NOVEMBER 1997 ~ VOLUME 77 NUMBER 11

SURVEY of CURRENT BUSINESS

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Gross Product by Industry, 1947–96

Benchmark Input-Output Accounts for the U.S. Economy, 1992

U.S. DEPARTMENT OF COMMERCE ~ ECONOMICS AND STATISTICS ADMINISTRATION
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THIS ISSUE of the SURVEY went to the printer on November 13, 1997.
It incorporates data from the following monthly BEA news releases:
U.S. International Trade in Goods and Services (October 21),
Gross Domestic Product (October 31), and
Personal Income and Outlays (November 3).

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In model year 1997, sales of motor vehicles totaled 15.4 million units; sales have ranged between 15.2 million and 15.5 million for the past 4 years. In 1997, sales of new trucks increased 4.6 percent to a record 7.1 million units, but sales of new cars decreased 4.6 percent to 8.3 million units.

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LOOKING AHEAD

❁ ***Benchmark Input-Output Accounts.*** The second of the two articles that present the 1992 benchmark input-output accounts for the U.S. economy will be published in the December issue of the SURVEY. This article will include the three basic input-output requirements tables for each of 97 industries.

BUSINESS SITUATION

This article was prepared by Daniel Larkins, Larry R. Moran, Ralph W. Morris, and Deborah Y. Sieff.

REAL GROSS domestic product (GDP) increased 3.5 percent in the third quarter of 1997 after increasing 3.3 percent in the second quarter, according to the "advance" estimates of the national income and product accounts (NIPA's) (chart 1 and table 1).[1] Real final sales of domestic product increased 5.0 percent after increasing 2.5 percent. The price index for gross domestic purchases increased 1.2 percent after increasing 0.8 percent.

The largest contribution to the increase in real GDP was made by personal consumption expenditures (PCE), which increased 5.7 percent, as expenditures on durable goods, on nondurable goods, and on services all increased substantially.[2] Nonresidential fixed investment also contributed to the increase in GDP; producers' durable equipment increased 22.1 percent, and structures increased 10.1 percent. Exports of goods and services increased 5.6 percent, largely reflecting an increase in exports of nonautomotive capital goods.[3] Partly offsetting these positive contributions to GDP growth were negative contributions

1. Quarterly estimates in the NIPA's are expressed at seasonally adjusted annual rates, unless otherwise specified. Quarter-to-quarter dollar changes are differences between the published estimates. Quarter-to-quarter percent changes are annualized and are calculated from unrounded index numbers. Real estimates are expressed in chained (1992) dollars. Price indexes are chain-type measures.

2. NIPA table 8.2 shows the contributions of the major components to the quarter-to-quarter percent change in real GDP.

3. Exports and imports of nonautomotive capital goods include both parts and equipment. In contrast, parts are *not* included in the producers' durable equipment component of business fixed investment or in the equipment component of government investment.

Table 1.—Real Gross Domestic Product, Real Gross Domestic Purchases, and Real Final Sales to Domestic Purchasers

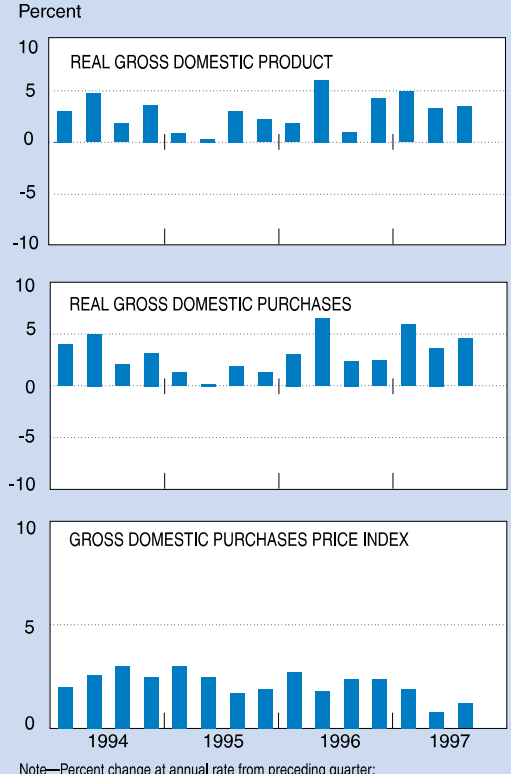
[Seasonally adjusted at annual rates]

