FISHERIES					
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
MINING					
05+06	Metallic ores mining	101-6, *108, 109	59A	Motor vehicles (passenger cars and trucks)	3711
07	Coal mining	121-3, *124	59B	Truck and bus bodies, trailers, and motor vehicles parts	3713-5
08	Crude petroleum and natural gas	131, 132, *138	60	Aircraft and parts	372, 3764, 3769
09+10	Nonmetallic minerals mining	141-7, *148, 149	61	Other transportation equipment	3716, 373-5, 3792, 3799
CONSTRUCTION					
11	New construction, including own-account construction	*108, *124, *138, *148, *15, *16, *17, 6552	62	Scientific and controlling instruments	381, 382, 384, 387
12	Maintenance and repair construction, including own-account construction	*138, *15, *16, *17	63	Ophthalmic and photographic equipment	385, 386
MANUFACTURING					
13	Ordnance and accessories	348, 3761, 3795	64	Miscellaneous manufacturing	39
14	Food and kindred products	20	TRANSPORTATION, COMMUNICATION, AND UTILITIES		
15	Tobacco products	21	65A	Railroads and related services; passenger ground transportation	40, 41, 474
16	Broad and narrow fabrics, yarn and thread mills	221 4, *226, 228	65B	Motor freight transportation and warehousing	42
17	Miscellaneous textile goods and floor coverings	227, 229	65C	Water transportation	44
18	Apparel 225,	231-8	65D	Air transportation	45
19	Miscellaneous fabricated textile products	239	65E	Pipelines, freight forwarders, and related services	46, 472, 473, 478
20+21	Lumber and wood products	24	66	Communications, except radio and TV	481, 482, 484, 489
22+23	Furniture and fixtures	25	67	Radio and TV broadcasting	483
24	Paper and allied products, except containers	261, 262, 263, 267	68A	Electric services (utilities)	491, 4931
25	Paperboard containers and boxes	265	68B	Gas production and distribution (utilities)	492, 4932, 4939
26A	Newspapers and periodicals	271, 272	68C	Water and sanitary services	494-7
26B	Other printing and publishing	273-9	WHOLESALE AND RETAIL TRADE		
27A	Industrial and other chemicals	281, 286, 289	69A	Wholesale trade	50, 51
27B	Agricultural fertilizers and chemicals	287	69B	Retail trade	52-7, 59
28	Plastics and synthetic materials	282	FINANCE, INSURANCE, AND REAL ESTATE		
29A	Drugs	283	70A	Finance	60-2, 67 (excluding 6732)
29B	Cleaning and toilet preparations	284	70B	Insurance	63, 64
30	Paints and allied products	285	71A	Owner-occupied dwellings	65 (excluding 6552)
31	Petroleum refining and related products	29	71B	Real estate and royalties	
32	Rubber and miscellaneous plastics products	30	SERVICES		
33+34	Footwear, leather, and leather products	31	72A	Hotels and lodging places	70
35	Glass and glass products	321-3	72B	Personal and repair services (except auto)	72, 762-4
36	Stone and clay products	324-9	73A	Computer and data processing services, including own-account software	737
37	Primary iron and steel manufacturing	331, 332, 339, 3462	73B	Legal, engineering, accounting, and related services	81, 871, 872, 89
38	Primary nonferrous metals manufacturing	333-6, 3463	73C	Other business and professional services, except medical	732-6, 738, 769, 8731, 8732, 8734, 874
39	Metal containers	341	73D	Advertising	731
40	Heating, plumbing, and fabricated structural metal products	343, 344	74	Eating and drinking places	58
41	Screw machine products and stamping	345, 3465-9	75	Automotive repair and services	75
42	Other fabricated metal products	342, 347, 349	76	Amusements	78, 79
43	Engines and turbines	351	77A	Health services	074, 80
44+45	Farm, construction, and mining machinery	352, 3531-3	77B	Educational and social services, and membership organizations	6732, 82-4, 86, 8733
46	Materials handling machinery and equipment	3534-7	SPECIAL INDUSTRIES		
47	Metalworking machinery and equipment	354	78	Federal Government enterprises	(1)
48	Special industry machinery and equipment	355	79	State and local government enterprises	(1)
49	General industrial machinery and equipment	356	80	Noncomparable imports	(2)
50	Miscellaneous machinery, except electrical	359	81	Scrap, used and secondhand goods	(3)
51	Computer and office equipment	357	82	General government industry	(4)
52	Service industry machinery	358	83	Rest of the world adjustment to final uses	(5)
53	Electrical industrial equipment and apparatus	361, 362	84	Household industry	(6)
54	Household appliances	363	85	Inventory valuation adjustment	(7)

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				11	
07	Coal mining.....						8			2	
08	Crude petroleum and natural gas.....							87,491			
09+10	Nonmetallic minerals mining.....									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	News-papers 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									1				20		13
	491,912					11			40	11			1,066	2	14
		46,186							4				13		15
			43,525	174	322	1,968			1						16
			28	21,097	6	258	1	1	82	6					17
			578	58	66,117	567			2						18
			123	186	14	24,379	6	68	33			97			19
						4	117,363	150	33						20+21
7						40	426	64,349	16	14			6		22+23
						89	214	27	113,594	220			262		24
				471			10		91	41,120			56		25
											23,905	3,326			26A
											1,148	95,624			26B
												7	117,036	1,182	27A
1													1,206	21,800	27B
													5,815	307	28
													655	342	29A
													1,234	553	29B
													85	6	30
													4,616	21	31
													218	12	32
6	45		1	146		56	185	73	806	179		31			33+34
	12		9		43	16	1	4		1		17			35
						4	4	39		30					36
						9	23	6	138						37
						3			2						38
															39
															40
															41
1															42
6															43
															44+45
8	8								8	6					46
	6								27	1					47
															48
															49
															50
															51
															52
															53
															54
															55
															56
															57
															58
															59A
															59B
															60
															61
															62
															63
															64
															65A
															65B
															65C
															65D
															65E
															66
															67
															68A
															68B
															68C
															69A
															69B
															70A
															70B
															71A
															71B
															72A
															72B
															73A
															73B
															73C
															73D
															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
	For the distribution of commodities produced by an industry, read the row for that industry										
	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	Ordnance 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.....				1		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	1	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).....										
59B	Truck and bus bodies, trailers, and motor vehicles parts.....	1					13	1			3
60	Aircraft and parts.....						28				2
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	18,728	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					20		15		7		13
														14
		3												15
														16
														17
	1													18
														19
														20+21
														22+23
	12		9											24
														25
														26A
														26B
														27A
														27B
														28
														29A
														29B
														30
														31
														32
														33+34
														35
														36
														37
														38
														39
														40
														41
														42
														43
														44+45
														46
														47
														48
														49
														50
														51
														52
														53
														54
														55
														56
														57
														58
														59A
														59B
														60
														61
														62
														63
														64
														65A
														65B
														65C
														65D
														65E
														66
														67
														68A
														68B
														68C
														69A
														69B
														70A
														70B
														71A
														71B
														72A
														72B
														73A
														73B
														73C
														73D
														74
														75
														76
														77A
														77B
														78
														79
														82
														84
														85
														T
86,308	13,392	76,823	55,001	82,284	26,658	55,789	15,249	40,638	32,421	40,884	37,947	99,264	37,772	

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.....			3		15					
22+23	Furniture and fixtures.....	6	20	35	19	26			9		3
24	Paper and allied products, except containers.....	1			23		325				
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	5
33+34	Footwear, leather, and leather products.....										
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	123	24			14	
39	Metal containers.....										
40	Heating, plumbing, and fabricated structural metal products.....	5	129	6		18	13		65	10	29
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	64
43	Engines and turbines.....	1,040					4		312	167	9
44+45	Farm, construction, and mining machinery.....	59	5	59			1		196	31	297
46	Materials handling machinery and equipment.....	48		1					15	1	22
47	Metalworking machinery and equipment.....	90	59	26		18	13		15	6	7
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	5
50	Miscellaneous machinery, except electrical.....	292				18	311	11	244	164	5
51	Computer and office equipment.....	113		25	425	6,441	834				
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	1
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	4	
56	Audio, video, and communication equipment.....	52	143	96	86,489	1,084	278		21	13	
57	Electronic components and accessories.....	368	4	162	449	127,066	211				
58	Miscellaneous electrical machinery and supplies.....	64	9	208	807	128	23,675				
59A	Motor vehicles (passenger cars and trucks).....							227,351	1,823		99
59B	Truck and bus bodies, trailers, and motor vehicles parts.....							3,277	128,843	188	120
60	Aircraft and parts.....	87		13	652	729	909			188	41
61	Other transportation equipment.....	2		1	51	1	11		58	124,272	41
62	Scientific and controlling instruments.....	54					18		15	48	43,376
63	Ophthalmic and photographic equipment.....	176	13	212	2,015	635	395		200	735	1
64	Miscellaneous manufacturing.....	1	1	2	65	4	121				26
65A	Railroads and related services; passenger ground transportation.....			8	14		10	8			
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		33												16
45		7												17
132														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												37
43		9									115			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										65B
				228,076								16,582		65C
					35,794									65D
						135,881								65E
						3,750								66
			772	1,881	276		39,395							67
								343,786						68
									5,576					69
										199,174				70
											98,811			71
												543		72
												207		73
												22,384		74
													812,459	75
														76
														77
														78
														79
														80
														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	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.....								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	691						
70B	Insurance.....			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	802,810	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
													73,019	26A
									66				139,219	26B
									14				134,380	27A
													23,736	27B
									65				62,959	28
									8				96,716	29A
									1				49,864	29B
													18,315	30
									26				133,536	31
									97				160,122	32
													8,266	33+34
									4				22,314	35
									20				68,172	36
													103,994	37
									6				85,937	38
													13,340	39
									28				75,945	40
									650				55,355	41
									9				79,666	42
									23				26,207	43
									32				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
													40,395	52
													39,302	53
													22,416	54
									23				27,109	55
													89,532	56
													132,387	57
													26,867	58
									3				229,740	59A
									256				137,050	59B
													126,706	60
									10				44,372	61
									5				130,687	62
													23,584	63
									3				53,079	64
									5				71,704	65A
													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
600,791	198,947	374,737	264,812	204,820	763,827	322,753	80,223	44,746	2,597	954,171	14,351	21,538	15,432,301	

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	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 composition of inputs to an industry, read the column for that industry											Industry number
01	Livestock and livestock products	11,937	9	109	855							
02	Other agricultural products	26,649	4,285		4,744					1,338	599	
03	Forestry and fishery products			439	61							
04	Agricultural, forestry, and fishery services	5,423	10,952	3,002	216					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					1,370	574	
18	Apparel						4		1			
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	8		(*)	(*)	(*)	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										
35	Glass and glass products	7			12				1	10	1,610	151
36	Stone and clay products		133		12					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	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			2,118	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	37	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	2		39	18	
80	Noncomparable imports											
81	Scrap, used and secondhand goods					130	51	1,659	32			
82	General government industry									4	2	
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	159,736	
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	

* Less than \$500,000.

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	Commodity number
13	14	15	16	17	18	19	20+21	22+23	24	25	26A	26B	27A	27B	
.....	80,802	.....	399	68	22	.....	.....	.....	11	.....	.....	.....	627	.....	01
.....	40,245	3,175	3,278	58	51	.....	.....	.....	.....	.....	.....	.....	57	.....	02
.....	3,571	.....	.....	.....	161	.....	.....	8,652	11	.....	.....	11	.....	.....	03
36	208	7	15	10	16	10	.....	46	45	67	14	41	81	.....	04
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,159	.....	05+06
2	188	24	21	14	15	3	3	13	297	23	.....	.....	173	.....	07
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,915	1,505	08
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	348	.....	.....	1,210	952	09+10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
149	2,498	126	261	241	339	100	389	306	1,558	228	423	754	1,519	221	12
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	78,643	3,508	.....	18	.....	.....	.....	95	698	.....	.....	.....	441	392	14
18	.....	.....	9,935	3,834	15,491	6,653	.....	2,843	153	.....	.....	87	.....	.....	15
.....	24	5	57	687	44	1,565	195	2,003	802	.....	4	47	1	.....	16
6	.....	.....	39	.....	12,151	878	5	5	6	.....	.....	.....	.....	.....	17
.....	74	3	.....	.....	2,427	250	7	21	3	.....	.....	.....	.....	.....	18
38	123	2	.....	2	2	39	35,867	4,845	6,692	49	18	12	.....	.....	19
.....	.....	.....	.....	.....	.....	.....	271	290	.....	.....	.....	.....	.....	.....	20+21
5	7,190	125	30	33	72	16	66	142	16,842	16,177	5,386	17,353	369	74	24
34	9,425	552	39	51	75	17	274	885	1,586	93	17	541	631	92	25
3	7	.....	2	2	.....	.....	5	4	1	.....	68	231	1	.....	26A
.....	950	233	2	1	16	20	14	10	186	4	4,627	11,207	15	112	26B
121	2,425	6	676	404	5	163	396	96	4,951	821	547	2,577	30,053	2,101	27A
20	1	.....	.....	.....	.....	.....	146	.....	30	.....	.....	.....	1,061	2,788	27B
42	176	312	7,769	5,176	807	468	475	136	3,335	167	.....	9	1,081	.....	28
.....	1,518	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29A
4	511	69	35	66	222	.....	10	38	391	.....	.....	.....	126	76	29B
.....	.....	.....	.....	.....	.....	.....	242	381	22	147	1	8	803	.....	30
25	893	44	82	50	82	34	376	174	430	259	70	136	1,845	159	31
272	10,123	290	197	203	308	453	942	2,539	4,090	188	23	1,597	1,554	199	32
.....	.....	.....	.....	.....	384	569	9	57	.....	.....	1	2	.....	.....	33+34
.....	3,548	.....	321	12	.....	.....	230	163	.....	.....	.....	.....	103	10	35
22	17	4	1	.....	.....	.....	822	168	79	.....	.....	2	213	45	36
191	.....	.....	.....	2	.....	.....	74	2,308	55	272	1	34	245	1	37
276	.....	.....	.....	.....	.....	.....	38	682	136	82	.....	43	10	.....	38
.....	9,388	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	693	89	39
.....	.....	.....	.....	.....	.....	.....	924	.....	.....	.....	.....	.....	.....	.....	40
152	578	.....	.....	.....	.....	.....	475	836	3	20	.....	.....	5	.....	41
170	1,408	50	.....	.....	6	.....	1,173	3,203	382	251	26	30	843	52	42
13	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	43
.....	.....	.....	.....	.....	.....	.....	23	.....	.....	.....	.....	.....	.....	.....	44+45
31	62	14	18	6	2	11	73	53	75	34	5	41	60	1	46
101	83	.....	47	192	181	28	77	42	410	213	33	632	312	.....	47
116	200	1	.....	.....	5	.....	100	92	29	.....	.....	.....	6	10	48
124	215	6	79	25	21	26	168	124	256	76	21	113	456	11	49
.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	33	52	.....	.....	50
.....	54	7	.....	.....	1	.....	165	3	10	.....	2	1	46	.....	51
213	108	16	2	.....	.....	.....	5	12	25	.....	.....	1	135	1	52
.....	.....	.....	.....	.....	.....	.....	202	.....	.....	.....	.....	.....	.....	.....	53
14	107	18	2	.....	.....	.....	255	10	26	.....	3	3	7	2	54
597	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	4	.....	.....	55
1,074	.....	.....	(*)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56
9	28	1	2	3	.....	.....	14	2	8	2	18	12	3	.....	57
1	244	2	7	4	12	.....	462	25	21	11	46	40	16	5	58
2,234	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	59A
.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	59B
1,049	7	2	.....	.....	2	1	11	9	17	6	19	111	178	6	60
3	7	1	2	1	2	628	3	73	8	2	105	553	17	1	61
.....	36	7	.....	.....	.....	.....	73	15	6	1	20	24	3	.....	62
25	3,014	51	196	126	86	28	817	186	1,194	448	190	506	1,242	284	63
119	9,489	244	577	454	761	322	3,264	915	3,831	1,736	646	2,266	3,492	1,370	64
.....	392	2	8	15	3	3	64	11	82	9	1	16	161	38	65A
137	1,915	139	150	82	338	114	328	255	455	198	238	535	484	70	65B
1	18	2	1	1	3	(*)	6	2	8	5	4	5	176	3	65C
75	771	79	65	65	153	61	206	221	290	119	426	530	307	53	65D
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	65E
143	3,244	80	973	256	558	163	996	416	2,263	305	248	779	2,600	280	66
27	1,881	17	194	115	218	79	175	134	1,190	89	56	247	2,341	655	67A
16	682	6	57	47	34	27	147	56	622	37	19	85	1,065	131	67B
505	30,005	789	2,185	997	3,202	1,306	7,955	4,259	5,639	2,156	1,499	4,467	7,005	1,229	68C
4	918	131	33	8	15	9	82	106	179	12	42	50	84	17	69A
156	3,474	326	260	157	494	183	706	488	828	264	483	897	1,044	203	69B
34	935	77	67	37	109	42	181	117	205	65	120	216	245	41	70A
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70B
195	2,114	215	156	111	900	387	784	671	491	197	2,888	4,124	1,197	131	71A
65	1,267	139	114	67	209	74	285	182	335	112	184	371	393	69	71B
19	588	46	276	94	105	13	144	47	528	69	51	146	318	62	72A
215	984	94	124	81	106	35	231	115	541	117	439	494	538	119	72B
97	1,432	412	139	88	192	100	339	526	264	77	871	540	3,424	301	73A
451	6,711	455	663	320	5,328	322	1,518	1,295	2,019	598	3,522	2,716	2,622	589	73B
88	12,827	3,721	135	217	799	117	401	665	743	64	1,762	1,357	890	347	73C
64	1,192	128	123	66	228	82	304	204	321	106	169	352	373	61	74
46	2,100	147	210	109	164	54	435	166	795	186	262	617	751	151	75
9	380	79	7	5	51	4	41	14	60	16	70	82	74	7	76
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77A
16	308	30	23	13	47	148	194	74	76	24	44	142	91	15	77B
4	196	62	23	24	62	35	59	84	64	21	483	304	80	5	78
4	547	23	21	12	18	3	38	39	242	9	11	34	161	13	79
11	1,033	31	59	20	50	3	15	53	172	21	140	340	1,615	51	80
.....	.....	.....	.....	43	.....	.....	.....	9	787	.....	.....	.....	.....	7	81
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	82
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	83
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	84
9,691	344,117	16,133	30,152	14,789	47,785	15,022	73,469	34,001	68,066	26,195	26,428	58,531	82,884	15,282	I
13,208	149,573	30,070	18,016	7,198	19,818	10,479	44,774	31,888	51,302	15,922	46,591	80,689	51,496	8,454	VA
22,899	493,690	46,203	48,168	21,987	67,603	25,501	118,243	65,889	119,369	42,118	73,019	139,219	134,380	23,736	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	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
	For the composition of inputs to an industry, read the column for that industry										
	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	26			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					309	318	182
22+23	Furniture and fixtures					5	286				
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	1	1	6	93
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	1	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	197	508	524	191
33+34	Footwear, leather, and leather products					1		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						44				49
44+45	Farm, construction, and mining machinery						5				38
46	Materials handling machinery and equipment										
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										
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	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	468	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

* Less than \$500,000.

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	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 composition of inputs to an industry, read the column for that industry										
	Industry number	53	54	55	56	57	58	59A	59B	60	61
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										
14	Food and kindred products										4
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	1	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		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	1	560	3	3	2		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	138
58	Miscellaneous electrical machinery and supplies	11	1	2	288		608	3,378	2,727	32	1
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	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	48	27	67	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)	45	16	21	80	313	39	191	273	173	25
73A	Computer and data processing services, including own-account software	93	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	243
73C	Other business and professional services, except medical	670	290	411	1,635	3,639	638	2,079	2,103	2,088	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										
82	General government industry						66		21		
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.

by Industries, 1998—Continued
at producers' prices]

Scientific and controlling instruments	Ophthalmic and photographic equipment	Miscellane- ous manu- facturing	Railroads and related services; passenger ground trans- portation	Motor freight transporta- tion and warehousing	Water transportation	Air transportation	Pipelines, freight forwarders, and related services	Communica- tions, except radio and TV	Radio and TV broadcasting	Electric services (utilities)	Gas produc- tion and distribution (utilities)	Water and sanitary services	Wholesale trade	Commodity number
62	63	64	65A	65B	65C	65D	65E	66	67	68A	68B	68C	69A	
		5												01
		41		1	3	1		2		1	1		113	02
		28			4									03
86	12	13	2	4				100	8	26			612	04
14		11												05+06
30	14	2			6					13,108			10	07
		6					127			7	39,105		5	08
													9	09+10
901	182	236	4,037	1,310	47	273	1,318	13,224	379	15,625	9,024	2,132	4,398	12
20		78			82	255	5						689	13
417		511				1								14
710	1	25		14	2			2						15
23		241	37	5	79	11		149		3			436	16
1		14		13	79	7	95	8					305	17
95		689		63	11	4	252	48		2	12	4	201	18
48		40											3,408	19
425	661	255	27	79		43	24	325	15	71	19	11	3,353	20+21
615	235	837	6	159		4	105	166	7	19	5	3	5,191	22+23
16	6	11	14	78		24	33	212	12	12	2	4	430	24
44	2	31	223	418	28	168	270	1,250	10	84	12	4	7,866	25
190	488	500	134	126	13	98	10	20	18	325	2	479	408	26A
													417	26B
619	293	1,128			8								7	27A
													84	27B
33	11	36		2		5		37		3			648	28
101		322		126	64	3		152			3	2	30	29A
106	27	130	2,021	4,956	289	7,490	144	266	27	1,350	208	323	2,768	29B
2,895	560	1,644	350	2,722	122	40	180	790	6	196	10	217	3,986	30
		51	1	2		1	1	2		1	1		8	31
452	139	16	82	6	8			41		(*)		19	207	32
253	12	152	3	11	2	1	11			8		60	187	33+34
1,140	39	997	451			3					2		127	35
1,814	122	2,084	1	5	48			26		122		1	204	36
16										1			669	37
1,029	10	147			11								157	38
2,055	241	209	12		3	71		551		55			3	39
2,326	63	768	396	737	309	102	126	487	3	43	10	87	948	40
		3	250	80	442		34	404		292			36	41
				7									39	42
				4									940	43
194	37	129	105	53	133	41		10	2	117	24	4	337	44+45
				4									109	46
94	4	23	453	61	385		144	715		73	2	2	71	47
546	100	366	133	89	131	6	61	33	7	234	6	18	1,137	48
1,419	7	16		7		5	24	708	30	15	92		804	49
3	1	3	11	11		3	6	6		1		8	242	50
1,492	103	193	362	262	12	25	38	744	40	235	1		141	51
				4										52
363	6	16	28	60	3	8		177		143		27	262	53
1,515		5		5			9	6,366	47				177	54
11,043	548	212	26			183		5,926	152				7,272	55
46	3	17	105	198	30	48	95	308	9	112	22	34	529	56
														57
9	5	6	533	1,062	1	20	46	62	4	15	9	1,323	1,547	58
						9,415								59A
			1,660	20	689		3							59B
3,820	134	9	8	30	3	13		44	(*)	138		538	84	60
20	628		59	5	5	16	28	100	20	5	6	4	386	61
10		2,889	14	44	59	32	31	173	5	30	6	5	674	62
146	70	109	2,986	445	16	161	45	339	29	5,315	45	34	928	63
614	162	585	539	45,178	95	316	283	485	61	773	51	119	3,588	64
9	7	11	19	1,107	7,534	54	65	32	(*)	572	19	4	71	65A
525	82	171	308	2,342	72	8,401	396	1,307	103	533	381	66	4,899	65B
5	1	1	541	7,303	1,800	12,322	1,099	19	1	27	545	5	479	65C
684	129	172	532	2,791	48	1,477	1,393	51,299	823	368	59	497	17,969	65D
								233	1,268					65E
755	117	273	95	1,281	131	289	468	1,153	196	22	129	109	6,029	66
101	51	106	1	145	9	17	5	163	6	5,524	20,251	464	1,614	67
81	23	36	143	2,876	32	167	43	422	59	243	19	1,394	1,445	68A
5,546	1,241	4,029	1,488	4,562	376	1,504	320	3,330	93	869	462	73	24,637	68B
78	20	71	246	923	12	51	34	117	11	44	26	138	2,138	68C
1,062	211	348	869	1,976	1,112	2,285	1,009	3,913	344	3,380	874	155	9,618	69A
200	40	88	340	1,912	60	279	357	720	266	522	133	320	2,314	69B
														70A
1,285	135	552	811	4,964	934	1,798	962	6,594	1,282	1,747	294	73	26,976	70B
372	69	125	170	836	50	363	133	1,110	97	458	129	48	3,258	71A
92	15	39	61	143	34	366	110	2,622	133	103	3	73	2,125	71B
561	82	78	1,264	584	206	2,973	4,730	5,168	583	2,378	371	57	10,131	72A
1,489	64	295	543	1,343	775	1,288	2,514	12,913	558	1,966	2,301	811	11,760	72B
3,439	653	909	1,803	6,663	3,978	2,381	1,857	9,317	1,359	2,999	806	361	53,396	73A
1,891	362	1,720	286	4,683	1,315	1,728	1,243	6,083	1,110	155	22	1	23,215	73B
399	73	153	222	754	47	2,288	126	1,003	87	510	125	47	2,996	73C
309	59	133	986	12,301	17	186	255	2,304	206	241	150	46	7,473	73D
79	18	24	37	207	19	123	35	5,237	19,822	128	63	9	1,499	74
				83										75
240	84	182	114	111	173	88	424	446	106	993	50	12	1,825	76
129	18	112	70	330	12	96	184	1,209	45	518	105	38	5,533	77A
25	4	12	136	315		40	12	132	20	31	9		594	77B
419	276	124	271	1,041	2,685	9,122	405	8,276		48	89	4	7,560	78
		1		4									1	79
														80
														81
														82
														83
														84
														85
57,580	8,760	25,599	26,364	115,890	24,704	68,738	21,725	159,584	29,474	62,969	76,091	10,862	286,776	I
73,107	14,824	27,480	45,340	128,769	11,090	67,144	24,349	189,245	15,590	136,749	22,927	12,706	525,684	VA
130,687	23,584	53,079	71,704	244,658	35,794	135,881	46,074	348,829	45,064	199,717	99,018	23,568	812,459	T

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	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
	For the composition of inputs to an industry, read the column for that industry	69B	70A	70B	71A	71B	72A	72B	73A	73B	73C	73D
	Industry number											
01	Livestock and livestock products										88	
02	Other agricultural products	3	5	2		31	6		5	8	4	
03	Forestry and fishery products											
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	Ordinance 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	1,884	2
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
78	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	1		1		1		1			1	
82	General government industry											
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

* Less than \$500,000.

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						88,898	02
3,497		16	64		22					17,699	03
321	114	436	1,749	632	26					43,894	04
					7	512				8,603	05+06
5	2	1	6	3	979	1,158				20,526	07
						860				131,408	08
				3		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
235	66		7	3						7,042	48
285	34		7							23,807	49
40	389	41	151	118	184	1,030				33,645	50
26	17	60	1,881	82	5					46,465	51
38	1,039	141	110	54	51	504				22,665	52
5	635	4	130	31		806				31,743	53
22			38	32		16				4,474	54
114	816	175	927	309	45	130				25,982	55
18	34	12	48	80		29				23,314	56
	333	1	283	200		40				139,150	57
51	1,077	665	264	289	36	148				18,281	58
	103									2,477	59A
454	25,112	140	503	421	1,816	371				119,401	59B
	2									33,433	60
		6		13	14	139				4,739	61
11	216	58	14,264	530	2	32				38,546	62
16	47	64	1,174	388	17	10				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	8,676	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
											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		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	209,641	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	Personal consumption expenditures	Gross private fixed investment	Change in business inventories	Exports of goods and services	Imports of goods and services
	For the composition of inputs to an industry, read the column for that industry					
	Industry number	91	92	93	94	95
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	9,667	713	-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	-7,785
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	-10,756
64	Miscellaneous manufacturing	53,099	7,805	1,524	6,033	-36,292
65A	Railroads and related services; passenger ground transportation	26,601	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	631,659				
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	838,616			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				
81	Scrap, used and secondhand goods	35,726	-48,174	1,871	6,057	-127,801
82	General government industry					-5,748
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		131,696	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		1	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	3		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	242		41		143	143		2,593	55,001	41
645	148	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		225		308	308		-2,016	137,134	57
1,408	339	729	195	145	600	306	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	59B
27,528	19,767	6,001	965	795	98			98	95,943	60
8,099	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	244	405	68	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	50,585	64
673	375	8	286	4	5,889	5,809	80	39,583	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	1,546		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		100,570	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		2,661	-3,661		327,559	374,737	74
353	283		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	1,238		-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
-809			-809							83
										84
										85
										VA
										T
539,211	299,722	49,404	153,375	36,710	999,283	808,280	191,003	8,781,523	15,432,301	

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.¹ This note previews the changes to the I-O industry classification system that result from the conversion to NAICS (see table 1).²

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>.

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.³ 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.⁴ 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.⁵

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.⁶ 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.⁷

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

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

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

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

3. See table 2, footnote 2.

4. See table 2, footnote 3.

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

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

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. Receipts include \$3,195 million for the rights to distribute, use, and reproduce computer software.

2. Payments include \$498 million for the rights to distribute, use, and reproduce computer software.

3. See table 2, footnote 2.

4. See table 2, footnote 3.

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

	Receipts											Payments												
	Total	Affiliated			Unaffiliated								Total	Affiliated			Unaffiliated							
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Industrial processes	Books, records, and tapes	Broadcasting and recording of live events	Franchise fees	Trade-marks	Other ¹	Total		By U.S. parents to their foreign affiliates	By U.S. affiliates to their foreign parents	Total	Industrial processes	Books, records, and tapes	Broadcasting and recording of live events	Franchise fees	Trade-marks	Other ²		
All countries	36,420	25,905	24,265	1,640	10,515	3,987	395	244	527	1,116	4,245	12,613	9,791	1,956	7,835	2,822	1,699	190	101	7	223	605		
Canada	1,685	1,298	1,258	40	387	118	28	13	48	48	133	534	(D)	(D)	258	(D)	136	26	(D)	(*)	5	10		
Europe	18,877	14,771	13,792	978	4,107	1,442	221	159	219	330	1,734	7,147	5,554	826	4,728	1,593	812	138	67	6	103	467		
Belgium-Luxembourg.....	753	(D)	(D)	5	(D)	105	3	3	2	2	(D)	225	(D)	20	(D)	31	1	1	(*)	0	1	(D)		
France.....	2,073	1,598	1,574	24	475	204	28	39	12	23	168	890	426	29	397	464	(D)	6	(D)	0	5	(D)		
Germany.....	3,078	2,077	1,881	196	1,000	317	47	21	92	23	500	1,258	1,045	22	1,023	213	149	4	1	0	19	41		
Italy.....	929	658	644	14	270	84	21	13	12	28	113	85	67	20	47	18	6	2	(*)	0	5	4		
Netherlands.....	1,714	1,572	1,505	68	142	45	10	7	4	9	66	768	(D)	(D)	301	(D)	40	3	(*)	0	9	(D)		
Norway.....	114	76	73	3	38	2	3	5	2	23	26	15	1	13	11	9	2	0	0	(*)	(*)	(*)		
Spain.....	581	413	413	1	167	18	18	15	10	55	52	24	(D)	16	(D)	(D)	1	4	(*)	(*)	1	(D)		
Sweden.....	414	206	201	6	208	133	5	6	5	5	54	204	98	6	92	105	98	4	(*)	(*)	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	41	(D)		
Latin America and Other Western Hemisphere	2,695	(D)	2,011	(D)	(D)	97	33	17	56	132	(D)	972	(D)	(D)	(D)	(D)	29	5	3	0	6	(D)		
South and Central America.....	2,025	(D)	1,418	(D)	(D)	70	31	16	37	125	(D)	108	(D)	15	(D)	3	(D)	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	(*)	(*)		
Brazil.....	557	(D)	339	(D)	(D)	10	12	5	2	44	(D)	3	1	0	2	(*)	(*)	0	0	0	1	1		
Chile.....	54	30	28	2	24	4	1	(*)	3	10	6	4	(*)	(*)	0	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	0	0	0	(D)		
Venezuela.....	148	110	107	3	39	7	3	1	3	10	15	7	5	1	4	2	1	1	(*)	(*)	1	(*)		
Other.....	242	(D)	160	(D)	(D)	6	2	1	16	21	(D)	(D)	(D)	7	(D)	1	(*)	0	0	0	1	(*)		
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)	(D)	1	0	0	0	0		
Other.....	553	(D)	501	(D)	(D)	5	2	1	19	6	(D)	45	(D)	22	(D)	(D)	(D)	1	(*)	0	4	0		
Africa	388	(D)	225	(D)	(D)	19	5	2	10	31	(D)	5	(D)	2	(D)	(D)	(*)	(*)	0	0	(*)	(D)		
South Africa.....	265	(D)	152	(D)	(D)	16	5	2	4	(D)	43	5	(D)	2	(D)	(D)	(*)	(*)	0	0	(*)	(D)		
Other.....	123	77	74	3	46	3	1	0	6	(D)	(D)	1	1	(*)	(*)	(*)	0	0	0	0	(*)	0		
Middle East	200	39	35	4	162	50	9	1	38	15	48	21	1	(*)	(*)	21	14	(*)	0	(*)	(*)	6		
Israel.....	100	25	25	(*)	75	16	5	1	8	9	35	20	(*)	0	(*)	19	14	0	0	0	0	5		
Saudi Arabia.....	51	6	6	(*)	45	20	3	(*)	11	3	8	8	(*)	(*)	0	(*)	0	0	0	0	0	(*)		
Other.....	49	8	4	4	41	14	1	(*)	19	3	5	1	(*)	(*)	0	1	0	0	0	0	0	1		
Asia and Pacific	10,643	6,056	5,729	327	4,587	2,250	79	48	138	532	1,539	3,486	2,680	142	2,538	807	699	13	(D)	(*)	41	(D)		
Australia.....	731	547	530	17	184	32	12	6	11	18	104	80	24	4	20	56	20	9	(D)	0	(*)	(D)		
China.....	319	219	218	1	99	33	2	2	5	10	49	87	(D)	4	(D)	(D)	(D)	0	0	0	(*)	(*)		
Hong Kong.....	198	136	131	5	62	12	4	1	13	11	22	20	14	13	1	5	1	2	(*)	0	(*)	3		
India.....	69	24	23	1	46	17	1	(D)	4	1	(D)	1	(*)	(*)	0	1	1	0	0	0	0	0		
Indonesia.....	53	23	23	0	30	21	(*)	(*)	5	1	2	2	2	2	(*)	0	0	0	0	0	0	0		
Japan.....	5,994	3,402	3,185	217	2,592	1,188	47	13	33	448	863	3,125	2,515	82	2,433	610	552	1	(*)	0	39	18		
Korea.....	1,136	(D)	168	(D)	(D)	681	4	(D)	14	8	185	92	(D)	16	(D)	(D)	(D)	0	0	0	0	1		
Malaysia.....	94	54	54	(*)	40	12	1	(*)	10	2	14	(*)	0	0	0	0	0	0	0	0	0	(*)		
New Zealand.....	71	46	46	(*)	25	3	1	5	3	3	10	3	(*)	(*)	3	(*)	1	1	0	0	0	2		
Philippines.....	97	66	65	1	31	7	2	1	7	11	4	9	8	0	0	1	1	0	(*)	(*)	0	(*)		
Singapore.....	1,151	1,065	1,062	3	86	38	1	4	5	2	36	16	8	7	1	8	14	0	0	0	0	1		
Taiwan.....	611	166	161	5	444	188	3	1	15	8	229	46	31	1	29	16	7	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	(*)		
Other.....	21	(D)	7	(D)	(D)	3	(*)	(*)	4	4	(D)	1	0	0	0	1	0	0	(*)	(*)	0	0		
International organizations and unallocated	1,930	1,297	1,214	83	633	11	20	4	17	28	553	448	279	56	223	169	9	8	(*)	(*)	69	83		
Addenda:																								
European Union ³	17,492	13,748	12,894	854	3,744	1,307	204	149	196	299	1,589	5,861	4,500	733	3,766	1,362	624	128	50	6	99	455		
Eastern Europe ⁴	276	152	144	8	124	34	6	3	(D)	4	(D)	21	16	4	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											
	Total	Affiliated			Unaffiliated							Total	Affiliated			Unaffiliated						
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Industrial processes	Books, records, and tapes	Broadcasting and recording of live events	Franchise fees	Trade-marks	Other ¹		Total	By U.S. parents to their foreign affiliates	By U.S. affiliates to their foreign parents	Total	Industrial processes	Books, records, and tapes	Broadcasting and recording of live events	Franchise fees	Trade-marks	Other ²
All countries	38,030	26,621	24,444	2,177	11,409	4,421	384	298	564	1,237	4,505	16,106	12,170	2,184	9,986	3,936	1,852	200	657	3	418	807
Canada	2,102	1,544	1,498	46	558	166	39	23	64	61	205	986	741	271	470	245	110	23	15	0	9	88
Europe	18,451	14,475	13,096	1,378	3,976	1,407	198	158	196	335	1,683	8,584	6,767	871	5,897	1,817	963	141	(D)	2	(D)	528
Belgium-Luxembourg.....	720	541	537	4	178	136	3	3	4	4	28	213	179	13	166	34	29	1	(*)	(*)	(*)	4
France.....	1,997	1,498	1,433	65	499	168	27	35	12	32	225	1,022	493	30	463	529	144	6	(D)	(*)	3	(D)
Germany.....	2,951	1,956	1,762	194	995	345	39	20	30	16	545	1,650	1,349	21	1,329	301	207	4	1	(*)	30	59
Italy.....	908	618	607	11	290	104	17	12	12	46	99	83	46	16	31	37	12	1	1	0	(D)	(D)
Netherlands.....	1,433	1,295	1,218	78	138	42	9	5	5	11	65	1,027	961	416	545	65	39	1	(*)	0	(D)	(D)
Norway.....	141	(D)	68	(D)	(D)	1	1	4	5	3	(D)	32	(D)	1	(D)	5	5	(*)	0	(*)	(*)	(D)
Spain.....	504	342	341	1	162	18	15	14	14	54	47	21	16	13	3	5	(*)	2	1	(*)	1	1
Sweden.....	425	(D)	178	(D)	(D)	77	4	5	5	11	(D)	398	272	4	267	127	113	5	(*)	(*)	0	6
Switzerland.....	1,346	1,165	730	435	181	128	7	3	3	5	35	1,589	1,428	71	1,357	161	130	3	(D)	0	7	(D)
United Kingdom.....	3,272	2,491	2,154	337	781	149	48	40	63	49	432	1,422	1,044	99	945	378	159	115	33	(*)	23	46
Other.....	4,752	4,203	4,069	134	550	237	26	18	44	103	122	1,127	(D)	186	(D)	124	3	3	(D)	2	12	24
Latin America and Other Western Hemisphere	2,995	2,454	2,264	191	540	95	30	30	73	148	164	1,115	(D)	(D)	103	(D)	102	7	4	(*)	3	(D)
South and Central America.....	2,307	(D)	1,686	(D)	(D)	72	28	29	55	142	(D)	195	89	23	65	106	89	5	4	(*)	2	(D)
Argentina.....	241	187	183	4	54	7	5	4	4	20	14	24	(D)	2	(D)	(*)	(*)	1	1	(*)	(*)	(D)
Brazil.....	670	(D)	442	(D)	(D)	12	10	6	2	48	(D)	5	3	3	(*)	2	(*)	(*)	0	0	(*)	1
Chile.....	51	27	27	0	24	3	1	(*)	4	11	4	(D)	3	1	2	(D)	(D)	0	0	(*)	(*)	0
Mexico.....	949	777	767	10	172	39	8	16	25	28	56	66	(D)	6	(D)	8	3	3	4	(*)	4	(D)
Venezuela.....	180	(D)	108	(D)	(D)	5	1	2	4	13	(D)	9	3	2	1	6	4	1	(*)	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
Bermuda.....	64	(D)	(D)	0	(D)	(D)	(*)	0	(*)	1	(*)	839	(D)	(D)	2	1	0	0	0	(*)	0	0
Other.....	623	(D)	(D)	(D)	(D)	(D)	2	1	19	5	(D)	82	(D)	(D)	35	(D)	12	2	0	(*)	1	(D)
Africa	376	(D)	189	(D)	(D)	14	5	2	13	47	(D)	4	4	3	1	(*)	(*)	(*)	0	0	(*)	(*)
South Africa.....	218	(D)	118	(D)	(D)	8	4	2	5	(D)	(D)	40	1	1	(*)	(*)	(*)	(*)	0	0	(*)	(*)
Other.....	158	79	71	8	78	5	1	(*)	8	(D)	(D)	3	3	2	1	(*)	0	0	0	0	(*)	0
Middle East	232	(D)	48	(D)	(D)	57	10	4	48	19	(D)	23	2	1	22	16	(*)	(*)	0	0	(*)	(*)
Israel.....	112	36	35	(*)	76	13	4	4	11	13	31	21	1	1	21	16	(*)	(*)	0	0	(*)	3
Saudi Arabia.....	67	9	8	(*)	58	32	5	(*)	13	3	5	1	1	1	0	0	(*)	(*)	0	0	(*)	1
Other.....	54	(D)	4	(D)	(D)	12	2	0	25	3	(D)	1	0	0	1	0	0	0	0	0	0	0
Asia and Pacific	11,891	6,535	6,128	407	5,356	2,675	88	79	160	603	1,752	4,319	(D)	(D)	3,228	(D)	655	21	(D)	(*)	231	(D)
Australia.....	720	555	542	13	164	27	13	8	15	22	81	73	(D)	(D)	33	(D)	23	(D)	2	(*)	(*)	6
China.....	394	266	266	(*)	128	30	3	4	3	13	76	103	1	1	(*)	102	100	0	1	(*)	2	(*)
Hong Kong.....	238	172	169	3	66	12	5	1	14	14	19	22	17	9	8	5	2	1	1	(*)	(*)	2
India.....	70	22	20	3	48	22	1	8	3	1	13	1	(*)	(*)	0	(*)	(*)	0	0	(*)	(*)	(*)
Indonesia.....	47	21	21	0	26	15	1	1	6	1	2	1	1	1	0	0	0	0	0	0	0	0
Japan.....	6,992	3,780	3,438	343	3,212	1,533	43	30	43	504	1,059	3,976	3,246	99	3,147	730	484	1	8	0	0	218
Korea.....	1,282	(D)	220	(D)	(D)	762	6	5	20	11	(D)	(D)	(D)	8	(D)	27	1	1	(*)	(*)	(D)	(D)
Malaysia.....	135	97	97	1	38	10	1	(*)	11	2	13	7	1	1	6	0	0	0	0	0	0	6
New Zealand.....	70	50	50	0	20	3	1	5	3	3	4	1	(*)	(*)	1	1	1	1	1	(*)	(*)	(*)
Philippines.....	87	57	57	0	30	5	1	1	7	13	3	5	4	4	4	1	1	1	(*)	(*)	(*)	(*)
Singapore.....	1,045	976	974	2	69	21	1	5	5	2	35	17	8	3	5	10	8	(*)	(*)	(*)	(*)	
Taiwan.....	670	(D)	192	(D)	(D)	214	6	5	17	10	(D)	42	(D)	3	(D)	10	0	0	(D)	0	0	(D)
Thailand.....	125	76	76	0	49	17	6	6	8	7	4	(D)	5	(*)	5	0	0	(D)	0	0	0	(*)
Other.....	15	6	6	0	9	3	0	(*)	4	1	2	1	(*)	0	(*)	1	(*)	0	0	(*)	(*)	0
International organizations and unallocated	1,983	1,330	1,222	108	653	8	14	2	10	24	595	1,074	346	61	285	728	6	8	(D)	(*)	(D)	98
Addenda:																						
European Union ³	16,584	12,971	12,050	922	3,613	1,262	178	144	166	306	1,556	6,807	5,236	789	4,447	1,571	754	138	60	2	93	525
Eastern Europe ⁴	249	170	162	8	79	11	7	4	8	7	41	82	76	9	67	6	1	1	0	1	3	1

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

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

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

3. See table 2, footnote 2.

4. See table 2, footnote 3.

SUBJECT GUIDE

VOLUME 81 (2001)

This guide lists the major items that were published in the SURVEY OF CURRENT BUSINESS in the January–December 2001 issues. It gives the month of the issue and the beginning page number, and it includes selected boxes that are cited by title and page number.