	Billions of chained (1992) dollars					Percent change from preceding quarter			
	Level	Change from preceding quarter				1996	1997		
	1997	1996	1997						
	III	IV	I	II	III	IV	I	II	III
Gross domestic product	**7,221.8**	**73.6**	**84.2**	**58.0**	**62.2**	**4.3**	**4.9**	**3.3**	**3.5**
Less: Exports of goods and services	975.7	49.7	21.6	39.8	13.2	25.5	9.9	18.4	5.6
Plus: Imports of goods and services	1,135.6	16.4	42.3	50.2	36.5	6.8	17.9	20.5	14.0
***Equals*: Gross domestic purchases**	**7,368.8**	**43.1**	**102.5**	**66.0**	**81.9**	**2.5**	**5.9**	**3.7**	**4.6**
Less: Change in business inventories	51.5	–5.0	30.8	13.9	–26.1	.....	.....	.....	.....
***Equals*: Final sales to domestic purchasers**	**7,310.9**	**46.3**	**70.4**	**51.6**	**106.2**	**2.7**	**4.0**	**2.9**	**6.0**
Personal consumption expenditures	4,897.1	38.2	61.7	11.3	67.7	3.3	5.3	.9	5.7
Durable goods	653.8	5.2	20.7	–8.8	24.8	3.5	14.1	–5.4	16.7
Nondurable goods	1,466.8	7.3	16.6	–7.8	16.8	2.1	4.7	–2.1	4.7
Services	2,777.8	25.4	25.7	25.9	28.0	3.9	3.9	3.9	4.1
Private nonresidential fixed investment	873.7	11.5	8.1	28.1	36.7	5.9	4.1	14.6	18.7
Structures	198.2	6.9	–1.0	–2.4	4.7	15.3	–2.1	–4.7	10.1
Producers' durable equipment	682.6	3.8	9.9	32.7	33.3	2.6	6.7	23.0	22.1
Private residential investment	280.2	–3.0	2.2	4.9	2.0	–4.3	3.3	7.4	2.8
Government consumption expenditures and gross investment	1,273.3	.3	–1.3	9.6	3.2	.1	–.4	3.1	1.0
Federal	458.8	–6.1	–6.8	7.3	–1.3	–5.2	–5.8	6.6	–1.2
State and local	814.5	6.4	5.4	2.4	4.4	3.3	2.7	1.2	2.2
Addendum: Final sales of domestic product	**7,164.0**	**76.7**	**52.4**	**43.6**	**86.3**	**4.5**	**3.0**	**2.5**	**5.0**

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 (1992) dollar levels and residuals, which measure the extent of nonadditivity in each table, are found in NIPA tables 1.2, 1.4, and 1.6. Percent changes are found in table 8.1.

CHART 1

Selected Measures: Change From Preceding Quarter



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

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

from inventory investment and imports of goods and services. Inventory investment (that is, change in business inventories) decreased $26.1 billion, reflecting a slowdown in the accumulation of inventory stocks. Imports, which are subtracted in the calculation of GDP, increased 14.0 percent, as imports of nonautomotive capital goods increased substantially.

Motor vehicles.—Real motor vehicle output increased 23.6 percent in the third quarter after decreasing 10.7 percent in the second, and final sales of motor vehicles to domestic purchasers increased 26.0 percent after decreasing 13.7 percent (table 2). Both autos and trucks contributed to the upswings.[4]

Most of the upswing in final sales was accounted for by consumer purchases, although factors frequently considered in analyses of consumer spending were much the same in the third

4. A longer term perspective on motor vehicles is provided in "Motor Vehicles, Model Year 1997" in this issue.

Third-Quarter 1997 Advance GDP Estimate: Source Data and Assumptions

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

Personal consumption expenditures: Sales of retail stores (3) and unit auto and truck sales (3);

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

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

Change in business inventories: Manufacturing and trade inventories (2) and unit auto and truck inventories (3);

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

Government consumption expenditures and gross investment: Department of Defense outlays (3), other Federal outlays (3), State and local construction put in place (2), and State and local employment (3);

GDP prices: Consumer Price Index (3), Producer Price Index (3), U.S. Import and Export Price Indexes (3), and values and quantities of petroleum imports (2).

BEA made assumptions for source data that were not available. Table A shows the assumptions for key series; a more comprehensive listing of assumptions is available on the Department of Commerce's Economic Bulletin Board or from BEA.

Table A.—Summary of Major Data Assumptions for Advance Estimates, 1997:III

[Billions of dollars, seasonally adjusted at annual rates]

	1997					
	April	May	June	July	August	September [1]
Fixed investment:						
Nonresidential structures:						
Buildings, utilities, and farm:						
Value of new nonresidential construction put in place	156.5	160.0	159.2	165.3	163.9	165.9
Producers' durable equipment:						
Manufacturers' shipments of complete civilian aircraft	31.7	34.7	30.9	42.6	31.2	27.0
Residential structures:						
Value of new residential construction put in place:						
1-unit structures	162.5	161.6	160.6	161.4	161.2	165.5
2-or-more-unit structures	22.7	23.7	22.2	21.8	22.1	22.2
Change in business inventories nonfarm:						
Change in inventories for manufacturing and trade (except nonmerchant wholesalers) for industries other than motor vehicles and equipment in trade	46.8	35.1	64.8	17.6	28.6	41.9
Net exports: [2]						
Exports of goods:						
U.S. exports of goods, balance-of-payments basis	685.9	682.5	688.5	680.9	681.8	693.1
Excluding nonmonetary gold	675.0	674.8	679.3	677.6	678.5	690.1
Imports of goods:						
U.S. imports of goods, balance-of-payments basis	872.3	878.8	871.5	883.1	890.3	897.2
Excluding nonmonetary gold	860.2	868.1	861.4	880.1	887.7	894.2
Net exports of goods (exports less imports)	–186.4	–196.3	–183.0	–202.2	–208.5	–204.1
Excluding nonmonetary gold	–185.2	–193.3	–182.1	–202.5	–209.2	–204.1
Government consumption expenditures and gross investment:						
State and local:						
Structures:						
Value of new construction put in place	124.6	121.8	123.2	124.1	122.9	123.6

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

quarter as in the second. Growth of real disposable personal income was 2.9 percent in the third quarter, compared with 3.1 percent in the second. The Index of Consumer Sentiment (prepared by the University of Michigan's Survey Research Center) increased from a high level, 103.0, to an even higher one, 105.8. The unemployment rate was unchanged at 4.9 percent. Among factors specific to motor vehicle purchases, interest rates on new-car loans made by commercial banks decreased from 9.2 percent to 9.0 percent. Manufacturers offered more attractive sales-incentive programs than in the second quarter. These programs included rebates and below-market-rate financing; average interest rates for new-car loans made by motor vehicle finance companies decreased to 6.3 percent from 8.0 percent.

Business purchases also contributed to the upswing in final sales. Sales to government increased about as much as in the second quarter.

Motor vehicle inventory investment increased slightly more than in the second quarter; the third-quarter increase reflected a step-up in the accumulation of car inventories. Nevertheless, the inventory-sales ratio for new domestic autos, which is calculated from units data, edged down from 2.4 (the traditional industry target) at the end of the second quarter to 2.3 at the end of third.