General

- BEA's Preliminary Strategic Plan for 2001–2005 {December, 23}
- Customer Service Report for Fiscal Year 2001 {September, 22}
- Measuring the New Economy {March, 23}
- The North American Industry Classification System in BEA's Economic Accounts {May, 7}
- The North American Product Classification System [box, 7]
- NAICS Implementation in BEA's Estimates of International Investment [box, 13]
- Ruggles and Ruggles—A National Income Accounting Partnership {April, 14}
- Schedule of BEA News Releases in 2002 {October, 116 and December, 80}

National

Federal budget estimates

- For Fiscal Year 2002 {May, 14}
- Relation Between Budget and NIPA Estimates [box, 17]

Federal personal income tax liabilities and payments

- Estimates for 1959–99 {December, 22}

Fixed assets and consumer durable goods

- 1925–2000 {September, 27}

Gross domestic product by industry

- 1998–2000 {November, 17}
- Using the GDP-by-Industry Accounts Estimates [box, 22]

Input-output accounts

- Annual Accounts for 1997 {January, 9}
- Annual Accounts for 1998 {December, 41}
- Upcoming Changes in the NAICS-Based 1997 Benchmark Input-Output Accounts {December, 71}

Inventories, sales, and inventory-sales ratios for manufacturing and trade

- Third Quarter 2000 {January, 6}
- Fourth Quarter 2000 {April, 12}
- Implementing the North American Industry Classification System [box, 12]
- First Quarter 2001 {June, 20}

- Fourth Quarter 1997 to Second Quarter 2001 {October, 7}

Motor vehicles

- In 2000 {February, 7}

National income and product accounts (NIPA's)

Annual Revision

- Annual Estimates, 1998–2000, and Quarterly Estimates, 1998:I–2001:I {August, 7}
- Tables {August, 34}
- Gross Domestic Product and Other Major NIPA Series, 1929–2001:I {August, 121}
- Newly Available Tables {September, 24 and October, 10}

Business Situation

Advance Estimates

- Fourth Quarter 2000 {February, 1}
- First Quarter 2001 {May, 1}
- Second Quarter 2001 {August, 1}
- Third Quarter 2001 {November, 1}
- The Terrorist Attacks of September 11th as Reflected in the NIPA's [box, 2]

Preliminary Estimates

- Fourth Quarter 2000 {March, 1}
- First Quarter 2001 {June, 1}
- Second Quarter 2001 {September, 1}
- Third Quarter 2001 {December, 1}

Final Estimates

- Third Quarter 2000 {January, 1}
- Fourth Quarter 2000 {April, 1}
- First Quarter 2001 {July, 1}
- Second Quarter 2001 {October, 1}

- Comparing NIPA Profits with S&P 500 Profits {April, 16}

- Comparison of BEA Estimates of Personal Income and IRS Estimates of Adjusted Gross Income, 1998–99 {November, 9}

- Gross Domestic Product and Other Major NIPA Series, 1929–2001:1 {August, 34}

- Index to the NIPA Tables {October, 42}

- Note on Profitability of Domestic Nonfinancial Corporations, 1960–2000 {September, 19}
- Alternative Measures of Rates of Return [box, 20]

Trends in Consumer Spending, 1959–2000 {March, 15}
 Personal Consumption Expenditures: Definition and Coverage [box, 16]
 An Upcoming Change in the NIPA Presentation of Private Inventories by Industry {June, 22}
 Updated NIPA Tables {December, 18}
 Updated Summary NIPA Methodologies {October, 18}

International

Direct investment positions: Country and industry detail

For 2000 {July, 16}

Foreign direct investment in the United States

Detail for Historical-Cost Position and Related Capital and Income Flows, 2000 {September, 40}
 Errata {October, 98}
 New Investment in 2000 {June, 27}
 Operations in 1999 {August, 141}

International investment position of the United States

Yearend 2000 {July, 7}

U.S. direct investment abroad

Detail for Historical-Cost Position and Related Capital and Income Flows, 2000 {September, 80}

U.S. international services

Cross-Border Trade
 In Services, 1986–2000 {October, 94}
 In 2000 and Sales Through Affiliates in 1999 {November, 49}
 Delivery of Computer Services to Foreign Markets [box, 57]
 Changes in the Definition and Classification by Industry of Sales of Services by Foreign Affiliates [box, 58]
 Errata {December, 74}

U.S. international transactions

An Ownership-Based Framework of the U.S. Current Account, 1982–98 {January, 44}
 Quarterly Estimates
 Third Quarter 2000 {January, 47}
 Fourth Quarter and Year 2000 {April, 21}
 First Quarter 2001 {July, 37}
 Second Quarter 2001 {October, 65}
 Reconciliation of the U.S.-Canadian Current Account, 1999 and 2000 {November, 34}
 Revised Estimates for 1989–2000 {July, 30}

Regional

Gross state product by industry

Estimates for 1992–99 {August, 159}

Local area personal income

Estimates for 1997–99 {May, 50}
 Alternative Measures of County Employment and Wages [box, 54]

State personal income

Annual Revision
 Estimates for 1998–2000 {October, 99}
 Availability of State Per Capita Personal Income Estimates [box, 79]
 Revised Per Capita Estimates for 1991–2000 {November, 116}
 Convergence in State Per Capita Personal Income, 1950–99 {June, 36}
 Personal Income and Per Capita Income by State, 2000 {May, 24}
 Quarterly Estimates
 Third Quarter 2000 {February, 14}
 First Quarter 2001 {August, 173}
 Second Quarter 2001 {November, 97}

Schedule of BEA News Releases in 2002

January	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.
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.
International Investment Position of the United States, 2001	June 28	10:00 a.m.	
July	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.
	Gross Domestic Product, 2nd quarter 2002 (advance)	July 31	8:30 a.m.
August	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.
	Personal Income and Outlays, July 2002	Aug. 30	8:30 a.m.
September	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.
Personal Income and Outlays, August 2002	Sept. 30	8:30 a.m.	
October	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.
	Gross Domestic Product, 3rd quarter 2002 (advance)	Oct. 31	8:30 a.m.
November	Personal Income and Outlays, September 2002	Nov. 1	8:30 a.m.
	U.S. International Trade in Goods and Services, September 2002*	Nov. 19	8:30 a.m.
	Gross Domestic Product, 3rd quarter 2002 (preliminary) and Corporate Profits, 3rd quarter 2002 (preliminary)	Nov. 26	8:30 a.m.
Personal Income and Outlays, October 2002	Nov. 27	8:30 a.m.	
December	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 subscription.

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

National Data

A. Selected NIPA tables [A, Q]

S. Summary tables.....	D-2
1. National product and income	D-3
2. Personal income and outlays	D-7
3. Government current receipts and expenditures...	D-8
4. Foreign transactions.....	D-12
5. Saving and investment	D-14
6. Income and employment by industry.....	D-17
7. Quantity and price indexes.....	D-18
8. Supplemental tables	D-25

B. Other NIPA and NIPA-related tables

B.1 Personal income [A, M]	D-30
B.2 Disposition of personal income [A, M]	D-30
B.3 Gross domestic product by industry [A].....	D-31
B.4 Personal consumption expenditures by type [A]	D-32
B.5 Private fixed investment in structures by type [A].....	D-33
B.6 Private fixed investment in equipment and software by type [A].....	D-33
B.7 Consumption and wage and salary accruals by industry [A].....	D-34
B.8 Employment by industry [A].....	D-35
B.9 Wage and salary accruals by employee and by industry [A].....	D-36
B.10 Farm sector output, gross product, and national income [A].....	D-37
B.11 Housing sector output, gross product, and national income [A].....	D-37
B.12 Net stock of private fixed assets by type [A]	D-38

C. Historical measures

C.1 GDP and other major NIPA aggregates	D-39
---	------

D. Domestic perspectives [A, Q, M].....

E. Charts

Selected NIPA series.....	D-44
Other indicators of the domestic economy	D-50

International Data

F. Transactions tables

F.1 U.S. international transactions in goods and services [A, M]	D-52
F.2 U.S. international transactions [A, Q].....	D-53
F.3 U.S. international transactions by area [Q].....	D-54
F.4 Private services transactions [A].....	D-57

G. Investment tables [A]

G.1 U.S. international investment position	D-58
G.2 USDIA: Selected items	D-59
G.3 Selected financial and operating data of foreign affiliates of U.S. companies	D-60
G.4 FDIUS: Selected items	D-61
G.5 Selected financial and operating data of U.S. affiliates of foreign companies	D-62

H. International perspectives [A, Q, M]

I. Charts

The United States in the international economy	D-64
--	------

Regional Data

J. State and regional tables

J.1 Personal income [Q]	D-65
J.2 Personal income and per capita personal income [A].....	D-66
J.3 Disposable personal income and per capita disposable personal income [A]	D-67
J.4 Gross state product [A].....	D-68

K. Local area table

K.1 Personal income and per capita personal income by metropolitan area [A]	D-69
--	------

L. Charts

Selected regional estimates.....	D-71
----------------------------------	------

Appendixes

A: Additional information about the NIPA estimates

Statistical conventions.....	D-73
Reconciliation tables [A, Q].....	D-74

B: Suggested reading.....

.....	D-75
-------	------

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	
Gross domestic product.....	4.1	4.1	1.3	1.9	1.3	.3	-1.1
Personal consumption expenditures.....	5.0	4.8	4.3	3.1	3.0	2.5	1.1
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
Gross private domestic investment.....	6.6	6.8	-2.8	-2.3	-12.3	-12.1	-10.7
Fixed investment.....	7.8	7.6	2.5	.5	1.9	-9.7	-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.....							
Net exports of goods and services.....							
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
Government consumption expenditures and gross investment.....	3.3	2.7	-1.8	3.3	5.3	5.0	.8
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
Addenda:							
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
Percent change at annual rate:							
Gross domestic product.....	4.1	4.1	1.3	1.9	1.3	.3	-1.1
Percentage points at annual rates:							
Personal consumption expenditures.....	3.35	3.28	2.88	2.14	2.05	1.72	.78
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
Gross private domestic investment.....	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
Residential.....	.28	.04	-.47	-.05	.35	.25	.11
Change in private inventories.....	-.15	-.09	-.95	-.50	-2.61	-.42	-.75
Net exports of goods and services.....	-.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
Government consumption expenditures and gross investment.....	.58	.47	-.32	.58	.92	.87	.14
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
Gross domestic product	9,268.6	9,872.9	9,937.5	10,027.9	10,141.7	10,202.6	10,229.7
Personal consumption expenditures	6,250.2	6,728.4	6,785.5	6,871.4	6,977.6	7,044.6	7,059.2
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
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
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
Net exports of goods and services	-250.9	-364.0	-380.6	-390.6	-363.8	-347.4	-292.2
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
Government consumption expenditures and gross investment	1,632.5	1,741.0	1,744.2	1,766.8	1,805.2	1,835.4	1,839.7
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
Gross domestic product	8,856.5	9,224.0	9,260.1	9,303.9	9,334.5	9,341.7	9,316.8
Personal consumption expenditures	5,968.4	6,257.8	6,292.1	6,341.1	6,388.5	6,428.4	6,446.5
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
Gross private domestic investment	1,660.1	1,772.9	1,788.8	1,778.3	1,721.0	1,666.2	1,619.5
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
Net exports of goods and services	-316.9	-399.1	-411.2	-421.1	-404.5	-406.7	-408.1
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
Government consumption expenditures and gross investment	1,531.8	1,572.6	1,570.0	1,582.8	1,603.4	1,623.0	1,626.2
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
Gross domestic product	9,268.6	9,872.9	9,937.5	10,027.9	10,141.7	10,202.6	10,229.7
Final sales of domestic product..	9,210.0	9,823.6	9,884.9	9,989.2	10,167.2	10,239.1	10,285.9
Change in private inventories	58.6	49.4	52.5	38.7	-25.5	-36.6	-56.2
Goods	3,477.2	3,694.2	3,729.7	3,709.3	3,693.4	3,678.4	3,631.5
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 ¹	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 ¹	23.3	14.7	19.5	7.2	5.5	5.8	-1.4
Services	4,939.1	5,268.4	5,296.1	5,393.0	5,482.8	5,545.7	5,631.9
Structures	852.3	910.3	911.6	925.6	965.6	978.4	966.4
Addenda:							
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
Gross domestic product	8,856.5	9,224.0	9,260.1	9,303.9	9,334.5	9,341.7	9,316.8
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
Goods	3,516.1	3,719.4	3,752.9	3,730.3	3,706.2	3,672.2	3,629.7
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	1,877.1	1,907.3	1,894.8	1,860.6
Change in private inventories ¹	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 ¹	24.6	15.1	17.2	10.5	4.5	4.5	-2.3
Services	4,572.8	4,725.1	4,732.5	4,789.9	4,816.1	4,848.4	4,875.6
Structures	774.3	792.2	789.9	794.3	817.6	821.8	808.5
Residual	-10.1	-17.9	-19.8	-18.3	-8.7	-2.8	7.2
Addenda:							
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]

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

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

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

[Billions of chained (1996) dollars]

Gross domestic product	8,856.5	9,224.0	9,260.1	9,303.9	9,334.5	9,341.7	9,316.8
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
Equals: Gross domestic purchases	9,154.9	9,594.7	9,641.5	9,694.4	9,710.4	9,720.4	9,699.1
Less: Change in private inventories	62.1	50.6	51.7	42.8	-27.1	-38.3	-60.1
Equals: Final sales to domestic purchasers	9,090.3	9,537.7	9,582.5	9,647.1	9,723.8	9,743.7	9,739.9

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.

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

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

Table 1.7.—Gross Domestic Product by Sector

[Billions of dollars]

Gross domestic product	9,268.6	9,872.9	9,937.5	10,027.9	10,141.7	10,202.6	10,229.7
Business ¹	7,840.6	8,356.8	8,411.6	8,487.8	8,574.1	8,609.4	8,611.7
Nonfarm ²	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
Households and institutions	403.3	432.0	435.7	443.6	454.3	465.6	474.9
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
General government ³	1,024.7	1,084.2	1,090.1	1,096.5	1,113.3	1,127.6	1,143.1
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]

Gross domestic product	8,856.5	9,224.0	9,260.1	9,303.9	9,334.5	9,341.7	9,316.8
Business ¹	7,539.7	7,879.1	7,912.1	7,949.8	7,971.6	7,967.3	7,930.7
Nonfarm ²	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
Households and institutions	379.1	388.6	389.6	393.0	396.8	402.1	405.1
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
General government ³	939.5	959.3	961.5	964.4	969.1	974.7	982.2
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
Gross domestic product	9,268.6	9,872.9	9,937.5	10,027.9	10,141.7	10,202.6	10,229.7
<i>Plus:</i> Income receipts from the rest of the world	313.8	384.2	386.6	402.1	378.9	346.9	322.2
<i>Less:</i> Income payments to the rest of the world	320.5	396.3	404.7	397.9	389.4	358.6	329.2
Equals: Gross national product	9,261.8	9,860.8	9,919.4	10,032.1	10,131.3	10,190.9	10,222.8
<i>Less:</i> 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
<i>Less:</i> 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
Equals: Net national product	8,110.4	8,619.5	8,665.1	8,755.3	8,831.4	8,849.4	8,816.4
<i>Less:</i> Indirect business tax and nontax liability	713.1	762.7	767.6	775.6	785.7	792.3	794.7
Business transfer payments	41.3	43.9	44.0	44.4	44.3	44.5	44.5
Statistical discrepancy	-72.7	-130.4	-156.3	-150.0	-120.5	-143.2	-140.2
<i>Plus:</i> Subsidies less current surplus of government enterprises	33.3	37.6	37.3	38.7	47.8	52.2	71.8
Equals: National income	7,462.1	7,980.9	8,047.2	8,124.0	8,169.7	8,207.9	8,189.2
<i>Less:</i> 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
<i>Plus:</i> 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
Equals: Personal income	7,777.3	8,319.2	8,381.5	8,519.6	8,640.2	8,714.6	8,772.5
Addenda:							
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
Gross domestic product	8,856.5	9,224.0	9,260.1	9,303.9	9,334.5	9,341.7	9,316.8
<i>Plus:</i> Income receipts from the rest of the world	301.3	360.2	361.6	374.3	350.3	319.6	297.0
<i>Less:</i> Income payments to the rest of the world	304.7	367.0	373.7	365.8	355.2	325.7	298.9
Equals: Gross national product	8,853.0	9,216.4	9,247.2	9,311.7	9,329.1	9,335.5	9,315.3
<i>Less:</i> 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
Equals: Net national product	7,693.6	7,982.5	8,003.0	8,038.9	8,025.2	7,995.4	7,927.3
Addenda:							
Gross domestic income ¹	8,926.0	9,345.7	9,405.7	9,443.1	9,445.4	9,472.8	9,444.5
Gross national income ²	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]

Gross national product	8,853.0	9,216.4	9,247.2	9,311.7	9,329.1	9,335.5	9,315.3
<i>Less:</i> 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
<i>Plus:</i> Command-basis exports of goods and services and income receipts from the rest of the world ¹	1,381.8	1,516.1	1,539.7	1,542.2	1,521.7	1,467.3	1,436.8
Equals: Command-basis gross national product	8,898.0	9,236.3	9,263.6	9,328.6	9,354.7	9,374.9	9,400.1
Addendum:							
Terms of trade ²	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.

2. Personal Income and Outlays

Table 2.1.—Personal Income and Its Disposition

[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Personal income	7,777.3	8,319.2	8,381.5	8,519.6	8,640.2	8,714.6	8,772.5
Wage and salary disbursements	4,472.2	4,837.2	4,875.8	4,973.2	5,049.4	5,099.8	5,124.6
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
Other labor income	509.7	534.2	537.9	544.9	549.3	552.2	555.4
Proprietors' income with inventory valuation and capital consumption adjustments	672.0	715.0	719.3	725.2	735.2	745.3	753.0
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
Rental income of persons with capital consumption adjustment	147.7	141.6	138.3	141.7	139.6	139.0	143.6
Personal dividend income	343.1	379.2	385.8	396.6	404.8	411.9	420.0
Personal interest income	950.0	1,000.6	1,009.2	1,013.1	1,010.9	1,001.0	991.3
Transfer payments to persons	1,019.6	1,069.1	1,074.6	1,089.0	1,123.1	1,139.4	1,158.9
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 ¹	17.7	18.3	18.4	18.6	19.0	19.2	19.3
Other	369.3	388.1	390.1	396.5	403.8	411.2	418.4
Less: Personal contributions for social insurance	337.1	357.7	359.4	364.1	372.1	374.0	374.3
Less: Personal tax and nontax payments	1,159.2	1,288.2	1,300.2	1,329.8	1,345.2	1,351.4	1,195.6
Equals: Disposable personal income	6,618.0	7,031.0	7,081.3	7,189.8	7,295.0	7,363.2	7,576.9
Less: Personal outlays	6,457.2	6,963.3	7,026.9	7,115.1	7,216.2	7,281.7	7,292.6
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
Equals: Personal saving	160.9	67.7	54.5	74.7	78.8	81.5	284.3
Addenda:							
Disposable personal income: Total, billions of chained (1996) dollars ²	6,320.0	6,539.2	6,566.5	6,634.9	6,679.0	6,719.2	6,919.3
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
Personal saving as a percentage of disposable personal income	2.4	1.0	.8	1.0	1.1	1.1	3.8

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

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

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

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
Personal consumption expenditures	6,250.2	6,728.4	6,785.5	6,871.4	6,977.6	7,044.6	7,059.2
Durable goods	760.9	819.6	825.4	818.7	838.1	844.7	840.3
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
Nondurable goods	1,831.3	1,989.6	2,012.4	2,025.1	2,047.1	2,062.3	2,057.3
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
Services	3,658.0	3,919.2	3,947.7	4,027.5	4,092.4	4,137.6	4,161.6
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
Addenda:							
Energy goods and services ¹	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	2000	2001	2001	2001	2001
Personal consumption expenditures	5,968.4	6,257.8	6,292.1	6,341.1	6,388.5	6,428.4	6,446.5
Durable goods	817.8	895.5	904.1	899.4	922.4	938.1	939.8
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
Nondurable goods	1,766.4	1,849.9	1,864.1	1,866.8	1,878.0	1,879.4	1,881.8
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
Services	3,393.2	3,527.7	3,540.2	3,588.8	3,605.1	3,629.8	3,643.5
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
Addenda:							
Energy goods and services ¹	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
Current receipts	2,786.1	3,023.9	3,047.7	3,073.9	3,096.8	3,104.5	2,929.5
Personal tax and nontax receipts.....	1,159.2	1,288.2	1,300.2	1,329.8	1,345.2	1,351.4	1,195.6
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
Current expenditures	2,624.8	2,772.5	2,783.0	2,822.7	2,869.2	2,896.5	2,937.4
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
Current surplus or deficit (-), national income and product accounts	161.3	251.4	264.7	251.2	227.6	208.0	-8.0
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
Addenda:							
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
Current receipts	1,872.8	2,046.8	2,064.3	2,077.5	2,087.4	2,091.5	1,908.7
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
Current expenditures	1,753.6	1,828.3	1,834.4	1,855.0	1,882.1	1,904.7	1,918.8
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
Current surplus or deficit (-), national income and product accounts ..	119.2	218.6	229.9	222.5	205.3	186.7	-10.2
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
Addenda:							
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
Current receipts	1,143.8	1,222.6	1,234.3	1,246.4	1,273.4	1,294.3	1,287.2
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
Current expenditures	1,101.7	1,189.8	1,199.5	1,217.8	1,251.1	1,273.0	1,285.0
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
Current surplus or deficit (-), national income and product accounts ..	42.1	32.8	34.8	28.6	22.3	21.3	2.2
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
Addenda:							
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
Government consumption expenditures and gross investment¹	1,632.5	1,741.0	1,744.2	1,766.8	1,805.2	1,835.4	1,839.7
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
Consumption							
expenditures	311.8	321.9	321.0	325.3	338.3	339.5	342.5
Durable goods ²	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 ³	133.0	137.9	138.7	138.1	141.1	141.8	143.4
Consumption of general government fixed capital ⁴	62.7	63.8	63.9	64.0	63.8	64.1	63.9
Other services	85.8	87.4	86.3	90.1	101.1	98.7	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
Nondefense	199.5	214.8	214.9	211.8	212.4	213.8	215.4
Consumption							
expenditures	157.8	171.8	172.5	168.8	169.2	170.6	170.2
Durable goods ²	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 ³	86.9	93.5	92.9	91.3	94.4	95.2	96.5
Consumption of general government fixed capital ⁴	23.6	26.6	27.0	27.7	28.2	28.8	29.3
Other services	40.5	43.6	43.9	43.8	38.5	39.0	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
State and local	1,068.5	1,150.8	1,157.2	1,172.6	1,199.8	1,225.5	1,225.1
Consumption expenditures	858.4	929.0	936.6	950.0	966.7	981.3	991.5
Durable goods ²	15.7	16.9	17.1	17.4	17.7	18.0	18.3
Nondurable goods	91.8	110.9	112.8	115.7	116.4	118.8	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 ³	625.7	661.8	666.0	671.9	681.0	690.9	702.4
Consumption of general government fixed capital ⁴	82.6	89.8	90.8	92.4	94.2	95.8	96.9
Other services	42.5	49.7	50.0	52.6	57.4	57.8	56.9
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
Addenda:							
Compensation of general government employees ³	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
Government consumption expenditures and gross investment¹	1,531.8	1,572.6	1,570.0	1,582.8	1,603.4	1,623.0	1,626.2
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
Consumption							
expenditures	294.7	294.5	293.0	296.0	304.4	304.6	306.9
Durable goods ²	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 ³	120.9	120.3	120.8	120.5	119.5	119.6	120.7
Consumption of general government fixed capital ⁴	62.5	62.6	62.6	62.7	62.7	62.8	63.0
Other services	80.3	80.2	78.8	81.9	91.2	88.8	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
Nondefense	188.1	196.7	196.5	194.0	191.8	192.3	193.6
Consumption							
expenditures	146.2	154.2	154.7	151.8	149.5	150.0	149.4
Durable goods ²	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 ³	77.2	79.5	79.0	78.2	78.8	78.9	79.8
Consumption of general government fixed capital ⁴	23.9	26.4	26.7	27.3	27.8	28.3	28.9
Other services	38.5	40.5	40.8	40.4	35.3	35.6	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
State and local	994.7	1,026.3	1,027.6	1,034.3	1,050.5	1,067.4	1,067.0
Consumption expenditures	794.5	821.4	824.6	830.5	839.1	846.9	855.8
Durable goods ²	15.9	17.0	17.1	17.4	17.7	17.9	18.2
Nondurable goods	93.9	99.9	100.6	102.0	103.5	105.0	106.6
Services	685.3	705.4	707.8	712.2	719.0	725.0	732.1
Compensation of general government employees, except own-account investment ³	566.1	577.0	578.4	580.6	584.6	588.0	592.1
Consumption of general government fixed capital ⁴	80.2	84.8	85.4	86.6	87.7	88.8	90.0
Other services	39.0	43.7	44.1	45.3	46.9	48.4	50.3
Gross investment	200.4	205.0	203.1	203.9	211.6	221.0	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
Residual	-2.8	-5.3	-4.0	-8.9	-5.1	-4.7	-5.7
Addenda:							
Compensation of general government employees ³	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 2.7.

Chain-type quantity indexes for the series in this table are shown in table 7.11.

Contributions to percent change in real government consumption expenditures and gross investment are shown in table 8.6.

Table 3.10.—National Defense Consumption Expenditures and Gross Investment
[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
National defense consumption expenditures and gross investment¹	364.5	375.4	372.1	382.4	392.9	396.1	399.1
Consumption expenditures	311.8	321.9	321.0	325.3	338.3	339.5	342.5
Durable goods²	22.1	22.5	22.0	23.0	22.8	24.0	25.4
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
Nondurable goods	8.1	10.4	10.1	10.0	9.5	10.8	10.5
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
Services	281.6	289.0	288.9	292.2	306.0	304.6	306.7
Compensation of general government employees, except own-account investment ³	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 ⁴	62.7	63.8	63.9	64.0	63.8	64.1	63.9
Other services	85.8	87.4	86.3	90.1	101.1	98.7	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
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
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
Addendum:							
Compensation of general government employees ³ ..	133.6	138.6	139.4	138.8	141.7	142.5	144.3

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

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
National defense consumption expenditures and gross investment¹	348.6	349.0	345.1	353.8	360.3	362.4	364.7
Consumption expenditures	294.7	294.5	293.0	296.0	304.4	304.6	306.9
Durable goods²	22.4	22.6	22.1	23.1	22.9	24.0	25.4
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
Nondurable goods	8.9	9.3	9.0	8.4	8.6	10.0	9.8
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
Services	263.6	262.9	262.1	264.9	273.2	271.0	272.2
Compensation of general government employees, except own-account investment ³	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 ⁴	62.5	62.6	62.6	62.7	62.7	62.8	63.0
Other services	80.3	80.2	78.8	81.9	91.2	88.8	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	-9	-2.4	-1.1	-1.3
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
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
Addendum:							
Compensation of general government employees ³ ..	121.5	120.9	121.4	121.1	120.1	120.2	121.4

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

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

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

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

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

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

4. Foreign Transactions

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

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Receipts from the rest of the world	1,303.6	1,487.1	1,517.8	1,523.1	1,496.3	1,426.5	1,345.9
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 ¹	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 ¹	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
Payments to the rest of the world	1,303.6	1,487.1	1,517.8	1,523.1	1,496.3	1,426.5	1,345.9
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 ¹	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 ¹	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
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
Goods ¹	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 ¹	284.2	299.3	297.8	300.5	301.8	303.6	292.8
Income receipts	301.3	360.2	361.6	374.3	350.3	319.6	297.0
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
Goods ¹	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 ¹	194.3	218.7	224.6	224.7	227.4	226.2	207.1
Income payments	304.7	367.0	373.7	365.8	355.2	325.7	298.9

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

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

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

Table 4.3.—Exports and Imports of Goods and Services by Type of

Product

[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Exports of goods and services	989.8	1,102.9	1,131.1	1,121.0	1,117.4	1,079.6	1,023.7
Exports of goods ¹	698.3	785.6	813.4	799.7	794.2	754.4	710.6
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
Nondurable 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
Nondurable 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
Exports of services ¹	291.5	317.3	317.7	321.3	323.2	325.2	313.1
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
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
Imports of goods ¹	1,046.9	1,244.9	1,283.0	1,284.0	1,248.7	1,197.8	1,146.8
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... Durable goods..... Nondurable goods.....	148.5 78.9 69.7	173.6 88.5 85.1	177.4 88.7 88.6	180.2 86.9 93.3	182.4 86.2 96.2	174.2 80.6 93.5	161.4 78.8 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..... Durable goods..... Nondurable goods.....	241.8 126.9 114.9	281.6 150.0 131.6	286.4 151.2 135.2	292.8 155.9 136.8	291.9 153.0 138.9	286.5 147.5 139.0	280.3 144.0 136.3
Other.....	70.9	81.1	87.5	87.2	78.7	86.0	84.0
Imports of services ¹	193.7	221.9	228.7	227.7	232.5	229.2	169.1
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
Addenda:							
Exports of agricultural goods ²	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 nondurable nonautomotive consumer goods.

Table 4.4.—Real Exports and Imports of Goods and Services by Type of

Product

[Billions of chained (1996) dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Exports of goods and services	1,034.9	1,133.2	1,159.3	1,147.5	1,144.1	1,108.3	1,055.5
Exports of goods ¹	751.3	836.1	864.8	849.5	844.4	805.2	762.7
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
Nondurable 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..... Durable goods..... Nondurable goods.....	81.6 42.6 39.1	89.8 47.3 42.5	91.6 48.2 43.4	90.1 47.0 43.2	93.5 49.8 43.8	93.3 49.8 43.6	85.6 45.3 40.3
Other.....	44.6	45.9	47.1	49.0	47.1	47.0	44.2
Exports of services ¹	284.2	299.3	297.8	300.5	301.8	303.6	292.8
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
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
Imports of goods ¹	1,159.2	1,315.6	1,348.0	1,345.9	1,322.8	1,290.1	1,257.6
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 .. Durable goods..... Nondurable goods.....	157.2 81.1 76.0	167.9 86.5 81.4	169.4 86.3 83.0	167.2 86.0 81.2	165.0 84.9 80.1	166.5 79.8 85.9	166.2 80.0 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..... Durable goods..... Nondurable goods.....	249.9 134.9 115.2	293.5 161.2 132.7	298.7 162.6 136.4	306.2 168.2 138.4	305.4 160.2 140.5	300.7 160.2 140.6	294.7 158.8 137.9
Other.....	71.5	80.9	87.1	86.6	77.6	85.2	84.2
Imports of services ¹	194.3	218.7	224.6	224.7	227.4	226.2	207.1
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
Addenda:							
Exports of agricultural goods ²	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
Gross saving	1,707.4	1,785.7	1,807.4	1,799.7	1,754.0	1,750.5	1,753.0
Gross private saving	1,348.0	1,323.0	1,329.6	1,332.7	1,307.9	1,321.2	1,531.6
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
Gross government saving	359.4	462.7	477.8	467.1	446.1	429.3	221.4
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
Gross investment	1,634.7	1,655.3	1,651.1	1,649.7	1,633.5	1,607.3	1,612.8
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
Statistical discrepancy	-72.7	-130.4	-156.3	-150.0	-120.5	-143.2	-140.2
Addendum:							
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
Private 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
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
Equipment and software	891.1	979.5	993.8	987.3	965.4	921.7	896.3
Information processing equipment and software	399.7	466.5	475.1	486.5	460.4	431.1	412.7
Computers and peripheral equipment ¹	90.8	109.3	113.3	114.0	102.9	89.6	78.5
Software ²	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
Residential	403.5	425.1	421.0	423.4	437.0	446.2	450.7
Structures	394.7	415.6	411.5	413.9	427.5	436.7	441.2
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
Equipment	8.8	9.4	9.4	9.5	9.5	9.6	9.5

1. Includes new computers and peripheral equipment only.

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

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

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Private fixed investment	1,595.4	1,716.2	1,730.1	1,732.1	1,740.3	1,696.4	1,668.9
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
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
Equipment and software	978.3	1,087.4	1,102.3	1,099.3	1,087.7	1,043.2	1,018.1
Information processing equipment and software	506.2	609.5	621.0	641.8	620.9	588.1	570.8
Computers and peripheral equipment ¹	208.6	290.3	305.2	317.6	314.4	287.3	266.5
Software ²	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
Residential	368.3	371.4	366.3	365.3	372.9	378.3	380.6
Structures	359.3	361.8	356.8	355.8	363.3	368.6	371.0
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
Equipment	9.0	9.6	9.6	9.6	9.7	9.7	9.7
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
Change in private inventories	58.6	49.4	52.5	38.7	-25.5	-36.6	-56.2
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
Addenda:							
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 ¹	66.3	74.5	65.7	61.2	-28.2	-34.0	-68.0
Nonfarm inventory valuation adjustment ²	-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
Change in private inventories	62.1	50.6	51.7	42.8	-27.1	-38.3	-60.1
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
Addenda:							
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
Private inventories ¹	1,486.3	1,507.1	1,486.3	1,464.6	1,427.5
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
Addenda:					
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 ²	696.6	704.1	716.6	720.5	722.3
Final sales of goods and structures of domestic business ²	382.4	383.0	390.4	391.1	387.8
Ratios of private inventories to final sales of domestic business:					
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
Private inventories ¹	1,494.3	1,505.0	1,498.3	1,488.7	1,473.6
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
Addenda:					
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 ²	654.4	658.6	665.5	665.9	664.4
Final sales of goods and structures of domestic business ²	373.2	372.8	378.4	377.0	373.8
Ratios of private inventories to final sales of domestic business:					
Private inventories to final sales.....	2.28	2.29	2.25	2.24	2.22
Nonfarm inventories to final sales.....	2.12	2.13	2.09	2.08	2.06
Nonfarm inventories to final sales of goods and structures.....	3.72	3.75	3.68	3.67	3.66

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

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

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

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Corporate profits with inventory valuation and capital consumption adjustments	825.2	876.4	895.0	847.6	789.8	759.8	696.7
Domestic industries	710.5	739.6	754.0	690.8	649.7	615.8	553.8
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
Rest of the world	114.6	136.8	141.0	156.8	140.0	144.0	142.9
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
Corporate profits with inventory valuation adjustment	773.4	833.0	854.6	809.2	753.8	729.5	683.4
Domestic industries	658.8	696.3	713.6	652.4	613.8	585.4	540.5
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	.....
Rest of the world	114.6	136.8	141.0	156.8	140.0	144.0	142.9

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

Table 7.2.—Quantity and Price Indexes for Gross Domestic Product, Final Sales, and Purchases
[Index numbers, 1996=100]

	1999	2000	Seasonally adjusted				
			2000		2001		
			III	IV	I	II	III
Gross domestic product:							
Current dollars.....	118.63	126.36	127.19	128.35	129.80	130.58	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
Final sales of domestic product:							
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
Gross domestic purchases:							
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
Final sales to domestic purchasers:							
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
Addenda:							
Final sales of computers: ¹							
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
Gross domestic product less final sales of computers:							
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
Gross domestic purchases less final sales of computers:							
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
Chain-type price indexes for gross domestic product:							
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
Gross domestic product less food and energy.....	104.87	107.17	107.44	107.87	108.47	108.79	109.52
Chain-type price indexes for gross domestic purchases:							
Food.....	105.78	108.23	108.74	109.17	110.28	110.99	112.00
Energy goods and services.....	95.61	113.69	115.32	118.44	121.11	122.92	115.91
Gross domestic purchases less food and energy.....	104.17	106.26	106.51	106.86	107.46	107.70	107.83

1. For some components of final sales of computers, includes computer parts.
NOTE.— Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 7.3.—Quantity and Price Indexes for Gross National Product and Command-Basis Gross National Product
[Index numbers, 1996=100]

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

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

Table 7.4.—Chain-Type Quantity and Price Indexes for Personal Consumption Expenditures by Major Type of Product
[Index numbers, 1996=100]

	1999	2000	Seasonally adjusted				
			2000		2001		
			III	IV	I	II	III
Chain-type quantity indexes							
Personal consumption expenditures.....	113.96	119.48	120.14	121.07	121.98	122.74	123.08
Durable goods.....	132.66	145.27	146.66	145.90	149.63	152.17	152.45
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
Nondurable goods.....	112.22	117.52	118.43	118.60	119.31	119.40	119.55
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
Services.....	111.36	115.78	116.19	117.78	118.32	119.13	119.58
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
Addenda:							
Energy goods and services ¹	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
Chain-type price indexes							
Personal consumption expenditures.....	104.72	107.52	107.85	108.37	109.23	109.59	109.51
Durable goods.....	93.04	91.53	91.29	91.03	90.86	90.05	89.41
Motor vehicles and parts.....	99.11	99.57	99.55	99.79	100.44	100.09	99.68
Furniture and household equipment.....	85.21	81.51	81.14	80.10	78.87	77.39	76.35
Other.....	96.60	95.77	95.41	95.83	96.37	96.12	95.98
Nondurable goods.....	103.67	107.55	107.96	108.49	109.01	109.74	109.33
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
Services.....	107.80	111.10	111.52	112.24	113.53	114.00	114.23
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
Addenda:							
Energy goods and services ¹	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							
Private fixed investment	131.56	141.52	142.66	142.83	143.51	139.89	137.62
Nonresidential	136.60	150.17	152.44	152.81	152.75	146.86	143.33
Structures	114.17	121.25	123.64	125.94	129.64	125.47	122.46
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
Equipment and software	145.06	161.23	163.44	162.99	161.27	154.68	150.95
Information processing equipment and software	176.20	212.17	216.18	223.42	216.16	204.73	198.71
Computers and peripheral equipment ¹	294.45	409.69	430.77	448.15	443.73	405.45	376.13
Software ²	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
Residential	117.56	118.55	116.95	116.62	119.03	120.76	121.49
Structures	117.57	118.40	116.76	116.42	118.87	120.62	121.39
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
Equipment	117.47	125.30	125.38	126.02	126.25	127.13	126.08
Chain-type price indexes							
Private fixed investment	98.92	100.11	100.34	100.55	100.46	100.60	100.62
Nonresidential	95.61	95.74	95.90	95.91	95.44	95.41	95.30
Structures	110.38	114.95	115.49	116.83	118.61	119.99	120.61
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
Equipment and software	91.09	90.08	90.15	89.82	88.76	88.35	88.04
Information processing equipment and software	78.97	76.55	76.49	75.79	74.13	73.28	72.29
Computers and peripheral equipment ¹	43.51	37.65	37.01	35.78	32.62	31.11	29.35
Software ²	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
Residential	109.57	114.46	114.89	115.88	117.19	117.95	118.41
Structures	109.86	114.87	115.31	116.33	117.66	118.45	118.92
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
Equipment	98.08	98.10	98.19	98.10	98.73	98.25	98.51

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							
Exports of goods and services	118.38	129.63	132.62	131.27	130.88	126.78	120.75
Goods ¹	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 ¹	111.14	117.01	116.42	117.47	117.99	118.70	114.48
Income receipts	122.71	146.67	147.25	152.41	142.66	130.15	120.97
Imports of goods and services	140.35	159.09	163.07	162.86	160.79	157.30	151.97
Goods ¹	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 ¹	125.50	141.32	145.13	145.14	146.90	146.14	133.80
Income payments	133.92	161.33	164.26	160.79	156.13	143.16	131.38
Chain-type price indexes							
Exports of goods and services	95.65	97.33	97.58	97.70	97.67	97.42	96.99
Goods ¹	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 ¹	102.55	106.02	106.71	106.95	107.08	107.13	106.94
Income receipts	104.14	106.66	106.92	107.43	108.17	108.54	108.47
Imports of goods and services	91.78	95.73	96.27	96.37	95.65	94.19	89.90
Goods ¹	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 ¹	99.74	101.45	101.83	101.34	102.24	101.31	81.64
Income payments	105.22	107.98	108.31	108.79	109.63	110.11	110.14

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							
Exports of goods and services	118.38	129.63	132.62	131.27	130.88	126.78	120.75	Exports of goods and services	95.65	97.33	97.58	97.70	97.67	97.42	96.99
Exports of goods ¹	121.49	135.20	139.85	137.37	136.55	130.21	123.33	Exports of goods ¹	92.94	93.97	94.06	94.15	94.06	93.69	93.17
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	99.83	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
Exports of services ¹	111.14	117.01	116.42	117.47	117.99	118.70	114.48	Exports of services ¹	102.55	106.02	106.71	106.95	107.08	107.13	106.94
Transfers under U.S. military agency sales contracts	100.26	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	158.60	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
Imports of goods and services	140.35	159.09	163.07	162.86	160.79	157.30	151.97	Imports of goods and services	91.78	95.73	96.27	96.37	95.65	94.19	89.90
Imports of goods ¹	143.40	162.75	166.76	166.50	163.65	159.60	155.58	Imports of goods ¹	90.32	94.63	95.19	95.40	94.40	92.85	91.19
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
Imports of services ¹	125.50	141.32	145.13	145.14	146.90	146.14	133.80	Imports of services ¹	99.74	101.45	101.83	101.34	102.24	101.31	81.64
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
Addenda:								Addenda:							
Exports of agricultural goods ²	102.79	111.41	117.22	111.68	113.75	113.69	112.84	Exports of agricultural goods ²	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

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

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

Table 7.11.—Chain-Type Quantity and Price Indexes for Government Consumption Expenditures and Gross Investment by Type

[Index numbers, 1996=100]

	1999	2000	Seasonally adjusted					1999	2000	Seasonally adjusted				
			2000		2001					2000		2001		
			III	IV	I	II	III			III	IV	I	II	III
	Chain-type quantity indexes						Chain-type price indexes							
Government consumption expenditures and gross investment¹	107.72	110.60	110.41	111.31	112.76	114.14	114.36	106.58	110.71	111.10	111.63	112.58	113.09	113.13
Federal	100.97	102.68	101.92	103.07	103.88	104.35	105.04	105.09	108.12	108.35	108.46	109.62	109.96	110.05
National defense	97.64	97.76	96.68	99.11	100.93	101.50	102.16	104.60	107.56	107.82	108.09	109.04	109.32	109.43
Consumption expenditures	97.46	97.41	96.90	97.90	100.67	100.72	101.49	105.82	109.29	109.58	109.89	111.14	111.46	111.60
Durable goods ²	106.98	107.86	105.56	110.11	109.00	114.40	121.30	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	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	106.81	109.94	110.21	110.32	111.99	112.42	112.64
Compensation of general government employees, except own-account investment ³	90.87	90.40	90.79	90.57	89.80	89.88	90.69	109.96	114.63	114.83	114.58	118.03	118.56	118.82
Consumption of general government fixed capital ⁴	99.20	99.36	99.38	99.46	99.58	99.71	99.98	100.40	101.87	102.06	102.10	101.71	102.00	101.45
Other services	103.46	103.24	101.53	105.47	117.51	114.40	114.36	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	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	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	96.03	95.83	95.87	95.82	95.03	95.02	94.90
Nondefense	107.75	112.67	112.55	111.10	109.88	110.14	110.91	106.04	109.20	109.38	109.19	110.74	111.20	111.26
Consumption expenditures	102.29	107.89	108.23	106.20	104.60	104.95	104.57	107.94	111.43	111.56	111.22	113.21	113.76	113.90
Durable goods ²														
Nondurable goods														
Commodity Credit Corporation inventory change														
Other nondurables	89.81	87.51	100.62	50.58	94.37	90.83	89.02	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	108.41	112.10	112.18	112.00	113.96	114.49	114.71
Compensation of general government employees, except own-account investment ³	101.05	104.13	103.47	102.33	103.14	103.33	104.52	112.64	117.55	117.58	116.79	119.83	120.60	120.88
Consumption of general government fixed capital ⁴	132.78	146.69	148.37	151.51	154.26	157.30	160.51	98.58	100.74	101.00	101.48	101.57	101.77	101.56
Other services	93.03	97.97	98.63	97.85	85.27	86.15	82.66	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	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	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	93.77	95.01	95.25	95.47	95.09	95.08	94.74
State and local	111.71	115.26	115.41	116.17	117.99	119.88	119.84	107.42	112.14	112.62	113.37	114.22	114.82	114.82
Consumption expenditures	109.36	113.05	113.50	114.31	115.50	116.57	117.79	108.04	113.11	113.60	114.39	115.21	115.88	115.86
Durable goods ²	121.72	129.87	130.90	132.91	135.08	137.28	139.50	98.95	99.66	99.80	99.94	100.05	100.42	100.37
Nondurable goods	117.54	125.11	125.98	127.63	129.53	131.47	133.44	97.76	110.94	112.08	113.54	112.48	113.13	109.76
Services	108.17	111.33	111.71	112.40	113.48	114.43	115.55	109.55	113.59	113.99	114.71	115.81	116.49	116.96
Compensation of general government employees, except own-account investment ³	104.39	106.39	106.66	107.06	107.81	108.43	109.18	110.54	114.71	115.14	115.74	116.49	117.50	118.64
Consumption of general government fixed capital ⁴	117.56	124.33	125.17	126.86	128.52	130.19	131.88	102.97	105.80	106.30	106.77	107.47	107.80	107.68
Other services	169.34	189.85	191.59	196.57	203.71	210.08	218.31	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	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	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	90.56	90.04	90.18	89.84	89.01	88.68	88.48
Addenda:														
Compensation of general government employees ³	101.85	103.55	103.73	103.89	104.30	104.81	105.56	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	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	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							
Gross domestic product	113.35	118.06	118.52	119.08	119.47	119.56	119.25
Business ¹	115.01	120.18	120.69	121.26	121.59	121.53	120.97
Nonfarm	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
Households and institutions	108.75	111.50	111.79	112.75	113.84	115.36	116.23
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
General government ³	103.39	105.57	105.82	106.13	106.66	107.27	108.10
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							
Gross domestic product	104.66	107.04	107.31	107.78	108.65	109.22	109.80
Business ¹	104.00	106.07	106.31	106.77	107.56	108.06	108.59
Nonfarm	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
Households and institutions	106.40	111.14	111.83	112.90	114.50	115.80	117.23
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
General government ³	109.07	113.03	113.38	113.71	114.88	115.69	116.38
Federal	107.80	111.62	111.78	111.51	113.70	114.22	114.26
State and local	109.66	113.66	114.10	114.69	115.43	116.36	117.33

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]

Price per unit of real gross product of nonfinancial corporate business ¹	1.017	1.043	1.047	1.051	1.056	1.062	1.062
Compensation of employees (unit labor cost)	.665	.685	.686	.701	.710	.714	.716
Unit nonlabor cost	.244	.251	.251	.253	.256	.261	.266
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
Corporate profits with inventory valuation and capital consumption adjustments (unit profits from current production)	.108	.107	.109	.097	.089	.086	.080
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
Private inventories ¹	99.46	100.14	99.20	98.38	96.87
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
Addenda:					
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
Gross domestic product..	113.35	118.06	118.52	119.08	119.47	119.56	119.25
Final sales of domestic product	112.96	117.78	118.22	118.93	120.10	120.32	120.23
Change in private inventories							
Goods	119.14	126.03	127.16	126.40	125.58	124.43	122.99
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							
Services	109.11	112.75	112.92	114.29	114.92	115.69	116.34
Structures	115.41	118.08	117.74	118.39	121.87	122.49	120.51
Addenda:							
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
Motor vehicle output ...	129.26	128.39	127.77	120.86	115.40	121.94	123.67
Auto output	101.86	96.38	98.04	88.64	86.02	92.82	94.56
Truck output ¹	152.01	154.88	152.38	147.43	139.65	145.98	147.72
Final sales of domestic product	123.90	124.50	124.34	116.56	122.45	123.26	120.41
Personal consumption expenditures	129.88	138.22	139.38	136.30	142.79	143.87	143.26
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
Private fixed investment ...	133.59	129.88	129.56	115.73	117.35	116.27	110.58
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
Gross government investment	116.98	119.06	113.85	123.23	123.05	123.06	118.63
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
Net exports	94.17	95.72	94.81	89.64	81.40	93.91	101.05
Exports	94.99	95.38	94.34	88.95	85.72	101.05	113.79
Autos	92.88	96.54	95.87	91.07	73.82	81.28	78.35
Trucks	142.51	156.20	158.07	156.01	151.58	154.11	155.67
Imports	142.71	161.70	164.47	165.77	161.00	157.91	157.42
Autos	141.44	130.02	127.60	109.80	106.93	135.81	146.94
Trucks							
Change in private inventories							
Autos							
New							
Domestic							
Foreign							
Used							
New trucks							
Domestic							
Foreign							
Addenda:							
Final sales of motor vehicles to domestic purchasers ...	130.81	134.54	134.95	128.36	132.86	133.13	130.55
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 ²	100.62	101.35	104.51	95.25	93.79	96.66	98.44
Sales of imported new autos ³	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.