Prices

The price index for gross domestic purchases, which measures the prices paid for goods and services purchased by U.S. residents, increased 1.2 percent in the third quarter after increasing 0.8 percent in the second (table 3). Excluding the relatively volatile food and energy components, prices of gross domestic purchases increased 1.0 percent after increasing 1.6 percent (chart 2).

Prices of PCE increased 1.4 percent after increasing 1.0 percent. The step-up was more than accounted for by food and energy prices. Food prices increased 3.4 percent after increasing 1.6 percent; the price of beef and veal accelerated, and the prices of fresh fruits and vegetables turned up. PCE energy prices increased 2.5 percent after decreasing 15.7 percent; prices of gasoline and oil and of gas turned up, and the price of fuel oil and coal decreased less than in the second quarter. Prices of PCE other than food and energy increased 1.0 percent after increasing 2.0 percent; the price of clothing and shoes turned down, and the prices of transportation and of medical care slowed.

Prices of nonresidential fixed investment decreased 0.9 percent after decreasing 1.5 percent; prices of structures increased about the same as in the second quarter, and prices of producers' durable equipment (PDE) decreased less than in

Table 2.—Motor Vehicle Output, Sales, and Inventories

[Seasonally adjusted at annual rates]

	Billions of chained (1992) dollars					Percent change from preceding quarter			
	Level	Change from preceding quarter				1996	1997		
	1997	1996	1997						
	III	IV	I	II	III	IV	I	II	III
Output	**253.7**	**–10.3**	**11.0**	**–6.9**	**13.1**	**–15.7**	**19.9**	**–10.7**	**23.6**
Autos	124.6	–14.2	6.0	–2.9	7.8	–37.5	22.5	–9.3	29.7
Trucks	128.9	3.9	5.0	–4.0	5.3	13.8	17.6	–12.0	18.1
Less: Exports	25.7	1.3	–.3	1.1	–.7	23.4	–4.5	17.8	–10.4
Autos	16.2	–.3	–.2	1.4	–.8	–7.4	–5.0	39.8	–16.3
Trucks	9.5	1.6	0	–.4	.1	108.0	–3.6	–12.3	1.1
Plus: Imports	84.5	–3.7	10.4	–2.2	4.9	–18.4	72.6	–10.5	27.0
Autos	68.9	–2.6	8.4	–1.9	3.2	–15.3	69.9	–11.2	20.9
Trucks	15.6	–1.3	2.1	–.3	1.7	–31.7	86.5	–7.0	59.0
***Equals*: Gross domestic purchases**	**312.4**	**–15.1**	**21.4**	**–10.0**	**18.5**	**–18.9**	**34.1**	**–12.6**	**27.8**
Autos	177.1	–16.3	14.3	–6.1	11.7	–32.7	41.8	–13.5	31.4
Trucks	135.2	1.2	7.1	–3.9	6.9	3.9	24.8	–11.5	23.3
Less: Change in business inventories	3.9	–14.5	12.5	.9	1.3	.....	.....	.....	.....
Autos	3.0	–11.9	6.1	2.7	2.1	.....	.....	.....	.....
Trucks	.9	–2.6	6.5	–1.9	–.8	.....	.....	.....	.....
***Equals*: Final sales to domestic purchasers**	**308.5**	**–1.1**	**9.4**	**–10.9**	**17.3**	**–1.5**	**13.4**	**–13.7**	**26.0**
Autos	174.0	–4.7	8.4	–8.7	9.6	–10.7	21.8	–18.6	25.5
Trucks	134.3	3.6	1.0	–2.2	7.7	12.2	3.2	–6.7	26.7
Addenda:									
Personal consumption expenditures	179.4	–1.9	4.8	–9.0	10.3	–4.2	11.5	–18.8	26.7
Producers' durable equipment	121.2	.1	3.9	–2.1	6.6	.3	14.5	–7.0	25.1
Gross government investment	9.4	.8	.7	.4	.5	49.1	43.3	18.5	24.5

NOTE.—See note to table 1 for an explanation of chained (1992) dollars. Truck output includes new trucks only; auto output includes new cars and used cars. Chained (1992) dollar levels for motor vehicle output, auto and truck output, and residuals, which measure the extent of nonadditivity in each table, are found in NIPA tables 1.4, 8.5, and 8.7.

the second quarter. The price of computers decreased less than in the second quarter, the price of industrial equipment turned up, and the price of transportation equipment accelerated. Prices of private residential investment increased 3.4 percent, the same as in the second quarter.

Prices of government consumption expenditures and gross investment also increased at the same rate as in the second quarter, 1.4 percent; a slowdown in prices paid by the Federal Government was offset by a step-up in prices paid by State and local governments. In the Federal Government, most of the slowdown was accounted for by national defense. In State and local government, prices increased 1.9 percent after increasing 1.5 percent; prices of consumption expenditures more than accounted for the step-up, as prices of gross investment slowed substantially.

The GDP price index increased 1.4 percent after increasing 1.8 percent. This index measures the prices paid for goods and services produced in the United States; unlike the price index for gross domestic purchases, it includes the prices of exports and excludes the prices of imports. Export prices decreased 1.8 percent after decreasing 0.7 percent; prices of agricultural exports decreased more than in the second quarter, while prices of nonagricultural exports decreased the same amount as in the second quarter. Import prices

Table 3.—Price Indexes

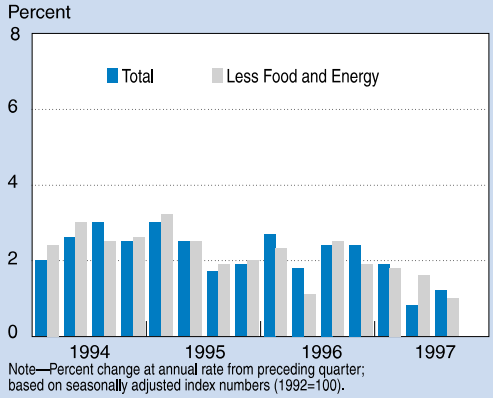
[Percent change at annual rates; based on seasonally adjusted index numbers (1992=100)]

	1996	1997		
	IV	I	II	III
Gross domestic product	**1.9**	**2.4**	**1.8**	**1.4**
Less: Exports of goods and services	–4.3	–1.8	–.7	–1.8
Plus: Imports of goods and services	0	–5.3	–7.6	–2.8
***Equals*: Gross domestic purchases**	**2.4**	**1.9**	**.8**	**1.2**
Less: Change in business inventories	.....	.....	.....	.....
***Equals*: Final sales to domestic purchasers**	**2.4**	**2.0**	**.9**	**1.3**
Personal consumption expenditures	3.0	2.2	1.0	1.4
Food	3.9	1.4	1.6	3.4
Energy	9.5	7.7	–15.7	2.5
Other personal consumption expenditures	2.4	2.0	2.0	1.0
Private nonresidential fixed investment	–1.5	–2.0	–1.5	–.9
Structures	2.5	2.8	3.9	4.0
Producers' durable equipment	–3.0	–3.8	–3.5	–2.6
Private residential investment	2.6	2.0	3.4	3.4
Government consumption expenditures and gross investment	2.5	3.5	1.4	1.4
Federal	2.5	4.9	1.3	.6
National defense	2.8	4.3	1.1	.2
Nondefense	1.7	6.1	1.5	1.3
State and local	2.5	2.7	1.5	1.9
Addendum:				
Gross domestic purchases less food and energy	1.9	1.8	1.6	1.0

NOTE.—Percent changes in major aggregates are found in NIPA table 8.1. Most index number levels are found in tables 7.1 and 7.2.

CHART 2

Gross Domestic Purchases Prices: Change From Preceding Quarter



Note—Percent change at annual rate from preceding quarter; based on seasonally adjusted index numbers (1992=100).