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

	1999	2000	Seasonally adjusted at annual rates					
			2000		2001			
			III	IV	I	II	III	
Percent change at annual rate:								
Gross domestic product.....	4.1	4.1	1.3	1.9	1.3	.3	-1.1	
Percentage points at annual rates:								
Personal consumption expenditures	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	
Gross private domestic investment	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 ¹.....	.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	
Change in private inventories ...	-.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	
Net exports of goods and services	-.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	
Government consumption expenditures and gross investment.....	.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	
Addenda:								
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 ².....	.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	
Percent change at annual rate:								
Personal consumption expenditures	5.0	4.8	4.3	3.1	3.0	2.5	1.1	
Percentage points at annual rates:								
Durable goods	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	
Nondurable goods	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	
Services	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	.10	1.00	.21	
Addenda:								
Energy goods and services ¹.....	.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	
Percent change at annual rate:								
Private fixed investment.....	7.8	7.6	2.5	.5	1.9	-9.7	-6.3	
Percentage points at annual rates:								
Nonresidential.....	6.10	7.36	5.24	.74	-1.11	-11.28	-7.00	
Structures.....	-3.39	1.13	2.58	1.38	2.25	-2.48	-1.88	
Nonresidential buildings, including farm.....	-2.21	.67	.97	.42	.79	-2.79	-3.44	
Utilities.....	.21	.19	.64	1.12	.63	-.26	-1.25	
Mining exploration, shafts, and wells.....	-4.40	.25	.77	-.14	1.00	.66	-.13	
Other structures.....	.01	.02	.20	-.03	-.17	-.09	2.94	
Equipment and software.....	6.49	6.23	2.66	-.64	-2.36	-8.80	-5.12	
Information processing equipment and software.....	4.31	5.07	3.48	3.64	-3.59	-5.44	-2.92	
Computers and peripheral equipment ¹	2.11	2.10	1.82	1.04	-.25	-1.96	-1.47	
Software ²	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	-.14	
Other.....	.11	.43	-.14	-.42	-.26	-.50	.32	
Residential.....	1.70	.22	-2.69	-.27	2.03	1.55	.68	
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	
Equipment.....	.05	.04	.00	.01	.00	.02	-.02	

1. Includes new computers and peripheral equipment only.

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

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

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

	1999	2000	Seasonally adjusted at annual rates					
			2000		2001			
			III	IV	I	II	III	
Percent change at annual rate:								
Exports of goods and services...	3.2	9.5	10.6	-4.0	-1.2	-11.9	-17.7	
Percentage points at annual rates:								
Exports of goods¹.....	2.77	7.93	12.45	-5.05	-1.69	-12.80	-13.84	
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	
Exports of services¹.....	.47	1.57	-1.89	1.03	.51	.87	-3.89	
Percent change at annual rate:								
Imports of goods and services ..	10.5	13.4	13.0	-.5	-5.0	-8.4	-12.9	
Percentage points at annual rates:								
Imports of goods¹.....	10.30	11.42	10.44	-.52	-5.82	-8.11	-7.99	
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	
Imports of services¹.....	.18	1.94	2.53	.01	.74	-.28	-4.90	

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

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

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

	1999	2000	Seasonally adjusted at annual rates					
			2000		2001			
			III	IV	I	II	III	
Percent change at annual rate:								
Government consumption expenditures and gross investment ¹	3.3	2.7	-1.8	3.3	5.3	5.0	.8	
Percentage points at annual rates:								
Federal.....	.75	.58	-3.75	1.52	1.10	.63	.88	
National defense.....	.46	.03	-2.37	2.15	1.61	.51	.56	
Consumption expenditures.....	.27	-.01	-1.90	.77	2.10	.06	.57	
Durable goods ².....	.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 ³	-.23	-.04	.22	-.07	-.26	.03	.28	
Consumption of general government fixed capital ⁴.....	.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	
Nondefense.....	.29	.56	-1.38	-.63	-.52	.12	.33	
Consumption expenditures.....	-.02	.53	-.92	-.74	-.57	.13	-.14	
Durable goods ².....	.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 ³.....	.03	.16	-.92	-.23	.17	.04	.24	
Consumption of general government fixed capital ⁴.....	.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	
State and local.....	2.51	2.08	1.94	1.78	4.21	4.33	-.08	
Consumption expenditures.....	1.54	1.78	1.62	1.57	2.29	2.04	2.25	
Durable goods ².....	.06	.06	.06	.06	.07	.06	.06	
Nondurable goods.....	.34	.38	.32	.34	.39	.39	.38	
Services.....	1.14	1.34	1.24	1.17	1.83	1.58	1.80	
Compensation of general government employees, except own-account investment ³.....	.43	.74	.73	.58	1.10	.91	1.05	
Consumption of general government fixed capital ⁴.....	.29	.29	.28	.28	.28	.28	.27	
Other services.....	.42	.32	.23	.30	.45	.39	.48	
Gross investment.....	.97	.30	.32	.21	1.93	2.29	-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
Current dollars:							
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
Chained (1996) dollars:							
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
Motor vehicle output	353.5	353.0	351.4	332.1	315.5	331.5	336.6
Auto output	124.5	118.5	120.7	108.6	105.5	113.6	114.9
Truck output ¹	229.1	234.5	230.7	223.5	210.0	217.9	221.8
Final sales of domestic product	343.5	346.9	347.3	325.3	339.9	340.5	333.1
Personal consumption expenditures	259.5	277.4	279.9	274.0	288.5	289.4	286.7
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
Private fixed investment	162.2	158.0	158.2	141.0	140.1	138.4	133.6
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
Gross government investment	12.8	13.2	12.6	13.7	13.4	13.3	13.0
Autos	3.9	3.9	4.2	3.9	3.2	4.0	4.1
New trucks	8.9	9.3	8.4	9.8	10.2	9.4	8.8
Net exports	-91.0	-101.7	-103.4	-103.5	-102.2	-100.6	-100.1
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
Change in private inventories	10.1	6.2	4.2	6.9	-24.4	-9.1	3.5
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	.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
Addenda:							
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 ²	116.5	117.5	121.0	109.8	108.0	111.0	112.8
Sales of imported new autos ³	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
Motor vehicle output	356.2	353.8	352.2	333.1	318.1	336.1	340.8
Auto output	128.5	121.6	123.7	111.8	108.5	117.1	119.3
Truck output ¹	227.2	231.5	227.8	220.3	208.7	218.2	220.8
Final sales of domestic product	346.5	348.2	347.7	326.0	342.4	344.7	336.7
Personal consumption expenditures	261.8	278.6	281.0	274.8	287.8	290.0	288.8
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
Private fixed investment	161.4	156.9	156.5	139.8	141.8	140.5	133.6
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
Gross government investment	12.7	12.9	12.3	13.4	13.3	13.3	12.9
Autos	3.8	3.7	4.0	3.7	3.1	3.9	4.1
New trucks	8.9	9.3	8.4	9.7	10.3	9.5	8.8
Net exports	-88.9	-99.4	-101.1	-100.8	-99.4	-98.2	-97.6
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
Change in private inventories	9.6	5.8	4.1	6.4	-22.6	-8.3	3.2
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	.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
Addenda:							
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 ²	117.4	118.3	122.0	111.2	109.5	112.8	114.9
Sales of imported new autos ³	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
Percent change at annual rate:							
Gross domestic purchases	1.5	2.6	2.3	1.7	2.7	1.3	-2
Percentage points at annual rates:							
Personal consumption expenditures.....	1.07	1.76	1.57	1.28	2.12	.89	-2.0
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
Gross private domestic investment	-.03	.19	.31	.11	.01	.06	.00
Fixed investment	-.02	.20	.32	.14	-.05	.09	.01
Nonresidential	-.17	.02	.16	.00	-.24	-.02	-.05
Structures .....	.08	.12	.14	.15	.20	.15	.07
Equipment and software.....	-.25	-.11	.02	-.14	-.44	-.17	-.12
Information processing equipment and software	-.29	-.14	-.06	-.17	-.40	-.20	-.22
Computers and peripheral equipment	-.26	-.15	-.14	-.15	-.38	-.17	-.19
Software ¹.....	.01	.04	.10	.01	.01	.01	-.01
Other	-.03	-.03	-.02	-.03	-.03	-.03	-.02
Industrial equipment.....	.01	.01	.01	.00	.02	.01	-.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
Change in private inventories	-.01	-.01	.00	-.03	.07	-.03	-.01
Farm .....	.00	.00	.00	.00	.00	.00	-.01
Nonfarm	-.01	-.01	.00	-.03	.07	-.03	.00
Government consumption expenditures and gross investment .....	.47	.66	.44	.33	.59	.31	.02
Federal .....	.14	.17	.10	.02	.25	.07	.02
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
State and local .....	.33	.49	.34	.30	.34	.24	.00
Consumption expenditures.....	.28	.42	.29	.26	.26	.21	.00
Gross investment .....	.04	.07	.06	.05	.08	.03	.01
Addenda:							
Final sales of computers ²	-.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.

B. Other NIPA and NIPA-Related Tables

Monthly Estimates

Tables B.1 and B.2 include the most recent estimates of personal income and its components; these estimates were released on December 3, 2001, and include "preliminary" estimates for October 2001 and "revised" estimates for July–September 2001.

Table B.1.—Personal Income

[Billions of dollars; monthly estimates seasonally adjusted at annual rates]

	1999	2000	2000				2001									
			Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July ^r	Aug. ^r	Sep. ^r	Oct. ^p
Personal income	7,777.3	8,319.2	8,423.0	8,478.7	8,513.5	8,566.7	8,604.0	8,640.2	8,676.2	8,697.0	8,709.3	8,737.6	8,768.7	8,775.3	8,773.3	8,770.1
Wage and salary disbursements.....	4,472.2	4,837.2	4,902.6	4,946.1	4,974.0	4,999.4	5,022.7	5,051.8	5,073.8	5,092.8	5,091.7	5,115.0	5,124.4	5,123.7	5,125.6	5,112.5
Private industries	3,747.9	4,068.8	4,128.9	4,170.4	4,197.2	4,222.2	4,238.4	4,262.3	4,281.1	4,296.7	4,292.7	4,311.3	4,316.1	4,311.8	4,308.8	4,291.6
Goods-producing industries.....	1,088.7	1,163.7	1,177.5	1,189.9	1,197.9	1,198.6	1,202.1	1,206.2	1,210.6	1,208.1	1,203.5	1,201.7	1,201.4	1,197.2	1,194.4	1,185.6
Manufacturing	782.0	830.1	840.2	849.3	853.9	853.3	852.6	853.5	853.7	856.8	848.2	845.5	845.7	841.0	837.3	830.5
Distributive industries	1,021.0	1,095.6	1,109.5	1,120.1	1,124.7	1,133.0	1,137.7	1,141.0	1,142.2	1,146.9	1,145.2	1,152.4	1,152.2	1,149.5	1,144.2	1,142.1
Service industries	1,638.2	1,809.5	1,841.9	1,860.4	1,874.6	1,890.6	1,898.6	1,915.0	1,928.3	1,941.7	1,944.0	1,957.2	1,962.5	1,965.1	1,970.2	1,963.8
Government	724.3	768.4	773.7	775.7	776.8	777.1	784.3	789.6	792.7	796.1	799.0	803.7	808.3	811.9	816.8	820.9
Other labor income.....	509.7	534.2	540.5	542.9	544.9	547.0	548.2	549.3	550.3	551.3	552.0	553.3	554.4	555.3	556.4	557.5
Proprietors' income with IVA and CCAAdj	672.0	715.0	720.3	721.7	725.4	728.5	731.7	733.7	740.2	740.0	746.0	750.1	752.5	757.9	748.6	746.2
Farm	26.6	30.6	31.5	31.6	31.7	31.9	30.9	30.2	28.4	29.0	28.8	28.3	29.7	32.3	34.7	31.7
Nonfarm	645.4	684.4	688.8	690.1	693.7	696.6	700.8	703.5	711.8	711.0	717.1	721.8	722.8	725.6	713.9	714.5
Rental income of persons with CCAAdj	147.7	141.6	138.5	139.4	141.4	144.4	141.5	139.6	137.9	138.1	140.3	138.6	142.3	144.0	144.4	145.0
Personal dividend income	343.1	379.2	389.8	393.5	396.7	399.7	402.3	404.8	407.2	409.6	411.9	414.3	416.9	420.1	423.0	425.8
Personal interest income.....	950.0	1,000.6	1,011.3	1,011.8	1,013.1	1,014.4	1,012.7	1,010.8	1,009.1	1,005.1	1,000.7	997.2	994.2	991.2	988.4	986.4
Transfer payments to persons.....	1,019.6	1,069.1	1,080.6	1,086.2	1,082.1	1,098.6	1,115.8	1,122.4	1,131.0	1,134.1	1,140.3	1,143.6	1,158.7	1,157.3	1,160.7	1,169.5
Old-age, survivors, disability, and health insurance benefits.....	588.0	617.3	625.2	623.6	622.3	633.5	646.4	651.7	656.0	658.7	660.7	660.8	672.6	669.2	670.8	673.3
Government unemployment insurance benefits	20.3	20.3	20.4	22.7	20.9	22.7	22.7	22.7	22.8	23.2	23.1	23.0	23.3	24.0	24.3	24.6
Other	411.2	431.5	435.1	440.0	438.9	442.5	446.7	448.0	452.2	452.3	456.4	459.9	462.8	464.2	465.6	471.6
Less: Personal contributions for social insurance	337.1	357.7	360.7	362.9	364.2	365.3	370.7	372.2	373.2	374.0	373.5	374.5	374.7	374.2	374.0	372.7

^p Preliminary.^r Revised.

CCAAdj Capital consumption adjustment.

IVA Inventory valuation adjustment.

Source: U.S. Bureau of Economic Analysis.

Table B.2.—The Disposition of Personal Income

[Monthly estimates seasonally adjusted at annual rates]

	1999	2000	2000				2001									
			Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July ^r	Aug. ^r	Sep. ^p	Oct. ^p
Personal income	7,777.3	8,319.2	8,423.0	8,478.7	8,513.5	8,566.7	8,604.0	8,640.2	8,676.2	8,697.0	8,709.3	8,737.6	8,768.7	8,775.3	8,773.3	8,770.1
Less: Personal tax and nontax payments	1,159.2	1,288.2	1,310.7	1,321.8	1,329.9	1,337.8	1,341.2	1,345.0	1,349.4	1,348.9	1,349.0	1,356.4	1,258.7	1,120.3	1,207.7	1,332.8
Equals: Disposable personal income	6,618.0	7,031.0	7,112.3	7,156.9	7,183.6	7,228.9	7,262.9	7,295.2	7,326.9	7,348.1	7,360.3	7,381.2	7,510.0	7,655.1	7,565.6	7,437.2
Less: Personal outlays	6,457.2	6,963.3	7,082.6	7,089.9	7,114.2	7,141.3	7,200.8	7,217.0	7,230.8	7,254.5	7,280.8	7,309.7	7,326.3	7,335.8	7,215.8	7,418.7
Personal consumption expenditures	6,250.2	6,728.4	6,839.8	6,846.1	6,869.9	6,898.1	6,960.4	6,978.5	6,994.0	7,017.3	7,043.7	7,072.8	7,091.0	7,102.4	6,984.2	7,187.8
Durable goods	760.9	819.6	842.0	824.8	819.1	812.2	832.1	844.4	837.7	840.2	837.6	856.4	853.0	848.0	819.9	932.7
Nondurable goods.....	1,831.3	1,989.6	2,027.1	2,026.6	2,023.5	2,025.3	2,056.2	2,048.6	2,036.5	2,055.3	2,067.6	2,064.0	2,063.3	2,063.8	2,044.8	2,054.2
Services	3,658.0	3,919.2	3,970.7	3,994.8	4,027.3	4,060.6	4,072.1	4,085.4	4,119.8	4,121.8	4,138.5	4,152.3	4,174.8	4,190.6	4,119.5	4,200.9
Interest paid by persons	179.7	205.3	212.7	212.9	213.5	212.3	210.3	208.4	206.7	206.5	206.3	206.2	204.5	202.6	200.9	200.2
Personal transfer payments to the rest of the world (net)	27.2	29.6	30.1	30.8	30.8	30.8	30.1	30.1	30.1	30.8	30.8	30.8	30.7	30.7	30.7	30.7
Equals: Personal saving	160.9	67.7	29.7	67.0	69.4	87.7	62.0	78.2	96.0	93.6	79.5	71.4	183.7	319.3	349.7	18.5
Addenda:																
Disposable personal income:																
Billions of chained (1996) dollars ¹	6,320.0	6,539.2	6,578.7	6,611.3	6,628.8	6,664.7	6,658.8	6,673.4	6,704.9	6,712.4	6,717.7	6,727.4	6,846.0	6,977.5	6,934.7	6,769.8
Per capita:																
Current dollars	23,708	24,889	25,110	25,237	25,308	25,447	25,544	25,636	25,723	25,771	25,788	25,835	26,256	26,732	26,390	25,914
Chained (1996) dollars.....	22,641	23,148	23,226	23,313	23,354	23,461	23,419	23,450	23,539	23,541	23,537	23,546	23,934	24,366	24,189	23,588
Population (thousands) ²	279,144	282,489	283,243	283,590	283,847	284,076	284,332	284,575	284,840	285,130	285,414	285,710	286,032	286,362	286,687	286,999
Personal consumption expenditures:																
Billions of chained (1996) dollars.....	5,968.4	6,257.8	6,326.7	6,324.2	6,339.4	6,359.7	6,381.5	6,383.6	6,400.3	6,410.2	6,428.8	6,446.3	6,464.0	6,473.8	6,401.8	6,542.7
Durable goods	817.8	895.5	923.3	906.3	899.8	892.2	912.7	929.4	925.3	930.1	931.3	952.9	949.7	948.7	920.9	1,046.9
Nondurable goods.....	1,766.4	1,849.9	1,868.3	1,868.4	1,863.9	1,868.0	1,891.2	1,874.8	1,868.1	1,877.1	1,882.1	1,878.8	1,890.4	1,896.3	1,858.6	1,881.2
Services	3,393.2	3,527.7	3,553.9	3,565.4	3,589.7	3,611.4	3,593.6	3,598.0	3,623.7	3,620.7	3,632.7	3,635.8	3,644.2	3,648.7	3,637.6	3,652.9
Implicit price deflator, 1996=100.....	104.72	107.52	108.11	108.25	108.37	108.47	109.07	109.32	109.28	109.47	109.57	109.72	109.70	109.71	109.10	109.86
Personal saving as percentage of disposable personal income	2.4	1.0	0.4	0.9	1.0	1.2	0.9	1.1	1.3	1.3	1.1	1.0	2.4	4.2	4.6	0.2
Percent change from preceding period, monthly changes at monthly rates																
Personal income, current dollars	4.7	7.0	0.5	0.7	0.4	0.6	0.4	0.4	0.4	0.2	0.1	0.3	0.4	0.1	0.0	0.0
Disposable personal income:																
Current dollars	4.1	6.2	0.5	0.6	0.4	0.6	0.5	0.4	0.4	0.3	0.2	0.3	1.7	1.9	-1.2	-1.7
Chained (1996) dollars.....	2.5	3.5	0.1	0.5	0.3	0.5	-0.1	0.2	0.5	0.1	0.1	0.1	1.8	1.9	-0.6	-2.4
Personal consumption expenditures:																
Current dollars	6.7	7.7	1.0	0.1	0.3	0.4	0.9	0.3	0.2	0.3	0.4	0.4	0.3	0.2	-1.7	2.9
Chained (1996) dollars.....	5.0	4.8	0.6	0.0	0.2	0.3	0.3	0.0	0.3	0.2	0.3	0.3	0.3	0.2	-1.1	2.2

^p Preliminary.^r Revised.¹ Equals disposable personal income deflated by the implicit price deflator for personal consumption expenditures.² Population is the total population of the United States, including the Armed Forces overseas and the institutionalized population. The monthly estimate is the average of estimates for the first of the month and the first

of the following month; the annual estimate is the average of the monthly estimates. Beginning with January 1991, first-of-the-month estimates are derived by BEA and are consistent with the 2000 Census of Population. BEA will substitute Bureau of Census population estimates for 1991 forward when they are released in early 2002.

Source: U.S. Bureau of Economic Analysis.

Annual Estimates

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

Table B.3.—Gross Domestic Product by Industry, Current-Dollar and Real Estimates for 1998–2000

	Billions of dollars			Billions of chained (1996) dollars				Billions of dollars			Billions of chained (1996) dollars		
	1998	1999	2000	1998	1999	2000		1998	1999	2000	1998	1999	2000
Gross domestic product	8,781.5	9,268.6	9,872.9	8,508.9	8,856.5	9,224.0	Transportation services	28.0	29.9	32.3	27.8	29.8	30.6
Private industries	7,678.2	8,116.9	8,656.5	7,490.6	7,852.7	8,177.6	Communications	238.5	258.5	281.1	231.2	256.5	283.9
Agriculture, forestry, and fishing	128.0	127.2	135.8	145.5	153.4	166.3	Telephone and telegraph	179.4	196.4	208.9	181.3	208.0	232.5
Farms	80.6	74.3	79.0	100.3	106.0	120.5	Radio and television	59.1	62.1	72.2	50.3	50.3	54.1
Agricultural services, forestry, and fishing	47.4	53.0	56.7	44.4	46.7	47.3	Electric, gas, and sanitary services	204.8	215.6	230.0	193.7	212.9	217.9
Mining	100.2	103.3	127.1	119.7	112.0	95.2	Wholesale trade	607.9	633.5	674.1	663.3	688.8	708.4
Metal mining	5.4	5.0	4.9	7.7	8.2	7.4	Retail trade	790.4	834.9	893.9	800.0	843.7	905.7
Coal mining	10.7	10.6	10.1	11.9	13.5	13.5	Finance, insurance, and real estate	1,708.5	1,810.6	1,936.2	1,622.1	1,713.5	1,809.5
Oil and gas extraction	72.8	76.2	99.5	89.4	79.8	63.4	Depository institutions	300.0	325.6	366.5	256.5	268.1	288.2
Nonmetallic minerals, except fuels	11.3	11.5	12.6	10.9	10.9	12.4	Nondepository institutions	52.8	53.7	59.0	57.3	60.6	66.8
Construction	380.8	425.5	463.6	348.9	370.0	379.3	Security and commodity brokers	143.9	138.8	144.2	163.2	210.0	290.7
Manufacturing	1,431.5	1,496.8	1,566.6	1,444.3	1,532.1	1,594.6	Insurance carriers	150.2	158.3	167.7	135.1	135.2	131.1
Durable goods	830.7	865.7	901.7	892.9	965.1	1,034.1	Insurance agents, brokers, and service	56.4	65.4	67.3	51.8	58.9	60.1
Lumber and wood products	41.9	46.3	44.4	40.1	43.0	44.1	Real estate	981.6	1,051.2	1,116.3	944.9	986.2	1,018.3
Furniture and fixtures	24.3	26.0	26.7	22.9	23.9	24.4	Nonfarm housing services	718.7	764.4	810.5	677.2	701.3	721.1
Stone, clay, and glass products	38.7	42.5	43.9	36.6	38.4	39.7	Other real estate	262.9	286.8	305.8	268.9	286.6	299.3
Primary metal industries	53.1	50.2	52.9	54.5	57.2	57.4	Holding and other investment offices	23.4	17.6	15.4	15.4	10.6	7.4
Fabricated metal products	101.7	107.6	108.7	96.5	98.4	99.6	Services	1,829.9	1,980.9	2,164.6	1,699.0	1,774.8	1,865.2
Industrial machinery and equipment	158.6	157.3	167.6	195.8	214.4	236.0	Hotels and other lodging places	73.5	80.4	86.5	63.3	64.8	67.3
Electronic and other electric equipment	159.2	165.5	181.2	210.8	255.8	327.7	Personal services	57.0	57.4	60.4	53.7	52.6	53.5
Motor vehicles and equipment	111.5	118.9	120.2	111.6	114.7	116.9	Business services	439.8	502.6	571.7	410.7	452.5	490.9
Other transportation equipment	58.4	64.5	62.7	56.7	61.2	55.2	Auto repair, services, and parking	81.0	88.1	93.9	75.1	80.6	83.7
Instruments and related products	57.5	58.8	64.2	49.0	48.2	48.1	Miscellaneous repair services	24.4	25.2	26.7	21.6	20.2	19.6
Miscellaneous manufacturing industries	25.9	28.3	29.1	24.9	26.9	27.7	Motion pictures	29.1	32.0	34.9	28.2	29.2	30.0
Nondurable goods	600.8	631.0	664.8	555.5	574.0	574.0	Amusement and recreation services	70.1	75.1	80.8	65.1	68.3	69.5
Food and kindred products	121.8	132.9	137.0	112.1	117.3	118.2	Health services	491.1	516.3	546.8	460.9	470.5	485.4
Tobacco products	17.3	18.9	22.3	11.9	6.3	6.2	Legal services	116.7	123.0	133.5	107.3	110.4	115.6
Textile mill products	25.8	25.5	24.7	24.1	23.6	24.1	Educational services	67.5	72.1	78.6	61.1	62.4	64.6
Apparel and other textile products	26.0	24.3	23.6	25.2	22.6	22.5	Social services	57.6	61.8	67.5	52.3	53.7	55.5
Paper and allied products	55.7	58.0	59.9	56.2	57.3	50.0	Membership organizations	53.6	58.3	63.5	48.3	48.3	49.6
Printing and publishing	95.6	102.7	105.5	85.6	88.1	86.6	Other services	254.5	275.9	306.2	238.6	250.7	269.3
Chemicals and allied products	164.8	175.1	191.1	155.2	168.7	184.2	Private households	14.0	12.7	13.6	13.3	11.7	12.0
Petroleum and coal products	32.9	30.4	36.5	26.4	34.4	25.5	Statistical discrepancy ¹	-31.0	-72.7	-130.4	-30.1	-69.9	-123.0
Rubber and miscellaneous plastics products	56.8	59.3	60.2	55.6	58.2	59.8	Government	1,103.3	1,151.7	1,216.4	1,047.3	1,060.7	1,085.4
Leather and leather products	4.1	3.9	4.0	3.8	3.7	3.9	Federal	359.9	369.7	387.0	347.6	346.5	353.0
Transportation and public utilities	732.0	776.8	825.0	683.1	737.2	781.5	General government	298.6	308.1	323.8	286.2	285.8	290.1
Transportation	288.7	302.7	313.9	257.9	268.6	281.1	Government enterprises	61.3	61.6	63.2	61.5	60.8	63.1
Railroad transportation	24.3	23.2	22.9	22.8	22.5	23.2	State and local	743.4	782.0	829.5	699.7	714.0	732.2
Local and interurban passenger transit	16.8	17.6	18.7	15.5	16.6	18.2	General government	681.2	716.6	760.4	642.5	653.5	669.0
Trucking and warehousing	114.1	122.0	126.0	95.5	100.3	105.7	Government enterprises	62.2	65.4	69.1	57.3	60.5	63.2
Water transportation	13.6	13.7	14.8	13.2	11.8	11.7	Not allocated by industry ²				-48.9	-110.6	-170.7
Transportation by air	85.8	90.2	93.0	76.8	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

	Billions of dollars			Billions of chained dollars (1996)				Billions of dollars			Billions of chained (1996) dollars		
	1998	1999	2000	1998	1999	2000		1998	1999	2000	1998	1999	2000
Personal consumption expenditures	5,856.0	6,250.2	6,728.4	5,683.7	5,968.4	6,257.8	Personal business	529.8	577.3	638.9	484.4	517.0	554.8
Food and tobacco	906.9	965.5	1,029.5	865.3	889.7	921.6	Brokerage charges and investment counseling (s.)	58.1	68.0	83.9	60.4	75.6	98.0
Food purchased for off-premise consumption (n.d.).....	507.9	536.7	569.6	492.2	511.6	531.0	Bank service charges, trust services, and safe deposit box rental (s.).....	55.7	63.4	68.3	51.6	57.0	58.7
Purchased meals and beverages ¹ (n.d.).....	335.4	353.4	378.0	318.3	327.2	341.1	Services furnished without payment by financial intermediaries except life insurance carriers (s.)	221.2	238.8	265.4	195.6	206.8	222.7
Food furnished to employees (including military) (n.d.).....	8.8	9.1	9.4	8.4	8.5	8.7	Expense of handling life insurance and pension plans ¹⁷ (s.).....	90.9	97.0	104.5	81.7	83.0	83.5
Food produced and consumed on farms (n.d.).....	0.5	0.5	0.5	0.5	0.5	0.5	Legal services (s.).....	58.7	62.4	66.1	54.0	54.7	55.1
Tobacco products (n.d.).....	54.4	65.7	72.1	46.1	43.3	42.8	Funeral and burial expenses (s.).....	16.2	16.4	16.9	14.9	14.6	14.6
Addenda: Food excluding alcoholic beverages (n.d.).....	745.1	786.4	834.2	716.0	741.3	769.0	Other ¹⁸ (s.).....	28.9	31.3	33.7	27.1	28.3	29.4
Alcoholic beverages purchased for off-premise consumption (n.d.).....	62.1	65.9	71.2	60.7	63.1	66.2	Transportation	649.9	711.6	784.9	658.5	708.3	735.5
Other alcoholic beverages (n.d.).....	45.4	47.5	52.1	42.7	43.4	46.2	User-operated transportation.....	599.2	658.9	727.9	609.4	657.2	682.7
Clothing, accessories, and jewelry	367.2	391.0	416.2	375.0	404.9	435.3	New autos (d.).....	87.9	98.0	105.0	88.5	99.5	106.6
Shoes (n.d.).....	42.4	44.8	46.8	42.9	46.5	49.4	Net purchases of used autos (d.).....	54.9	57.6	59.1	57.5	59.7	59.6
Clothing and accessories except shoes ²	242.0	255.8	272.0	247.2	265.3	285.6	Other motor vehicles (d.).....	104.5	124.7	136.5	103.7	122.7	134.3
Women's and children's (n.d.).....	154.6	164.0	175.1	159.4	172.6	186.7	Tires, tubes, accessories, and other parts (d.)...	41.5	44.4	46.3	42.1	45.3	47.1
Men's and boys' (n.d.).....	87.4	91.9	96.9	87.8	92.8	99.0	Repair, greasing, washing, parking, storage, rental, and leasing (s.).....	153.6	163.6	173.4	148.6	155.1	160.1
Standard clothing issued to military personnel (n.d.).....	0.3	0.3	0.3	0.3	0.3	0.3	Gasoline and oil (n.d.).....	114.8	129.5	165.3	131.8	136.7	136.6
Cleaning, storage, and repair of clothing and shoes (s.).....	13.8	14.6	15.0	13.3	13.8	13.8	Bridge, tunnel, ferry, and road tolls (s.).....	4.0	4.2	4.5	3.6	3.7	3.8
Jewelry and watches (d.).....	44.3	48.5	51.4	47.8	53.7	58.5	Insurance ¹⁹ (s.).....	38.0	36.8	37.9	33.6	34.2	34.8
Other ³ (s.).....	24.4	27.0	30.7	23.5	25.6	28.1	Purchased local transportation.....	12.3	12.4	13.0	12.2	12.5	12.8
Personal care	79.9	84.4	90.4	77.6	80.3	84.1	Mass transit systems (s.).....	8.3	8.6	9.0	8.2	8.7	9.0
Toilet articles and preparations (n.d.).....	52.7	55.4	58.5	51.8	53.7	56.0	Taxicab (s.).....	4.1	3.8	3.9	4.0	3.8	3.9
Barbershops, beauty parlors, and health clubs (s.)	27.2	28.9	31.8	25.8	26.7	28.1	Railway intercity transportation.....	38.4	40.3	44.0	36.9	38.6	39.9
Housing	859.7	909.0	958.8	808.7	831.6	850.1	Bus (s.).....	0.7	0.7	0.8	0.7	0.7	0.8
Owner-occupied nonfarm dwellings—space rent ⁴ (s.).....	625.0	664.6	702.7	588.3	609.0	625.3	Airline (s.).....	30.8	32.3	35.8	29.5	31.1	32.6
Tenant-occupied nonfarm dwellings—rent ⁵ (s.).....	194.0	201.3	209.3	182.9	184.3	185.1	Other ²⁰ (s.).....	4.9	5.3	5.1	4.8	5.0	4.6
Rental value of farm dwellings (s.).....	6.7	7.2	7.7	6.0	6.2	6.2	Recreation	489.1	527.9	574.2	506.3	559.6	614.9
Other ⁶ (s.).....	34.0	35.9	39.1	31.4	32.1	33.6	Books and maps (d.).....	28.2	30.7	33.9	27.1	30.1	33.2
Household operation	642.9	676.5	727.4	640.6	676.6	716.0	Magazines, newspapers, and sheet music (n.d.)...	31.0	32.9	36.8	30.1	31.2	34.2
Furniture, including mattresses and bedspreads (d.).....	56.7	60.0	64.1	56.9	60.3	64.7	Nondurable toys and sport supplies (n.d.).....	56.5	60.4	64.6	59.7	67.8	76.7
Kitchen and other household appliances ⁷ (d.).....	32.1	34.1	36.3	32.6	35.5	38.2	Wheel goods, sports and photographic equipment, boats, and pleasure aircraft (d.)...	46.2	50.3	58.3	47.0	52.2	61.2
China, glassware, tableware, and utensils (d.).....	29.1	31.4	33.8	28.8	31.8	34.7	Video and audio goods, including musical instruments, and computer goods (d.).....	90.3	98.0	106.9	121.3	152.6	186.6
Other durable house furnishings ⁸ (d.).....	57.1	61.7	66.1	56.6	62.0	66.9	Video and audio goods, including musical instruments (d.).....	61.6	66.6	72.7	67.4	78.2	91.8
Semidurable house furnishings ⁹ (n.d.).....	34.5	36.8	39.3	36.0	38.9	42.7	Computers, peripherals, and software* (d.).....	28.7	31.4	34.3	60.9	90.9	121.4
Cleaning and polishing preparations, and miscellaneous household supplies and paper products (n.d.).....	53.5	56.6	60.0	52.1	54.2	54.9	Radio and television repair (s.).....	4.1	4.3	4.9	4.0	4.2	4.7
Stationery and writing supplies (n.d.).....	21.3	22.6	24.2	19.8	21.3	23.1	Flowers, seeds, and potted plants (n.d.).....	15.9	16.6	17.5	16.2	17.4	17.5
Household utilities.....	186.2	189.5	207.6	187.0	189.6	193.7	Admissions to specified spectator amusements... ²¹	23.4	25.8	27.3	22.3	23.3	23.2
Electricity (s.).....	96.3	96.4	101.2	99.8	100.6	103.9	Motion picture theaters (s.).....	6.9	7.6	8.1	6.6	6.9	6.8
Gas (s.).....	32.5	33.2	40.2	31.4	31.9	32.8	Legitimate theaters and opera, and entertainments of nonprofit institutions (except athletics) (s.).....	8.7	9.3	9.8	8.3	8.5	8.4
Water and other sanitary services (s.).....	44.2	46.2	48.3	41.7	42.7	43.6	Spectator sports ²² (s.).....	7.7	8.8	9.3	7.4	8.0	8.0
Fuel oil and coal (n.d.).....	13.1	13.6	17.9	14.3	14.6	13.8	Clubs and fraternal organizations ²³ (s.).....	14.9	15.9	16.8	14.2	14.7	15.0
Telephone and telegraph (s.).....	112.9	122.3	131.3	114.2	127.1	141.8	Commercial participant amusements ²⁴ (s.).....	57.3	63.2	69.2	54.9	58.9	62.2
Domestic service (s.).....	16.0	14.9	16.0	15.1	13.7	14.1	Pari-mutuel net receipts (s.).....	4.3	4.5	4.7	4.1	4.2	4.3
Other ¹⁰ (s.).....	43.7	46.6	48.7	41.6	42.8	43.1	Other ²⁴ (s.).....	117.0	125.3	133.4	109.6	114.3	117.7
Medical care	1,041.7	1,100.5	1,173.9	995.2	1,027.8	1,064.2	Education and research	140.2	149.5	159.9	130.7	134.4	137.7
Drug preparations and sundries ¹¹ (n.d.).....	122.1	139.2	155.5	117.7	129.4	139.9	Higher education ²⁵ (s.).....	74.0	77.4	80.6	68.7	69.7	70.1
Ophthalmic products and orthopedic appliances (d.).....	20.6	21.5	21.9	19.9	20.6	20.4	Nursery, elementary, and secondary schools ²⁶ (s.).....	29.9	31.4	32.5	28.0	28.6	28.4
Physicians (s.).....	220.5	231.2	245.6	213.0	218.5	228.2	Other ²⁷ (s.).....	36.3	40.7	46.8	34.0	36.0	39.1
Dentists (s.).....	55.1	58.3	62.1	50.5	51.1	52.0	Religious and welfare activities ²⁸ (s.).....	163.9	173.0	190.3	155.3	157.4	164.8
Other professional services ¹² (s.).....	132.1	138.4	146.4	124.1	128.0	131.9	Foreign travel and other, net	-15.1	-16.0	-15.9	-11.4	-11.6	-7.7
Hospitals and nursing homes ¹³	427.8	446.6	472.4	410.2	419.0	429.3	Foreign travel by U.S. residents ²⁹ (s.).....	68.8	72.3	80.7	69.1	70.9	78.0
Hospitals.....	354.2	370.5	392.7	341.7	350.9	361.6	Expenditures abroad by U.S. residents (n.d.).....	3.1	3.2	3.3	3.5	3.5	4.0
Nonprofit (s.).....	233.0	245.9	259.4	222.4	230.2	236.0	Less: Expenditures in the United States by nonresidents ³⁰ (s.).....	85.4	89.6	97.9	82.4	84.1	87.8
Proprietary (s.).....	41.9	41.6	45.1	41.2	40.2	42.5	Less: Personal remittances in kind to nonresidents (n.d.).....	1.6	1.9	2.0	1.6	1.9	1.9
Government (s.).....	79.3	83.0	88.2	78.1	80.3	83.1	Residual.....	.....	.....	.....	-15.2	-40.9	-75.0
Nursing homes (s.).....	73.7	76.0	79.7	68.4	68.2	67.9							
Health insurance.....	63.6	65.3	70.0	60.0	61.4	62.6							
Medical care and hospitalization ¹⁴ (s.).....	53.9	57.2	61.3	47.9	49.0	50.0							
Income loss ¹⁵ (s.).....	1.4	1.5	1.7	0.9	0.9	1.0							
Workers' compensation ¹⁶ (s.).....	8.3	6.6	7.0	11.4	11.6	11.9							

1. Consists of purchases (including tips) of meals and beverages from retail, service, and amusement establishments, hotels, dining and buffet cars, schools, school fraternities, institutions, clubs, and industrial lunchrooms. Includes meals and beverages consumed both on- and off-premise.

2. Includes luggage.

3. Consists of watch, clock, and jewelry repairs, costume and dress suit rental, and miscellaneous personal services.

4. Consists of rent for space and for heating and plumbing facilities, water heaters, lighting fixtures, kitchen cabinets, linoleum, storm windows and doors, window screens, and screen doors, but excludes rent for appliances and furniture and purchases of fuel and electricity.

5. Consists of space rent (see footnote 4) and rent for appliances, furnishings, and furniture.

6. Consists of transient hotels, motels, clubs, schools, and other group housing.

7. Consists of refrigerators and freezers, cooking ranges, dishwashers, laundry equipment, stoves, room air conditioners, sewing machines, vacuum cleaners, and other appliances.

8. Includes such house furnishings as floor coverings, comforters, quilts, blankets, pillows, picture frames, mirrors, art products, portable lamps, and clocks. Also includes writing equipment and hand, power, and garden tools.

9. Consists largely of textile house furnishings, including piece goods allocated to house furnishing use. Also includes lamp shades, brooms, and brushes.

10. Consists of maintenance services for appliances and house furnishings, moving and warehouse expenses, postage and express charges, premiums for fire and theft insurance on personal property less benefits and dividends, and miscellaneous household operation services.

11. Excludes drug preparations and related products dispensed by physicians, hospitals, and other medical services.

12. Consists of osteopathic physicians, chiropractors, private duty nurses, chiropodists, podiatrists, and others providing health and allied services, not elsewhere classified.

13. Consists of (1) current expenditures (including consumption of fixed capital) of nonprofit hospitals and nursing homes, and (2) payments by patients to proprietary and government hospitals and nursing homes.

14. Consists of (1) premiums, less benefits and dividends, for health, hospitalization, and accidental death and dismemberment insurance provided by commercial insurance carriers, and (2) administrative expenses (including consumption of fixed capital) of nonprofit and self-insured health plans.

15. Consists of premiums, less benefits and dividends, for income loss insurance.

16. Consists of premiums, less benefits and dividends, for privately administered workers' compensation.

17. Consists of (1) operating expenses of commercial life insurance carriers, (2) administrative expenses of private noninsured pension plans and publicly administered government employee retirement plans, and (3) premiums, less benefits and dividends, of fraternal benefit societies. For commercial life insurance carriers, excludes expenses for accident and health insurance and includes profits of stock companies and services furnished without payment by banks, credit agencies, and investment companies. For pension and retirement plans, excludes services furnished without payment by banks, credit agencies, and investment companies.

18. Consists of current expenditures (including consumption of fixed capital) of trade unions and professional associations, employment agency fees, money order fees, spending for classified advertisements, tax return preparation services, and other personal business services.

19. Consists of premiums, less benefits and dividends, for motor vehicle insurance.

20. Consists of baggage charges, coastal and inland waterway fares, travel agents' fees, and airport bus fares.

21. Consists of admissions to professional and amateur athletic events and to racetracks.

22. Consists of dues and fees excluding insurance premiums.

23. Consists of billiard parlors; bowling alleys; dancing, riding, shooting, skating, and swimming places; amusement devices and parks; golf courses; sightseeing buses and guides; private flying operations; casino gambling; and other commercial participant amusements.

24. Consists of net receipts of lotteries and expenditures for purchases of pets and pet care services, cable TV, film processing, photographic studios, sporting and recreation camps, video cassette rentals, and recreational services, not elsewhere classified.

25. For private institutions, equals current expenditures (including consumption of fixed capital) less receipts—such as those from meals, rooms, and entertainments—accounted for separately in consumer expenditures, and less expenditures for research and development financed under contracts or grants.

26. For private institutions, equals current expenditures (including consumption of fixed capital) less receipts—such as those from meals, rooms, and entertainments—accounted for separately in consumer expenditures. For government institutions, equals student payments of tuition. Excludes child day care services, which are included in religious and welfare activities.

27. Consists of (1) fees paid to commercial, business, trade, and correspondence schools and for educational services, not elsewhere classified, and (2) current expenditures (including consumption of fixed capital) by research organizations and foundations for education and research.

28. For nonprofit institutions, equals current expenditures (including consumption of fixed capital) of religious, social welfare, foreign relief, and political organizations, museums, libraries, and foundations. The expenditures are net of receipts—such as those from meals, rooms, and entertainments—accounted for separately in consumer expenditures, and excludes relief payments within the United States and expenditures by foundations for education and research. For proprietary and government institutions, equals receipts from users.

29. Beginning with 1981, includes U.S. students' expenditures abroad; these expenditures were \$0.3 billion in 1981.

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

	Billions of dollars			Billions of chained (1996) dollars		
	1998	1999	2000	1998	1999	2000
Private fixed investment in structures	638.5	678.2	729.2	599.0	616.0	634.5
Nonresidential	282.4	283.5	313.6	262.2	256.9	272.8
New.....	281.7	282.9	312.8	261.5	256.2	272.0
Nonresidential buildings, excluding farm.....	197.2	201.9	221.8	184.3	181.0	190.4
Industrial.....	35.6	28.7	30.2	33.3	25.8	26.0
Commercial.....	100.7	110.1	123.9	94.1	98.7	106.4
Office buildings ¹	49.1	55.4	64.8	45.9	49.6	55.6
Other ²	51.6	54.7	59.1	48.2	49.1	50.8
Religious.....	6.4	7.2	7.9	6.0	6.4	6.7
Educational.....	10.9	10.4	12.4	10.2	9.3	10.7
Hospital and institutional.....	15.4	15.1	16.2	14.4	13.5	13.9
Other ³	28.2	30.4	31.2	26.3	27.2	26.8
Utilities.....	44.2	47.2	51.7	42.7	45.7	48.5
Railroads.....	5.7	4.7	4.2	5.5	4.7	4.2
Telecommunications.....	12.3	18.3	18.8	12.1	18.1	18.4
Electric light and power.....	12.5	14.7	21.3	12.0	14.0	19.5
Gas.....	12.4	8.1	6.4	11.9	7.6	5.7
Petroleum pipelines.....	1.3	1.5	1.0	1.2	1.4	0.9
Farm.....	4.3	5.0	5.2	4.0	4.5	4.4
Mining exploration, shafts, and wells... ..	30.2	22.6	27.6	25.1	20.0	23.5
Petroleum and natural gas.....	28.9	21.4	25.9	23.9	18.9	22.0
Other.....	1.3	1.2	1.6	1.2	1.1	1.4
Other ⁴	5.9	6.2	6.6	5.6	5.7	5.9
Brokers' commissions on sale of structures.....	2.3	2.4	2.6	2.2	2.2	2.4
Net purchases of used structures.....	-1.7	-1.8	-1.9	-1.6	-1.6	-1.6
Residential	356.1	394.7	415.6	336.8	359.3	361.8
New.....	310.4	344.4	363.4	292.4	311.6	314.6
New housing units.....	224.9	250.1	259.6	211.6	225.6	223.8
Permanent site.....	210.4	236.1	248.8	197.5	212.2	213.4
Single-family structures.....	185.8	208.6	220.7	175.9	188.9	190.9
Multifamily structures.....	24.6	27.4	28.1	21.7	23.4	22.7
Manufactured homes.....	14.5	14.1	10.9	14.1	13.3	10.1
Improvements.....	84.5	93.0	102.4	79.9	84.9	89.6
Other ⁵	1.0	1.3	1.4	0.9	1.2	1.2
Brokers' commissions on sale of structures.....	48.8	53.7	55.4	47.4	50.9	50.1
Net purchases of used structures.....	-3.0	-3.4	-3.2	-2.9	-3.1	-2.8
Residual.....	.....	.....	.....	-0.3	-1.0	-1.0

1. Consists of office buildings, except those constructed at industrial sites and those constructed by utilities for their own use.

2. Consists of stores, restaurants, garages, service stations, warehouses, mobile structures, and other buildings used for commercial purposes.

3. Consists of hotels and motels, buildings used primarily for social and recreational activities, and buildings not elsewhere classified, such as passenger terminals, greenhouses, and animal hospitals.

4. Consists primarily of streets, dams and reservoirs, sewer and water facilities, parks, and airfields.

5. Consists primarily of dormitories and of fraternity and sorority houses.

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

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

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

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

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

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

n.e.c. Not elsewhere classified.