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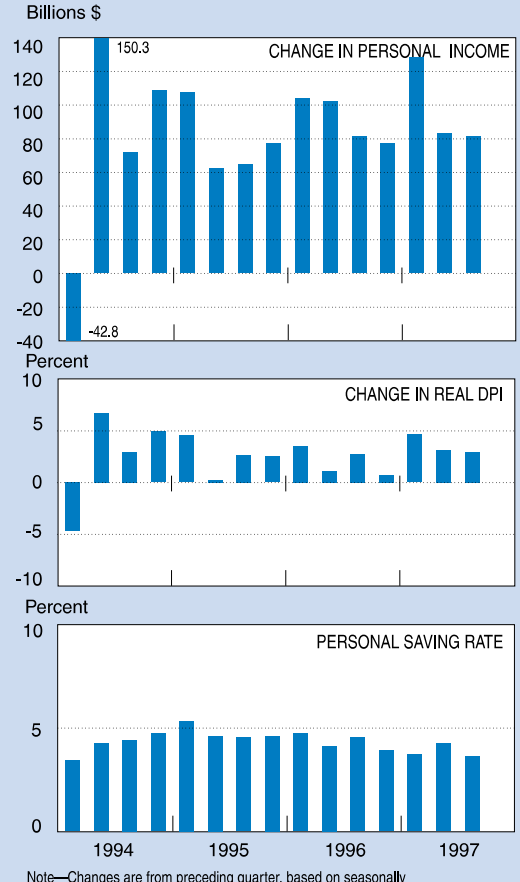
CHART 3

Selected Personal Income and Saving Measures



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

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

decreased 2.8 percent after decreasing 7.6 percent; petroleum prices decreased much less than in the second quarter.

Personal income

Real disposable personal income (DPI) increased 2.9 percent in the third quarter after increasing 3.1 percent in the second (chart 3). Current-dollar DPI increased $62.5 billion, or 4.3 percent, after increasing $59.4 billion, or 4.2 percent. The personal saving rate (saving as a percentage of current-dollar DPI) decreased to 3.6 percent from 4.2 percent, reflecting a sharp acceleration in outlays.

Personal income increased $80.7 billion after increasing $82.9 billion (table 4). The difference between the changes in personal income and those in DPI reflects personal tax and nontax payments, which increased $18.2 billion after increasing $23.5 billion.

Wage and salary disbursements increased $54.5 billion after increasing $50.1 billion. Disbursements in all major industries except goods-producing industries increased more than in the second quarter. A step-up in private industry wages and salaries was accounted for by a slight acceleration in average hourly earnings; in contrast, employment increased less than in the second quarter, and average weekly hours were about the same as in the second quarter.

Farm proprietors' income decreased $2.4 billion after increasing $3.4 billion. Both real farm product and farm prices contributed to the downturn.

Transfer payments to persons increased $8.2 billion after increasing $9.8 billion. The remaining components of personal income posted changes very similar to those in the second quarter.

Table 4.—Personal Income and Its Disposition

[Billions of dollars; seasonally adjusted at annual rates]