Table B.8.—Employment by Industry
[Thousands]

	Full-time and part-time employees			Persons engaged in production ¹				Full-time and part-time employees			Persons engaged in production ¹		
	1998	1999	2000	1998	1999	2000		1998	1999	2000	1998	1999	2000
Total	133,456	136,368	139,350	129,742	132,204	134,917							
Domestic industries	133,968	136,872	139,861	130,181	132,636	135,355							
Private industries	111,706	114,333	116,865	111,577	113,897	116,253							
Agriculture, forestry, and fishing	2,188	2,294	2,321	3,345	3,389	3,338							
Farms.....	880	923	890	1,705	1,693	1,635							
Agricultural services, forestry, and fishing.....	1,308	1,371	1,431	1,640	1,696	1,703							
Mining	594	540	541	602	545	546							
Metal mining.....	49	44	40	49	45	42							
Coal mining.....	93	87	79	93	86	77							
Oil and gas extraction.....	340	296	308	349	304	315							
Nonmetallic minerals, except fuels.....	112	113	114	111	110	112							
Construction	6,296	6,704	7,007	7,602	8,023	8,368							
Manufacturing	18,923	18,669	18,571	18,933	18,659	18,511							
Durable goods.....	11,270	11,177	11,185	11,349	11,222	11,220							
Lumber and wood products.....	840	857	849	896	915	899							
Furniture and fixtures.....	534	550	559	543	562	570							
Stone, clay, and glass products.....	566	572	583	569	573	581							
Primary metal industries.....	715	698	700	711	697	696							
Fabricated metal products.....	1,517	1,529	1,544	1,514	1,517	1,537							
Industrial machinery and equipment.....	2,211	2,142	2,122	2,211	2,136	2,109							
Electronic and other electric equipment.....	1,710	1,670	1,719	1,700	1,656	1,705							
Motor vehicles and equipment.....	997	1,023	1,021	995	1,018	1,019							
Other transportation equipment.....	900	874	836	903	872	834							
Instruments and related products.....	873	854	845	865	841	838							
Miscellaneous manufacturing industries.....	407	408	407	442	435	432							
Nondurable goods.....	7,653	7,492	7,386	7,584	7,437	7,291							
Food and kindred products.....	1,695	1,696	1,699	1,673	1,679	1,674							
Tobacco products.....	40	37	35	39	36	34							
Textile mill products.....	597	560	533	598	556	535							
Apparel and other textile products.....	769	697	641	774	708	617							
Paper and allied products.....	679	669	656	672	664	650							
Printing and publishing.....	1,593	1,575	1,569	1,577	1,556	1,544							
Chemicals and allied products.....	1,040	1,037	1,039	1,026	1,026	1,030							
Petroleum and coal products.....	135	131	126	134	131	125							
Rubber and miscellaneous plastics products.....	1,018	1,011	1,016	1,006	1,001	1,006							
Leather and leather products.....	87	79	72	85	80	76							
Transportation and public utilities	6,679	6,898	7,114	6,655	6,852	7,016							
Transportation.....	4,341	4,482	4,589	4,437	4,569	4,641							
Railroad transportation.....	223	223	213	211	211	202							
Local and interurban passenger transit.....	473	489	500	486	503	503							
Trucking and warehousing ²	1,777	1,848	1,885	1,954	2,020	2,041							
Public utilities.....													
Wholesale trade	6,918	6,995	7,113	6,923	7,018	7,107							
Retail trade	22,991	23,542	24,060	20,407	20,954	21,432							
Finance, insurance, and real estate	7,533	7,713	7,758	7,631	7,817	7,855							
Depository institutions.....	2,046	2,049	2,038	1,933	1,928	1,906							
Nondepository institutions.....	662	708	686	643	690	667							
Security and commodity brokers.....	681	728	797	732	797	873							
Insurance carriers.....	1,574	1,608	1,588	1,501	1,526	1,500							
Insurance agents, brokers, and service.....	788	795	802	881	873	895							
Real estate.....	1,532	1,567	1,583	1,704	1,759	1,766							
Holding and other investment offices.....	250	258	264	237	244	248							
Services	39,584	40,978	42,380	39,479	40,640	42,080							
Hotels and other lodging places.....	1,869	1,934	1,979	1,697	1,758	1,816							
Personal services.....	1,339	1,363	1,387	1,803	1,831	1,879							
Business services.....	8,779	9,437	10,074	8,987	9,566	10,222							
Auto repair, services, and parking.....	1,273	1,326	1,368	1,520	1,557	1,591							
Miscellaneous repair services.....	395	391	382	591	553	539							
Motion pictures.....	592	612	609	644	659	652							
Amusement and recreation services.....	1,728	1,783	1,858	1,496	1,547	1,637							
Health services.....	10,222	10,356	10,485	9,526	9,644	9,772							
Legal services.....	1,114	1,142	1,164	1,225	1,219	1,223							
Educational services.....	2,271	2,355	2,447	2,100	2,169	2,269							
Social services and membership organizations.....	5,195	5,388	5,583	5,025	5,189	5,356							
Social services.....	2,751	2,859	2,992	2,993	3,086	3,201							
Membership organizations.....	2,444	2,529	2,591	2,032	2,103	2,155							
Other services ³	3,527	3,640	3,836	3,983	4,086	4,291							
Private households.....	1,280	1,251	1,208	882	862	833							
Government	22,262	22,539	22,996	18,604	18,739	19,102							
Federal.....	5,194	5,139	5,235	4,207	4,164	4,262							
General government.....	4,200	4,147	4,260	3,416	3,370	3,478							
Civilian.....	1,878	1,856	1,976	1,845	1,821	1,931							
Military ⁴	2,322	2,291	2,284	1,571	1,549	1,547							
Government enterprises.....	994	992	975	791	794	784							
State and local.....	17,068	17,400	17,761	14,397	14,575	14,840							
General government.....	16,227	16,546	16,891	13,528	13,699	13,953							
Education.....	8,928	9,148	9,382	7,226	7,359	7,556							
Other.....	7,299	7,398	7,509	6,302	6,340	6,397							
Government enterprises.....	841	854	870	869	876	887							
Rest of the world ⁵	-512	-504	-511	-439	-432	-438							

1. Equals the number of full-time equivalent employees plus the number of self-employed persons. Unpaid family workers are not included.

2. Reflects the reclassification of air couriers from trucking and warehousing to transportation by air.

3. Consists of museums, botanical and zoological gardens; engineering and management services; and services, not elsewhere classified.

4. Includes Coast Guard.

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

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

Table B.9.—Wage and Salary Accruals Per Full-Time Equivalent Employee and Full-Time Equivalent Employees by Industry

	Wage and salary accruals per full-time equivalent			Full-time equivalent employees ¹				Wage and salary accruals per full-time equivalent			Full-time equivalent employees ¹		
	1998	1999	2000	1998	1999	2000		1998	1999	2000	1998	1999	2000
Total	35,109	36,675	38,706	119,401	122,083	124,973							
Domestic industries	35,023	36,587	38,612	119,840	122,515	125,411							
Private industries	34,616	36,215	38,322	101,236	103,776	106,309							
Agriculture, forestry, and fishing	20,625	21,168	21,922	1,979	2,062	2,075							
Farms	21,476	20,832	21,995	754	791	763							
Agricultural services, forestry, and fishing	20,100	21,378	21,880	1,225	1,271	1,312							
Mining	52,460	55,372	58,896	582	529	530							
Metal mining	50,571	55,432	53,850	49	44	40							
Coal mining	51,011	51,376	53,065	91	85	77							
Oil and gas extraction	56,811	61,476	66,934	333	290	302							
Nonmetallic minerals, except fuels	41,229	42,345	42,892	109	110	111							
Construction	34,638	36,140	37,896	6,073	6,468	6,777							
Manufacturing	40,831	42,832	45,704	18,502	18,273	18,163							
Durable goods	42,607	44,850	47,974	11,094	11,003	11,010							
Lumber and wood products	28,258	29,009	30,018	817	843	827							
Furniture and fixtures	28,862	29,653	30,707	522	539	547							
Stone, clay, and glass products	36,923	38,616	40,685	558	562	572							
Primary metal industries	42,817	44,579	45,473	710	692	694							
Fabricated metal products	36,299	37,140	38,322	1,493	1,508	1,523							
Industrial machinery and equipment	46,215	49,666	54,831	2,176	2,103	2,083							
Electronic and other electric equipment	45,727	50,370	57,325	1,690	1,647	1,699							
Motor vehicles and equipment	52,184	53,877	55,285	988	1,016	1,014							
Other transportation equipment	48,627	50,084	51,896	892	866	828							
Instruments and related products	51,420	55,006	59,059	859	836	833							
Miscellaneous manufacturing industries	31,851	33,217	34,723	389	391	390							
Nondurable goods	38,172	39,776	42,211	7,408	7,270	7,153							
Food and kindred products	33,401	34,150	36,018	1,649	1,657	1,660							
Tobacco products	56,103	60,222	68,353	39	36	34							
Textile mill products	27,323	28,451	29,440	591	552	527							
Apparel and other textile products	22,126	23,332	25,254	744	675	598							
Paper and allied products	43,197	44,900	46,519	671	661	648							
Printing and publishing	39,323	41,080	43,258	1,477	1,465	1,463							
Chemicals and allied products	60,391	62,953	68,239	1,021	1,023	1,025							
Petroleum and coal products	63,722	63,738	64,512	133	130	125							
Rubber and miscellaneous plastics products	33,557	34,462	35,590	999	995	1,002							
Leather and leather products	25,940	27,961	29,620	84	76	71							
Transportation and public utilities	42,808	45,453	47,347	6,226	6,424	6,617							
Transportation	35,924	37,210	38,450	4,038	4,169	4,267							
Railroad transportation	59,725	60,616	61,520	211	211	202							
Local and interurban passenger transit	22,086	22,774	23,781	432	447	457							
Trucking and warehousing ²	32,948	33,970	35,031	1,660	1,726	1,760							
Water transportation	42,260	43,108	44,724	173	176	181							
Transportation by air ³	40,402	42,523	43,864	1,117	1,159	1,206							
Pipelines, except natural gas	64,923	65,154	66,462	13	13	13							
Transportation services	34,581	36,178	38,527	432	437	448							
Communications	55,855	62,342	64,155	1,341	1,406	1,507							
Telephone and telegraph	58,960	66,090	67,799	950	1,003	1,082							
Radio and television	48,309	53,015	54,878	391	403	425							
Electric, gas, and sanitary services	54,969	57,962	62,333	847	849	843							
Wholesale trade	43,604	45,980	48,731	6,622	6,728	6,827							
Retail trade	20,603	21,447	22,260	19,053	19,609	20,199							
Finance, insurance, and real estate	52,415	55,391	60,348	7,022	7,155	7,163							
Depository institutions	41,492	43,364	44,439	1,929	1,922	1,903							
Nondepository institutions	52,326	52,046	55,056	628	668	645							
Security and commodity brokers	129,678	139,438	156,964	646	687	749							
Insurance carriers	48,961	50,878	53,675	1,501	1,526	1,500							
Insurance agents, brokers, and service	43,120	45,361	48,020	740	743	746							
Real estate	34,649	36,488	39,116	1,341	1,365	1,372							
Holding and other investment offices	82,384	87,152	99,310	237	244	248							
Services	32,730	34,238	36,419	35,177	36,528	37,958							
Hotels and other lodging places	22,629	23,601	24,605	1,643	1,709	1,757							
Personal services	20,313	21,025	21,835	1,175	1,204	1,228							
Business services	32,340	35,231	38,618	8,168	8,786	9,426							
Auto repair, services, and parking	24,902	25,686	26,779	1,212	1,269	1,315							
Miscellaneous repair services	31,565	32,475	34,228	368	366	359							
Motion pictures	41,011	40,781	43,423	467	485	485							
Amusement and recreation services	27,167	28,478	29,356	1,394	1,449	1,532							
Health services	36,789	37,776	39,269	9,127	9,254	9,389							
Legal services	60,232	62,580	67,402	991	1,016	1,036							
Educational services	27,115	28,042	29,356	1,991	2,068	2,152							
Social services and membership organizations	21,131	21,968	23,193	4,462	4,641	4,824							
Social services	19,656	20,231	21,141	2,430	2,538	2,669							
Membership organizations	22,896	24,064	25,735	2,032	2,103	2,155							
Other services ⁵	51,544	53,941	57,422	3,297	3,419	3,622							
Private households	15,465	14,374	15,887	882	862	833							
Government	37,235	38,650	40,228	18,604	18,739	19,102							
Federal	42,666	44,287	45,887	4,207	4,164	4,262							
General government	41,719	43,522	44,512	3,416	3,370	3,478							
Civilian	47,487	49,766	50,050	1,845	1,821	1,931							
Military ⁴	34,945	36,181	37,601	1,571	1,549	1,547							
Government enterprises	46,755	47,533	51,987	791	794	784							
State and local	35,648	37,040	38,603	14,397	14,575	14,840							
General government	35,517	36,902	38,453	13,528	13,699	13,953							
Education	35,346	36,620	37,968	7,226	7,359	7,556							
Other	35,713	37,228	39,025	6,302	6,340	6,397							
Government enterprises	37,684	39,208	40,967	869	876	887							
Rest of the world⁶ .....	.....	.....	.....	-439	-432	-438							

1. Full-time equivalent employees equals the number of employees on full-time schedules plus the number of employees on part-time schedules converted to a full-time basis. The number of full-time equivalent employees in each industry is the product of the total number of employees and the ratio of average weekly hours per employee for all employees to average weekly hours per employee on full-time schedules.

2. Reflects the reclassification of air couriers from trucking and warehousing to transportation by air.

3. Consists of museums, botanical and zoological gardens; engineering and management services; and

services, not elsewhere classified.

4. Includes Coast Guard.

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

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

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

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

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

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

	Billions of dollars			Billions of chained (1996) dollars		
	1998	1999	2000	1998	1999	2000
Housing output ¹	825.8	873.1	919.6	777.2	799.5	816.6
Nonfarm housing	819.0	865.9	912.0	771.2	793.3	810.4
Owner-occupied	625.0	664.6	702.7	588.3	609.0	625.3
Tenant-occupied	194.0	201.3	209.3	182.9	184.3	185.1
Farm housing	6.7	7.2	7.7	6.0	6.2	6.2
Less: Intermediate goods and services consumed	114.5	116.1	116.4	107.4	105.3	102.3
Equals: Gross housing product	711.3	757.1	803.2	669.8	694.2	714.3
Nonfarm housing	705.6	751.1	796.9	664.7	689.1	709.3
Owner-occupied	535.6	575.1	613.6	504.2	527.7	547.4
Tenant-occupied	170.0	176.0	183.4	160.5	161.4	161.9
Farm housing	5.6	5.9	6.3	5.1	5.1	5.1
Less: Consumption of fixed capital	133.1	143.4	153.6	125.8	130.1	133.5
Capital consumption allowances	71.9	77.4	81.8	.....	.....	.....
Less: Capital consumption adjustment	-61.2	-66.0	-71.8	.....	.....	.....
Equals: Net housing product	578.1	613.6	649.6	544.0	564.1	580.8
Less: Indirect business tax and nontax liability plus business transfer payments	130.5	135.8	140.8	.....	.....	.....
Plus: Subsidies less current surplus of government enterprises	24.1	23.8	23.8	.....	.....	.....
Equals: Housing national income	471.8	501.6	532.6	.....	.....	.....
Compensation of employees	9.6	10.0	10.9	.....	.....	.....
Proprietors' income with inventory valuation and capital consumption adjustments	20.6	18.9	17.6	.....	.....	.....
Rental income of persons with capital consumption adjustment	121.0	130.0	123.8	.....	.....	.....
Corporate profits with inventory valuation and capital consumption adjustments	4.4	4.1	4.3	.....	.....	.....
Net interest	316.2	338.6	376.0	.....	.....	.....

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

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

Table B.12.—Net Stock of Private Fixed Assets; Equipment, Software, and Structures; by Type

[Yearend estimates]

	Current-cost valuation (Billions of dollars)						Chain-type quantity indexes (1996=100)					
	1995	1996	1997	1998	1999	2000	1995	1996	1997	1998	1999	2000
Private fixed assets	15,908.5	16,722.5	17,653.1	18,649.6	19,767.3	21,164.8	97.30	100.00	102.96	106.36	109.92	113.67
Equipment and software	3,243.8	3,416.3	3,585.3	3,779.2	4,029.0	4,319.0	94.93	100.00	105.94	113.09	121.05	129.76
Nonresidential equipment and software	3,182.8	3,352.2	3,519.8	3,711.6	3,959.2	4,245.4	94.90	100.00	105.98	113.19	121.22	129.98
Information processing equipment and software	850.2	906.0	974.8	1,035.9	1,128.7	1,261.6	90.81	100.00	111.57	126.01	142.08	161.68
Computers and peripheral equipment	93.6	101.5	112.2	117.5	136.8	163.1	71.80	100.00	142.35	201.39	280.49	382.45
Software ¹	158.3	173.7	200.7	236.4	278.1	325.9	89.64	100.00	116.25	137.85	159.48	181.47
Communication equipment	344.3	363.8	388.2	399.9	425.6	475.6	93.40	100.00	108.02	118.26	131.54	151.03
Instruments	165.1	175.0	181.9	191.3	200.3	210.6	95.07	100.00	104.07	109.35	114.71	119.88
Photocopy and related equipment	68.8	71.5	70.2	69.2	66.6	65.7	99.22	100.00	99.34	99.11	95.18	92.15
Office and accounting equipment	20.1	20.5	21.6	21.5	21.3	20.7	97.17	100.00	105.39	106.55	104.45	102.82
Industrial equipment	1,075.1	1,119.1	1,156.9	1,199.5	1,239.4	1,288.1	97.07	100.00	102.97	106.11	109.13	113.20
Fabricated metal products	95.6	98.7	98.6	99.3	99.9	100.9	98.06	100.00	100.28	101.26	102.57	103.81
Engines and turbines	55.8	57.3	58.5	59.3	61.3	64.5	99.35	100.00	100.11	100.99	102.69	108.48
Steam engines	49.5	50.4	51.2	51.5	52.8	55.7	99.89	100.00	99.28	99.44	100.32	106.41
Internal combustion engines	6.4	6.9	7.3	7.8	8.5	8.8	95.40	100.00	106.25	112.51	120.24	123.85
Metalworking machinery	209.2	219.2	227.8	237.8	246.1	254.9	96.54	100.00	103.54	107.42	110.69	114.06
Special industry machinery, n.e.c.	240.5	253.1	262.1	274.3	285.2	303.3	96.72	100.00	103.09	106.33	109.60	116.07
General industrial, including materials handling, equipment	225.3	234.9	243.0	253.1	260.2	268.6	97.21	100.00	102.69	105.84	108.26	111.15
Electrical transmission, distribution, and industrial apparatus	248.7	255.9	266.8	275.6	286.8	295.9	96.87	100.00	104.29	108.04	112.13	116.14
Transportation equipment	650.5	690.4	716.5	764.2	840.4	905.1	95.20	100.00	104.95	111.35	120.89	128.16
Trucks, buses, and truck trailers	234.1	260.8	283.0	321.8	370.9	404.8	89.85	100.00	111.12	125.02	142.24	155.01
Autos	150.0	159.0	159.9	157.8	161.2	162.8	95.59	100.00	101.49	100.75	102.63	103.14
Aircraft	143.6	147.1	149.6	158.5	177.8	203.1	100.14	100.00	101.56	106.89	117.15	126.64
Ships and boats	45.9	46.5	46.9	46.9	48.1	50.0	101.57	100.00	99.16	98.31	98.75	99.62
Railroad equipment	76.9	77.1	77.1	79.1	82.3	84.4	99.38	100.00	101.34	103.91	107.43	109.51
Other equipment	607.1	636.8	671.6	712.0	750.6	790.6	96.73	100.00	104.58	110.18	115.22	120.50
Furniture and fixtures	169.7	178.2	189.3	200.4	214.2	230.3	96.85	100.00	104.92	111.13	117.88	125.53
Household furniture	8.8	9.0	9.1	9.3	9.6	10.0	99.46	100.00	100.37	102.37	105.63	109.85
Other furniture	160.9	169.2	180.2	191.1	204.6	220.3	96.71	100.00	105.16	111.59	118.53	126.35
Tractors	57.9	59.3	63.4	67.8	69.7	72.0	98.45	100.00	106.36	112.79	115.39	119.03
Farm tractors	47.6	48.6	51.7	54.9	55.5	57.3	98.53	100.00	105.88	111.71	112.85	116.29
Construction tractors	10.3	10.6	11.7	13.0	14.2	14.7	98.06	100.00	108.56	117.67	126.72	131.26
Agricultural machinery, except tractors	72.6	74.9	77.2	79.9	79.9	80.7	98.44	100.00	102.00	104.37	103.19	103.31
Construction machinery, except tractors	76.8	82.1	87.2	94.0	100.8	103.2	95.48	100.00	104.53	110.53	116.37	118.38
Mining and oilfield machinery	16.5	16.6	18.1	19.3	21.4	25.0	101.57	100.00	106.90	113.17	123.36	141.17
Service industry machinery	64.6	68.8	72.1	75.6	78.8	81.7	95.61	100.00	103.57	107.69	111.86	115.54
Electrical equipment, n.e.c.	43.4	44.7	46.9	50.9	53.9	57.4	96.01	100.00	106.49	116.43	125.44	134.96
Household appliances	2.9	2.9	2.8	2.9	2.9	2.9	100.22	100.00	99.49	100.73	102.01	104.26
Other	40.5	41.9	44.1	48.0	51.1	54.4	95.72	100.00	106.97	117.51	127.06	137.08
Other nonresidential equipment	105.5	112.2	117.4	124.2	132.0	140.3	95.68	100.00	104.39	109.56	115.03	120.86
Residential equipment	61.0	64.1	65.5	67.6	69.9	73.6	96.41	100.00	103.62	107.61	112.42	117.90
Structures	12,664.6	13,306.3	14,067.9	14,870.4	15,738.3	16,845.8	97.92	100.00	102.21	104.70	107.25	109.89
Nonresidential structures	4,941.4	5,175.0	5,487.0	5,746.2	6,027.6	6,448.2	98.31	100.00	102.04	104.33	106.43	108.79
Nonresidential buildings, excluding farm	3,125.1	3,285.6	3,498.9	3,740.8	3,986.0	4,287.6	97.71	100.00	102.71	105.66	108.42	111.44
Industrial buildings	700.4	729.2	765.4	806.4	839.5	881.2	98.67	100.00	101.24	102.57	102.83	103.15
Office buildings ²	723.1	756.3	804.9	865.5	931.3	1,015.7	98.17	100.00	102.63	106.13	109.95	114.59
Commercial buildings	796.6	843.8	902.7	965.3	1,031.4	1,111.2	96.99	100.00	103.19	106.22	109.28	112.49
Mobile structures	8.3	8.6	8.9	9.3	9.9	10.4	97.98	100.00	102.63	106.13	109.34	112.96
Other commercial ³	788.4	835.2	893.7	956.0	1,021.4	1,100.8	96.98	100.00	103.20	106.22	109.28	112.49
Religious buildings	140.2	145.7	153.9	163.5	173.9	186.5	98.82	100.00	101.88	104.09	106.57	109.21
Educational buildings	129.2	137.9	149.7	163.7	177.2	194.6	96.23	100.00	104.61	110.04	114.76	120.36
Hospital and institutional buildings	311.9	327.7	348.7	371.1	393.3	420.3	97.81	100.00	102.61	105.08	107.25	109.51
Other	323.7	345.1	373.6	405.3	439.3	478.1	96.46	100.00	104.49	109.23	114.11	118.72
Hotels and motels	164.1	177.5	194.8	215.3	237.3	261.8	95.07	100.00	105.90	112.59	119.40	125.86
Amusement and recreational buildings	86.6	92.7	101.0	109.8	119.3	129.5	96.01	100.00	105.11	109.88	114.96	119.20
Other nonfarm buildings ⁴	73.0	75.0	77.7	80.3	82.8	86.8	100.32	100.00	100.35	100.42	100.44	101.07
Utilities	1,190.2	1,229.0	1,264.7	1,283.0	1,311.0	1,368.0	99.13	100.00	100.87	102.20	103.65	105.12
Railroad	287.5	299.2	301.2	295.4	287.0	286.7	100.62	100.00	99.54	99.33	98.67	98.03
Telecommunications	219.3	235.3	239.5	243.0	253.1	268.9	97.93	100.00	102.15	104.16	108.58	112.93
Electric light and power	478.0	483.4	503.9	512.7	528.9	558.8	99.19	100.00	101.01	101.85	103.03	104.79
Gas	163.7	168.9	176.7	187.6	196.2	206.0	97.83	100.00	101.34	105.96	107.90	108.70
Petroleum pipelines	41.7	42.1	43.4	44.3	45.9	47.7	99.97	100.00	99.85	100.34	101.25	100.98
Farm related buildings and structures	200.0	204.4	210.7	218.1	225.0	235.1	100.53	100.00	99.42	99.00	98.37	98.19
Mining exploration, shafts, and wells	287.3	311.2	360.8	347.4	342.4	383.9	100.06	100.00	101.65	102.77	102.23	102.74
Petroleum and natural gas	254.5	277.4	325.5	311.2	305.3	345.2	100.12	100.00	101.82	103.17	102.74	103.34
Other mining	32.8	33.8	35.2	36.2	37.1	38.7	99.54	100.00	100.25	99.25	97.93	97.64
Other nonfarm structures ⁵	138.7	144.8	152.1	156.9	163.2	173.5	98.20	100.00	101.40	102.97	104.62	106.35
Residential structures	7,723.3	8,131.2	8,580.8	9,124.2	9,710.7	10,397.6	97.67	100.00	102.31	104.95	107.77	110.60
Housing units	6,301.5	6,624.6	6,995.2	7,449.5	7,928.8	8,484.6	97.75	100.00	102.25	104.85	107.65	110.37
Permanent site	6,169.1	6,483.0	6,845.0	7,289.1	7,758.1	8,308.6	97.80	100.00	102.19	104.75	107.51	110.25
1-to-4-unit	5,383.9	5,663.1	5,959.4	6,334.9	6,739.6	7,265.4	97.59	100.00	102.38	105.18	108.19	111.18
5-or-more-unit	785.2	819.9	885.6	954.2	1,018.5	1,043.2	99.23	100.00	100.94	101.92	103.10	104.19
Manufactured homes	132.4	141.6	150.2	160.4	170.7	176.0	95.46	100.00	104.68	109.71	113.98	115.83
Improvements	1,392.8	1,477.1	1,555.1	1,642.9	1,748.4	1,877.3	97.25	100.00	102.65	105.40	108.39	111.66
Other residential ⁶	28.9	29.6	30.5	31.9	33.5	35.7	100.33	100.00	100.33			

C. Historical Measures

This table is derived from the "GDP and Other Major NIPA Series" tables that were published in the August 2001 issue of the SURVEY OF CURRENT BUSINESS and from the "Selected NIPA Tables" that are published in this issue. (Changes in prices are calculated from indexes expressed to three decimal places.)

Table C.1.—GDP and Other Major NIPA Aggregates

[Quarterly estimates are seasonally adjusted at annual rates]

Year and quarter	Billions of chained (1996) dollars			Percent change from preceding period		Chain-type price indexes		Implicit price deflators		Percent change from preceding period			
	Gross domestic product	Final sales of domestic product	Gross national product	Gross domestic product	Final sales of domestic product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product	Chain-type price index		Implicit price deflators	
										Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
1959	2,319.0	2,317.4	2,332.8	7.2	6.3	21.88	21.41	21.88	21.88	1.1	1.1	1.1	1.1
1960	2,376.7	2,378.5	2,391.9	2.5	2.6	22.19	21.71	22.19	22.18	1.4	1.4	1.4	1.4
1961	2,432.0	2,435.5	2,448.8	2.3	2.4	22.43	21.94	22.44	22.43	1.1	1.1	1.1	1.1
1962	2,578.9	2,569.5	2,598.0	6.0	5.5	22.74	22.23	22.74	22.74	1.4	1.3	1.4	1.4
1963	2,690.4	2,683.6	2,710.8	4.3	4.4	22.99	22.50	23.00	22.99	1.1	1.2	1.1	1.1
1964	2,846.5	2,844.1	2,868.5	5.8	6.0	23.34	22.85	23.34	23.34	1.5	1.6	1.5	1.5
1965	3,028.5	3,008.5	3,051.7	6.4	5.8	23.77	23.26	23.78	23.77	1.9	1.8	1.9	1.9
1966	3,227.5	3,191.1	3,248.9	6.6	6.1	24.45	23.91	24.46	24.45	2.8	2.8	2.9	2.9
1967	3,308.3	3,288.2	3,330.4	2.5	3.0	25.21	24.61	25.21	25.21	3.1	2.9	3.1	3.1
1968	3,466.1	3,450.0	3,489.8	4.8	4.9	26.29	25.66	26.30	26.29	4.3	4.3	4.3	4.3
1969	3,571.4	3,559.1	3,594.1	3.0	3.1	27.59	26.92	27.59	27.59	4.9	4.9	4.9	4.9
1970	3,578.0	3,588.6	3,600.6	.2	.9	29.05	28.37	29.06	29.05	5.3	5.4	5.3	5.3
1971	3,697.7	3,688.1	3,722.9	3.3	2.8	30.52	29.84	30.52	30.52	5.0	5.2	5.0	5.1
1972	3,898.4	3,887.7	3,925.7	5.4	5.4	31.81	31.17	31.82	31.82	4.2	4.5	4.3	4.2
1973	4,123.4	4,094.3	4,161.0	5.8	5.3	33.60	32.99	33.60	33.60	5.6	5.8	5.6	5.6
1974	4,099.0	4,080.7	4,142.3	-6	-3	36.60	36.35	36.62	36.62	9.0	10.2	9.0	9.0
1975	4,084.4	4,118.5	4,117.7	-4	.9	40.03	39.69	40.03	40.03	9.4	9.2	9.3	9.3
1976	4,311.7	4,288.8	4,351.4	5.6	4.1	42.29	41.93	42.30	42.31	5.7	5.7	5.7	5.7
1977	4,511.8	4,478.8	4,556.6	4.6	4.4	45.02	44.80	45.02	45.03	6.4	6.8	6.4	6.4
1978	4,760.6	4,722.9	4,805.3	5.5	5.5	48.22	48.02	48.23	48.24	7.1	7.2	7.1	7.1
1979	4,912.1	4,894.4	4,973.9	3.2	3.6	52.24	52.26	52.25	52.26	8.3	8.8	8.3	8.3
1980	4,900.9	4,928.1	4,962.3	-2	.7	57.05	57.79	57.04	57.05	9.9	10.6	9.2	9.2
1981	5,021.0	4,989.5	5,075.4	2.5	1.2	62.37	63.05	62.37	62.38	9.3	9.1	9.3	9.3
1982	4,919.3	4,954.9	4,973.6	-2.0	-7	66.26	66.71	66.25	66.26	6.2	5.8	6.2	6.2
1983	5,132.3	5,154.5	5,184.9	4.3	4.0	68.87	69.05	68.88	68.89	3.9	3.5	4.0	4.0
1984	5,505.2	5,427.9	5,553.8	7.3	5.3	71.44	71.46	71.44	71.45	3.7	3.5	3.7	3.7
1985	5,717.1	5,698.8	5,750.9	3.8	5.0	73.69	73.56	73.69	73.70	3.2	2.9	3.2	3.2
1986	5,912.6	5,912.6	5,932.5	3.4	3.8	75.32	75.22	75.31	75.32	2.2	2.3	2.2	2.2
1987	6,113.3	6,088.8	6,130.8	3.4	3.0	77.58	77.70	77.58	77.58	3.0	3.3	3.0	3.0
1988	6,368.4	6,352.6	6,391.1	4.2	4.3	80.22	80.36	80.21	80.22	3.4	3.4	3.4	3.4
1989	6,591.8	6,565.4	6,615.5	3.5	3.3	83.27	83.45	83.27	83.28	3.8	3.8	3.8	3.8
1990	6,707.9	6,695.6	6,740.0	1.8	2.0	86.53	86.85	86.51	86.53	3.9	4.1	3.9	3.9
1991	6,676.4	6,681.5	6,703.4	-3	-2	89.66	89.81	89.66	89.67	3.6	3.4	3.6	3.6
1992	6,880.0	6,867.7	6,905.8	3.0	2.8	91.85	92.03	91.84	91.84	2.4	2.5	2.4	2.4
1993	7,062.6	7,043.8	7,087.8	2.7	2.6	94.05	94.14	94.05	94.06	2.4	2.3	2.4	2.4
1994	7,347.7	7,285.8	7,364.3	4.0	3.4	96.01	96.06	96.01	96.02	2.1	2.0	2.1	2.1
1995	7,543.8	7,512.2	7,564.0	2.7	3.1	98.10	98.20	98.10	98.11	2.2	2.2	2.2	2.2
1996	7,813.2	7,783.2	7,831.2	3.6	3.6	100.00	100.00	100.00	100.00	1.9	1.8	1.9	1.9
1997	8,159.5	8,095.2	8,168.1	4.4	4.0	101.95	101.64	101.95	101.93	1.9	1.6	1.9	1.9
1998	8,508.9	8,431.8	8,508.4	4.3	4.2	103.20	102.43	103.20	103.17	1.2	.8	1.2	1.2
1999	8,856.5	8,792.0	8,853.0	4.1	4.3	104.66	103.99	104.65	104.62	1.4	1.5	1.4	1.4
2000	9,224.0	9,167.0	9,216.4	4.1	4.3	107.04	106.70	107.04	106.99	2.3	2.6	2.3	2.3
1959: I	2,273.0	2,275.1	2,286.2	8.6	9.1	21.79	21.33	21.83	21.82	.9	1.2	.1	.1
II	2,332.4	2,314.9	2,345.5	10.9	7.2	21.84	21.37	21.83	21.83	.9	.9	.1	.1
III	2,331.4	2,344.3	2,345.5	-2	5.2	21.90	21.43	21.88	21.88	1.2	1.1	.9	.9
IV	2,339.1	2,335.5	2,354.1	1.3	-1.5	21.99	21.52	21.98	21.98	1.7	1.7	1.8	1.8
1960: I	2,391.0	2,360.4	2,405.4	9.2	4.3	22.04	21.57	22.08	22.07	.9	.8	1.7	1.8
II	2,379.2	2,382.7	2,393.9	-2.0	3.8	22.14	21.66	22.15	22.15	1.7	1.8	1.4	1.3
III	2,383.6	2,380.0	2,398.9	.7	-5	22.23	21.76	22.23	22.23	1.8	1.8	1.5	1.5
IV	2,352.9	2,391.1	2,369.3	-5.0	1.9	22.33	21.86	22.30	22.29	1.8	1.9	1.2	1.1
1961: I	2,366.5	2,392.9	2,383.7	2.3	.3	22.36	21.88	22.35	22.34	.5	.4	1.0	1.0
II	2,410.8	2,418.3	2,427.1	7.7	4.3	22.40	21.91	22.40	22.39	.7	.5	.8	.8
III	2,450.4	2,437.7	2,467.2	6.8	3.2	22.45	21.96	22.46	22.45	.9	.9	1.1	1.1
IV	2,500.4	2,493.2	2,517.5	8.4	9.4	22.51	22.01	22.53	22.53	1.0	.9	1.4	1.4
1962: I	2,544.0	2,522.5	2,561.0	7.2	4.8	22.64	22.13	22.67	22.67	2.4	2.2	2.5	2.5
II	2,571.5	2,564.6	2,590.3	4.4	6.8	22.71	22.20	22.71	22.70	1.1	1.3	.6	.6
III	2,596.8	2,586.2	2,615.7	4.0	3.4	22.77	22.26	22.76	22.75	1.1	1.0	1.0	1.0
IV	2,603.3	2,604.6	2,625.1	1.0	2.9	22.84	22.34	22.83	22.83	1.4	1.4	1.3	1.3
1963: I	2,634.1	2,619.3	2,654.8	4.8	2.3	22.93	22.42	22.91	22.90	1.4	1.6	1.3	1.3
II	2,668.4	2,663.9	2,688.2	5.3	7.0	22.95	22.45	22.94	22.93	.3	.4	.6	.6
III	2,719.6	2,712.0	2,739.8	7.9	7.4	22.98	22.49	22.98	22.97	.6	.8	.6	.6
IV	2,739.4	2,739.6	2,760.3	2.9	4.1	23.12	22.63	23.16	23.15	2.5	2.6	3.2	3.2
1964: I	2,800.5	2,799.3	2,823.2	9.2	9.0	23.20	22.72	23.22	23.22	1.4	1.5	1.2	1.2
II	2,833.8	2,833.5	2,857.7	4.8	5.0	23.27	22.79	23.28	23.27	1.2	1.3	.9	.9
III	2,872.0	2,868.3	2,894.7	5.5	5.0	23.39	22.90	23.37	23.37	2.0	1.8	1.6	1.6
IV	2,879.5	2,875.5	2,900.5	1.0	1.0	23.49	22.99	23.49	23.48	1.8	1.7	2.0	2.0
1965: I	2,950.1	2,920.2	2,974.0	10.2	6.4	23.60	23.08	23.61	23.60	1.9	1.6	2.1	2.1
II	2,989.9	2,973.2	3,014.6	5.5	7.4	23.71	23.19	23.71	23.71	1.8	1.8	1.8	1.8
III	3,050.7	3,029.4	3,073.6	8.4	7.8	23.81	23.30	23.81	23.80	1.8	1.9	1.5	1.5
IV	3,123.6	3,111.4	3,144.5	9.9	11.3	23.97	23.46	23.97	23.97	2.6	2.9	2.8	2.8
1966: I	3,201.1	3,165.1	3,222.6	10.3	7.1	24.11	23.59	24.13	24.12	2.4	2.1	2.6	2.6
II	3,213.2	3,180.0	3,234.8	1.5	1.9	24.33	23.81	24.32	24.32	3.8	3.8	3.3	3.3
III	3,233.6	3,205.0	3,254.7	2.6	3.2	24.57	24.03	24.58	24.58	4.0	3.7	4.3	4.3
IV	3,261.8	3,214.5	3,283.7	3.5	1.2	24.79	24.22	24.79	24.79	3.5	3.3	3.5	3.5

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

Year and quarter	Billions of chained (1996) dollars			Percent change from preceding period		Chain-type price indexes		Implicit price deflators		Percent change from preceding period			
	Gross domestic product	Final sales of domestic product	Gross national product	Gross domestic product	Final sales of domestic product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product	Chain-type price index		Implicit price deflators	
										Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
1967: I	3,291.8	3,246.9	3,313.4	3.7	4.1	24.90	24.32	24.89	24.89	1.9	1.6	1.6	1.6
1967: II	3,289.7	3,281.5	3,310.7	-3	4.3	25.06	24.47	25.05	25.04	2.5	2.5	2.5	2.5
1967: III	3,313.5	3,297.4	3,336.6	2.9	2.0	25.29	24.70	25.31	25.31	3.8	3.8	4.3	4.3
1967: IV	3,338.3	3,326.9	3,360.8	3.0	3.6	25.57	24.96	25.59	25.59	4.4	4.3	4.5	4.5
1968: I	3,406.2	3,394.2	3,429.2	8.4	8.3	25.86	25.24	25.88	25.87	4.6	4.6	4.5	4.5
1968: II	3,464.8	3,428.5	3,488.3	7.1	4.1	26.15	25.51	26.14	26.14	4.5	4.2	4.1	4.1
1968: III	3,489.2	3,478.1	3,513.4	2.8	5.9	26.39	25.77	26.39	26.39	3.8	4.1	3.9	3.9
1968: IV	3,504.1	3,499.5	3,528.1	1.7	2.5	26.76	26.13	26.76	26.76	5.7	5.7	5.7	5.7
1969: I	3,558.3	3,535.0	3,582.2	6.3	4.1	27.02	26.37	27.03	27.03	3.9	3.8	4.1	4.1
1969: II	3,567.6	3,551.3	3,590.6	1.0	1.9	27.39	26.73	27.39	27.38	5.5	5.6	5.3	5.3
1969: III	3,588.3	3,569.0	3,610.3	2.3	2.0	27.79	27.11	27.79	27.79	6.0	5.8	6.0	6.0
1969: IV	3,571.4	3,568.3	3,593.3	-1.9	-1	28.15	27.46	28.15	28.15	5.3	5.3	5.3	5.3
1970: I	3,566.5	3,578.9	3,589.1	-6	1.2	28.54	27.85	28.55	28.54	5.6	5.8	5.8	5.8
1970: II	3,573.9	3,573.2	3,597.4	.8	-6	28.94	28.24	28.94	28.94	5.8	5.6	5.7	5.7
1970: III	3,605.2	3,605.0	3,628.3	3.6	3.6	29.17	28.51	29.18	29.17	3.2	3.9	3.3	3.3
1970: IV	3,566.5	3,597.4	3,587.6	-4.2	-8	29.55	28.89	29.56	29.56	5.3	5.5	5.3	5.3
1971: I	3,666.1	3,643.1	3,691.3	11.6	5.2	30.00	29.31	30.00	30.00	6.1	6.0	6.1	6.1
1971: II	3,686.2	3,667.8	3,712.8	2.2	2.7	30.40	29.71	30.40	30.40	5.5	5.5	5.4	5.4
1971: III	3,714.5	3,698.9	3,738.4	3.1	3.4	30.71	30.04	30.71	30.71	4.1	4.6	4.2	4.2
1971: IV	3,723.8	3,742.5	3,749.2	1.0	4.8	30.96	30.30	30.96	30.96	3.3	3.5	3.3	3.3
1972: I	3,796.9	3,802.2	3,823.4	8.1	6.5	31.42	30.76	31.41	31.41	6.1	6.1	5.8	5.8
1972: II	3,883.8	3,862.7	3,910.0	9.5	6.5	31.61	30.98	31.61	31.61	2.5	2.9	2.6	2.6
1972: III	3,922.3	3,897.2	3,950.7	4.0	3.6	31.92	31.30	31.92	31.92	4.0	4.2	4.0	4.0
1972: IV	3,990.5	3,988.5	4,018.7	7.1	9.7	32.30	31.67	32.32	32.32	4.8	4.8	5.1	5.1
1973: I	4,092.3	4,075.5	4,125.0	10.6	9.0	32.73	32.09	32.71	32.71	5.4	5.4	4.9	4.9
1973: II	4,133.3	4,094.4	4,168.3	4.1	1.9	33.27	32.69	33.25	33.25	6.8	7.7	6.9	6.9
1973: III	4,117.0	4,100.7	4,158.0	-1.6	.6	33.90	33.29	33.86	33.86	7.9	7.6	7.5	7.5
1973: IV	4,151.1	4,106.3	4,192.5	3.4	.5	34.48	33.91	34.58	34.58	7.0	7.6	8.7	8.7
1974: I	4,119.3	4,101.8	4,168.1	-3.0	-4	35.18	34.80	35.20	35.20	8.4	10.9	7.4	7.4
1974: II	4,130.4	4,105.6	4,176.5	1.1	.4	35.97	35.79	36.02	36.02	9.2	11.9	9.6	9.6
1974: III	4,084.5	4,089.8	4,126.5	-4.4	-1.5	37.07	36.87	37.09	37.08	12.8	12.7	12.4	12.4
1974: IV	4,062.0	4,025.8	4,098.0	-2.2	-6.1	38.20	37.93	38.20	38.19	12.7	12.0	12.5	12.5
1975: I	4,010.0	4,054.7	4,040.1	-5.0	2.9	39.08	38.76	39.08	39.08	9.6	9.0	9.6	9.6
1975: II	4,045.2	4,099.2	4,075.6	3.6	4.5	39.63	39.33	39.63	39.63	5.8	6.0	5.7	5.7
1975: III	4,115.4	4,135.9	4,148.4	7.1	3.6	40.35	39.99	40.33	40.33	7.5	7.0	7.3	7.3
1975: IV	4,167.2	4,184.3	4,206.7	5.1	4.8	41.05	40.67	41.05	41.05	7.1	6.9	7.3	7.3
1976: I	4,266.1	4,248.8	4,304.2	9.8	6.3	41.49	41.11	41.50	41.50	4.3	4.4	4.5	4.5
1976: II	4,301.5	4,264.1	4,341.2	3.4	1.4	41.93	41.56	41.92	41.92	4.3	4.5	4.1	4.1
1976: III	4,321.9	4,289.7	4,362.0	1.9	2.4	42.51	42.18	42.50	42.51	5.6	6.1	5.7	5.7
1976: IV	4,357.4	4,352.4	4,398.4	3.3	6.0	43.25	42.88	43.27	43.28	7.1	6.8	7.4	7.4
1977: I	4,410.5	4,393.8	4,457.6	5.0	3.9	43.97	43.68	43.97	43.97	6.9	7.7	6.6	6.6
1977: II	4,489.8	4,464.0	4,535.9	7.4	6.5	44.69	44.45	44.69	44.71	6.7	7.2	6.8	6.8
1977: III	4,570.6	4,509.7	4,616.4	7.4	4.2	45.32	45.14	45.23	45.25	5.8	6.4	4.9	4.9
1977: IV	4,576.1	4,547.5	4,616.6	.5	3.4	46.08	45.92	46.16	46.17	6.9	7.0	8.5	8.4
1978: I	4,588.9	4,552.0	4,636.0	1.1	.4	46.86	46.67	46.86	46.87	6.9	6.8	6.2	6.2
1978: II	4,765.7	4,730.8	4,804.8	16.3	16.7	47.79	47.60	47.77	47.78	8.2	8.2	8.0	8.0
1978: III	4,811.7	4,774.7	4,854.6	3.9	3.8	48.64	48.45	48.60	48.61	7.3	7.3	7.1	7.1
1978: IV	4,876.0	4,834.2	4,925.8	5.5	5.1	49.62	49.37	49.59	49.60	8.3	7.8	8.4	8.4
1979: I	4,888.3	4,855.1	4,939.6	1.0	1.7	50.58	50.38	50.55	50.56	8.0	8.4	7.9	7.9
1979: II	4,891.4	4,852.9	4,949.3	.3	-2	51.73	51.58	51.71	51.72	9.4	9.9	9.5	9.5
1979: III	4,926.2	4,921.9	4,995.6	2.9	5.8	52.79	52.89	52.81	52.82	8.5	10.5	8.8	8.8
1979: IV	4,942.6	4,947.7	5,011.4	1.3	2.1	53.86	54.20	53.90	53.90	8.3	10.3	8.5	8.5
1980: I	4,958.9	4,961.4	5,028.8	1.3	1.1	55.08	55.73	55.11	55.12	9.4	11.8	9.3	9.3
1980: II	4,857.8	4,861.6	4,922.5	-7.9	-7.8	56.35	57.14	56.34	56.35	9.5	10.5	9.2	9.2
1980: III	4,850.3	4,923.9	4,911.3	-6	5.2	57.62	58.43	57.60	57.61	9.4	9.3	9.2	9.2
1980: IV	4,936.6	4,965.2	4,986.3	7.3	3.4	59.16	59.89	59.13	59.14	11.1	10.4	11.0	11.1
1981: I	5,032.5	4,985.6	5,086.4	8.0	1.7	60.67	61.42	60.66	60.67	10.6	10.7	10.8	10.8
1981: II	4,997.3	4,995.9	5,048.1	-2.8	.8	61.75	62.53	61.76	61.77	7.3	7.4	7.5	7.5
1981: III	5,056.8	5,003.5	5,110.5	4.9	.6	62.95	63.56	62.95	62.97	8.0	6.7	8.0	8.0
1981: IV	4,997.1	4,972.9	5,056.8	-4.6	-2.4	64.10	64.70	64.10	64.11	7.5	7.4	7.5	7.5
1982: I	4,914.3	4,959.7	4,969.4	-6.5	-1.1	65.00	65.56	64.99	65.00	5.8	5.4	5.7	5.7
1982: II	4,935.5	4,954.2	4,996.9	1.7	-4	65.84	66.29	65.83	65.84	5.3	4.6	5.3	5.2
1982: III	4,912.1	4,916.8	4,963.4	-1.9	-3.0	66.75	67.16	66.75	66.76	5.6	5.4	5.7	5.7
1982: IV	4,915.6	4,989.1	4,964.8	.3	6.0	67.44	67.83	67.45	67.46	4.2	4.0	4.3	4.3
1983: I	4,972.4	5,036.1	5,021.5	4.7	3.8	67.98	68.22	67.95	67.96	3.3	2.3	3.0	3.0
1983: II	5,089.8	5,113.1	5,142.2	9.8	6.3	68.59	68.80	68.56	68.57	3.6	3.5	3.7	3.7
1983: III	5,180.4	5,200.3	5,233.9	7.3	7.0	69.17	69.35	69.16	69.18	3.4	3.2	3.6	3.6
1983: IV	5,286.8	5,268.5	5,342.0	8.5	5.4	69.75	69.83	69.77	69.79	3.4	2.8	3.6	3.6
1984: I	5,402.3	5,313.9	5,452.6	9.0	3.5	70.59	70.67	70.59	70.60	4.9	4.9	4.8	4.7
1984: II	5,493.8	5,410.8	5,544.3	7.0	7.5	71.18	71.25	71.16	71.17	3.4	3.3	3.3	3.3
1984: III	5,541.3	5,456.0	5,591.1	3.5	3.4	71.74	71.72	71.73	71.74	3.2	2.7	3.2	3.2
1984: IV	5,583.1	5,531.0	5,627.1	3.1	5.6	72.24	72.18	72.24	72.25	2.8	2.5	2.9	2.9
1985: I	5,629.7	5,619.8	5,664.3	3.4	6.6	73.01	72.80	73.00	73.01	4.3	3.5	4.3	4.2
1985: II	5,673.8	5,657.0	5,710.9	3.2	2.7	73.49	73.32	73.50	73.50	2.7	2.8	2.7	2.8
1985: III	5,758.6	5,746.0	5,788.6	6.1	6.4	73.88	73.73	73.85	73.86	2.1	2.3	2.0	1.9
1985: IV	5,806.0	5,772.5	5,839.6	3.3	1.9	74.40	74.38	74.39	74.40	2.9	3.6	3.0	3.0
1986: I	5,858.9	5,828.7	5,887.3	3.7	3.9	74.69	74.71	74.68	74.69	1.5	1.8	1.5	1.5
1986: II	5,883.3	5,872.6	5,901.9	1.7	3.1	75.04	74.85	75.05	75.05	1.9	.7	2.0	2.0
1986: III	5,937.9	5,956.0	5,959.0	3.8	5.8	75.51	75.37	75.51	75.51	2.5	2.9	2.5	2.5
1986: IV	5,969.5	5,993.1	5,981.7	2.1	2.5	76.05	75.94	76.01	76.02	2.9	3.0	2.7	2.7
1987: I	6,013.3	5,985.4	6,027.6	3.0	-5	76.73	76.76	76.70	76.71	3.6	4.4	3.7	3.7
1987: II	6,072.2	6,066.8	6,095.8	4.3	5.6	77.27	77.40	77.27	77.27	2.9	3.4	3.0	3.0
1987: III	6,128.1	6,138.7	6,145.8	3.4	4.8	77.83	78.01	77.84	77.84	2.9	3.2	3.0	3.0
1987: IV	6,234.4	6,164.1	6,254.1	7.1	1.7	78.46	78.64	78.46	78.46	3.3	3.3	3.2	3.2