	Level	Change from preceding quarter			
	1997	1996	1997		
	III	IV	I	II	III
Wage and salary disbursements	3,896.1	54.1	74.6	50.1	54.5
Private industries	3,228.7	50.6	65.8	45.9	49.1
Goods-producing industries	961.8	10.6	15.1	9.9	9.0
Manufacturing	706.3	5.5	8.5	6.2	6.0
Distributive industries	879.6	11.6	16.2	10.2	12.6
Service industries	1,387.3	28.4	34.6	25.7	27.5
Government	667.4	3.4	8.9	4.2	5.4
Other labor income	418.0	.7	3.2	2.8	2.9
Proprietors' income with IVA and CCAdj	547.3	4.5	6.3	9.0	3.7
Farm	41.2	.3	–.2	3.4	–2.4
Nonfarm	506.1	4.2	6.5	5.6	6.1
Rental income of persons with CCAdj	147.9	1.2	–.2	–.3	–.8
Personal dividend income	324.5	3.2	17.3	5.8	6.2
Personal interest income	775.6	7.1	7.4	8.9	9.5
Transfer payments to persons	1,125.2	9.1	25.7	9.8	8.2
Less: Personal contributions for social insurance	324.8	3.3	6.7	3.1	3.5
Personal income	**6,909.8**	**76.5**	**127.8**	**82.9**	**80.7**
Less: Personal tax and nontax payments	997.4	25.3	33.1	23.5	18.2
***Equals*: Disposable personal income**	**5,912.4**	**51.2**	**94.7**	**59.4**	**62.5**
Less: Personal outlays	5,701.2	84.8	99.2	28.2	98.4
***Equals*: Personal saving**	**211.1**	**–33.6**	**–4.5**	**31.1**	**–35.9**
Addenda: Special factors in personal income:					
In wages and salaries:					
Federal Government and Postal Service pay adjustments, including "buyouts"	4.3	0	4.4	–.2	–.1
In transfer payments to persons:					
Social security retroactive payments	0	1.1	–1.1	0	0
Cost-of-living adjustments in Federal transfer programs	13.5	0	13.5	0	0
Earned Income Tax Credit payments	21.2	0	4.3	0	0
In personal contributions for social insurance:					
Social security base changes and increase in premium for supplementary medical insurance	2.1	0	2.1	0	0
In personal tax and nontax payments:					
Recent tax law changes	–9.2	–.1	–4.1	0	0

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

Motor Vehicles, Model Year 1997

By Ralph W. Morris

SALES OF new motor vehicles in the United States totaled 15.4 million units in model year 1997, slightly below the level of sales in 1996 (chart 1).[1] Motor vehicle sales have been within a range of 15.2 million units to 15.5 million units each year since 1994. Sales decreased 0.5 percent in 1997 after increasing 1.5 percent in 1996. The slight decrease was more than accounted for by sales of domestic cars; sales of domestic trucks and sales of both imported cars and trucks increased (table 1).[2]

Sales in 1997 reflected favorable developments in many of the factors that are usually considered in analyses of consumers spending. The unemployment rate decreased for the fifth consecutive