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

Year and quarter	Billions of chained (1996) dollars			Percent change from preceding period		Chain-type price indexes		Implicit price deflators		Percent change from preceding period			
	Gross domestic product	Final sales of domestic product	Gross national product	Gross domestic product	Final sales of domestic product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product	Chain-type price index		Implicit price deflators	
										Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
1988: I	6,275.9	6,263.0	6,302.0	2.7	6.6	78.99	79.21	78.98	78.99	2.7	2.9	2.7	2.7
1988: II	6,349.8	6,334.0	6,372.8	4.8	4.6	79.79	80.01	79.79	79.79	4.1	4.1	4.1	4.1
1988: III	6,382.3	6,365.9	6,402.0	2.1	2.0	80.73	80.75	80.71	80.72	4.8	3.8	4.7	4.7
1988: IV	6,465.2	6,447.5	6,487.4	5.3	5.2	81.36	81.46	81.33	81.34	3.2	3.6	3.1	3.1
1989: I	6,543.8	6,492.7	6,565.6	5.0	2.8	82.20	82.36	82.20	82.20	4.2	4.5	4.3	4.3
1989: II	6,579.4	6,542.8	6,599.7	2.2	3.1	83.02	83.26	83.01	83.02	4.0	4.4	4.0	4.0
1989: III	6,610.6	6,605.8	6,633.4	1.9	3.9	83.62	83.74	83.62	83.63	2.9	2.4	2.9	3.0
1989: IV	6,633.5	6,620.4	6,663.4	1.4	.9	84.24	84.43	84.24	84.25	3.0	3.3	3.0	3.0
1990: I	6,716.3	6,705.8	6,743.6	5.1	5.3	85.19	85.48	85.18	85.20	4.6	5.1	4.5	4.6
1990: II	6,731.7	6,697.6	6,760.8	.9	-.5	86.17	86.27	86.16	86.17	4.7	3.7	4.7	4.6
1990: III	6,719.4	6,699.2	6,742.6	-.7	-.1	87.00	87.26	86.99	87.00	3.9	4.7	3.9	3.9
1990: IV	6,664.2	6,680.0	6,713.3	-3.2	-1.1	87.76	88.41	87.74	87.76	3.5	5.3	3.5	3.5
1991: I	6,631.4	6,652.5	6,667.4	-2.0	-1.6	88.78	89.09	88.76	88.78	4.7	3.1	4.8	4.7
1991: II	6,668.5	6,692.5	6,692.1	2.3	2.4	89.41	89.51	89.40	89.41	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	102.98	1.0	.7	1.0	1.0
1998: III	8,528.5	8,454.9	8,517.6	4.1	2.8	103.38	102.54	103.38	103.34	1.4	1.1	1.4	1.4
1998: IV	8,667.9	8,588.5	8,662.0	6.7	6.5	103.66	102.84	103.65	103.62	1.1	1.2	1.1	1.1
1999: I	8,733.5	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) ¹																
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): ²																
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): ²																
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): ³																
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) ¹																
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	132,562	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) ⁴																
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) ⁴																
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) ²																
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) ²																
All sectors, by instrument:																
Total	2,203.1	1,775.3	.....	.....	1,842.1	.....	.....	1,893.2	.....	.....	1,802.2	.....	.....	.....	.....	.....
Open market paper	229.9	207.6	.....	.....	199.3	.....	.....	-367.2	.....	.....	-232.5	.....	.....	.....	.....	.....
U.S. government securities	520.7	137.6	.....	.....	282.2	.....	.....	428.3	.....	.....	455.2	.....	.....	.....	.....	.....
Municipal securities	68.2	35.3	.....	.....	60.1	.....	.....	106.9	.....	.....	113.9	.....	.....	.....	.....	.....
Corporate and foreign bonds.....	457.9	429.8	.....	.....	442.6	.....	.....	893.7	.....	.....	617.4	.....	.....	.....	.....	.....
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:

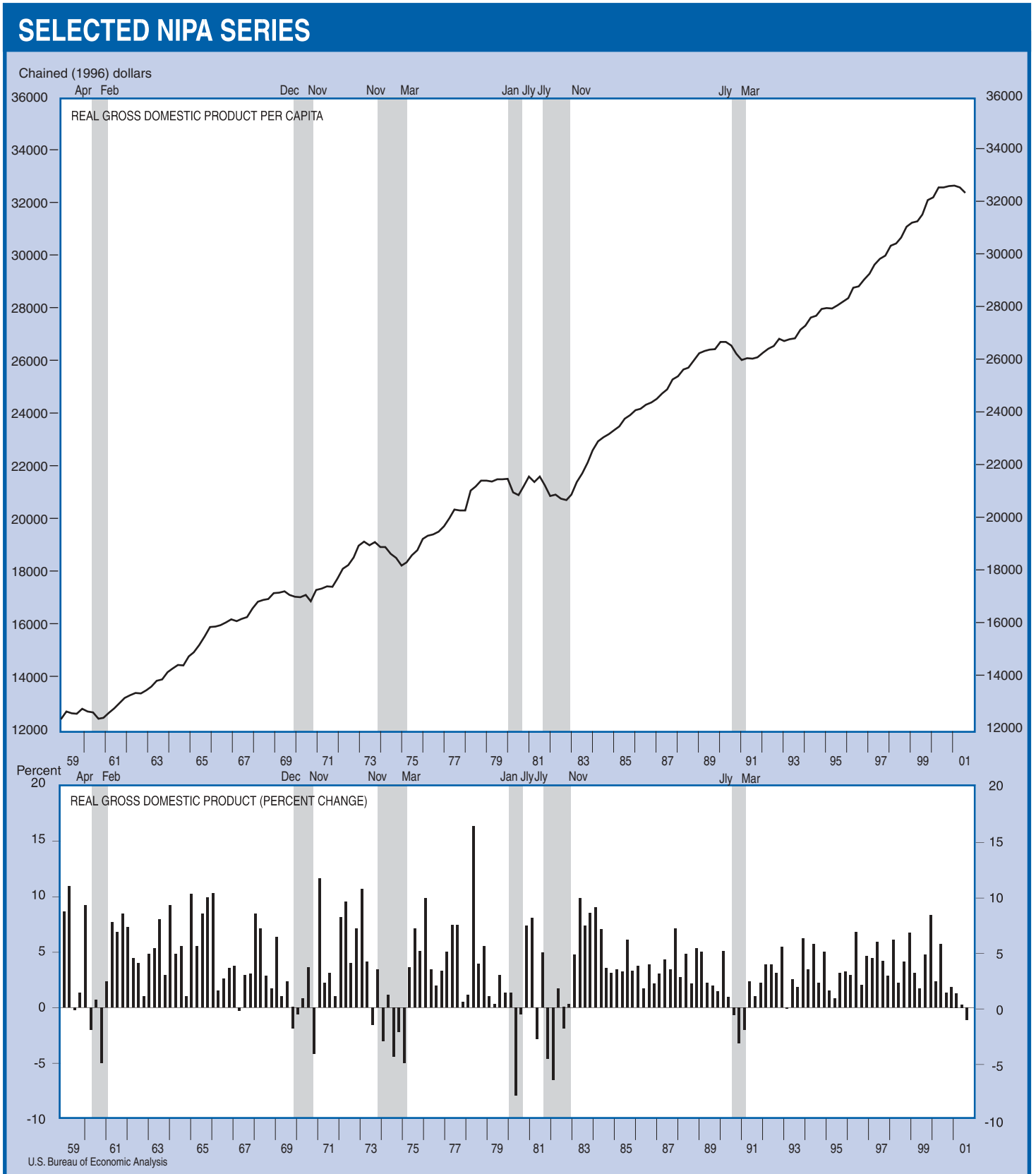
1. Bureau of Labor Statistics
2. Federal Reserve Board

3. Standard and Poor's, Inc.

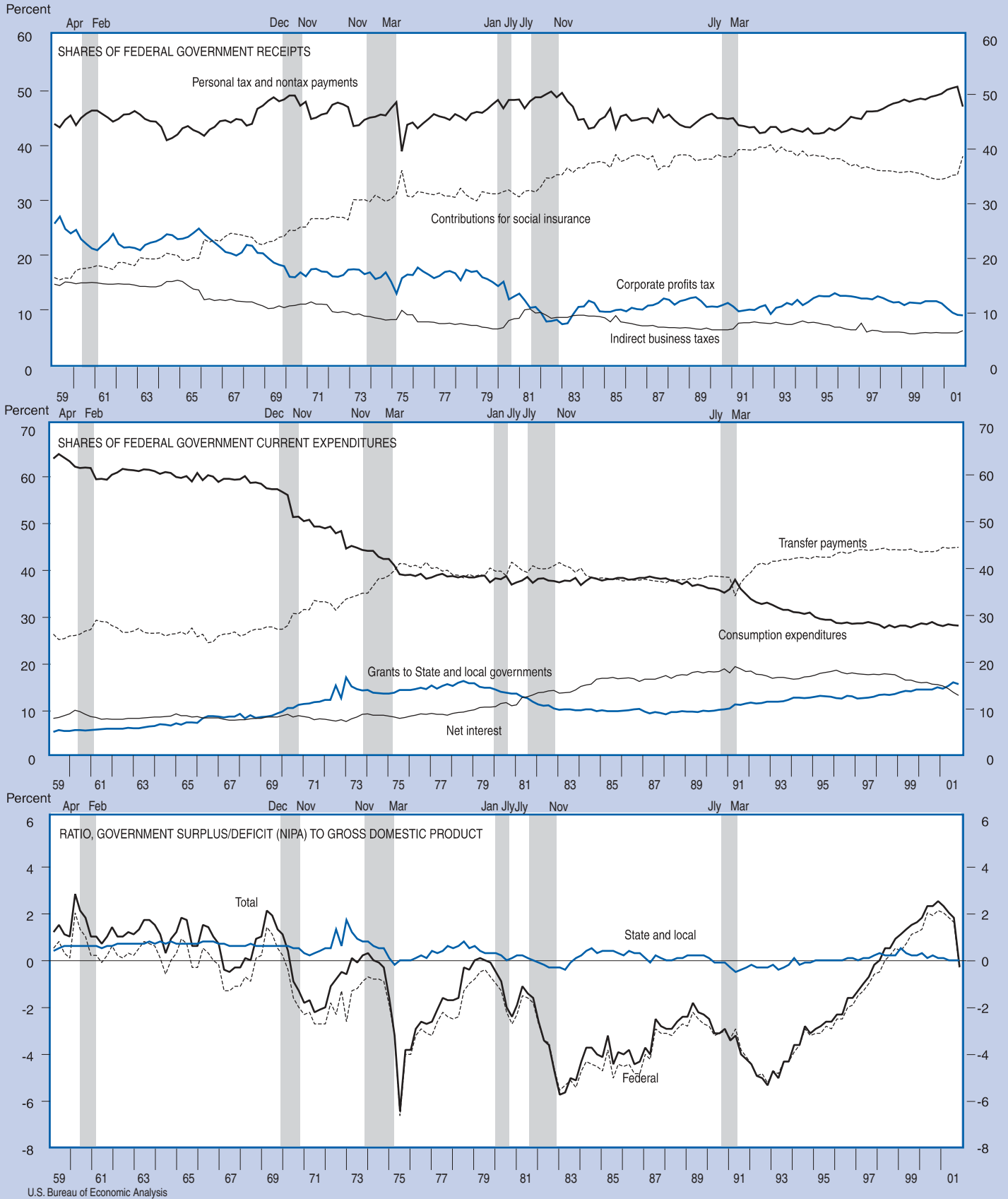
4. Bureau of the Census
n.e.c. Not elsewhere classified

E. Charts

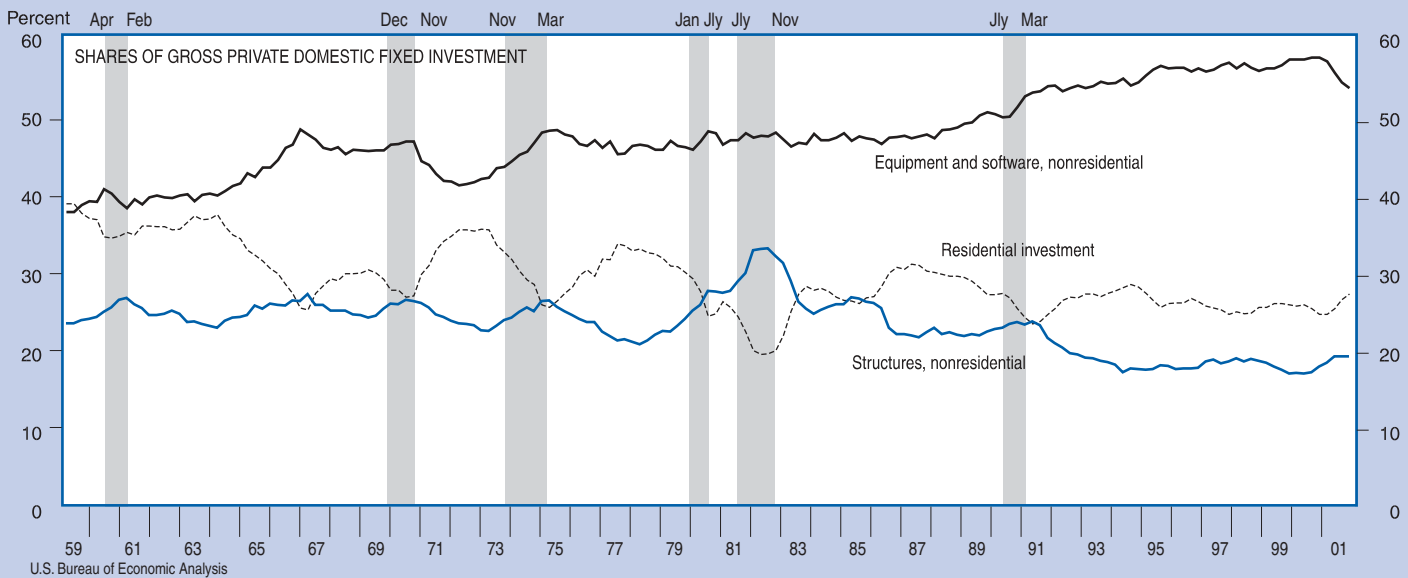
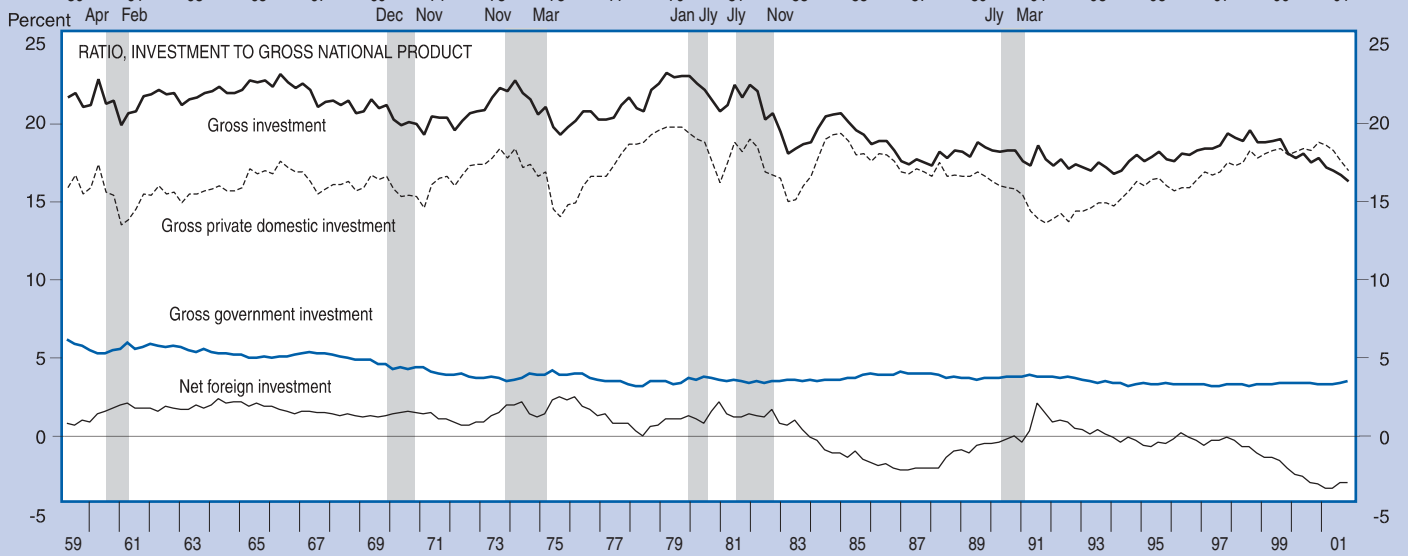
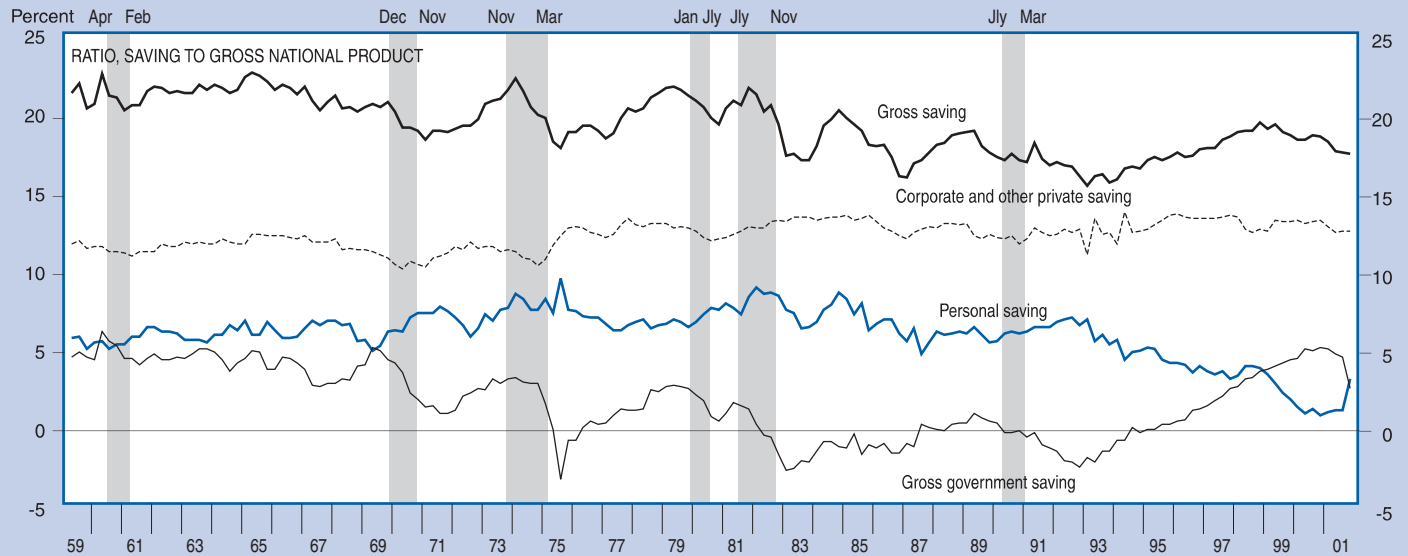
Percent changes shown in this section are based on quarter-to-quarter changes and are expressed at seasonally adjusted annual rates; likewise, levels of series are expressed at seasonally adjusted annual rates as appropriate.



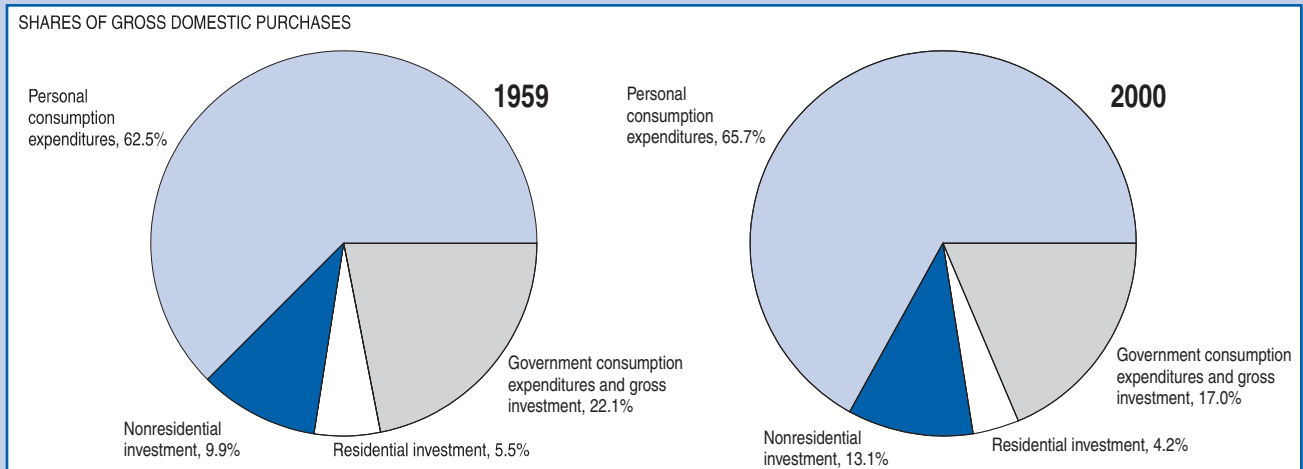
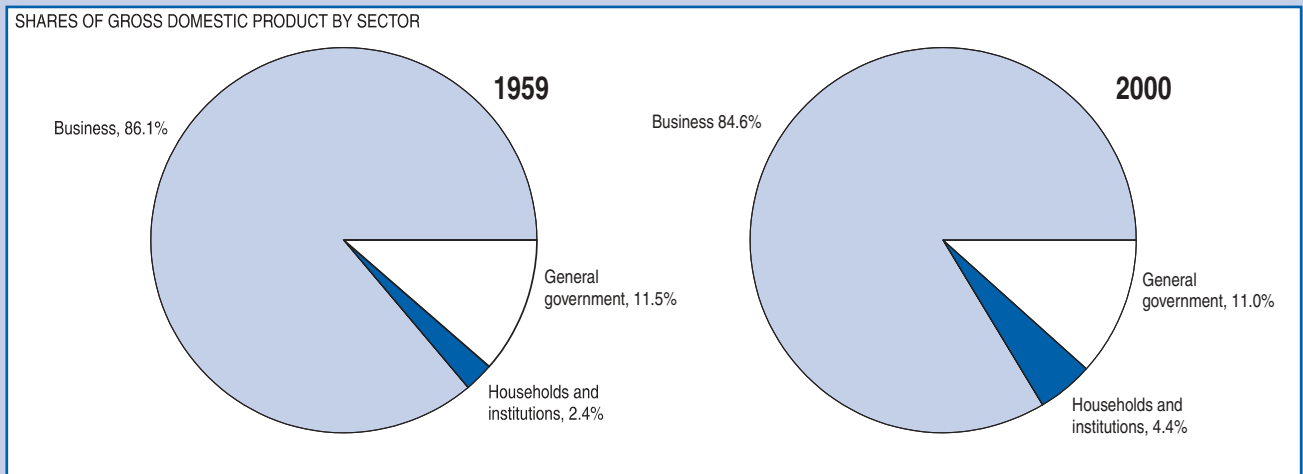
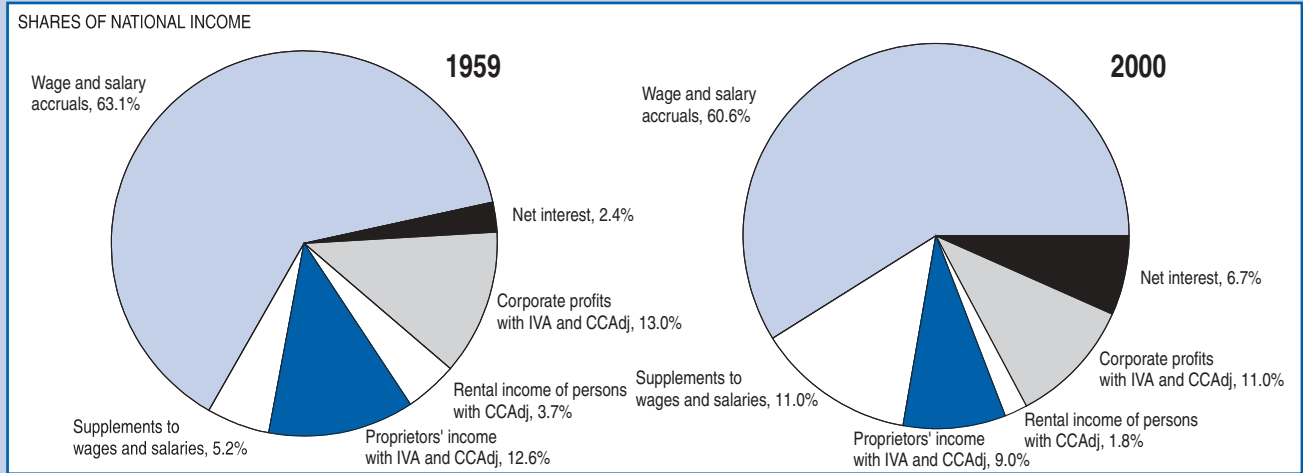
SELECTED NIPA SERIES



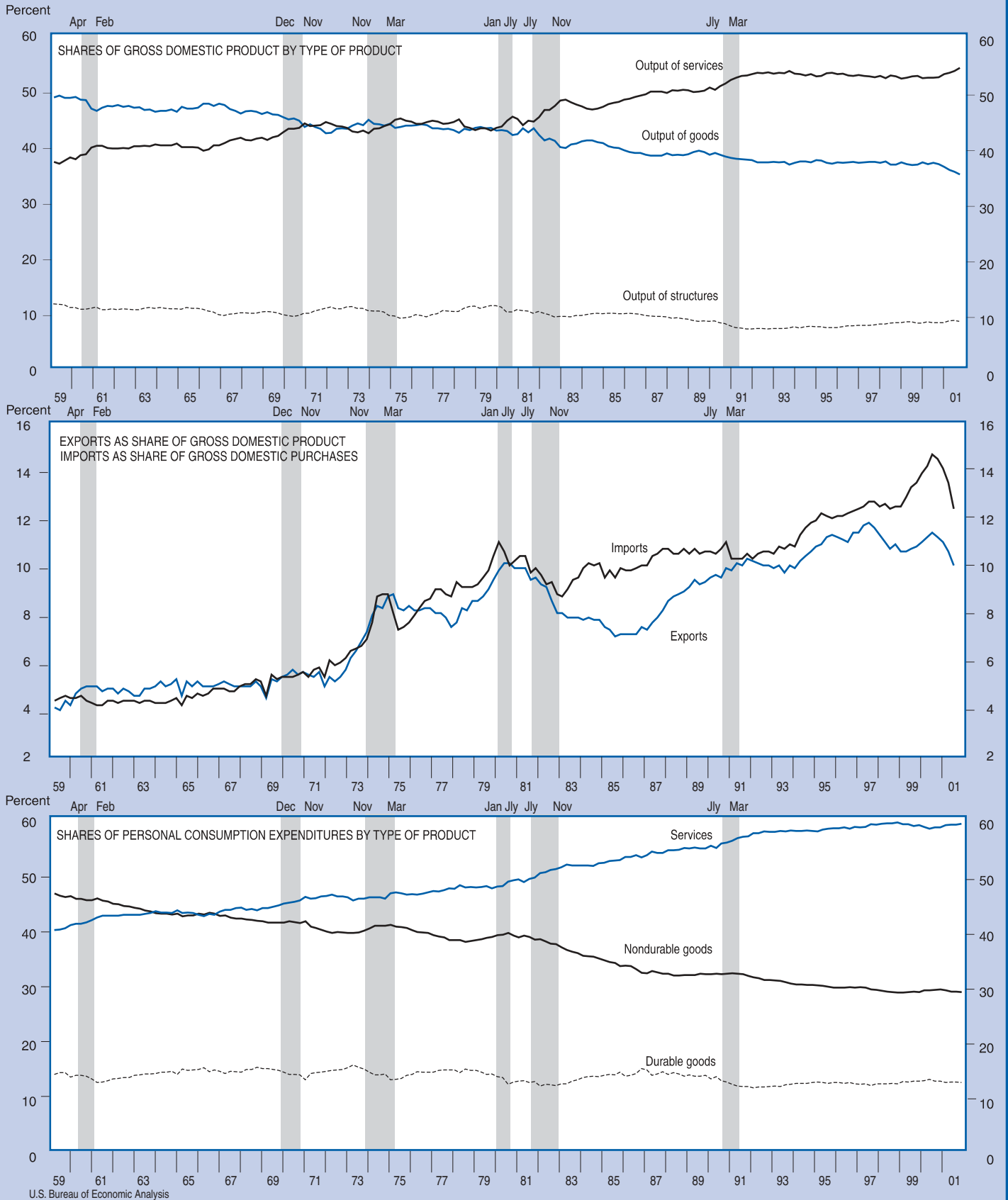
SELECTED NIPA SERIES



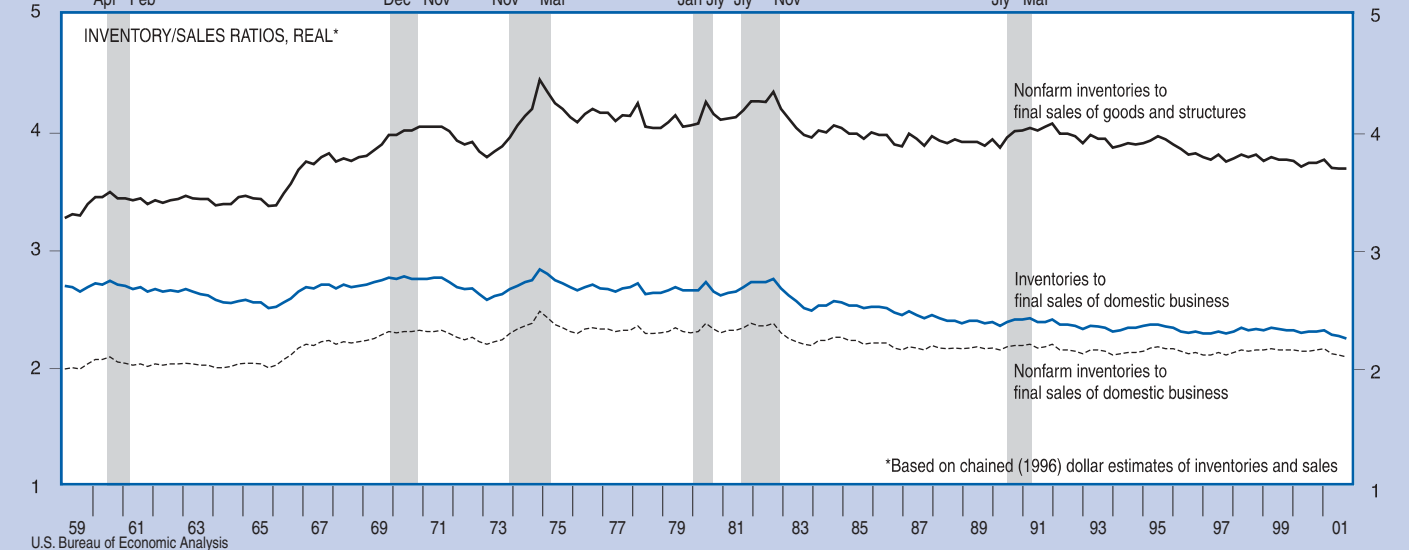
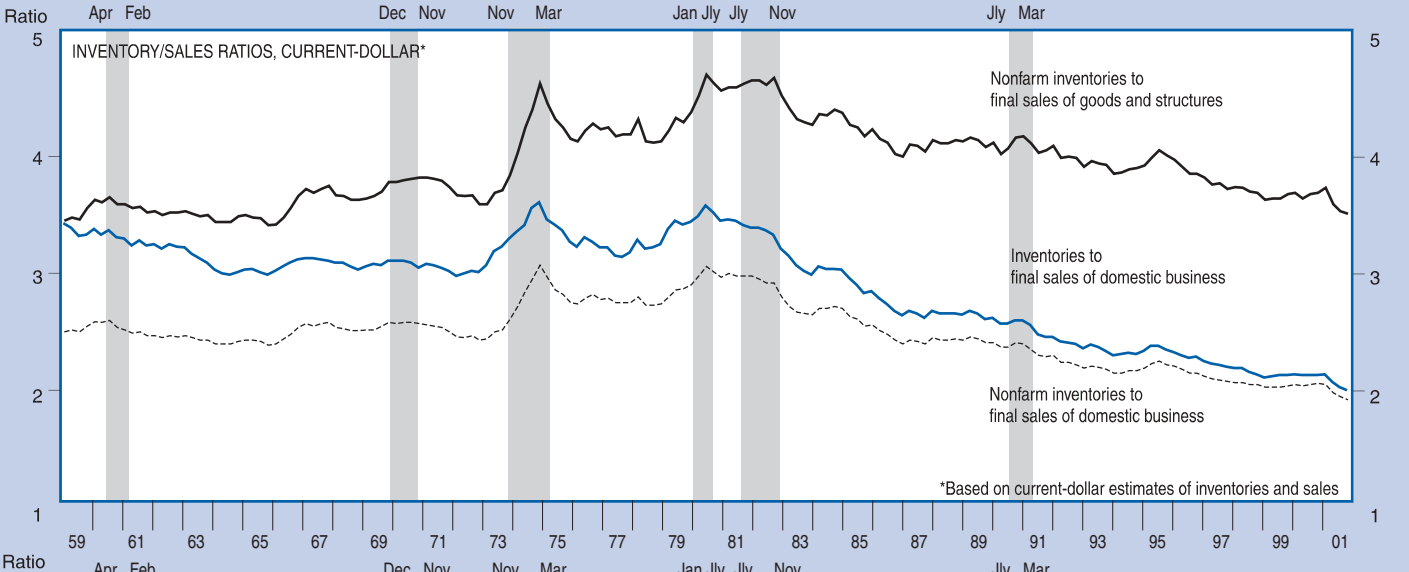
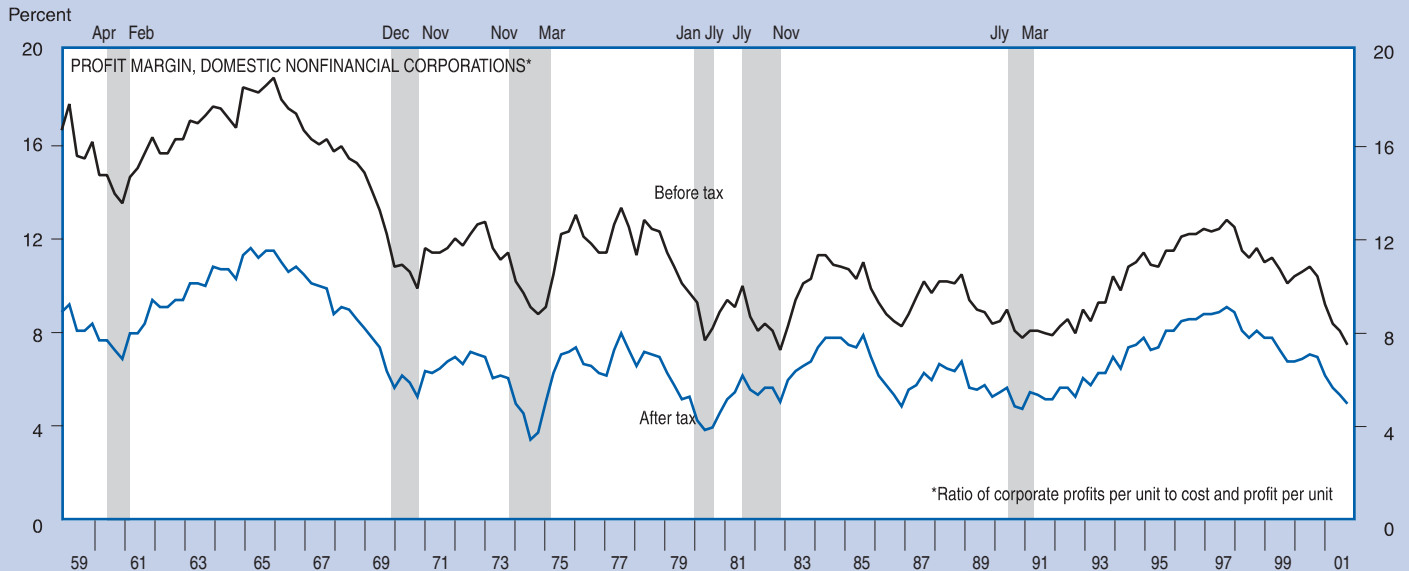
SELECTED NIPA SERIES



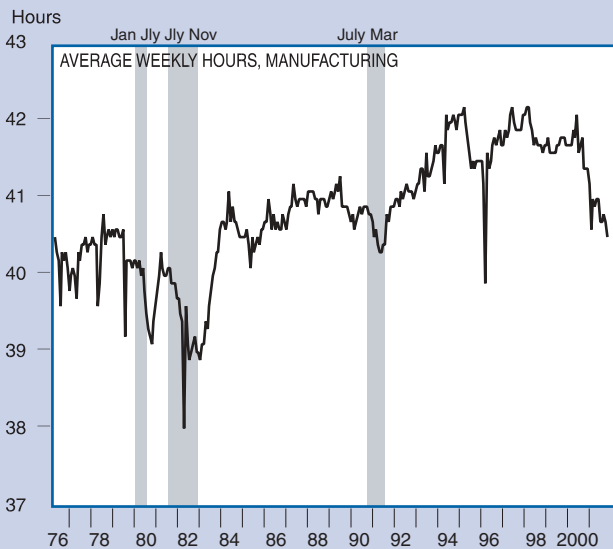
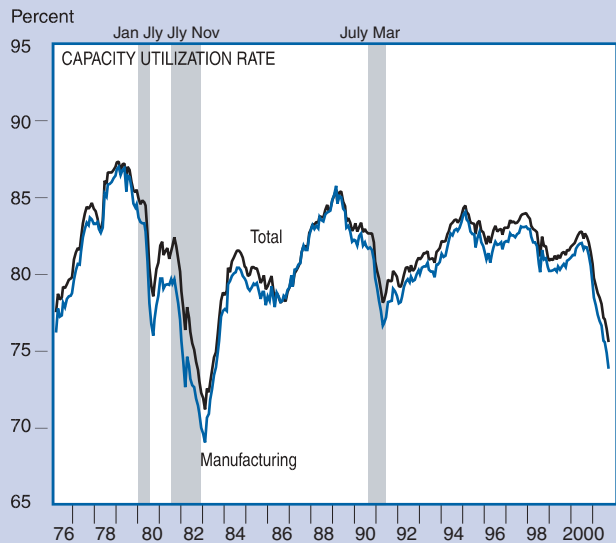
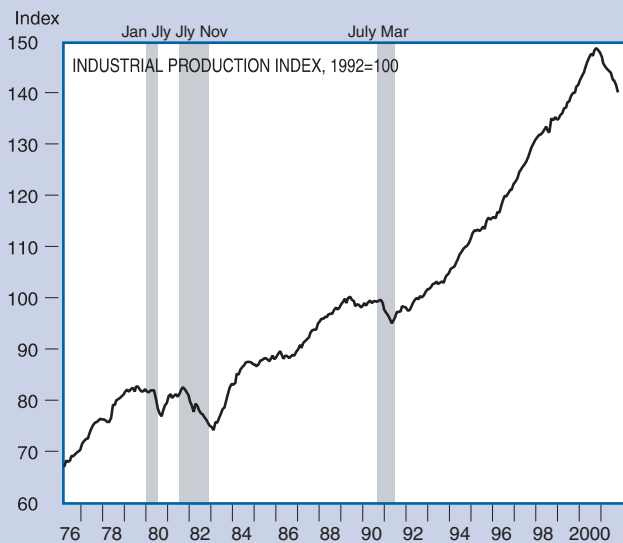
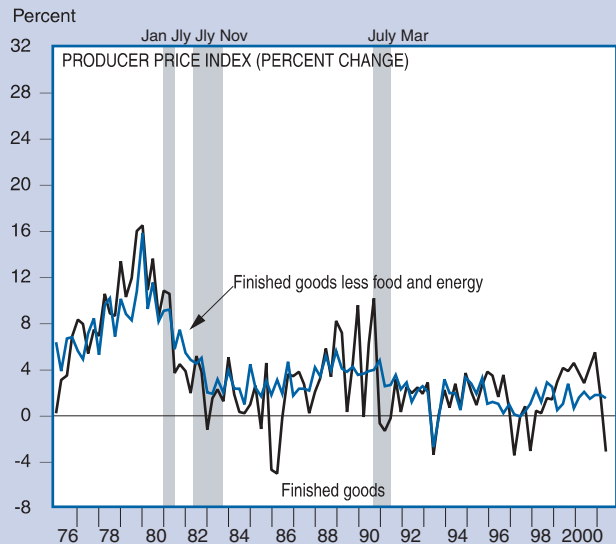
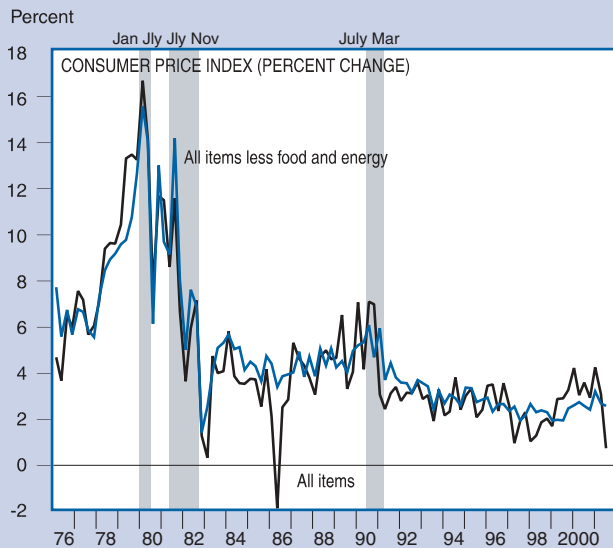
SELECTED NIPA SERIES



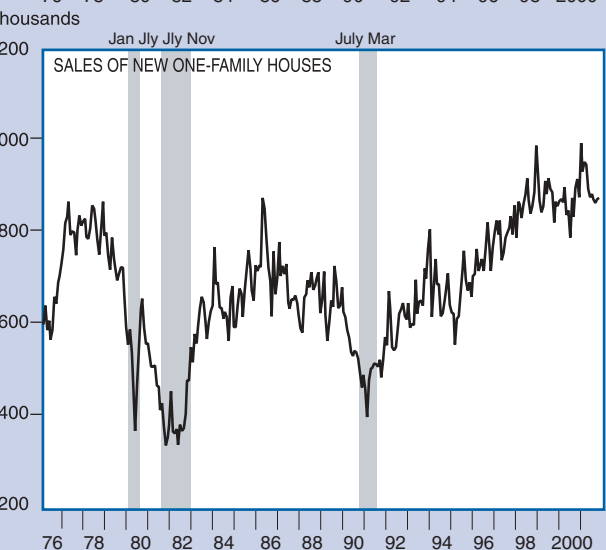
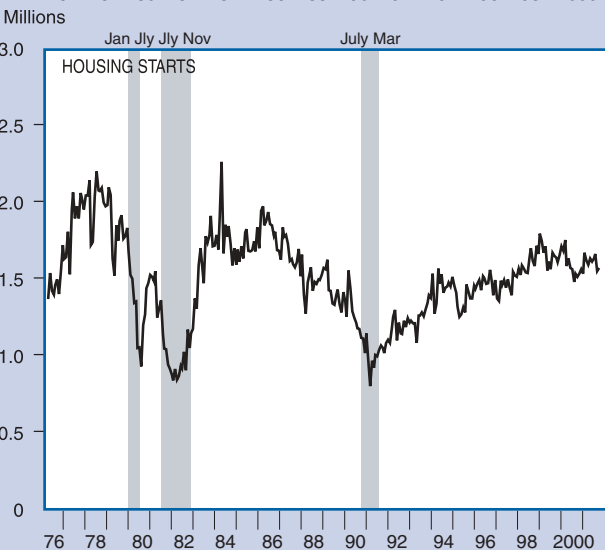
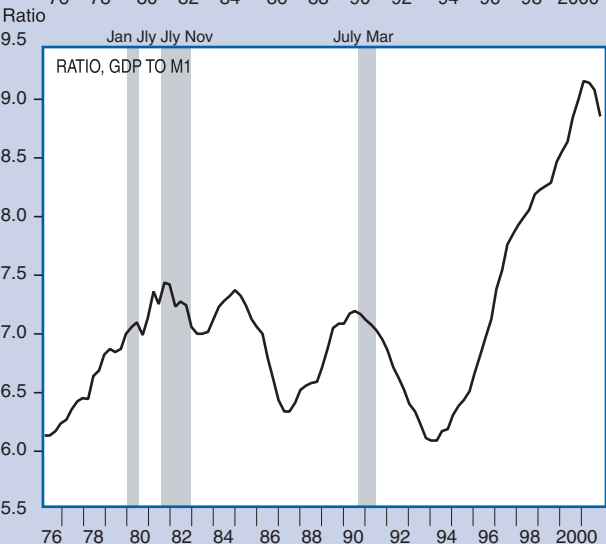
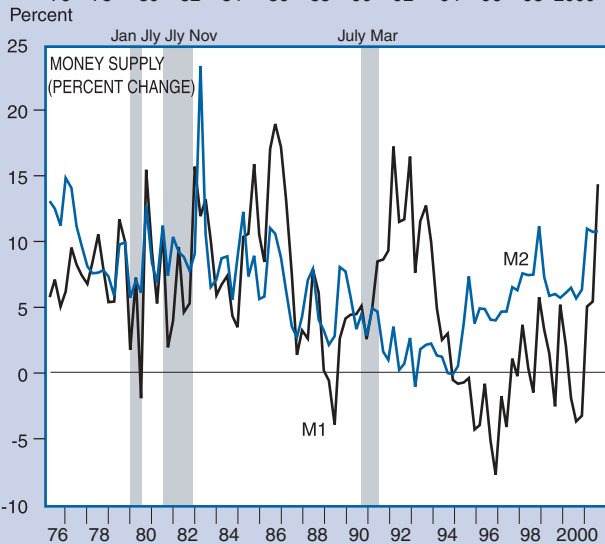
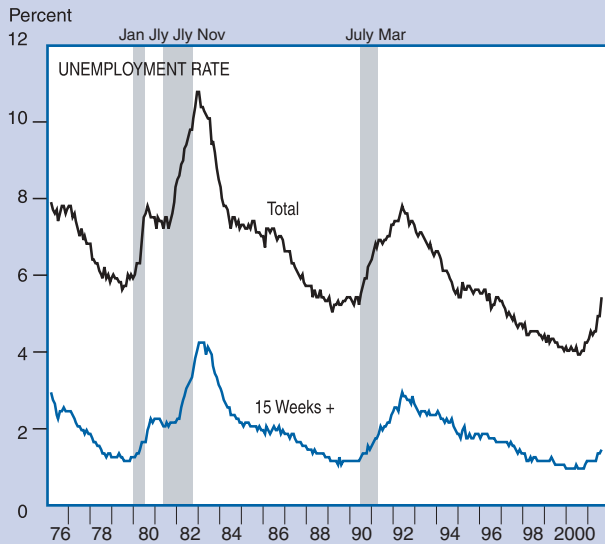
SELECTED NIPA SERIES



OTHER INDICATORS OF THE DOMESTIC ECONOMY



OTHER INDICATORS OF THE DOMESTIC ECONOMY



International Data

E. 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. ^f	Sept. ^p
Exports of goods and services	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
Goods	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 ¹	-11,244	-9,708	-767	-707	-836	-828	-777	-842	-730	-769	-731	-839	-884	-1,013	-753	-858
Services	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	2,422	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 ²	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
Imports of goods and services	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
Goods	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	28,945	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 ¹	5,369	6,395	364	631	609	652	547	577	586	610	604	788	591	228	271	246
Services	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 ²	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
Memoranda:																
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

^p Preliminary.

^f Revised.

1. Reflects adjustments necessary to bring the Census Bureau's component data in line with the concepts and

definitions used to prepare BEA's international and national accounts.

2. Contains goods that cannot be separately identified.

Source: U.S. Bureau of Economic Analysis and U.S. Bureau of the Census.

Table F.2.—U.S. International Transactions

[Millions of dollars]

Line	(Credits +, debits -) ¹	2000	Not seasonally adjusted					Seasonally adjusted				
			2000					2001				
			II	III	IV	I ^r	II ^p	II	III	IV	I ^r	II ^p
Current account												
1	Exports of goods and services and income receipts	1,418,568	355,842	359,403	365,402	351,834	338,861	355,075	361,236	362,617	354,624	338,335
2	Exports of goods and services	1,065,702	266,347	270,858	273,621	265,614	260,920	265,822	272,497	270,131	269,092	260,507
3	Goods, balance of payments basis ²	772,210	193,698	193,488	200,018	193,701	188,036	191,558	199,273	196,237	194,942	185,838
4	Services ³	293,492	72,649	77,370	73,603	71,913	72,884	74,264	73,224	73,894	74,150	74,669
5	Transfers under U.S. military agency sales contracts ⁴	14,060	3,910	3,329	3,420	3,380	3,580	3,910	3,329	3,420	3,380	3,580
6	Travel	82,042	21,236	23,427	19,487	18,170	20,970	20,976	20,226	20,392	20,777	20,703
7	Passenger fares	20,745	5,237	5,874	5,007	4,648	4,961	5,342	5,213	5,177	5,016	5,057
8	Other transportation	30,185	7,615	7,964	7,571	7,085	7,152	7,619	7,593	7,609	7,418	7,160
9	Royalties and license fees ⁵	38,030	9,270	9,361	10,300	9,304	9,560	9,525	9,538	9,624	9,555	9,843
10	Other private services ⁵	107,568	25,168	27,195	27,593	29,099	26,439	26,679	27,105	27,447	27,777	28,104
11	U.S. Government miscellaneous services	862	213	220	225	227	222	213	220	225	227	222
12	Income receipts	352,866	89,495	88,545	91,781	86,220	77,941	89,253	88,739	92,486	85,532	77,828
13	Income receipts on U.S.-owned assets abroad	350,525	88,912	87,957	91,186	85,606	77,322	88,670	88,151	91,891	84,918	77,209
14	Direct investment receipts	149,240	37,955	37,046	38,930	37,706	35,511	37,591	37,335	39,581	37,081	35,320
15	Other private receipts	197,440	49,941	49,971	51,514	46,920	41,096	49,941	49,771	51,514	46,920	41,096
16	U.S. Government receipts	3,845	1,016	940	742	980	715	1,138	845	796	917	793
17	Compensation of employees	2,341	583	588	595	614	619	583	588	595	614	619
18	Imports of goods and services and income payments	-1,809,099	-452,269	-471,062	-465,770	-440,072	-434,064	-450,748	-463,461	-462,268	-454,668	-432,766
19	Imports of goods and services	-1,441,441	-357,643	-377,282	-374,089	-350,031	-350,242	-356,606	-369,837	-370,424	-364,115	-349,445
20	Goods, balance of payments basis ²	-1,224,417	-301,727	-317,721	-320,468	-297,588	-291,865	-303,229	-313,884	-314,757	-307,462	-293,639
21	Services ³	-217,024	-55,916	-59,561	-53,621	-52,443	-58,377	-53,377	-55,953	-55,667	-56,653	-55,806
22	Direct defense expenditures	-13,560	-3,382	-3,541	-3,375	-3,567	-3,455	-3,382	-3,541	-3,375	-3,567	-3,455
23	Travel	-64,537	-18,320	-18,748	-13,595	-13,675	-18,404	-16,123	-16,075	-15,940	-16,160	-16,235
24	Passenger fares	-24,197	-6,645	-6,923	-5,333	-5,434	-6,944	-6,146	-6,226	-6,020	-5,953	-6,406
25	Other transportation	-41,058	-10,034	-10,932	-10,787	-10,100	-9,765	-10,097	-10,554	-10,718	-10,514	-9,823
26	Royalties and license fees ⁵	-16,106	-3,644	-4,381	-4,561	-4,000	-4,535	-3,715	-4,535	-4,253	-4,166	-4,062
27	Other private services ⁵	-54,687	-13,177	-14,312	-15,243	-14,859	-15,072	-13,200	-14,298	-14,634	-15,555	-15,088
28	U.S. Government miscellaneous services	-2,879	-714	-724	-727	-738	-737	-714	-727	-727	-738	-737
29	Income payments	-367,658	-94,626	-93,780	-91,681	-90,041	-83,822	-94,142	-93,624	-91,844	-90,553	-83,321
30	Income payments on foreign-owned assets in the United States	-360,146	-92,836	-91,854	-89,628	-88,201	-81,969	-92,259	-91,771	-89,920	-88,579	-81,365
31	Direct investment payments	-68,009	-20,051	-16,369	-13,586	-14,030	-12,838	-19,474	-16,286	-13,878	-14,408	-12,234
32	Other private payments	-184,465	-45,884	-48,116	-48,714	-47,180	-42,751	-45,884	-48,714	-47,180	-47,180	-42,751
33	U.S. Government payments	-107,672	-26,901	-27,369	-27,328	-26,991	-26,380	-26,901	-27,369	-27,328	-26,991	-26,380
34	Compensation of employees	-7,512	-1,790	-1,926	-2,053	-1,853	-1,853	-1,883	-1,853	-1,924	-1,974	-1,956
35	Unilateral current transfers, net	-54,136	-11,978	-12,890	-17,067	-12,030	-11,539	-12,461	-13,080	-16,673	-11,734	-12,067
36	U.S. Government grants ⁴	-16,821	-3,232	-3,634	-7,043	-2,419	-2,498	-3,232	-3,634	-7,043	-2,419	-2,498
37	U.S. Government pensions and other transfers	-4,705	-912	-1,024	-1,682	-1,167	-934	-1,179	-1,183	-1,177	-1,237	-1,213
38	Private remittances and other transfers ⁶	-32,610	-7,834	-8,232	-8,342	-8,444	-8,107	-8,050	-8,263	-8,453	-8,078	-8,356
Capital and financial account												
Capital account												
39	Capital account transactions, net	705	173	175	184	173	177	173	175	184	173	177
Financial account												
40	U.S.-owned assets abroad, net (increase/financial outflow (-))	-580,952	-95,853	-109,669	-174,798	-246,201	-65,411	-93,573	-107,727	-181,548	-243,120	-63,322
41	U.S. official reserve assets, net	-290	2,020	-346	-1,410	190	-1,343	2,020	-346	-1,410	190	-1,343
42	Gold ⁷	-722	-180	-182	-180	-189	-156	-180	-182	-180	-189	-156
43	Special drawing rights	2,308	2,328	1,300	-1,083	574	-1,015	2,328	1,300	-1,083	574	-1,015
44	Reserve position in the International Monetary Fund	-1,876	-128	-1,464	-147	-195	-172	-128	-1,464	-147	-195	-172
45	Foreign currencies	-944	-572	114	-359	21	-761	-572	114	-359	21	-761
46	U.S. Government assets, other than official reserve assets, net	-5,177	-1,368	-1,050	-1,009	-1,094	-1,314	-1,368	-1,050	-1,009	-1,094	-1,314
47	Repayments on U.S. credits and other long-term assets ⁸	4,257	855	1,265	808	1,015	555	855	1,265	808	1,015	555
48	U.S. foreign currency holdings and U.S. short-term assets, net	-24	-59	-101	-158	100	-2	-59	-101	-158	100	-2
49	U.S. private assets, net	-579,718	-97,301	-109,437	-173,029	-246,412	-63,307	-95,021	-107,995	-179,779	-243,331	-61,218
50	Direct investment	-152,437	-35,626	-43,576	-32,320	-44,021	-37,691	-33,346	-41,634	-39,070	-40,940	-35,602
51	Foreign securities	-124,935	-39,639	-33,129	-24,621	-31,591	-48,240	-39,639	-33,129	-24,621	-31,591	-48,240
52	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	-163,846	-29,491	-14,585	-44,514	-61,011	13,433	-29,491	-14,585	-44,514	-61,011	13,433
53	U.S. claims reported by U.S. banks, not included elsewhere	-138,500	7,455	-18,147	-71,574	-109,789	9,191	7,455	-18,147	-71,574	-109,789	9,191
55	Foreign-owned assets in the United States, net (increase/financial inflow(+))	1,024,218	250,178	223,317	293,538	347,052	188,467	250,007	222,108	295,321	364,660	188,002
56	Foreign official assets in the United States, net	37,619	6,447	12,247	-3,573	4,898	-22,430	6,447	12,247	-3,573	4,898	-22,430
57	U.S. Government securities	30,676	6,334	5,271	-5,240	2,547	-10,849	6,334	5,271	-5,240	2,547	-10,849
58	U.S. Treasury Securities ⁹	-10,233	-4,000	-9,001	-13,436	-1,027	-20,781	-4,000	-9,001	-13,436	-1,027	-20,781
59	Other ¹⁰	40,909	10,334	14,272	8,196	3,574	9,932	10,334	14,272	8,196	3,574	9,932
60	Other U.S. Government liabilities ¹¹	-1,987	-1,000	-220	-293	-1,246	-1,138	-1,000	-220	-293	-1,246	-1,138
61	U.S. liabilities reported by US banks, not included elsewhere	5,803	209	6,884	980	2,594	-11,471	209	6,884	980	2,594	-11,471
62	Other foreign official assets ¹²	3,127	904	312	980	1,003	1,028	904	312	980	1,003	1,028
63	Other foreign assets in the United States, net	986,599	243,731	211,070	297,111	342,154	210,897	243,560	209,861	298,894	341,762	210,432
64	Direct investment	287,655	90,565	77,255	82,924	52,864	67,628	90,565	77,255	82,924	52,864	67,628
65	U.S. Treasury securities	-52,792	-20,546	-12,503	-10,395	656	-8,275	-20,546	-12,503	-10,395	656	-8,275
66	U.S. securities other than US Treasury securities	485,644	94,400	128,393	126,643	148,809	132,671	94,400	128,393	126,643	148,809	132,671
67	U.S. currency	1,129	989	757	6,230	2,311	2,772	989	757	6,230	2,311	2,772
68	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	177,010	24,400	19,078	48,344	130,624	-34,022	24,400	19,078	48,344	130,624	-34,022
69	U.S. liabilities reported by US banks, not included elsewhere	87,953	53,923	-1,910	43,365	6,890	50,123	53,923	-1,910	43,365	6,890	50,123
70	Statistical discrepancy (sum of above items with sign reversed)	696	-46,093	10,726	-1,489	-756	-16,491	-48,473	749	2,367	8,065	-18,359
70a	Of which seasonal adjustment discrepancy							-2,380	-9,977	3,856	8,821	-1,868
Memoranda:												
71	Balance on goods (lines 3 and 20)	-452,207	-108,029	-124,233	-120,450	-103,887	-103,829	-111,671	-114,611	-118,520	-112,520	-107,801
72	Balance on services (lines 4 and 21)	76,468	16,733	17,809	19,982	19,470	14,507	20,887	17,271	18,227	17,497	18,863
73	Balance on goods and services (lines 2 and 19)	-375,739	-91,296	-106,424	-100,468	-84,417	-89,322	-90,784	-97,340	-100,293	-95,023	-88,938
74	Balance on income (lines 12 and 29)	-14,792	-5,131	-5,235	100	-3,821	-4,889	-4,889	-4,885	642	-5,021	-5,493
75	Unilateral current transfers, net (line 35)	-54,136	-11,978	-12,890	-17,067	-12,030	-11,539	-12,461				

Table F.3.—U.S. International Transactions, by Area

[Millions of dollars]

Line	(Credits +, debits -) ¹	Western Europe			European Union ¹⁴			United Kingdom			European Union (6) ¹⁵		
		2000		2001	2000		2001	2000		2001	2000		2001
		IV	I ^r	II ^P	IV	I ^r	II ^P	IV	I ^r	II ^P	IV	I ^r	II ^P
Current account													
1	Exports of goods and services and income receipts	113,025	111,346	108,470	101,245	99,330	96,336	33,437	32,439	32,618	51,086	50,299	48,477
2	Exports of goods and services	73,502	71,644	72,031	66,759	64,081	64,234	19,047	17,233	19,009	36,236	35,371	34,257
3	Goods, balance of payments basis ²	47,192	47,894	45,841	43,226	43,062	40,692	11,038	10,358	11,305	25,545	25,768	23,404
4	Services ³	26,310	23,750	26,190	23,533	21,019	23,542	8,009	6,875	7,704	10,691	9,603	10,853
5	Transfers under U.S. military agency sales contracts ⁴	738	899	1,090	576	556	728	96	82	101	237	196	284
6	Travel	6,328	5,206	6,953	5,752	4,696	6,379	2,592	1,971	2,566	2,155	1,889	2,684
7	Passenger fares	1,680	1,380	1,706	1,632	1,336	1,641	765	580	637	699	616	812
8	Other transportation	2,296	2,212	2,250	1,991	1,873	1,947	486	450	474	1,027	946	987
9	Royalties and license fees ⁵	4,919	4,374	4,503	4,395	3,927	4,104	909	769	813	2,145	1,880	1,917
10	Other private services ⁵	10,304	9,636	9,646	9,146	8,523	8,706	3,153	3,012	3,102	4,400	4,055	4,149
11	U.S. Government miscellaneous services	45	43	42	41	38	37	8	11	11	28	21	20
12	Income receipts	39,523	39,702	36,439	34,486	35,249	32,102	14,390	15,206	13,609	14,850	14,928	14,220
13	Income receipts on U.S.-owned assets abroad	39,485	39,663	36,399	34,451	35,213	32,065	14,372	15,188	13,590	14,837	14,914	14,207
14	Direct investment receipts	16,098	17,368	16,738	13,689	15,122	14,363	4,774	5,737	5,414	6,537	6,977	6,943
15	Other private receipts	23,194	22,010	19,460	20,590	19,838	17,525	9,580	9,451	8,176	8,161	7,754	7,101
16	U.S. Government receipts	193	285	201	172	253	177	18	18	18	139	183	163
17	Compensation of employees	38	39	40	35	36	37	18	18	19	13	14	13
18	Imports of goods and services and income payments	-134,074	-130,853	-133,478	-120,565	-117,303	-119,587	-43,331	-43,633	-43,663	-58,931	-57,206	-58,587
19	Imports of goods and services	-87,745	-84,455	-88,462	-78,640	-75,556	-78,946	-18,214	-17,360	-17,861	-44,839	-44,113	-45,875
20	Goods, balance of payments basis ²	-64,851	-63,104	-62,499	-58,691	-56,885	-56,025	-11,418	-10,964	-10,507	-34,941	-34,681	-34,191
21	Services ³	-22,894	-21,349	-25,963	-19,949	-18,671	-22,921	-6,796	-6,396	-7,354	-9,898	-9,432	-11,684
22	Direct defense expenditures	-2,016	-2,076	-2,005	-1,578	-1,655	-1,655	-161	-161	-160	-1,274	-1,373	-1,380
23	Travel	-4,115	-3,862	-7,155	-3,817	-3,538	-6,436	-1,508	-1,260	-1,771	-1,754	-1,777	-3,326
24	Passenger fares	-2,670	-2,723	-4,092	-2,400	-2,461	-3,697	-960	-1,019	-1,452	-1,024	-1,065	-1,611
25	Other transportation	-3,600	-3,406	-3,342	-2,916	-2,700	-2,694	-684	-601	-639	-1,429	-1,326	-1,315
26	Royalties and license fees ⁵	-2,751	-1,966	-1,817	-2,174	-1,513	-1,404	-394	-346	-227	-1,276	-854	-890
27	Other private services ⁵	-7,448	-7,030	-7,265	-6,810	-6,561	-6,791	-3,068	-2,989	-3,085	-2,937	-2,844	-2,968
28	U.S. Government miscellaneous services	-294	-286	-287	-254	-243	-244	-21	-20	-20	-204	-193	-194
29	Income payments	-46,329	-46,382	-45,016	-41,925	-41,747	-40,641	-25,117	-26,273	-25,802	-14,092	-13,093	-12,712
30	Income payments on foreign-owned assets in the United States	-46,264	-46,318	-44,964	-41,873	-41,696	-40,597	-25,102	-26,258	-25,788	-14,061	-13,063	-12,686
31	Direct investment payments	-10,159	-10,971	-11,001	-9,653	-9,903	-9,832	-3,408	-4,734	-4,714	-5,893	-5,015	-5,093
32	Other private payments	-25,620	-24,989	-23,867	-22,467	-22,156	-21,375	-16,257	-16,080	-15,708	-5,027	-4,976	-4,643
33	U.S. Government payments	-10,485	-10,358	-10,096	-9,753	-9,637	-9,390	-5,437	-5,444	-5,366	-3,141	-3,072	-2,950
34	Compensation of employees	-65	-64	-52	-52	-51	-44	-15	-15	-14	-31	-30	-26
35	Unilateral current transfers, net	-469	-379	-234	-201	-16	12	175	364	370	70	-101	-91
36	U.S. Government grants ⁴	-78	-187	-116	-1	-1	.....	.....	.....	.....	.....	.....	.....
37	U.S. Government pensions and other transfers	-398	-373	-359	-311	-326	-325	-54	-58	-53	-71	-179	-184
38	Private remittances and other transfers ⁶	7	181	241	111	311	337	229	422	423	77	78	93
Capital and financial account													
Capital account													
39	Capital account transactions, net	40	35	35	36	28	28	12	10	10	18	13	13
Financial account													
40	U.S.-owned assets abroad, net (increase/financial outflow (-))	-75,922	-188,741	-59,335	-89,017	-161,085	-45,288	-46,986	-113,756	-4,128	-24,666	-44,585	-44,420
41	U.S. official reserve assets, net	-1,200	250	-164	-389	-124	-96	.....	.....	.....	.....	.....	.....
42	Gold ⁷	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Special drawing rights	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
44	Reserve position in the International Monetary Fund	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Foreign currencies	-1,200	250	-164	-389	-124	-96	.....	.....	.....	.....	.....	.....
46	U.S. Government assets, other than official reserve assets, net	246	195	92	188	135	16	136	-1	-1	20	-13	3
47	U.S. credits and other long-term assets	-31	-13	-26	-8	-12	-25	.....	.....	.....	.....	.....	.....
48	Repayments on U.S. credits and other long-term assets ⁸	247	237	112	174	161	40	135	.....	.....	.....	.....	.....
49	U.S. foreign currency holdings and U.S. short-term assets, net	30	-29	6	22	-14	1	.....	.....	.....	.....	.....	.....
50	U.S. private assets, net	-74,968	-189,186	-59,263	-88,816	-161,096	-45,208	-47,122	-113,755	-4,127	-24,686	-44,572	-44,423
51	Direct investment	-14,670	-17,143	-22,893	-13,238	-15,691	-18,786	-4,896	-8,875	-3,797	-5,555	-4,864	-14,639
52	Foreign securities	-21,712	-24,131	-25,910	-13,073	-22,341	-27,140	-15,988	-23,354	-6,866	3,524	-1,012	-21,227
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	-373	-61,557	.....	-7,360	-61,342	.....	-2,118	-52,519	.....	-1,080	-9,570	.....
54	U.S. claims reported by U.S. banks, not included elsewhere	-38,213	-86,355	-10,460	-55,145	-61,722	718	-24,120	-29,007	6,536	-21,575	-29,126	-8,557
55	Foreign-owned assets in the United States, net (increase/financial inflow (+))	132,883	272,525	167,773	149,565	252,429	148,942	72,285	177,820	55,559	65,502	65,560	84,668
56	Foreign official assets in the United States, net	-9,492	-1,482	-4,420	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
57	U.S. Government securities	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
58	U.S. Treasury Securities ⁹	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
59	Other ¹⁰	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
60	Other U.S. Government liabilities ¹¹	19	-341	-479	(18)	-60	-66	9	18	5	25	24	-61
61	U.S. liabilities reported by U.S. banks, not included elsewhere	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
62	Other foreign official assets ¹²	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
63	Other foreign assets in the United States, net	142,375	274,007	172,193	149,583	252,440	148,960	72,285	177,820	55,559	65,502	65,560	84,668
64	Direct investment	63,160	50,085	61,761	49,913	38,154	60,089	14,874	10,883	6,647	25,533	27,092	51,579
65	U.S. Treasury securities	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
66	U.S. securities other than U.S. Treasury securities	81,088	96,831	78,427	81,406	91,059	75,791	56,543	61,404	54,440	19,326	23,699	16,414
67	U.S. currency	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	28,101	108,476	.....	39,805	88,977	.....	24,024	74,383	.....	14,924	12,921	.....
69	U.S. liabilities reported by U.S. banks, not included elsewhere	(17)	(17)	(17)	-21,647	34,299	13,128	-23,165	31,132	-5,533	5,694	1,824	16,736
70	Statistical discrepancy (sum of above items with sign reversed)	-35,483	-63,951	-83,231	-41,063	-73,383	-80,443	-15,592	-53,244	-40,766	-32,915	-13,980	-30,060
Memoranda:													
71	Balance on goods (lines 3 and 20)	-17,659	-15,210	-16,658	-15,465	-13,823	-15,333	-380	-606	798	-9,396	-8,913	-10,787
72	Balance on services (lines 4 and 21)	3,416	2,401	227	3,584	2,348	621	1,213	479	350	793	171	-831
73	Balance on goods and services (lines 2 and 19)	-14,243	-12,809	-16,431	-11,881	-11,475	-14,712	833	-127	1,148	-8,603	-8,742	-11,618
74	Balance on income (lines 12 and 29)	-6,806	-6,680	-8,577	-7,439	-6,498	-8,539	-10,727	-11,067	-12,193	758	1,835	1,508
75	Unilateral current transfers, net (line 35)	-469	-379	-234	-201	-16	12	175	364	370	-94	-101	-91
76	Balance on current account (lines 1, 18 and 35 or lines 73, 74, and 75) ¹³	-21,518	-19,868	-25,242	-19,521	-17,989	-23,239	-9,719	-10,830	-10,675	-7,939	-7,008	-10,201

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

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

8. Includes sales of foreign obligations to foreigners.

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

10. Consists of U.S. Treasury and Export-Import Bank obligations, not included elsewhere, and of debt

Table F.3.—U.S. International Transactions, by Area—Continued

[Millions of dollars]

Line	(Credits +, debits -) ¹	Eastern Europe			Canada			Latin America and Other Western Hemisphere			Japan		
		2000		2001	2000		2001	2000		2001	2000		2001
		IV	I ^r	II ^P	IV	I ^r	II ^P	IV	I ^r	II ^P	IV	I ^r	II ^P
Current account													
1	Exports of goods and services and income receipts	3,732	3,934	3,795	56,851	55,941	57,041	79,099	73,560	70,407	29,958	27,724	25,195
2	Exports of goods and services	2,630	2,819	2,922	49,898	49,378	50,972	57,995	54,452	54,060	25,500	24,939	22,890
3	Goods, balance of payments basis ²	1,641	1,694	1,829	44,281	42,649	44,643	44,073	41,410	40,606	16,743	16,062	14,574
4	Services ³	989	1,125	1,093	5,617	6,729	6,329	13,922	13,042	13,454	8,757	8,877	8,316
5	Transfers under U.S. military agency sales contracts ⁴	63	131	142	40	25	48	190	159	238	134	227	164
6	Travel	313	296	362	1,438	1,973	1,889	5,581	4,852	5,291	2,483	2,709	2,355
7	Passenger fares	21	18	27	364	587	480	1,459	1,308	1,357	902	797	844
8	Other transportation	78	58	60	669	621	683	877	802	813	877	809	833
9	Royalties and license fees ⁵	69	63	68	571	513	507	841	747	794	1,883	1,736	1,761
10	Other private services ⁵	432	545	420	2,514	2,986	2,698	4,932	5,132	4,918	2,461	2,578	2,343
11	U.S. Government miscellaneous services	13	14	14	21	24	24	42	42	43	17	21	16
12	Income receipts	1,102	1,115	873	6,953	6,563	6,069	21,104	19,108	16,347	4,458	2,785	2,305
13	Income payments on U.S.-owned assets abroad	1,097	1,110	868	6,934	6,543	6,049	21,072	19,074	16,314	4,456	2,783	2,303
14	Direct investment receipts	513	475	376	3,749	3,684	3,489	5,123	4,566	4,291	2,347	1,535	1,216
15	Other private receipts	543	511	483	3,185	2,859	2,560	15,863	14,411	11,932	2,102	1,236	1,078
16	U.S. Government receipts	41	124	9	.....	.....	.....	86	97	91	7	12	9
17	Compensation of employees	5	5	.....	19	.....	20	32	34	33	2	2	2
18	Imports of goods and services and income payments	-5,147	-5,652	-4,831	-65,336	-62,088	-63,366	-83,701	-80,677	-77,541	-53,569	-50,395	-45,716
19	Imports of goods and services	-4,404	-4,951	-4,155	-63,789	-61,629	-63,888	-63,819	-61,619	-61,034	-43,192	-39,478	-36,113
20	Goods, balance of payments basis ²	-3,947	-4,438	-3,256	-60,154	-57,875	-59,195	-53,964	-51,560	-50,826	-38,600	-34,630	-31,164
21	Services ³	-457	-513	-899	-3,635	-3,754	-4,693	-9,855	-10,059	-10,208	-4,592	-4,848	-4,949
22	Direct defense expenditures	-29	-45	-45	-18	-23	-20	-90	-99	-90	-320	-282	-370
23	Travel	-171	-244	-524	-1,081	-1,030	-1,842	-4,107	-4,571	-4,702	-652	-664	-794
24	Passenger fares	-62	-51	-129	-170	-136	-197	-755	-736	-798	-253	-216	-257
25	Other transportation	-59	-50	-53	-881	-841	-849	-852	-786	-780	-1,466	-1,366	-1,310
26	Royalties and license fees ⁵	-19	-9	-17	-265	-239	-444	-300	-264	-268	-938	-1,358	-1,210
27	Other private services ⁵	-103	-99	-117	-1,168	-1,425	-1,282	-3,620	-3,476	-3,442	-928	-925	-972
28	U.S. Government miscellaneous services	-14	-15	-14	-52	-60	-59	-131	-127	-128	-35	-37	-36
29	Income payments	-743	-701	-676	-1,547	-1,459	522	-19,882	-19,058	-16,507	-10,377	-10,917	-9,603
30	Income payments on foreign-owned assets in the United States	-729	-687	-666	-1,482	-392	584	-18,158	-17,546	-14,901	-10,359	-10,900	-9,592
31	Direct investment payments	-25	-37	-56	536	1,396	2,256	-713	-655	-313	-1,130	-1,827	-1,042
32	Other private payments	-307	-253	-222	-1,464	-1,264	-1,158	-14,097	-13,396	-11,156	-2,468	-2,378	-2,122
33	U.S. Government payments	-397	-397	-388	-554	-524	-514	-3,348	-3,495	-3,432	-6,761	-6,695	-6,428
34	Compensation of employees	-14	-14	-10	-65	-67	-62	-1,724	-1,512	-1,606	-18	-17	-11
35	Unilateral current transfers, net	-742	-909	-1,077	-170	-199	-174	-3,986	-4,156	-4,097	-43	-113	-48
36	U.S. Government grants ⁴	-276	-399	-596	.....	.....	.....	-505	-506	-456	.....	.....	.....
37	U.S. Government pensions and other transfers	-12	-13	-11	-125	-130	-140	-228	-189	-168	-29	-30	-24
38	Private remittances and other transfers ⁶	-454	-497	-470	-45	-69	-34	-3,253	-3,461	-3,473	-14	-83	-24
Capital and financial account													
Capital account													
39	Capital account transactions, net	7	4	4	27	31	29	68	58	65	6	8	8
Financial account													
40	U.S.-owned assets abroad, net (increase/financial outflow (-))	-198	-1,028	165	-14,844	-5,436	-13,348	-87,570	-18,332	16,838	3,771	-22,192	-2,207
41	U.S. official reserve assets, net .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,053	-445	-8
42	Gold ⁷ .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Special drawing rights .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
44	Reserve position in the International Monetary Fund .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Foreign currencies .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,053	-445	-8
46	U.S. Government assets, other than official reserve assets, net	48	19	-33	.....	.....	.....	-62	-82	59	3	-1	-1
47	U.S. credits and other long-term assets	-153	-2	-36	.....	.....	.....	-158	-249	-69	.....	.....	.....
48	Repayments on U.S. credits and other long-term assets ⁸	201	21	3	.....	.....	.....	106	175	128	.....	.....	.....
49	U.S. foreign currency holdings and U.S. short-term assets, net .....	.....	.....	.....	.....	.....	.....	-10	-8	.....	3	-1	-1
50	U.S. private assets, net	-246	-1,047	198	-14,844	-5,436	-13,348	-87,508	-18,250	16,779	2,715	-21,746	-2,198
51	Direct investment	-384	-1,188	-454	-4,514	-4,537	-4,266	-3,459	-9,173	-1,888	-1,984	-2,619	-346
52	Foreign securities	459	885	180	-6,801	623	-2,293	-3,375	-3,254	-11,349	2,654	-6,150	-6,890
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	-49	183	.....	-919	3,608	.....	-45,311	4,400	10,036	937	5,231	.....
54	U.S. claims reported by U.S. banks, not included elsewhere	-272	-927	472	-2,610	-5,130	-6,789	-35,363	-10,223	19,980	1,108	-7,746	5,038
55	Foreign-owned assets in the United States, net (increase/financial inflow (+))	5,818	-56	8,312	14,868	2,210	9,450	76,150	33,653	-6,432	35,767	4,612	7,874
56	Foreign official assets in the United States, net	(18)	(18)	(18)	-449	-2,000	1,153	(18)	(18)	(18)	(18)	(18)	(18)
57	U.S. Government securities	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
58	U.S. Treasury Securities ⁹	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
59	Other ¹⁰	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
60	Other US Government liabilities ¹¹	1	9	-1	-22	-2	-24	61	68	-109	-120	-235	-87
61	U.S. liabilities reported by U.S. banks, not included elsewhere	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
62	Other foreign official assets ¹²	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
63	Other foreign assets in the United States, net	(18)	(18)	(18)	15,317	4,210	8,297	(18)	(18)	(18)	(18)	(18)	(18)
64	Direct investment	-67	175	1,435	9,957	1,170	846	1,651	235	849	3,499	-141	796
65	U.S. Treasury securities	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
66	U.S. securities other than U.S. Treasury securities	1,082	265	325	6,490	5,273	5,188	5,005	15,175	24,486	18,959	8,228	9,105
67	U.S. currency .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	34	-168	.....	3,447	4,442	.....	17,901	18,899	-31,288	3,946	-1,508	.....
69	U.S. liabilities reported by U.S. banks, not included elsewhere	4,768	-337	6,553	(17)	(17)	(17)	51,532	-724	-370	9,483	-1,732	-1,940
70	Statistical discrepancy (sum of above items with sign reversed)	-3,470	3,707	-6,368	8,604	9,541	10,368	19,940	-4,106	760	-15,890	40,356	14,894
Memoranda:													
71	Balance on goods (lines 3 and 20)	-2,306	-2,744	-1,427	-15,873	-15,226	-14,552	-9,891	-10,150	-10,220	-21,857	-18,568	-16,590
72	Balance on services (lines 4 and 21)	532	612	194	1,982	2,975	1,636	4,067	2,983	3,246	4,165	4,029	3,367
73	Balance on goods and services (lines 2 and 19)	-1,774	-2,132	-1,233	-13,891	-12,251	-12,916	-5,824	-7,167	-6,974	-17,692	-14,539	-13,223
74	Balance on income (lines 12 and 29)	359	414	197	5,406	6,104	6,591	1,222	50	-160	-5,919	-8,132	-7,298
75	Unilateral current transfers, net (line 35)	-742	-909	-1,077	-170	-199	-174	-3,986	-4,156	-4,097	-43	-113	-48
76	Balance on current account (lines 1, 18 and 35 or lines 73, 74, and 75) ¹³	-2,157	-2,627	-2,113	-8,655	-6,346	-6,499	-8,588	-11,273	-11,231	-23,654	-22,784	-20,569

13. Conceptually, line 76 is equal to "net foreign investment" in the national income and product accounts (NIPAs). However, the foreign transactions account in the NIPAs (a) includes adjustments to the international transactions accounts for the treatment of gold, (b) includes adjustments for the different geographical treatment of transactions with U.S. territories and Puerto Rico, and (c) includes services furnished without payment by financial pension plans except life insurance carriers and private noninsured pension plans. A reconciliation of the balance on goods and services from the international accounts and the NIPA net exports appears in

reconciliation table 2 in appendix A in this issue. A reconciliation of the other foreign transactions in the two sets of accounts appears in table 4.5B of the full set of NIPA tables published annually in the August issue of the Survey.

14. The "European Union" includes the "European Union (6)," United Kingdom, Denmark, Ireland, Greece, Spain, and Portugal. Beginning with the first quarter of 1995, the "European Union" also includes Austria, Finland, and Sweden.

Table F.3.—U.S. International Transactions, by Area—Continued

[Millions of dollars]

Line	(Credits +, debits -) ¹	Australia			Other countries in Asia and Africa			International organizations and unallocated ¹⁶		
		2000	2001		2000	2001		2000	2001	
		IV	I ^r	II ^P	IV	I ^r	II ^P	IV	I ^r	II ^P
Current account										
1	Exports of goods and services and income receipts	6,386	5,463	5,646	67,250	65,272	59,637	9,101	8,594	8,670
2	Exports of goods and services	4,273	3,996	4,134	58,213	56,853	52,383	1,610	1,533	1,528
3	Goods, balance of payments basis ²	2,940	2,704	2,638	43,148	41,288	37,905	.....	.....	.....
4	Services ³	1,333	1,292	1,496	15,065	15,565	14,478	1,610	1,533	1,528
5	Transfers under U.S. military agency sales contracts ⁴	34	61	108	2,221	1,878	1,790	.....	.....	.....
6	Travel	406	365	502	2,938	2,769	3,618	.....	.....	.....
7	Passenger fares	125	113	131	456	445	416	.....	.....	.....
8	Other transportation	78	72	77	2,557	2,371	2,309	139	140	127
9	Royalties and license fees ⁵	186	177	185	1,298	1,210	1,243	533	484	499
10	Other private services ⁵	502	502	491	5,510	6,811	5,021	938	909	902
11	U.S. Government miscellaneous services	2	2	2	85	81	81	.....	.....	.....
12	Income receipts	2,113	1,467	1,512	9,037	8,419	7,254	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	20	21	21	478	492	497
18	Imports of goods and services and income payments	-2,944	-2,528	-3,341	-117,210	-104,148	-102,114	-3,789	-3,749	-3,677
19	Imports of goods and services	-2,526	-2,331	-2,538	-107,916	-94,838	-93,364	-698	-732	-688
20	Goods, balance of payments basis ²	-1,669	-1,457	-1,664	-97,283	-84,524	-83,261	.....	.....	.....
21	Services ³	-857	-874	-874	-10,633	-10,314	-10,103	-698	-732	-688
22	Direct defense expenditures	-16	-16	-15	-886	-1,026	-910	.....	.....	.....
23	Travel	-342	-398	-400	-3,127	-2,906	-2,987	.....	.....	.....
24	Passenger fares	-176	-164	-155	-1,247	-1,408	-1,316	.....	.....	.....
25	Other transportation	-59	-58	-55	-3,433	-3,119	-2,941	-437	-474	-435
26	Royalties and license fees ⁵	-16	-13	-16	-91	-81	-90	-181	-140	-138
27	Other private services ⁵	-239	-217	-225	-1,657	-1,570	-1,654	-80	-117	-115
28	U.S. Government miscellaneous services	-9	-8	-8	-192	-204	-205	.....	.....	.....
29	Income payments	-418	-197	-803	-9,294	-9,310	-8,750	-3,091	-3,017	-2,989
30	Income payments on foreign-owned assets in the United States	-416	-195	-802	-9,129	-9,146	-8,639	-3,091	-3,017	-2,989
31	Direct investment payments	17	195	-438	11	-31	-133	-2,123	-2,100	-2,111
32	Other private payments	-291	-253	-237	-3,503	-3,736	-3,117	-964	-911	-872
33	U.S. Government payments	-142	-137	-127	-5,637	-5,379	-5,389	-4	-6	-6
34	Compensation of employees	-2	-2	-1	-165	-164	-111	.....	.....	.....
35	Unilateral current transfers, net	-75	-90	-84	-8,852	-4,186	-3,870	-2,730	-1,998	-1,955
36	U.S. Government grants ⁴	.....	.....	.....	-6,016	-1,074	-1,159	-168	-253	-171
37	U.S. Government pensions and other transfers	-11	-11	-10	-123	-154	-132	-756	-267	-90
38	Private remittances and other transfers ⁶	-64	-79	-74	-2,713	-2,958	-2,579	-1,806	-1,478	-1,694
Capital and financial account										
Capital account										
39	Capital account transactions, net	2	1	1	34	36	35	.....	.....	.....
Financial account										
40	U.S.-owned assets abroad, net (increase/financial outflow (-))	521	1,255	774	4,940	-11,054	-5,188	-5,496	-673	-3,110
41	U.S. official reserve assets, net	.....	.....	.....	.....	.....	.....	-1,263	385	-1,171
42	Gold ⁷	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Special drawing rights	.....	.....	.....	.....	.....	.....	-180	-189	-156
44	Reserve position in the International Monetary Fund	.....	.....	.....	.....	.....	.....	-1,083	574	-1,015
45	Foreign currencies	.....	.....	.....	.....	.....	.....	.....	.....	.....
46	U.S. Government assets, other than official reserve assets, net	.....	.....	.....	-236	245	-501	-358	-355	-377
47	U.S. credits and other long-term assets	.....	.....	.....	-309	-475	-806	-358	-355	-377
48	Repayments on U.S. credits and other long-term assets ⁸	.....	.....	.....	254	582	312	.....	.....	.....
49	U.S. foreign currency holdings and US short-term assets, net	.....	.....	.....	-181	138	-7	.....	.....	.....
50	U.S. private assets, net	521	1,255	774	5,176	-11,299	-4,687	-3,875	-703	-1,562
51	Direct investment	-1,236	938	-615	-2,765	-6,939	-3,604	-3,308	-3,360	-3,625
52	Foreign securities	-69	-53	-1,992	4,655	-569	-108	-432	1,058	122
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	1,775	-61	.....	-494	-2,355	.....	-80	2	3,397
54	U.S. claims reported by U.S. banks, not included elsewhere	51	431	3,381	3,780	-1,436	-975	-55	1,597	-1,456
55	Foreign-owned assets in the United States, net (increase/financial inflow (+))	2,524	-786	-641	20,236	29,420	-2,969	5,292	5,474	5,100
56	Foreign official assets in the United States, net	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	1
57	U.S. Government securities	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	.....
58	U.S. Treasury Securities ⁹	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	.....
59	Other ¹⁰	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	.....
60	Other U.S. Government liabilities ¹¹	35	3	-53	-267	-748	-386	.....	.....	1
61	U.S. liabilities reported by U.S. banks, not included elsewhere	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	.....
62	Other foreign official assets ¹²	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	.....
63	Other foreign assets in the United States, net	(18)	(18)	(18)	(18)	(18)	(18)	5,292	5,474	5,099
64	Direct investment	1,082	-4	-392	1,904	-489	389	1,738	1,833	1,944
65	U.S. Treasury securities	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
66	U.S. securities other than U.S. Treasury securities	571	-129	-582	13,596	22,876	15,756	-148	290	-34
67	U.S. currency	.....	.....	.....	.....	.....	.....	6,230	2,311	2,772
68	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	-25	224	.....	-5,129	215	.....	69	44	-2,734
69	U.S. liabilities reported by U.S. banks, not included elsewhere	861	-880	386	10,132	7,566	-18,728	-2,597	996	3,151
70	Statistical discrepancy (sum of above items with sign reversed)	-6,414	-3,315	-2,355	33,602	24,660	54,469	-2,378	-7,648	-5,028
Memoranda:										
71	Balance on goods (lines 3 and 20)	1,271	1,247	974	-54,135	-43,236	-45,356	.....	.....	.....
72	Balance on services (lines 4 and 21)	476	418	622	4,432	5,251	4,375	912	801	840
73	Balance on goods and services (lines 2 and 19)	1,747	1,665	1,596	-49,703	-37,985	-40,981	912	801	840
74	Balance on income (lines 12 and 29)	1,695	1,270	709	-257	-891	-1,496	4,400	4,044	4,153
75	Unilateral current transfers, net (line 35)	-75	-90	-84	-8,852	-4,186	-3,870	-2,730	-1,998	-1,955
76	Balance on current account (lines 1, 18 and 35 or lines 73, 74, and 75) ¹³	3,367	2,845	2,221	-58,812	-43,062	-46,347	2,582	2,847	3,038

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

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

which geographic source data are not available.

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

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

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

Table F.4—Private Services Transactions

[Millions of dollars]

Line	2000	Not seasonally adjusted						Seasonally adjusted				
		2000			2001			2000			2001	
		II	III	IV	I ^r	II ^p	II	III	IV	I ^r	II ^p	
1	Exports of private services	278,570	68,526	73,821	69,958	68,306	69,082	70,141	69,675	70,249	70,543	70,867
2	Travel (table F2, line 6)	82,042	21,236	23,427	19,487	18,170	20,970	20,976	20,226	20,392	20,777	20,703
3	Passenger fares (table F2, line 7)	20,745	5,237	5,874	5,007	4,648	4,961	5,342	5,213	5,177	5,016	5,057
4	Other transportation (table F2, line 8)	30,185	7,615	7,964	7,571	7,085	7,152	7,619	7,593	7,609	7,418	7,160
5	Freight	13,236	3,319	3,342	3,388	3,093	3,082	3,297	3,372	3,333	3,139	3,062
6	Port services	16,950	4,296	4,622	4,183	3,992	4,070	4,322	4,221	4,276	4,279	4,098
7	Royalties and license fees (table F2, line 9)	38,030	9,270	9,361	10,300	9,304	9,560	9,525	9,538	9,624	9,555	9,843
8	Affiliated	26,621	6,447	6,485	7,365	6,301	6,485	6,702	6,662	6,689	6,552	6,768
9	U.S. parents' receipts	24,444	6,044	5,939	6,558	5,697	5,876	6,203	6,071	6,047	5,909	6,026
10	U.S. affiliates' receipts	2,177	403	546	807	604	609	499	591	642	643	742
11	Unaffiliated	11,409	2,823	2,876	2,935	3,003	3,075	2,823	2,876	2,935	3,003	3,075
12	Industrial processes ¹	4,421	1,095	1,116	1,138	1,159	1,181	1,095	1,116	1,138	1,159	1,181
13	Other ²	6,987	1,728	1,759	1,798	1,843	1,894	1,728	1,759	1,798	1,843	1,894
14	Other private services (table F2, line 10)	107,568	25,168	27,195	27,593	29,099	26,439	26,679	27,105	27,447	27,777	28,104
15	Affiliated services	31,628	7,505	7,797	8,872	8,495	8,485	7,738	7,954	8,212	8,786	8,767
16	U.S. parents' receipts	19,604	4,860	4,701	5,422	4,926	5,165	4,897	4,894	5,016	5,110	5,201
17	U.S. affiliates' receipts	12,024	2,645	3,096	3,450	3,569	3,320	2,841	3,060	3,196	3,676	3,566
18	Unaffiliated services	75,940	17,663	19,398	18,721	20,604	17,954	18,941	19,151	19,235	18,991	19,337
19	Education	10,287	1,292	2,778	2,114	4,365	1,377	2,540	2,608	2,668	2,649	2,726
20	Financial services	17,042	4,371	4,309	4,138	3,727	3,724	4,371	4,309	4,138	3,727	3,724
21	Insurance, net	2,412	595	671	667	770	796	595	671	667	770	796
22	Premiums received	8,898	2,182	2,294	2,375	2,425	2,456	2,182	2,294	2,375	2,425	2,456
23	Losses paid	6,486	1,587	1,624	1,708	1,655	1,660	1,587	1,624	1,708	1,655	1,660
24	Telecommunications	3,843	963	952	941	950	986	963	952	941	950	986
25	Business, professional, and technical services	28,026	6,949	7,018	7,099	7,149	7,316	6,949	7,018	7,099	7,149	7,316
26	Other unaffiliated services ³	14,331	3,494	3,671	3,762	3,642	3,755	3,524	3,594	3,722	3,745	3,789
27	Imports of private services	200,585	51,820	55,296	49,519	48,138	54,185	49,281	51,688	51,565	52,348	51,614
28	Travel (table F2, line 23)	64,537	18,320	18,748	13,595	13,675	18,404	16,123	16,075	15,940	16,160	16,235
29	Passenger fares (table F2, line 24)	24,197	6,645	6,923	5,333	5,434	6,944	6,146	6,226	6,020	5,953	6,406
30	Other transportation (table F2, line 25)	41,058	10,034	10,932	10,787	10,100	9,765	10,097	10,554	10,718	10,514	9,823
31	Freight	26,979	6,530	7,243	7,192	6,791	6,325	6,548	6,977	7,171	7,088	6,341
32	Port services	14,083	3,504	3,689	3,595	3,309	3,440	3,549	3,577	3,547	3,426	3,482
33	Royalties and license fees (table F2, line 26)	16,106	3,644	4,381	4,561	4,070	4,000	3,715	4,535	4,253	4,166	4,062
34	Affiliated	12,170	2,807	3,001	3,645	3,174	3,084	2,878	3,155	3,337	3,270	3,146
35	U.S. parents' payments	2,184	530	542	570	539	563	530	542	570	539	563
36	U.S. affiliates' payments	9,986	2,277	2,459	3,075	2,635	2,521	2,348	2,613	2,767	2,731	2,583
37	Unaffiliated	3,936	837	1,380	916	896	916	837	1,380	916	896	916
38	Industrial processes ¹	1,852	459	464	472	486	501	459	464	472	486	501
39	Other ²	2,084	378	916	444	410	415	378	916	444	410	415
40	Other private services (table F2, line 27)	54,687	13,177	14,312	15,243	14,859	15,072	13,200	14,298	14,634	15,555	15,088
41	Affiliated services	25,300	6,041	6,333	7,222	6,899	6,988	6,065	6,464	6,568	7,476	7,005
42	U.S. parents' payments	12,980	3,138	3,205	3,528	3,130	3,556	3,140	3,304	3,098	3,462	3,563
43	U.S. affiliates' payments	12,320	2,903	3,128	3,694	3,769	3,432	2,925	3,160	3,470	4,014	3,442
44	Unaffiliated services	29,387	7,136	7,979	8,021	7,960	8,084	7,135	7,834	8,066	8,079	8,083
45	Education	2,140	525	689	526	466	611	524	544	570	585	610
46	Financial services	4,482	1,157	1,195	1,027	1,104	1,069	1,157	1,195	1,027	1,104	1,069
47	Insurance, net	9,189	2,058	2,730	3,167	3,100	3,122	2,058	2,730	3,167	3,100	3,122
48	Premiums paid	27,923	6,809	7,242	7,569	7,791	7,951	6,809	7,242	7,569	7,791	7,951
49	Losses recovered	18,734	4,750	4,512	4,401	4,691	4,829	4,750	4,512	4,401	4,691	4,829
50	Telecommunications	5,360	1,337	1,331	1,283	1,252	1,217	1,337	1,331	1,283	1,252	1,217
51	Business, professional, and technical services	7,776	1,949	1,925	1,905	1,936	1,950	1,949	1,925	1,905	1,936	1,950
52	Other unaffiliated services ³	440	110	109	113	102	116	110	109	113	102	116
Memoranda:												
53	Balance on goods (table F2, line 71)	-452,207	-108,029	-124,233	-120,450	-103,887	-103,829	-111,671	-114,611	-118,520	-112,520	-107,801
54	Balance on private services (line 1 minus line 27)	77,985	16,706	18,525	20,439	20,168	14,897	20,860	17,987	18,684	18,195	19,253
55	Balance on goods and private services (lines 53 and 54)	-374,222	-91,323	-105,708	-100,011	-83,719	-88,932	-90,811	-96,624	-99,836	-94,325	-88,548

^p Preliminary.^r Revised.

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

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

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

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

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

G. Investment Tables

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

[Millions of dollars]

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

^p Preliminary.^r Revised.

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

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

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

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

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

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

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

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

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

[Millions of dollars]

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

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

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

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

	All nonbank affiliates						Majority-owned nonbank foreign affiliates (MOFA's)						
	Millions of dollars					Thou- sands of employ- ees	Millions of dollars						Thou- sands of employ- ees
	Total assets	Sales	Net income	U.S. ex- ports of goods shipped to affil- iates	U.S. im- ports of goods shipped by affil- iates		Total assets	Sales	Net income	Gross product	U.S. ex- ports of goods shipped to MOFA's	U.S. im- ports of goods shipped by MOFA's	
All countries, all industries	4,000,842	2,443,350	155,292	217,153	187,610	8,388.0	3,434,808	2,027,782	136,957	510,735	210,634	178,150	6,899.9
By country													
Canada	313,647	263,849	10,666	67,776	70,577	935.3	284,995	242,668	9,992	54,739	65,988	67,601	862.1
Europe	2,302,253	1,331,199	90,889	63,782	36,638	3,532.2	2,093,970	1,148,312	84,422	303,505	62,802	35,463	3,145.2
<i>Of which:</i>													
France	171,797	141,586	4,391	(^D)	3,907	501.1	146,118	123,941	4,538	35,915	5,362	3,729	447.9
Germany	279,338	253,825	11,759	8,322	4,542	643.1	233,313	188,259	9,820	56,464	8,304	4,519	590.0
Netherlands	244,324	140,385	16,601	(^D)	(^D)	179.9	226,984	118,114	14,904	20,243	13,605	2,739	167.5
United Kingdom	1,025,588	366,114	15,646	13,839	9,924	1,038.7	973,745	334,572	16,128	90,735	13,803	9,854	953.5
Latin America and Other Western Hemisphere	570,042	297,670	31,792	37,081	37,759	1,807.4	434,375	230,736	22,728	61,336	35,677	36,271	1,416.4
<i>Of which:</i>													
Brazil	129,977	83,715	5,003	4,168	2,882	395.1	84,673	64,555	3,239	21,922	4,015	2,753	341.5
Mexico	99,105	98,344	8,861	24,660	27,223	907.1	55,006	65,147	4,114	13,961	23,802	26,061	668.9
Africa	47,990	28,033	2,155	887	(^D)	202.9	35,867	20,830	1,551	6,752	856	1,542	111.2
Middle East	40,169	22,443	1,506	938	(^D)	88.6	16,591	9,340	784	3,764	696	855	49.5
Asia and Pacific	707,708	492,388	17,224	46,689	39,734	1,810.8	558,121	371,509	16,796	79,129	44,615	36,419	1,305.4
<i>Of which:</i>													
Australia	96,615	65,874	2,629	4,761	1,290	291.0	75,555	52,315	2,209	16,756	4,731	1,217	221.6
Japan	298,485	182,288	4,006	13,514	4,773	404.2	232,322	103,644	3,133	23,648	12,185	2,003	187.8
International	19,032	7,768	1,060	0	0	10.9	10,888	4,387	684	1,510	0	0	10.1
By industry													
Petroleum	341,685	340,447	10,269	4,762	11,414	241.8	252,603	233,056	6,988	89,484	4,655	11,383	176.9
Manufacturing	982,117	1,087,302	56,908	136,201	156,492	4,652.9	839,666	954,037	52,342	251,442	131,652	147,637	3,977.3
Food and kindred products	129,038	133,141	7,492	3,501	5,161	646.6	95,898	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
All countries, all industries	778,418	965,632	1,238,627	174,434	294,976	281,115	32,402	49,780	60,157
By country									
Canada.....	72,696	76,526	100,822	15,959	21,241	27,975	1,382	1,998	912
Europe.....	518,576	670,030	890,611	153,111	239,088	224,261	25,495	39,706	45,904
<i>Of which:</i>									
France.....	59,925	82,276	119,069	11,368	25,406	41,965	1,691	3,119	5,562
Germany.....	93,289	111,706	122,846	42,986	23,144	11,351	4,348	6,341	2,603
Luxembourg.....	26,804	57,047	83,304	13,819	27,633	26,777	1,187	2,634	4,839
Netherlands.....	92,298	125,775	152,432	6,533	40,412	22,462	6,139	7,430	9,221
Switzerland.....	48,263	53,706	81,698	4,509	3,365	21,850	854	4,351	4,171
United Kingdom.....	137,489	166,900	229,762	60,335	108,613	73,667	7,268	12,649	16,171
Latin America and Other Western Hemisphere.....	28,056	38,104	42,700	-2,569	16,410	4,326	1,286	1,120	2,928
<i>Of which:</i>									
Bermuda.....	3,735	12,590	14,942	-161	9,368	2,208	194	58	-320
Mexico.....	2,055	1,730	2,471	871	1,269	902	216	175	87
Panama.....	6,227	5,475	4,004	988	-209	-1,398	864	752	644
United Kingdom Islands, Caribbean.....	9,885	11,082	12,513	-1,469	4,474	1,005	-77	229	1,919
Africa.....	853	1,547	2,119	-601	417	670	-93	-78	10
Middle East.....	4,126	4,432	8,373	-762	372	3,909	274	149	1,855
Asia and Pacific.....	154,111	174,993	194,002	9,295	17,448	19,974	4,057	6,885	8,550
<i>Of which:</i>									
Australia.....	10,520	13,230	14,487	1,506	2,363	2,429	302	325	486
Japan.....	134,340	153,119	163,215	8,024	15,489	10,043	4,300	6,165	7,337
By industry									
Petroleum.....	49,028	51,890	92,856	58,924	5,650	48,067	1,442	4,811	13,915
Manufacturing.....	333,233	399,525	496,578	83,406	90,884	95,058	19,320	26,735	25,550
Food and kindred products.....	22,117	19,599	23,442	-7,369	-1,518	4,800	657	1,549	1,796
Chemicals and allied products.....	93,804	97,327	122,083	7,401	8,635	22,241	6,816	7,202	6,296
Primary and fabricated metals.....	18,923	20,125	21,561	1,054	2,058	6,099	1,610	1,072	1,233
Machinery.....	62,564	83,917	118,920	22,452	37,647	32,941	1,701	1,732	4,679
Other manufacturing.....	135,825	178,556	210,571	59,869	44,062	28,976	8,535	15,180	11,546
Wholesale trade.....	87,611	94,657	109,611	10,073	14,214	16,871	4,509	5,314	7,705
Retail trade.....	20,447	24,843	32,091	3,730	4,651	4,097	843	1,595	1,688
Depository institutions.....	46,257	61,539	68,619	5,420	19,024	9,569	2,586	3,002	3,992
Finance, except depository institutions.....	48,517	62,450	88,082	4,370	15,893	19,657	-1,286	927	1,252
Insurance.....	74,581	85,290	106,403	4,020	22,233	25,799	3,391	3,722	5,737
Real estate.....	39,545	40,248	42,300	1,760	1,966	1,203	147	1,494	2,007
Services.....	40,506	60,878	102,955	4,931	22,519	42,410	1,143	2,067	815
Other industries.....	38,693	84,311	99,134	-2,201	97,942	18,384	307	112	-2,504

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

The data in this table are from tables 16 and 17 in "Foreign Direct Investment in the United States: Detail for Historical-Cost Position and Related Capital and Income Flows 2000" in the September 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
All countries, all industries.....	4,135,217	2,035,356	27,535	451,656	6,003.3	152,229	307,111	3,597,658	1,781,554	23,715	390,957	5,031.1	139,272	294,794
By country														
Canada	410,254	159,743	-584	43,037	665.2	7,515	16,292	381,234	140,605	-1,128	36,538	535.5	7,336	15,763
Europe	2,707,203	1,199,123	24,545	294,501	3,901.1	84,693	128,625	2,519,797	1,050,593	24,067	257,653	3,278.4	78,028	127,050
<i>Of which:</i>														
France	512,368	167,417	-1,822	42,243	604.9	16,358	15,331	446,301	126,929	-103	29,436	368.8	(D)	15,067
Germany	507,652	313,152	7,702	70,181	847.7	31,637	53,194	486,648	282,137	6,881	61,175	693.4	30,564	52,565
Netherlands	449,446	182,093	4,360	35,618	484.8	5,309	15,932	422,053	146,733	2,950	31,491	470.1	5,008	15,898
Sweden	68,619	43,021	1,600	10,849	147.6	4,274	4,344	68,193	42,392	1,577	10,696	146.0	4,258	4,320
Switzerland	507,157	104,189	4,166	31,153	434.6	5,353	6,907	491,571	93,461	3,598	26,053	343.9	5,121	6,770
United Kingdom	536,127	279,117	9,189	81,981	965.6	15,713	19,028	499,954	268,026	8,313	79,198	917.1	15,195	18,827
Latin America and Other														
Western Hemisphere	121,614	76,125	-1,303	20,731	290.7	6,139	12,164	112,627	68,769	-1,243	19,361	276.5	5,961	10,248
<i>Of which:</i>														
Bermuda	49,590	26,206	-590	8,898	168.6	(D)	1,204	47,694	25,946	-576	8,859	166.2	(D)	1,202
Mexico	11,293	10,394	-142	1,754	33.9	864	2,770	9,600	8,824	-151	1,440	29.5	760	2,376
Panama	3,659	2,252	67	898	12.4	(D)	166	3,542	2,186	59	(D)	J	(D)	166
United Kingdom Islands, Caribbean	34,405	9,251	-548	1,677	36.0	78	(D)	33,694	8,984	-547	1,570	34.2	73	(D)
Venezuela	12,844	18,502	204	4,974	8.7	169	4,925	(D)	(D)	(D)	(D)	H	(D)	(D)
Africa	5,411	4,704	89	1,250	13.2	375	215	5,363	(D)	(D)	1,212	13.0	(D)	213
Middle East	18,103	12,599	348	2,863	48.6	696	1,194	15,607	10,899	296	2,103	35.6	682	1,117
Asia and Pacific	654,272	543,281	-521	79,454	1,018.3	50,852	147,074	546,812	487,946	1,175	69,230	860.6	45,094	139,011
<i>Of which:</i>														
Australia	67,343	31,184	612	6,760	84.8	1,375	1,465	55,840	24,748	614	5,240	67.8	(D)	(D)
Japan	534,484	453,423	-327	64,721	834.2	41,180	123,867	445,221	411,798	753	56,965	715.8	37,744	119,816
United States	218,361	39,781	4,961	9,820	66.2	1,959	1,548	16,218	(D)	(D)	4,860	31.5	(D)	1,391
By industry¹														
Manufacturing	982,809	906,382	16,514	236,165	2,616.7	96,527	140,924	895,031	805,166	14,757	216,110	2,386.3	88,410	131,842
<i>Of which:</i>														
Food	43,908	50,426	255	10,950	156.3	2,441	4,162	43,026	48,818	225	10,580	149.8	2,364	4,151
Chemicals	206,151	142,527	3,359	41,288	363.2	14,575	15,373	187,635	128,549	2,589	37,146	327.0	13,218	14,952
Primary and fabricated metals	64,822	59,500	650	15,498	211.6	4,421	7,549	51,839	48,278	580	13,080	186.9	3,626	6,700
Machinery	62,054	50,952	-26	14,664	222.6	7,086	7,104	58,535	46,672	198	13,684	208.1	6,398	6,373
Computers and electronic products	98,773	108,226	-2,878	22,454	291.0	16,991	33,685	89,620	101,277	-2,593	21,068	275.1	15,098	30,906
Electrical equipment, appliances, and components	41,001	39,974	128	10,744	189.9	7,187	3,246	39,771	38,441	33	10,246	183.8	6,784	3,173
Transportation equipment	185,592	201,609	7,767	43,211	422.6	30,476	45,064	178,711	189,445	7,287	40,397	390.6	28,729	43,032
Wholesale trade	303,806	500,839	5,350	54,664	518.4	48,629	157,366	293,111	470,013	6,385	52,406	461.7	44,199	155,256
Retail trade	70,956	114,300	1,555	28,359	737.0	1,521	4,303	49,779	84,317	698	20,050	545.7	(D)	3,606
Information	212,450	91,453	-3,423	27,581	332.2	1,053	160	143,342	63,263	845	18,809	224.2	1,033	80
<i>Of which:</i>														
Publishing industries	62,715	32,183	416	11,605	133.8	(D)	(D)	(D)	28,304	-115	9,208	120.8	(D)	78
Broadcasting and telecommunications	117,541	46,671	-4,278	12,502	142.5	6	(D)	59,400	23,337	440	6,173	52.2	2	3
Finance (except depository institutions) and insurance	2,162,809	206,641	9,750	27,969	263.6	0	1	1,893,509	180,668	3,613	22,927	226.9	0	1
Real estate and rental and leasing	131,014	26,037	903	11,850	52.2	(D)	562	110,094	21,570	527	9,332	42.0	(D)	562
Professional, scientific, and technical services	27,319	21,865	-1,002	7,991	119.3	(D)	357	23,407	19,846	-216	7,829	102.3	463	357
Other industries	244,053	167,840	-2,112	57,078	1,363.7	3,777	3,440	189,383	136,710	-2,895	43,495	1,041.9	3,661	3,089

D Suppressed to avoid disclosure of data of individual companies.

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

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

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

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

H. International Perspectives

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

Table H.1.—International Perspectives

	1999	2000	2000					2001								
			Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.
Exchange rates per U.S. dollar (not seasonally adjusted) ¹																
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) ²	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	1.0844	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 ³	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	2.3	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	292.8	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.

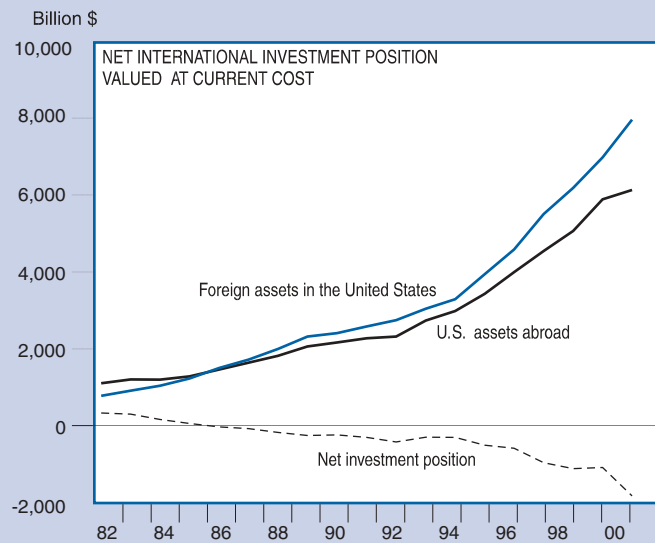
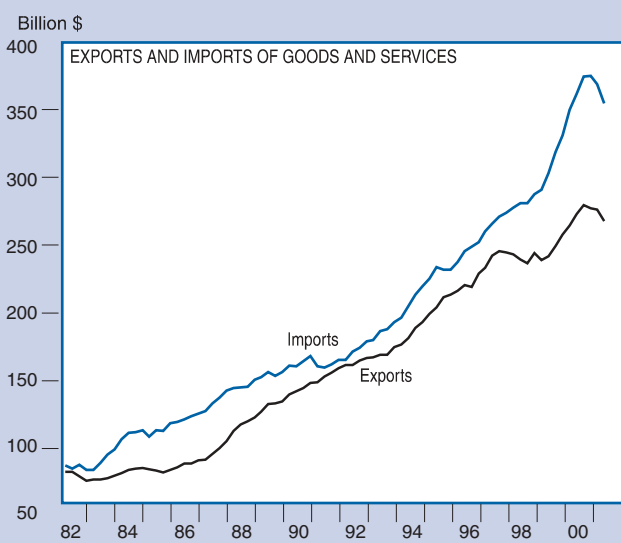
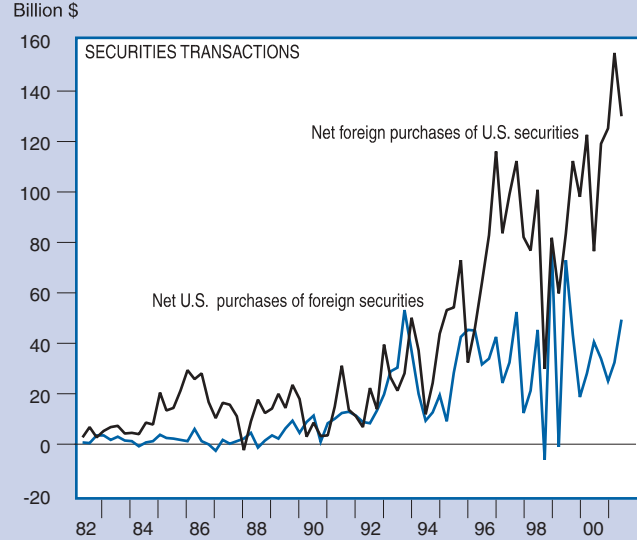
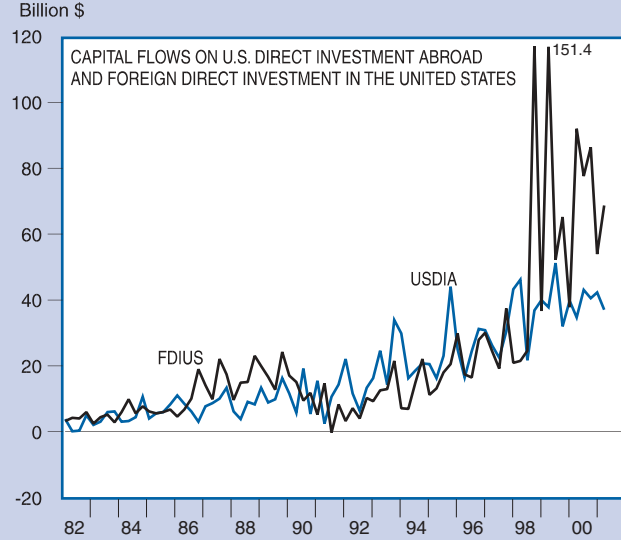
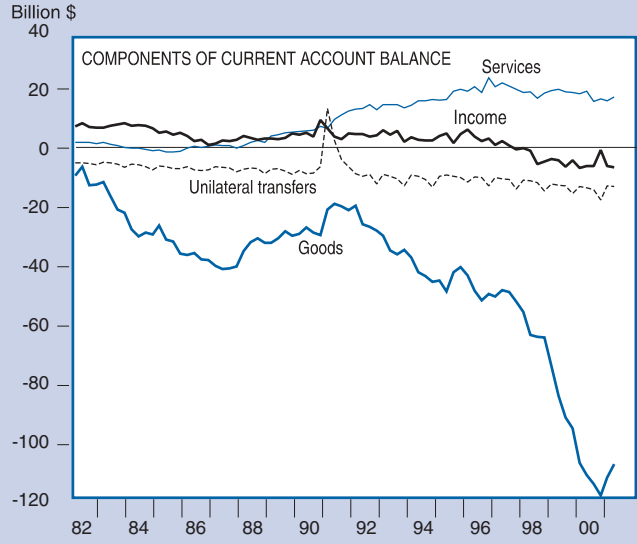
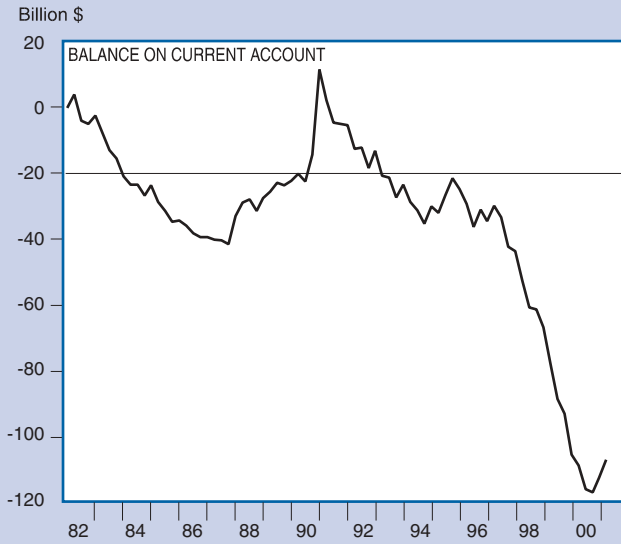
2. Rates for selected euro-area currencies can be derived by using the following conversion rates: 1 euro = 6.55957 French francs, 1.95583 German marks, and 1936.27 Italian lire.

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



Regional Data

J. State and Regional Tables

The tables in this section include the most recent estimates of State personal income and gross state product. The sources of these estimates are noted.

The quarterly and annual State personal income estimates and the gross state product estimates are available on CD-ROM. For information on State personal income, e-mail reis.rem@bea.doc.gov; write to the Regional Economic Information System, BE-55, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230; or call 202-606-5360. For information on gross state product, e-mail gspread@bea.doc.gov; write to the Regional Economic Analysis Division, BE-61, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230; or call 202-606-5340.

Table J.1.—Personal Income by State and Region

[Millions of dollars, seasonally adjusted at annual rates]

Area name	1997		1998				1999				2000				2001		Percent change ¹ 2001:I- 2001:II
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	
United States	6,970,231	7,089,802	7,247,217	7,375,568	7,483,561	7,568,669	7,623,542	7,711,739	7,811,071	7,932,240	8,097,740	8,264,219	8,374,722	8,512,567	8,632,966	8,705,009	0.8
New England	409,760	417,856	425,381	434,503	441,766	447,460	448,905	455,499	464,988	472,092	487,310	494,517	502,804	512,981	523,084	527,487	0.8
Connecticut.....	116,723	119,083	122,629	124,027	125,931	127,658	127,443	129,131	131,424	132,786	135,970	138,448	140,111	142,690	146,216	147,235	0.7
Maine.....	27,768	28,280	28,659	29,294	29,787	30,079	29,946	30,527	31,388	31,041	31,753	32,364	32,534	32,996	34,070	34,276	0.6
Massachusetts.....	192,496	196,179	198,961	204,203	207,472	210,087	211,639	214,799	219,571	224,609	233,514	236,408	241,958	247,074	250,708	253,165	1.0
New Hampshire.....	32,707	33,367	34,015	34,883	35,789	36,372	36,419	37,103	37,861	38,571	40,073	40,504	41,007	42,165	42,926	43,251	0.8
Rhode Island.....	26,308	26,840	27,056	27,446	27,905	28,273	28,378	28,607	29,164	29,381	30,009	30,360	30,802	31,227	31,912	32,190	0.9
Vermont.....	13,757	14,106	14,421	14,650	14,882	14,991	15,080	15,332	15,579	15,783	15,991	16,433	16,390	16,828	17,252	17,369	0.7
Mideast	1,321,218	1,345,607	1,372,131	1,395,665	1,411,817	1,420,120	1,439,506	1,446,396	1,467,645	1,477,726	1,512,578	1,545,487	1,564,588	1,602,664	1,624,312	1,638,221	0.9
Delaware.....	20,361	20,685	21,388	21,862	21,978	22,203	22,634	22,701	23,078	23,436	23,645	24,225	24,616	25,278	25,220	25,483	1.0
District of Columbia.....	19,220	19,318	19,559	19,950	20,302	20,366	20,222	20,415	20,595	20,905	21,382	21,762	21,938	22,594	22,631	22,833	0.9
Maryland.....	149,175	152,085	154,317	157,717	160,062	161,870	164,121	165,910	168,610	170,140	174,030	176,626	179,562	183,807	187,132	188,705	0.8
New Jersey.....	261,805	266,702	272,154	276,816	281,611	282,963	285,607	286,636	289,488	295,482	301,864	311,145	314,788	323,766	322,635	324,898	0.7
New York.....	556,184	566,942	580,380	589,947	595,153	596,210	609,410	609,233	620,834	619,025	637,015	650,883	658,647	675,787	688,457	695,753	1.1
Pennsylvania.....	314,473	319,875	324,332	329,372	332,711	336,509	337,512	341,501	345,039	348,738	354,643	360,846	365,038	371,431	378,237	380,549	0.6
Great Lakes	1,145,231	1,162,737	1,184,049	1,201,077	1,214,093	1,229,275	1,232,392	1,245,171	1,257,035	1,273,062	1,291,760	1,312,127	1,325,189	1,340,167	1,356,644	1,365,359	0.6
Illinois.....	342,998	349,004	353,978	360,198	365,246	368,527	368,955	372,509	374,815	380,485	387,040	393,233	399,127	405,556	411,316	414,130	0.7
Indiana.....	139,883	142,616	146,406	148,642	150,501	152,261	153,025	154,155	155,804	158,304	160,369	163,277	165,178	165,374	168,359	169,359	0.6
Michigan.....	252,113	254,304	261,041	263,803	264,408	269,327	271,361	274,640	277,903	279,951	285,035	288,883	290,572	293,068	295,204	297,261	0.7
Ohio.....	280,665	284,936	287,944	291,379	294,709	298,829	298,429	301,580	304,158	308,293	312,096	316,416	318,662	321,892	325,082	327,289	0.7
Wisconsin.....	129,572	131,877	134,681	137,055	139,229	140,332	140,621	142,287	144,354	146,031	147,220	150,318	151,651	154,277	156,683	157,319	0.4
Plains	465,065	472,462	482,442	490,979	498,029	503,395	502,245	507,434	514,950	524,215	528,989	542,586	549,461	554,867	562,544	566,191	0.6
Iowa.....	68,079	69,432	69,549	70,695	71,882	72,682	71,488	71,696	73,410	74,388	75,323	77,340	78,047	78,423	79,509	79,698	0.2
Kansas.....	64,156	65,128	66,482	67,655	68,554	69,079	69,183	69,604	70,770	72,374	71,638	73,560	75,204	74,915	76,417	77,084	0.9
Minnesota.....	130,220	132,539	136,354	139,277	141,041	143,213	143,336	145,689	147,494	150,219	152,130	156,606	158,854	162,129	164,031	165,339	0.8
Missouri.....	131,705	133,793	136,230	138,272	140,235	141,144	141,656	142,617	143,934	146,086	148,641	151,938	153,613	155,555	157,755	158,909	0.7
Nebraska.....	40,949	41,368	42,217	43,068	43,878	44,197	44,628	44,952	45,655	46,966	46,517	47,339	47,903	47,931	48,244	48,446	0.4
North Dakota.....	13,480	13,645	14,474	14,644	14,881	15,086	14,496	14,687	15,072	15,261	15,546	16,075	16,069	15,971	16,611	16,636	0.2
South Dakota.....	16,477	16,557	17,137	17,368	17,558	17,994	17,760	18,189	18,614	18,921	19,194	19,727	19,771	19,943	20,085	20,085	0.5
Southeast	1,539,513	1,566,483	1,599,718	1,630,270	1,655,356	1,672,978	1,682,412	1,700,411	1,715,078	1,740,374	1,774,540	1,812,551	1,831,608	1,862,368	1,891,180	1,906,814	0.8
Alabama.....	91,530	92,797	94,911	96,075	97,225	98,134	98,957	100,330	101,297	102,122	102,614	104,586	104,671	106,399	108,042	108,464	0.4
Arkansas.....	51,198	52,200	52,886	53,566	54,117	54,648	55,381	56,077	55,613	57,111	58,006	58,635	59,613	59,124	61,089	61,420	0.5
Florida.....	380,367	385,845	395,416	403,233	408,668	411,447	412,838	416,775	420,218	423,840	434,332	444,037	450,034	459,645	465,159	470,691	1.2
Georgia.....	184,804	188,452	193,969	198,078	202,737	205,938	208,698	211,635	214,381	218,305	222,998	227,472	229,956	234,344	237,212	239,561	1.0
Kentucky.....	83,251	84,530	86,273	87,860	88,970	89,575	89,711	90,611	91,726	93,043	93,335	96,771	98,117	99,556	101,367	101,872	0.5
Louisiana.....	92,586	94,407	95,883	97,319	98,231	98,692	98,181	99,218	99,673	100,799	101,678	103,199	103,535	104,035	106,298	106,883	0.5
Mississippi.....	51,731	52,721	54,061	54,748	55,590	56,113	56,056	56,574	57,500	57,990	58,357	59,489	59,766	60,256	61,216	61,523	0.5
North Carolina.....	180,399	184,249	187,533	191,117	194,415	197,262	198,409	200,768	199,989	205,773	210,878	216,158	218,512	222,497	226,315	227,472	0.5
South Carolina.....	81,403	82,839	84,235	85,898	87,709	88,998	89,187	90,529	91,698	92,828	94,047	96,332	96,910	98,355	100,191	101,054	0.9
Tennessee.....	125,831	128,578	131,034	133,934	135,362	136,791	136,751	138,804	140,354	141,828	144,517	147,045	148,763	150,682	153,393	154,843	0.9
Virginia.....	181,143	184,222	187,245	191,829	195,305	198,256	201,141	201,745	204,911	208,683	213,290	219,484	222,274	227,285	230,119	232,111	0.9
West Virginia.....	35,270	35,643	36,272	36,615	37,028	37,124	37,100	37,347	37,718	38,052	38,488	39,343	39,456	40,190	40,777	40,919	0.3
Southwest	683,767	696,383	718,501	730,916	744,151	752,742	757,062	769,129	778,344	791,391	811,128	826,550	837,121	850,780	869,412	876,483	0.8
Arizona.....	104,489	106,706	109,543	111,786	114,249	116,061	116,059	118,853	120,611	121,891	126,892	127,750	129,875	132,013	133,908	135,011	0.8
New Mexico.....	35,030	35,443	36,385	36,659	37,021	37,402	37,202	37,767	38,072	38,521	38,864	39,993	40,197	40,837	41,644	42,260	1.5
Oklahoma.....	70,060	71,539	73,590	74,445	75,210	75,604	76,137	77,061	77,703	78,660	79,413	81,040	82,152	83,611	84,453	85,095	0.8
Texas.....	474,188	482,695	498,983	508,026	517,671	523,765	527,665	535,447	541,959	552,319	565,959	577,766	584,988	594,320	609,407	614,117	0.8
Rocky Mountain	209,131	212,288	217,851	221,365	225,220	228,969	230,812	235,410	239,016	244,641	247,946	256,296	260,656	265,322	267,596	269,979	0.9
Colorado.....	110,085	112,149	115,360</														

Table J.2.—Personal Income and Per Capita Personal Income by State and Region, 1995–2000

Area name	Personal income						Percent change ²	Per capita personal income ¹						Rank in U.S. 2000
	Millions of dollars							Dollars						
	1995	1996	1997	1998	1999	2000		1995	1996	1997	1998	1999	2000	
United States	6,192,235	6,538,103	6,928,545	7,418,754	7,769,648	8,312,312	7.0	23,272	24,286	25,427	26,909	27,859	29,451	
New England	364,297	384,144	408,231	437,278	460,371	499,403	8.5	27,060	28,359	29,946	31,870	33,296	35,824	
Connecticut.....	104,315	109,354	116,421	124,971	130,196	139,305	7.0	31,423	32,814	34,803	37,190	38,506	40,870	1
Maine.....	25,046	26,434	27,773	29,455	30,726	32,412	5.5	20,102	21,118	22,091	23,352	24,220	25,399	36
Massachusetts.....	170,052	180,237	191,596	205,181	217,654	239,739	10.1	27,711	29,188	30,799	32,748	34,482	37,710	2
New Hampshire.....	28,650	30,228	32,397	35,265	37,489	40,938	9.2	24,775	25,751	27,254	29,297	30,690	33,042	6
Rhode Island.....	23,787	24,818	26,293	27,670	28,883	30,599	5.9	23,427	24,349	25,685	26,870	27,813	29,158	17
Vermont.....	12,449	13,073	13,752	14,736	15,423	16,411	6.4	21,147	22,029	23,037	24,557	25,514	26,904	30
Mideast	1,193,865	1,255,345	1,315,810	1,399,933	1,457,818	1,556,329	6.8	26,441	27,680	28,887	30,583	31,660	33,549	
Delaware.....	18,237	19,369	20,145	21,858	22,962	24,441	6.4	24,996	26,143	26,812	28,649	29,625	31,074	12
District of Columbia.....	18,217	18,517	19,135	20,044	20,534	21,919	6.7	31,479	32,455	33,811	35,568	36,254	38,374	
Maryland.....	135,115	140,809	148,826	158,491	167,195	178,506	6.8	26,678	27,574	28,892	30,496	31,860	33,621	5
New Jersey.....	233,209	246,659	260,705	278,386	289,304	312,891	8.2	28,881	30,296	31,757	33,646	34,666	37,112	3
New York.....	503,163	530,990	553,543	590,423	614,626	655,583	6.7	27,190	28,594	29,694	31,522	32,620	34,502	4
Pennsylvania.....	285,923	299,001	313,457	330,731	343,197	362,989	5.8	23,441	24,465	25,630	27,005	27,971	29,533	16
Great Lakes	1,034,159	1,079,799	1,138,557	1,207,124	1,251,915	1,317,311	5.2	23,545	24,407	25,587	26,984	27,832	29,122	
Illinois.....	304,767	322,790	340,594	361,987	374,191	396,239	5.9	25,375	26,667	27,942	29,491	30,274	31,842	10
Indiana.....	126,525	132,890	139,459	149,453	155,322	163,549	5.3	21,634	22,511	23,427	24,908	25,682	26,838	32
Michigan.....	231,594	238,095	250,216	264,645	275,964	289,390	4.9	23,931	24,394	25,505	26,870	27,886	29,071	18
Ohio.....	255,313	264,162	279,367	293,215	303,115	317,266	4.7	22,791	23,495	24,770	25,918	26,725	27,914	20
Wisconsin.....	115,960	121,864	128,920	137,824	143,323	150,866	5.3	22,373	23,303	24,484	26,018	26,863	28,066	19
Plains	410,645	439,948	462,173	493,711	512,211	543,976	6.2	22,150	23,530	24,526	26,010	26,780	28,219	
Iowa.....	60,171	64,696	67,938	71,202	72,746	77,283	6.2	20,991	22,469	23,503	24,531	24,945	26,376	33
Kansas.....	56,627	60,074	63,728	67,942	70,483	73,829	4.7	21,777	22,978	24,183	25,538	26,312	27,408	28
Minnesota.....	113,217	122,080	129,020	139,971	146,684	157,430	7.3	24,320	25,930	27,112	29,109	30,127	31,913	9
Missouri.....	117,640	123,992	131,144	138,970	143,573	152,437	6.2	21,887	22,840	23,937	25,176	25,815	27,186	29
Nebraska.....	36,293	39,618	40,724	43,340	45,475	47,423	4.3	21,908	23,672	24,146	25,558	26,663	27,658	25
North Dakota.....	12,243	13,607	13,332	14,771	14,879	15,916	7.0	18,890	20,908	20,506	22,785	23,053	24,780	38
South Dakota.....	14,454	15,883	16,288	17,514	18,371	19,659	7.0	19,597	21,407	21,893	23,484	24,491	25,993	34
Southeast	1,366,116	1,445,912	1,532,165	1,639,580	1,709,569	1,820,267	6.5	21,165	22,056	23,004	24,258	24,940	26,179	
Alabama.....	83,903	87,221	91,284	96,586	100,676	104,568	3.9	19,524	20,133	20,891	21,913	22,706	23,460	43
Arkansas.....	45,995	48,700	51,055	53,804	56,046	58,844	5.0	18,179	18,982	19,670	20,531	21,191	21,945	47
Florida.....	333,525	355,136	377,673	404,691	418,418	447,012	6.8	22,974	23,942	24,901	26,159	26,560	27,836	21
Georgia.....	159,800	172,935	183,757	200,180	213,255	228,692	7.2	21,840	23,090	23,945	25,481	26,522	27,790	23
Kentucky.....	74,080	78,221	82,927	88,169	91,273	97,445	6.8	19,061	19,960	20,982	22,123	22,712	24,057	39
Louisiana.....	84,573	87,879	92,286	97,531	99,468	103,112	3.7	19,321	19,981	20,875	21,954	22,292	23,041	45
Mississippi.....	46,242	48,898	51,598	55,128	57,030	59,467	4.3	16,990	17,799	18,588	19,674	20,180	20,856	50
North Carolina.....	157,634	167,638	179,691	192,582	201,235	217,011	7.8	21,476	22,361	23,478	24,667	25,314	26,842	31
South Carolina.....	72,050	76,287	81,045	86,710	91,060	96,411	5.9	19,227	20,093	21,005	22,127	22,903	23,952	40
Tennessee.....	114,260	119,287	125,457	134,280	139,434	147,752	6.0	21,462	22,032	22,821	24,106	24,722	25,878	35
Virginia.....	161,442	169,938	180,190	193,159	204,120	220,583	8.1	24,230	25,213	26,418	28,032	29,208	31,065	13
West Virginia.....	32,611	33,771	35,202	36,760	37,554	39,370	4.8	17,882	18,528	19,342	20,235	20,720	21,767	49
Southwest	586,017	624,034	677,462	736,578	773,982	831,395	7.4	20,644	21,528	22,884	24,373	25,128	26,477	
Arizona.....	88,870	95,787	103,702	112,910	119,354	129,133	8.2	20,059	20,890	21,896	23,121	23,738	24,991	37
New Mexico.....	31,716	33,232	34,860	36,867	37,890	39,973	5.5	18,435	18,963	19,610	20,520	20,920	21,883	48
Oklahoma.....	63,333	66,289	69,951	74,712	77,390	81,554	5.4	19,174	19,876	20,771	21,966	22,576	23,582	42
Texas.....	402,097	428,726	468,950	512,089	539,347	580,736	7.7	21,239	22,197	23,777	25,426	26,266	27,722	24
Rocky Mountain	179,684	192,141	206,847	223,351	237,470	257,555	8.5	21,453	22,441	23,657	25,058	26,122	27,775	
Colorado.....	92,947	100,012	108,765	118,407	127,638	140,353	10.0	24,314	25,536	27,088	28,783	30,225	32,441	7
Idaho.....	22,869	24,173	25,226	27,079	28,572	30,759	7.7	19,419	20,091	20,525	21,622	22,387	23,640	41
Montana.....	16,297	16,992	17,726	18,961	19,315	20,395	5.6	18,588	19,165	19,909	21,235	21,511	22,541	46
Utah.....	37,278	40,354	43,696	46,781	49,172	52,474	6.7	18,514	19,519	20,618	21,624	22,335	23,364	44
Wyoming.....	10,293	10,609	11,433	12,124	12,774	13,575	6.3	21,210	21,724	23,348	24,687	25,960	27,436	27
Far West	1,057,453	1,116,779	1,187,299	1,281,199	1,366,313	1,486,076	8.8	24,197	25,225	26,374	27,998	29,402	31,491	
Alaska.....	15,513	15,762	16,488	17,134	17,482	18,612	6.5	25,659	25,889	26,876	27,610	27,947	29,597	14
California.....	771,470	812,404	861,557	931,627	997,293	1,094,770	9.8	24,374	25,409	26,555	28,277	29,818	32,225	8
Hawaii.....	30,202	30,393	31,218	31,854	32,450	33,776	4.1	25,211	25,212	25,714	26,135	26,658	27,819	22
Nevada.....	39,377	43,331	47,258	52,032	55,706	59,640	7.1	24,908	26,009	26,836	28,190	28,883	29,551	15
Oregon.....	71,209	75,561	80,575	85,262	89,058	94,999	6.7	22,355	23,257	24,365	25,406	26,192	27,649	26
Washington.....	129,681	139,328	150,203	163,291	174,324	184,280	5.7	23,658	25,007	26,457	28,287	29,783	31,129	11

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

2. Percent change was calculated from unrounded data.

NOTE.—The personal income level shown for the United States is derived as the sum of the State estimates. It differs from the estimate of personal income in the national income and product accounts (NIPAs) because of differences in coverage, in the methodologies used to prepare the estimates, and in the availability of source data. In particular, it differs from the NIPA estimate because, by definition, it omits the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms.

Table J.3.—Disposable Personal Income and Per Capita Disposable Personal Income by State and Region, 1995–2000

Area name	Disposable personal income						Percent change ²	Per capita disposable personal income						Rank in U.S.
	Millions of dollars							Dollars						
	1995	1996	1997	1998	1999	2000		1995	1996	1997	1998	1999	2000	
United States	5,414,784	5,669,393	5,960,749	6,349,408	6,611,524	7,025,313	6.3	20,350	21,059	21,875	23,031	23,707	24,891	
New England	313,002	326,543	342,605	364,158	380,402	409,580	7.7	23,249	24,106	25,132	26,541	27,513	29,381	
Connecticut.....	88,432	91,536	95,724	101,790	105,261	111,867	6.3	26,638	27,468	28,616	30,292	31,131	32,820	1
Maine.....	22,173	23,257	24,200	25,466	26,485	27,813	5.0	17,796	18,581	19,249	20,190	20,877	21,795	37
Massachusetts.....	144,898	151,896	159,674	169,600	178,071	194,493	9.2	23,612	24,598	25,668	27,069	28,211	30,593	3
New Hampshire.....	25,490	26,610	28,200	30,645	32,353	35,091	8.5	22,043	22,668	23,724	25,459	26,486	28,323	4
Rhode Island.....	20,990	21,780	22,851	23,895	24,917	26,244	5.3	20,673	21,369	22,323	23,204	23,995	25,008	17
Vermont.....	11,019	11,463	11,955	12,762	13,316	14,072	5.7	18,718	19,317	20,027	21,267	22,028	23,069	31
Mideast	1,029,185	1,073,172	1,114,511	1,177,620	1,217,450	1,290,916	6.0	22,794	23,663	24,468	25,726	26,440	27,827	
Delaware.....	15,686	16,547	16,987	18,449	19,418	20,658	6.4	21,499	22,334	22,610	24,181	25,052	26,264	11
District of Columbia.....	15,840	15,862	16,120	16,710	16,835	17,773	5.6	27,372	27,801	28,483	29,652	29,723	31,116	
Maryland.....	116,066	119,755	125,597	133,050	140,137	148,896	6.3	22,917	23,451	24,382	25,601	26,704	28,044	6
New Jersey.....	201,166	211,334	220,964	233,679	240,563	258,327	7.4	24,913	25,957	26,916	28,243	28,825	30,640	2
New York.....	430,223	450,040	464,468	491,801	506,445	535,586	5.8	23,248	24,234	24,916	26,257	26,879	28,187	5
Pennsylvania.....	250,204	259,634	270,375	283,932	294,052	309,676	5.3	20,512	21,244	22,107	23,183	23,966	25,195	16
Great Lakes	897,966	930,464	975,464	1,029,492	1,066,140	1,116,769	4.7	20,445	21,031	21,922	23,014	23,702	24,689	
Illinois.....	264,821	278,447	291,507	307,893	317,042	334,111	5.4	22,049	23,003	23,915	25,084	25,651	26,849	8
Indiana.....	109,861	114,831	119,826	128,610	133,755	140,540	5.1	18,785	19,452	20,129	21,434	22,116	23,062	32
Michigan.....	201,124	204,949	214,500	225,311	234,914	244,345	4.0	20,783	20,998	21,864	22,877	23,738	24,546	18
Ohio.....	221,905	227,746	239,900	250,845	259,083	269,590	4.1	19,809	20,256	21,270	22,172	22,843	23,719	24
Wisconsin.....	100,255	104,491	109,732	116,833	121,346	128,182	5.6	19,343	20,839	22,056	22,743	23,846	23	
Plains	359,419	382,827	399,625	425,700	441,947	466,638	5.6	19,387	20,475	21,207	22,427	23,106	24,207	
Iowa.....	53,020	56,896	59,294	62,103	63,279	67,090	6.0	18,496	19,760	20,513	21,396	21,699	22,897	35
Kansas.....	49,628	52,367	55,113	58,698	60,807	63,294	4.1	19,085	20,030	20,914	22,063	22,700	23,497	26
Minnesota.....	97,206	103,586	109,183	117,947	124,449	132,188	6.2	20,881	22,002	22,943	24,529	25,560	26,796	9
Missouri.....	103,462	108,364	114,001	120,335	124,172	131,457	5.9	19,249	19,961	20,808	21,800	22,326	23,444	27
Nebraska.....	32,023	34,932	35,531	37,647	39,525	40,910	3.5	19,330	20,872	21,067	22,200	23,174	23,860	22
North Dakota.....	10,960	12,226	11,853	13,205	13,273	14,175	6.8	16,911	18,786	18,231	20,369	20,566	22,070	36
South Dakota.....	13,120	14,456	14,650	15,765	16,441	17,525	6.6	17,788	19,484	19,691	21,139	21,918	23,172	30
Southeast	1,208,156	1,269,457	1,336,061	1,424,130	1,480,462	1,568,114	5.9	18,718	19,365	20,060	21,071	21,598	22,552	
Alabama.....	74,485	77,079	80,342	84,960	88,519	91,541	3.4	17,333	17,792	18,387	19,275	19,964	20,537	41
Arkansas.....	40,945	43,230	45,063	47,323	49,311	51,573	4.6	16,183	16,850	17,362	18,058	18,645	19,233	47
Florida.....	296,985	312,805	329,682	351,457	361,945	383,970	6.1	20,457	21,088	21,737	22,718	22,975	23,911	21
Georgia.....	139,674	150,182	158,350	171,788	182,524	194,576	6.6	19,089	20,052	20,634	21,867	22,700	23,645	25
Kentucky.....	64,839	68,160	71,915	76,236	78,776	83,864	6.5	16,683	17,393	18,196	19,129	19,602	20,704	40
Louisiana.....	75,996	78,079	81,431	86,212	88,169	91,057	3.3	17,362	17,753	18,420	19,407	19,760	20,347	43
Mississippi.....	41,699	43,943	46,245	49,312	50,979	53,071	4.1	15,321	15,995	16,660	17,598	18,039	18,612	50
North Carolina.....	138,006	145,935	155,311	165,764	172,767	185,667	5.5	18,802	19,466	20,293	21,232	21,733	22,965	33
South Carolina.....	63,606	66,986	70,880	75,519	79,261	83,621	7.5	16,973	17,644	18,371	19,271	19,935	20,775	39
Tennessee.....	102,796	106,568	111,632	119,386	123,919	130,881	5.6	19,309	19,683	20,306	21,432	21,971	22,923	34
Virginia.....	140,055	146,489	154,028	163,662	171,096	183,590	7.3	21,020	21,734	22,582	23,751	24,482	25,855	13
West Virginia.....	29,070	30,001	31,182	32,512	33,197	34,703	4.5	15,940	16,460	17,134	17,897	18,316	19,187	48
Southwest	523,337	552,859	596,546	645,928	678,193	724,461	6.8	18,436	19,072	20,151	21,373	22,018	23,072	
Arizona.....	78,460	83,726	90,217	97,630	102,882	110,837	7.7	17,709	18,259	19,049	19,992	20,462	21,450	38
New Mexico.....	28,290	29,502	30,758	32,506	33,324	34,981	5.0	16,444	16,834	17,303	18,093	18,398	19,150	49
Oklahoma.....	56,276	58,473	61,222	65,346	67,667	70,990	4.9	17,037	17,532	18,179	19,212	19,740	20,528	42
Texas.....	360,310	381,159	414,349	450,447	474,321	507,653	7.0	19,032	19,734	21,009	22,366	23,099	24,233	19
Rocky Mountain	157,037	166,565	178,194	191,754	202,686	218,172	7.6	18,749	19,454	20,380	21,513	22,296	23,528	
Colorado.....	80,723	86,111	92,927	100,483	107,621	117,426	9.1	21,117	21,987	23,144	24,426	25,485	27,141	7
Idaho.....	20,135	21,208	22,044	23,653	24,787	26,429	6.6	17,098	17,626	17,936	18,886	19,422	20,312	44
Montana.....	14,492	15,037	15,621	16,688	16,934	17,795	5.1	16,530	16,960	17,544	18,690	18,860	19,668	46
Utah.....	32,526	35,002	37,715	40,470	42,379	44,959	6.1	16,154	16,930	17,796	18,707	19,249	20,018	45
Wyoming.....	9,160	9,207	9,886	10,460	10,966	11,564	5.5	18,875	18,853	20,188	21,299	22,286	23,371	28
Far West	926,681	967,506	1,017,744	1,090,625	1,144,244	1,230,665	7.6	21,204	21,853	22,608	23,834	24,623	26,079	
Alaska.....	13,755	13,919	14,497	14,999	15,311	16,236	6.0	22,751	22,862	23,630	24,170	24,477	25,818	14
California.....	674,953	701,878	735,173	789,619	829,744	899,346	8.4	21,324	21,952	22,659	23,967	24,809	26,472	10
Hawaii.....	26,674	26,730	27,371	27,859	28,250	29,288	3.7	22,266	22,174	22,545	22,858	23,208	24,123	20
Nevada.....	34,623	37,634	41,126	44,918	47,963	51,037	6.4	21,900	22,589	23,354	24,336	24,868	25,289	15
Oregon.....	61,581	64,801	68,539	72,617	75,453	79,655	5.6	19,332	19,946	20,725	21,638	22,190	23,183	29
Washington.....	115,095	122,543	131,039	140,613	147,524	155,102	5.1	20,997	21,994	23,081	24,358	25,204	26,201	12

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

2. Percent change was calculated from unrounded data.

Note.—The personal income level shown for the United States is derived as the sum of the State estimates. It differs from the estimate of personal income in the national income and product accounts (NIPAs) because of differences in coverage, in the methodologies used to prepare the estimates, and in the timing of the availability of source data. In particular, it differs from the NIPA estimate because, by definition, it omits the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms.

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

[Millions of dollars]

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

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

for military equipment, except office equipment. Also, GSP and GDP have different revision schedules.

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

K. Local Area Table

Table K.1.—Personal Income and Per Capita Personal Income by Metropolitan Area, 1997–99

Area name	Personal income				Per capita personal income ¹				Area name	Personal income				Per capita personal income ¹			
	Millions of dollars			Percent change	Dollars			Rank in U.S.		Millions of dollars			Percent change	Dollars			Rank in U.S.
	1997	1998	1999		1997	1998	1999			1997	1998	1999		1997	1998	1999	
United States²	6,928,545	7,383,476	7,784,137	5.4	25,874	27,321	28,546		Corvallis, OR	2,056	2,145	2,184	1.8	26,517	27,559	28,291	88
Metropolitan portion	5,874,694	6,275,812	6,630,149	5.6	27,408	28,987	30,317		Cumberland, MD-WV	1,913	1,970	2,033	3.2	19,198	19,868	20,700	298
Nonmetropolitan portion	1,053,851	1,107,664	1,153,988	4.2	19,719	20,611	21,372		Dallas, TX*	96,196	105,999	113,794	7.4	30,859	33,096	34,690	23
Consolidated Metropolitan Statistical Areas									Danville, VA	2,071	2,163	2,241	3.6	19,030	19,982	20,833	295
Chicago-Gary-Kenosha, IL-IN-WI	268,636	287,137	300,846	4.8	30,661	32,544	33,857		Davenport-Moline-Rock Island, IA-IL	8,766	9,268	9,397	1.4	24,534	25,903	26,186	139
Cincinnati-Hamilton, OH-KY-IN	51,476	55,058	57,819	5.0	26,612	28,259	29,485		Dayton-Springfield, OH	24,532	25,414	26,238	3.2	25,514	26,430	27,369	111
Cleveland-Akron, OH	79,514	83,910	87,042	3.7	27,267	28,809	29,905		Daytona Beach, FL	9,787	10,249	10,691	4.3	21,241	21,913	22,520	262
Dallas-Fort Worth, TX	135,784	149,021	159,469	7.0	29,067	31,082	32,482		Decatur, AL	3,076	3,272	3,395	3.8	21,711	22,937	23,668	223
Denver-Boulder-Greeley, CO	72,098	78,651	85,396	8.6	31,103	33,287	35,318		Decatur, IL	2,778	2,925	3,078	5.2	24,337	25,732	27,188	119
Detroit-Ann Arbor-Flint, MI	152,659	161,651	170,312	5.4	28,052	29,645	31,140		Denver, CO*	60,223	65,665	71,359	8.7	31,678	33,906	36,058	16
Houston-Galveston-Brazoria, TX	123,660	135,062	141,745	4.9	28,708	30,691	31,543		Des Moines, IA	12,062	13,012	13,801	6.1	27,934	29,791	31,118	45
Los Angeles-Riverside-Orange County, CA	397,751	425,958	449,834	5.6	25,558	26,966	28,050		Detroit, MI*	126,336	133,887	140,825	5.2	28,278	29,956	31,472	42
Miami-Fort Lauderdale, FL	89,755	94,768	99,018	4.5	24,870	25,902	26,682		Dothan, AL	2,761	2,929	3,064	4.6	20,565	21,770	22,653	260
Milwaukee-Racine, WI	46,826	49,469	51,847	4.8	28,473	30,070	31,457		Dover, DE	2,606	2,773	2,876	3.7	21,876	22,305	22,819	254
New York-No. New Jersey-Long Island, NY-NJ-CT-PA	690,088	733,999	774,748	5.6	34,663	36,705	38,539		Dubuque, IA	2,047	2,189	2,237	2.2	23,217	24,904	25,385	161
Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD	175,748	185,987	194,352	4.5	29,404	31,067	32,397		Duluth-Superior, MN-WI	5,453	5,786	6,044	4.5	22,933	24,255	25,566	157
Portland-Salem, OR-WA	57,575	61,203	64,589	5.5	27,216	28,589	29,615		Dutchess County, NY*	7,226	7,727	8,268	7.0	27,410	29,112	30,822	47
Sacramento-Yolo, CA	43,278	46,428	49,736	7.1	25,771	27,190	28,568		Eau Claire, WI	3,164	3,393	3,572	5.3	22,060	23,593	24,724	183
San Francisco-Oakland-San Jose, CA	235,703	254,671	280,844	10.3	35,073	37,378	40,858		El Paso, TX	10,977	11,653	12,084	3.7	16,016	17,777	17,216	314
Seattle-Tacoma-Bremerton, WA	101,627	111,582	121,483	8.9	30,177	32,600	35,052		Elkhart-Goshen, IN	4,054	4,348	4,605	5.9	23,937	25,173	26,360	136
Washington-Baltimore, DC-MD-VA-WV	231,206	246,577	263,429	6.8	32,095	33,918	35,797		Elmira, NY	1,996	2,078	2,162	4.0	21,567	22,539	23,563	226
Metropolitan Statistical Areas³									Enid, OK	1,261	1,327	1,342	1.1	22,202	23,313	23,559	227
Abilene, TX	2,763	2,890	3,010	4.2	22,726	23,681	24,579	189	Erie, PA	6,323	6,505	6,768	4.0	22,622	23,931	24,433	198
Akron, OH*	17,624	18,641	19,359	3.9	25,657	27,058	28,079	93	Eugene-Springfield, OR	7,173	7,617	7,972	4.7	23,059	24,309	25,315	163
Albany, GA	2,461	2,563	2,630	2.6	20,952	21,794	22,394	266	Evansville-Henderson, IN-KY	7,117	7,607	7,918	4.1	24,531	26,209	27,191	118
Albany-Schenectady-Troy, NY	22,781	24,131	25,136	4.2	26,101	27,717	28,909	78	Fargo-Moorhead, ND-MN	3,914	4,203	4,450	5.9	23,485	24,955	26,155	140
Albuquerque, NM	16,039	16,757	17,391	3.8	23,825	24,769	25,619	154	Fayetteville, NC	6,594	6,874	7,172	4.3	23,088	24,186	25,285	167
Alexandria, LA	2,649	2,825	2,918	3.3	20,964	22,335	23,020	246	Fayetteville-Springdale-Rogers, AR	5,912	6,384	6,901	8.1	21,586	22,893	24,213	206
Allentown-Bethlehem-Easton, PA	16,002	16,756	17,613	5.1	26,040	27,199	28,483	86	Flagstaff, AZ-UT	2,284	2,442	2,573	5.3	19,069	20,301	21,325	290
Altoona, PA	2,779	2,895	3,034	4.8	21,219	22,178	23,352	235	Flint, MI*	10,179	10,340	10,677	3.3	23,384	23,733	24,412	200
Amarillo, TX	4,666	4,956	5,145	3.8	22,639	23,934	24,652	187	Florence, AL	2,838	2,873	2,959	3.0	20,718	20,949	21,617	284
Anchorage, AK	8,018	8,433	8,717	3.4	31,899	32,992	33,813	25	Florence, SC	2,635	2,788	2,925	4.9	21,186	22,359	23,360	234
Ann Arbor, MI*	16,143	17,423	18,811	8.0	29,949	31,810	33,750	27	Fort Collins-Loveland, CO	5,804	6,295	6,723	6.8	25,740	27,238	28,386	87
Annisston, AL	2,253	2,368	2,388	9	19,231	20,221	20,492	302	Fort Lauderdale, FL*	40,674	43,207	45,208	4.6	27,541	28,656	29,442	70
Appleton-Oshkosh-Neenah, WI	8,534	9,063	9,632	6.3	24,952	26,280	27,670	101	Fort Myers-Cape Coral, FL	10,173	10,639	11,160	4.9	26,371	27,078	27,861	99
Asheville, NC	5,161	5,518	5,747	4.1	24,465	25,879	26,706	128	Fort Pierce-St. Lucie, FL	8,080	8,545	8,891	4.0	24,747	25,937	26,641	64
Athens, GA	3,042	3,280	3,445	5.0	22,037	23,657	24,539	191	Fort Smith, AR-OK	3,874	4,121	4,366	5.9	20,137	21,276	22,326	268
Atlanta, GA	105,565	116,171	125,302	7.9	29,064	31,028	32,486	33	Fort Walton Beach, FL	3,890	4,054	4,204	3.7	23,204	24,053	24,720	184
Atlantic-Cape May, NJ*	9,751	10,220	10,576	3.5	29,182	30,418	31,322	44	Fort Wayne, IN	12,026	12,724	13,248	4.1	25,191	26,440	27,355	113
Auburn-Opelika, AL	1,809	1,908	2,012	5.5	18,376	19,888	19,696	308	Fort Worth-Arlington, TX*	39,589	43,022	45,675	6.2	25,473	27,028	28,035	95
Augusta-Aiken, GA-SC	9,856	10,463	10,852	3.7	21,665	22,848	23,649	229	Fresno, CA	16,626	17,288	18,279	5.7	19,264	19,881	20,776	297
Austin-San Marcos, TX	28,006	32,579	36,437	11.8	26,224	29,494	31,794	39	Gadsden, AL	2,011	2,077	2,123	2.2	19,385	19,986	20,518	301
Bakersfield, CA	11,873	12,458	12,777	2.6	19,010	19,724	19,886	307	Gainesville, FL	4,606	4,926	5,091	3.3	23,313	24,551	25,648	152
Baltimore, MD*	70,139	74,017	78,309	5.8	28,343	29,834	31,434	43	Galveston-Texas City, TX*	5,766	6,145	6,285	2.3	23,796	25,082	25,296	165
Bangor, ME (NECMA)	2,965	3,131	3,267	4.3	20,443	21,676	22,617	261	Gary, IN*	14,872	15,671	16,396	4.6	23,774	24,985	26,093	142
Barnstable-Yarmouth, MA (NECMA)	6,297	6,801	7,326	7.7	30,690	32,622	34,470	24	Glens Falls, NY	2,564	2,703	2,789	3.2	21,082	22,263	22,939	248
Baton Rouge, LA	13,110	14,121	14,657	3.8	22,997	24,591	25,316	162	Goldsboro, NC	2,141	2,213	2,240	1.2	19,122	19,789	20,050	306
Beaumont-Port Arthur, TX	8,209	8,714	8,803	1.0	21,915	23,229	23,395	232	Grand Forks, ND-MN	2,133	2,254	2,279	1.1	21,032	23,032	23,870	217
Bellingham, WA	3,336	3,548	3,724	5.0	21,536	22,561	23,228	241	Grand Junction, CO	2,391	2,560	2,712	5.9	21,596	22,679	23,557	228
Benton Harbor, MI	3,755	3,855	4,065	5.5	23,411	24,117	25,454	159	Grand Rapids-Muskegon-Holland, MI	26,028	27,613	29,055	5.2	25,317	26,584	27,616	106
Bergen-Passaic, NJ*	49,184	51,584	54,521	5.7	36,883	38,568	40,623	6	Great Falls, MT	1,795	1,869	1,915	2.5	22,732	23,790	24,463	195
Billings, MT	2,921	3,086	3,214	4.1	23,193	24,449	25,253	169	Greeley, CO*	3,196	3,503	3,789	8.2	20,547	21,964	22,852	252
Biloxi-Gulfport-Pascagoula, MS	6,972	7,683	8,020	4.4	20,232	22,060	22,707	258	Green Bay, WI	5,728	6,035	6,301	4.4	26,756	28,079	29,102	75
Binghamton, NY	5,627	5,824	6,073	4.3	22,468	23,394	24,542	190	Greensboro-Winston-Salem-High Point, NC	30,331	32,468	34,080	5.0	26,302	27,806	28,896	79
Birmingham, AL	22,994	24,305	25,527	5.0	25,505	26,732	27,896	98	Greenville, NC	2,827	2,932	2,974	1.4	22,718	23,158	23,239	239
Bismarck, ND	2,033	2,173	2,267	4.3	22,408	23,750	24,660	186	Greenville-Spartanburg-Anderson, SC	20,521	21,948	23,117	5.3	22,639	23,904	24,869	180
Bloomington, IN	2,509	2,678	2,801	4.6	21,640	22,978	23,957	212	Hagerstown, MD*	2,841	2,933	3,088	5.3	22,322	23,009	24,162	207
Bloomington-Normal, IL	3,676	3,910	4,1														

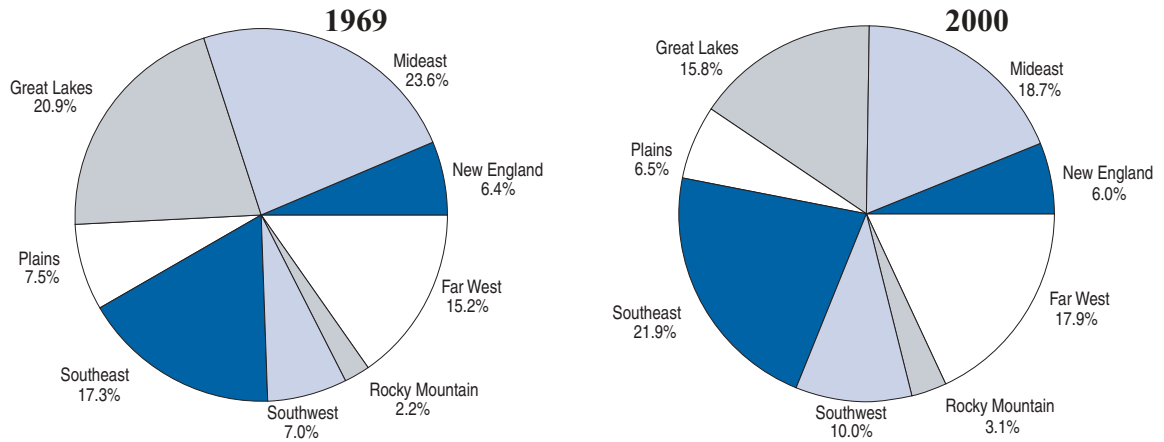
Table K.1.—Personal Income and Per Capita Personal Income by Metropolitan Area, 1997–99—Continued

Area name	Personal income				Per capita personal income ¹				Area name	Personal income				Per capita personal income ¹			
	Millions of dollars			Percent change 1998–99	Dollars			Rank in U.S.		Millions of dollars			Percent change 1998–99	Dollars			Rank in U.S.
	1997	1998	1999		1997	1998	1999			1997	1998	1999		1997	1998	1999	
Lakeland-Winter Haven, FL	9,333	10,056	10,653	5.9	20,893	22,217	23,294	236	Richmond-Petersburg, VA	26,093	27,779	29,413	5.9	27,676	29,174	30,593	51
Lancaster, PA	11,363	12,014	12,563	4.6	25,048	26,307	27,309	114	Riverside-San Bernardino, CA*	61,591	66,105	70,604	6.8	20,201	21,210	22,060	274
Lansing-East Lansing, MI	10,643	10,826	11,458	5.8	23,633	24,043	25,419	160	Roanoke, VA	5,919	6,254	6,488	3.7	25,906	27,437	28,491	85
Laredo, TX	2,407	2,583	2,726	5.5	13,345	13,828	14,112	317	Rochester, MN	3,260	3,589	3,853	7.4	28,456	30,690	32,359	35
Las Cruces, NM	2,613	2,789	2,897	3.8	15,701	16,508	17,003	315	Rochester, NY	28,344	29,453	30,389	3.2	26,162	27,251	28,162	90
Las Vegas, NV-AZ	33,759	37,416	40,723	8.8	26,786	28,334	29,486	68	Rockford, IL	8,720	9,176	9,498	3.5	24,556	25,708	26,484	132
Lawrence, KS	1,890	2,018	2,130	5.6	19,921	20,896	21,658	283	Rocky Mount, NC	3,141	3,283	3,163	-3.7	21,616	22,500	21,510	288
Lawton, OK	2,202	2,300	2,360	2.6	20,253	21,264	22,134	270	Sacramento, CA*	39,412	42,394	45,530	7.4	25,796	27,276	28,718	83
Lewiston-Auburn, ME (NECMA)	2,214	2,318	2,388	3.0	21,934	22,892	23,570	225	Saginaw-Bay City-Midland, MI	9,681	10,005	10,424	4.2	24,061	24,914	26,012	143
Lexington, KY	11,288	12,177	12,831	5.4	25,432	27,089	28,161	91	St. Cloud, MN	3,334	3,708	3,831	3.3	20,600	22,770	23,231	240
Lima, OH	3,375	3,547	3,709	4.6	21,797	22,987	24,072	209	St. Joseph, MO	2,101	2,199	2,310	5.1	21,629	22,591	23,764	220
Lincoln, NE	5,996	6,440	6,772	5.2	25,693	27,340	28,493	84	St. Louis, MO-IL	71,103	75,109	78,051	3.9	27,798	29,321	30,382	57
Little Rock-North Little Rock, AR	13,748	14,656	15,414	5.2	24,975	26,445	27,571	107	Salem, OR*	7,142	7,565	7,973	5.4	21,989	22,903	23,789	219
Longview-Marshall, TX	4,442	4,661	4,792	2.8	21,429	22,348	22,872	251	Salinas, CA	9,633	10,358	10,927	5.5	26,842	28,252	29,393	72
Los Angeles-Long Beach, CA*	235,075	251,637	263,815	4.8	25,758	27,281	28,276	89	Salt Lake City-Ogden, UT	29,318	31,235	32,967	5.5	23,435	24,725	25,855	149
Louisville, KY-IN	25,985	28,009	29,514	5.4	26,141	28,041	29,342	73	San Angelo, TX	2,211	2,323	2,399	3.3	21,613	22,622	23,453	231
Lubbock, TX	5,129	5,419	5,574	2.9	22,294	23,747	24,459	196	San Antonio, TX	34,572	36,765	38,680	5.2	22,831	23,872	24,716	185
Lynchburg, VA	4,427	4,494	4,939	5.2	21,402	22,605	23,649	224	San Diego, CA	70,957	76,840	83,183	8.3	26,067	27,779	29,489	67
Macon, GA	7,076	7,684	7,857	5.0	22,383	23,449	24,433	198	San Francisco, CA*	70,441	77,548	83,768	8.0	42,150	46,071	49,695	1
Madison, WI	12,142	12,994	13,714	5.5	28,764	30,599	31,999	37	San Jose, CA*	61,593	66,341	76,850	15.8	37,980	40,406	46,649	2
Mansfield, OH	3,733	3,861	3,975	3.0	21,084	21,831	22,509	263	San Luis Obispo-Atascadero-Paso Robles, CA	5,452	5,824	6,134	5.3	23,559	24,879	25,888	147
McAllen-Edinburg-Mission, TX	6,297	6,746	7,135	5.8	12,493	12,982	13,339	318	Santa Barbara-Santa Maria-Lompoc, CA	10,507	11,259	11,817	5.0	27,164	28,909	30,218	61
Medford-Ashtland, OR	3,760	3,980	4,220	6.0	22,044	22,766	24,004	211	Santa Cruz-Watsonville, CA*	7,140	7,589	8,224	8.4	29,890	31,204	33,539	28
Melbourne-Titusville-Palm Bay, FL	10,581	11,051	11,421	3.4	23,045	23,775	24,282	205	Santa Fe, NM	3,893	4,196	4,366	4.0	27,855	29,379	30,634	50
Memphis, TN-AR-MS	28,090	30,361	31,857	4.9	25,961	27,793	28,828	80	Santa Rosa, CA*	12,445	13,224	14,296	8.1	29,183	30,485	32,492	32
Merced, CA	3,369	3,520	3,687	4.8	17,377	17,842	18,367	312	Sarasota-Bradenton, FL	17,634	18,852	19,626	4.1	32,943	34,719	35,679	17
Miami, FL*	49,081	51,561	53,811	4.4	23,020	23,972	24,733	182	Savannah, GA	6,774	7,332	7,653	4.4	23,879	25,703	26,534	131
Middlesex-Somerset-Hunterdon, NJ*	39,916	42,910	45,189	5.3	36,137	38,405	39,969	7	Scranton-Wilkes-Barre-Hazleton, PA	14,151	14,546	15,031	3.3	22,782	23,609	24,581	188
Milwaukee-Waukesha, WI*	41,976	44,379	46,512	4.8	28,760	30,405	31,805	38	Seattle-Bellevue-Everett, WA*	76,080	84,641	93,116	10.0	33,484	36,619	39,880	8
Minneapolis-St. Paul, MN-WI	88,287	95,516	101,242	6.0	31,587	33,746	35,250	20	Sharon, PA	2,475	2,565	2,656	3.5	20,274	21,063	21,864	278
Missoula, MT	1,955	2,085	2,187	4.9	22,006	23,446	24,476	194	Sheboygan, WI	2,692	2,871	3,051	6.3	24,516	26,101	27,705	100
Mobile, AL	10,667	11,274	11,681	3.6	20,242	21,202	21,814	280	Sherman-Denison, TX	2,176	2,314	2,440	5.4	21,616	22,683	23,521	230
Modesto, CA	8,512	9,100	9,517	4.6	20,295	21,318	21,790	282	Shreveport-Bossier City, LA	8,358	8,771	9,084	3.6	22,006	23,232	24,053	210
Monmouth-Ocean, NJ*	32,675	34,897	36,620	4.9	30,278	31,919	33,021	30	Sioux City, IA-NE	2,766	2,938	3,032	3.2	22,957	24,414	25,144	171
Monroe, LA	2,942	3,100	3,246	4.7	20,016	21,115	22,128	271	Sioux Falls, SD	4,313	4,663	4,991	7.0	27,270	28,989	30,341	58
Montgomery, AL	7,478	7,855	8,266	5.2	23,416	24,426	25,637	153	South Bend, IN	6,270	6,659	6,919	3.9	24,288	25,791	26,761	124
Muncie, IN	2,609	2,716	2,813	3.6	22,160	23,347	24,362	203	Spokane, WA	9,152	9,538	9,985	4.7	22,567	23,365	24,368	202
Myrtle Beach, SC	3,765	4,061	4,373	7.7	22,226	23,266	24,492	193	Springfield, IL	5,240	5,516	5,713	3.6	25,699	27,036	28,000	96
Naples, FL	8,121	8,834	9,288	5.1	42,117	44,217	44,862	4	Springfield, MO	6,766	7,221	7,562	4.7	22,474	23,697	24,525	192
Nashville, TN	31,474	33,867	35,750	5.6	27,677	29,306	30,510	54	Springfield, MA (NECMA)	14,627	15,295	15,995	4.6	24,763	25,938	27,149	120
Nassau-Suffolk, NY*	95,132	99,841	104,197	4.4	35,771	37,372	38,751	11	State College, PA	2,921	3,052	3,187	4.4	22,049	23,122	24,107	208
New Haven-Bridgeport-Stamford-Danbury-Waterbury, CT*	65,653	70,443	73,991	5.0	40,378	43,207	45,267	3	Steubenville-Weirton, OH-WV	2,625	2,763	2,819	2.0	19,227	20,527	21,151	293
New London-Norwich, CT (NECMA)	7,291	7,649	7,817	2.2	29,130	30,972	31,771	40	Stockton-Lodi, CA	11,002	11,420	12,133	6.2	20,375	20,775	21,544	286
New Orleans, LA	31,462	33,175	33,890	2.2	24,069	25,394	25,960	146	Sumter, SC	1,888	1,966	2,050	4.3	16,944	17,506	18,238	313
New York, NY*	298,362	318,126	338,168	6.3	34,492	36,653	38,814	10	Syracuse, NY	16,982	17,707	18,335	3.5	22,991	24,097	25,017	174
Newark, NJ*	67,668	72,186	75,676	4.8	34,830	37,055	38,715	12	Tacoma, WA*	15,573	16,531	17,420	5.4	23,490	24,455	25,289	166
Newburgh, NY-PA*	8,539	9,111	9,596	5.3	23,345	24,628	25,553	158	Tallahassee, FL	6,084	6,524	6,825	4.6	23,550	25,177	26,252	137
Norfolk-Virginia Beach-Newport News, VA-NC	35,458	37,229	39,034	4.8	22,883	24,012	24,979	177	Tampa-St. Petersburg-Clearwater, FL	57,336	60,882	64,120	5.3	25,769	27,006	28,145	92
Oakland, CA*	72,106	77,261	83,769	8.4	31,741	33,374	35,666	18	Terre Haute, IN	2,991	3,155	3,286	4.1	20,049	21,226	22,170	269
Ocala, FL	4,842	5,207	5,440	4.5	20,539	21,581	22,115	273	Texasarkana, TX-Texasarkana, AR	2,499	2,572	2,680	4.2	20,293	20,940	21,811	281
Odessa-Midland, TX	5,859	6,198	6,056	-2.3	24,382	25,410	24,999	175	Toledo, OH	15,355	15,896	16,496	3.8	25,155	26,597	27,087	121
Oklahoma City, OK	23,010	24,433	25,568	4.6	22,335	23,542	24,437	197	Topeka, KS	4,114	4,337	4,507	3.9	24,282	25,457	26,394	134
Olympia, WA	4,749	5,033	5,293	5.2	23,778	24,883	25,760	150	Trenton, NJ*	11,631	12,441	13,230	6.3	35,260	37,531	39,626	9
Omaha, NE-IA	19,050	20,200	21,450	6.2	27,717	29,146	30,692	48	Tucson, AZ	16,809	18,049	19,215	6.5	21,587	22,837	23,911	214
Orange County, CA*	81,395	87,626	93,333	6.5	30,536	32,171	33,805	26	Tulsa, OK	19,477	21,140	21,740	2.8	25,468	27,219	27,654	103
Orlando, FL	35,321	38,384	40,782	6.2	24,124	25,541	26,568	129	Tuscaloosa, AL	3,349	3,587	3,746	4.4	20,947	22,314	23,207	244
Owensboro, KY	1,962	2,041	2,132	4.5	21,599	22,437	23,383	233									

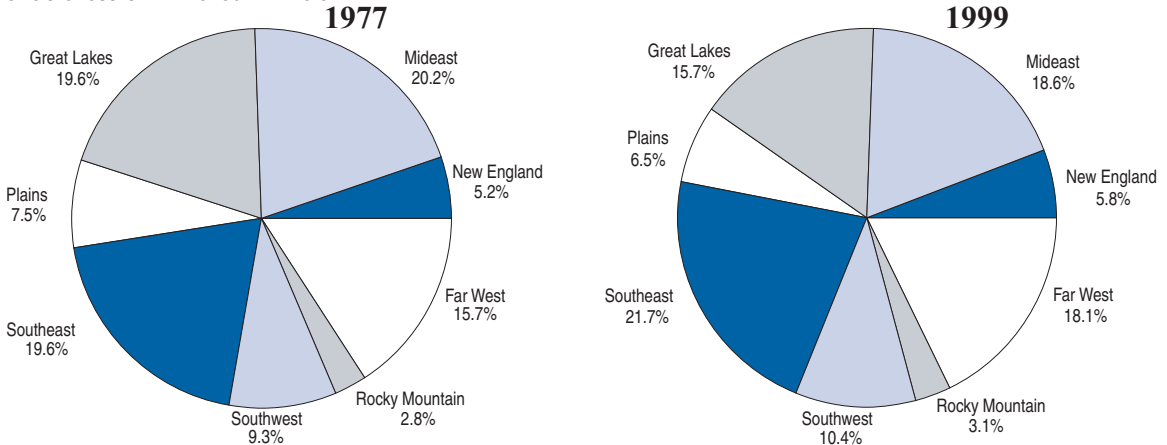
L. Charts

SELECTED REGIONAL ESTIMATES

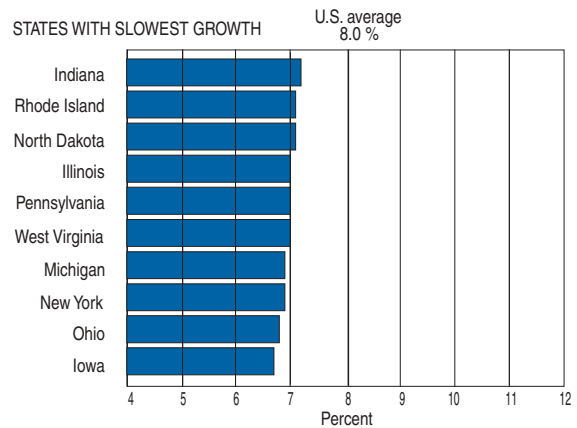
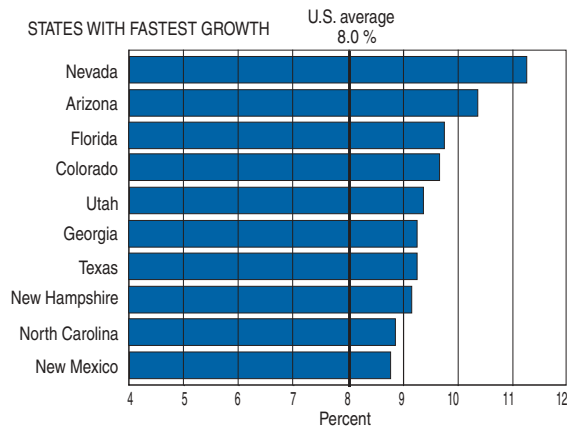
SHARES OF U.S. PERSONAL INCOME BY REGION



SHARES OF U.S. GROSS STATE PRODUCT BY REGION

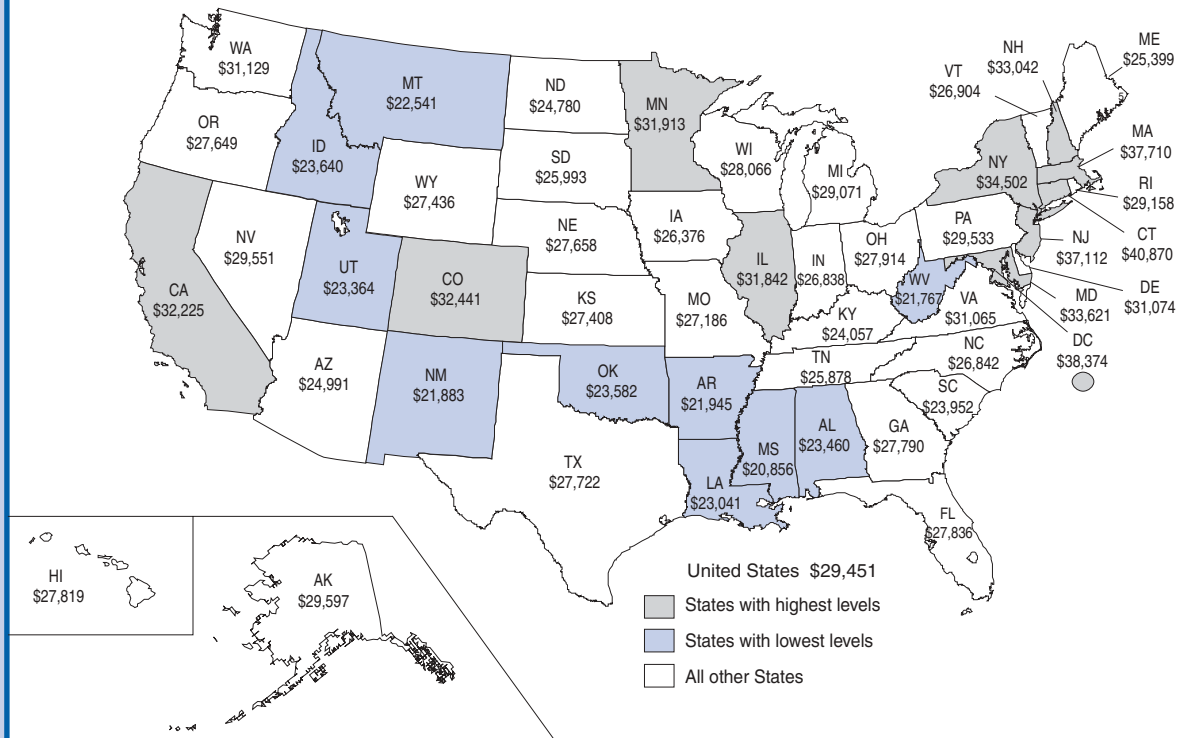


AVERAGE ANNUAL GROWTH RATE OF PERSONAL INCOME, 1969-2000

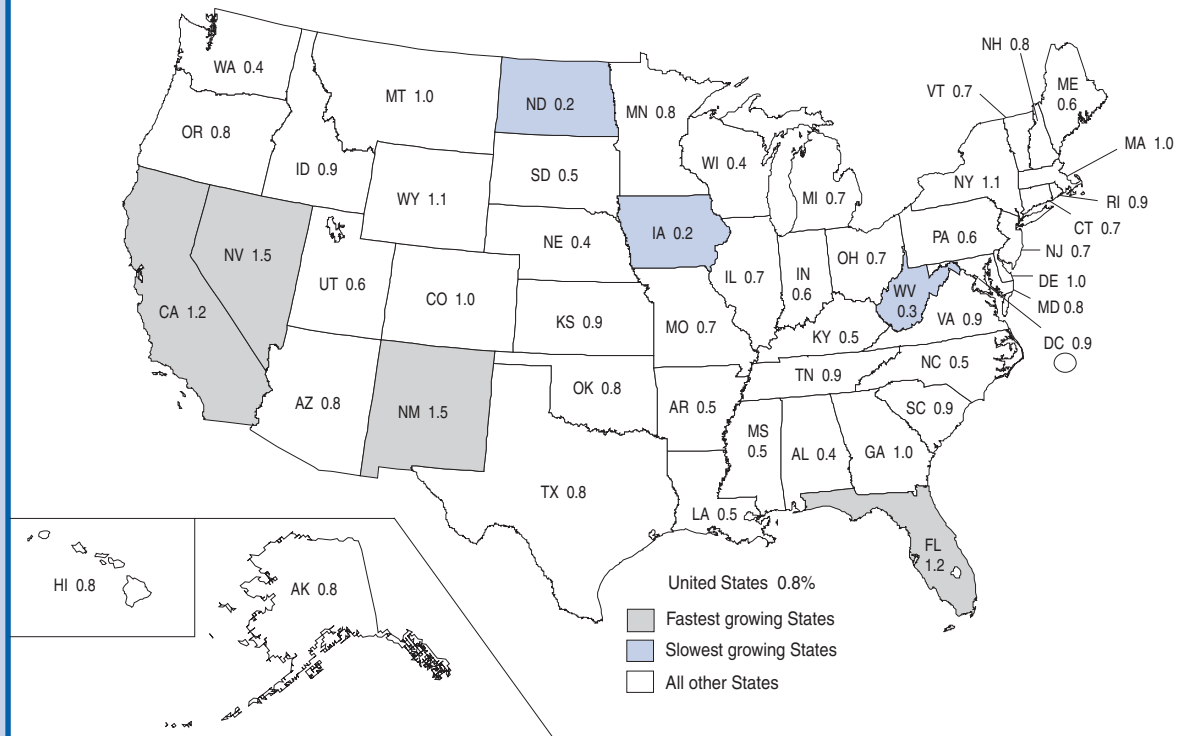


SELECTED REGIONAL ESTIMATES

PER CAPITA PERSONAL INCOME, 2000



PERSONAL INCOME: PERCENT CHANGE, 2001:I-2001:II



Appendix A

Additional Information About the NIPA Estimates

Statistical Conventions

Changes in current-dollar GDP measure changes in the market value of goods and services produced in the economy in a particular period. For many purposes, it is necessary to decompose these changes into quantity and price components. To compute the quantity indexes, changes in the quantities of individual goods and services are weighted by their prices. (Quantity changes for GDP are often referred to as changes in “real GDP.”) For the price indexes, changes in the prices for individual goods and services are weighted by quantities produced. (In practice, the current-dollar value and price indexes for most GDP components are determined largely using data from Federal Government surveys, and the real values of these components are calculated by deflation at the most detailed level for which all the required data are available.)

The annual changes in quantities and prices are calculated using a Fisher formula that incorporates weights from 2 adjacent years. For example, the annual percent change in real GDP in 1997–98 uses prices for 1997 and 1998 as weights, and the 1997–98 annual percent change in the GDP price index uses quantities for 1997 and 1998 as weights. Because the Fisher formula allows for the effects of changes in relative prices and in the composition of output over time, the resulting quantity or price changes are not affected by the substitution bias that is associated with changes in quantities and prices calculated using a fixed-weighted formula.¹ These annual changes are “chained” (multiplied) together to form time series of quantity and price; the percent changes that are calculated from these time series are not affected by the choice of reference period.

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

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

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

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

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

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

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

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

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

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

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

Reconciliation Tables

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

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

^P Preliminary.

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

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

differences in seasonal adjustment procedures.

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

BLS Bureau of Labor Statistics.

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

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

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

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

Appendix B

Suggested Reading

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

National accounts

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

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

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

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

Foreign Transactions (1987)

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

Government Transactions (1988)

Personal Consumption Expenditures (1990)

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

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

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

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

In addition, see the following articles in the SURVEY. "Updated Summary NIPA Methodologies" (October 2001) briefly describes the principal source data and methods used to prepare the current-dollar and real estimates of GDP.

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

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

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

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

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

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>. 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 the 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 (ITAs). *The Balance of Payments of the United States: Concepts, Data Sources, and Estimating Procedures* (1990) describes the methodologies used to prepare the estimates in the ITAs and the international investment position of the United States. These methodologies are usually updated and improved as part of the annual revisions of the ITAs.

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

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

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

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

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

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

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

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

Regional accounts

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

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

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

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

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

Availability

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

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