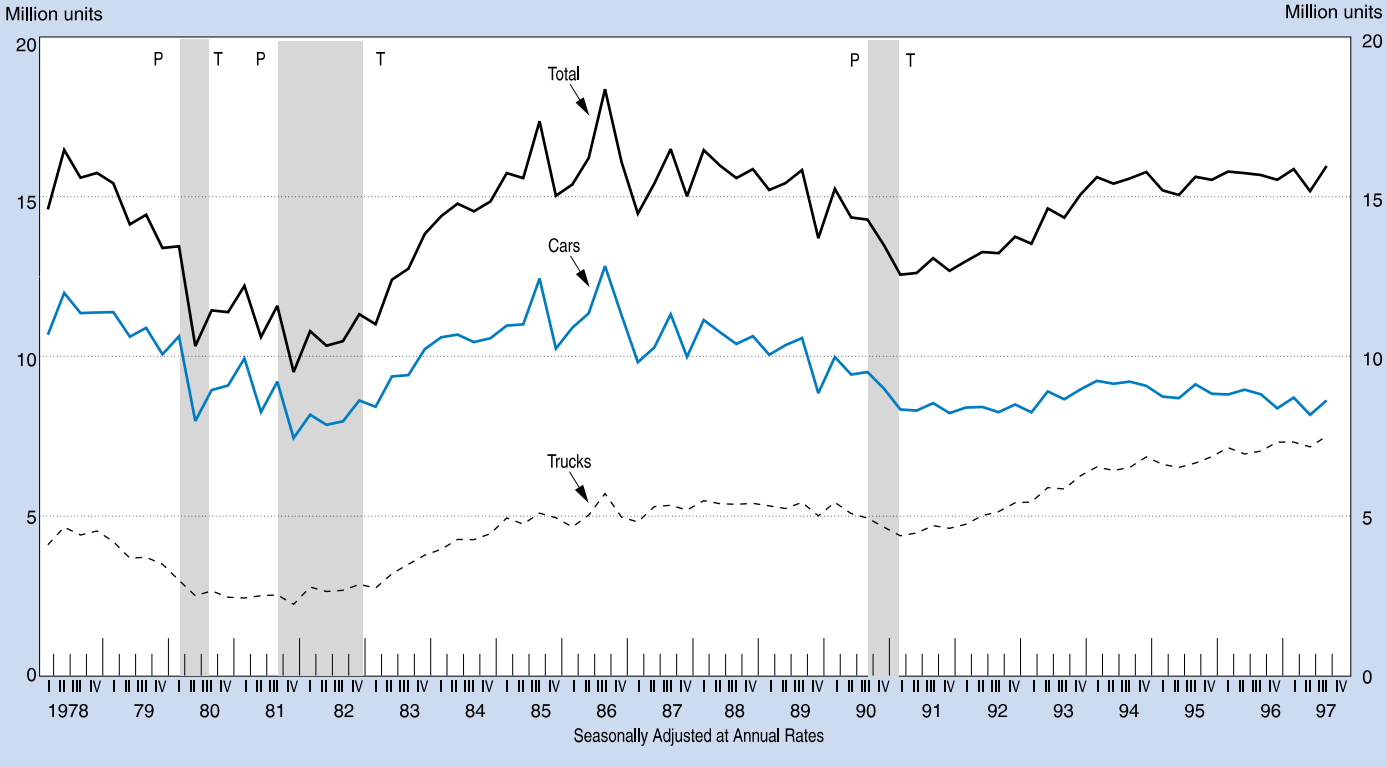
1. The data on unit sales, inventories, and production in this article are mainly from the *Ward's Automotive Reports* and the American Automobile Manufacturers Association, Inc., and the data on prices are mainly from the Bureau of Economic Analysis (BEA). These data underlie the estimates of auto and truck output in the national income and product accounts. The quarterly data are seasonally adjusted by BEA.

For this article, the model year is defined as beginning on October 1 and ending on the following September 30. Thus, model year 1997 covers the fourth calendar quarter of 1996 and the first, second, and third calendar quarters of 1997. All years mentioned in this article are model years unless otherwise stated.

2. Sales of domestic vehicles consist of the sales in the United States of domestic-nameplate vehicles and "transplant" vehicles manufactured in North America—that is, in Canada, the United States, and Mexico. Domestic-nameplate vehicles are those manufactured at factories owned by U.S. companies, and transplant vehicles are those manufactured at foreign-owned factories. Sales of imported vehicles consists of vehicles manufactured outside North America and sold in the United States.

CHART 1

New Motor Vehicle Sales



Note.— Peak (P) indicates the end of business cycle expansion and the beginning of recession (shaded area). Trough (T) indicates the end of business cycle recession and the beginning of expansion. Business cycle peaks and troughs designated by the National Bureau of Economic Research, Inc.
Data: American Automobile Manufacturers Association, Inc. and *Ward's Automotive Reports,* seasonally adjusted by BEA.

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

year. Real disposable personal income increased 2.8 percent. The Index of Consumer Sentiment (prepared by the University of Michigan's Survey Research Center) increased to its highest level in more than 30 years. In addition, the rise in equity prices in the past couple of years has produced sizable gains in wealth for many households; in 1997, personal sector holdings of corporate equities and mutual fund shares increased about 17 percent.[3]

Several factors specific to the motor vehicle industry were also favorable. Manufacturers offered sales-incentive programs to consumers throughout the year. Many of these programs were considerably more attractive than those offered in 1996, and several were modified to cover a broader selection of models. These programs included rebates, below-market-rate financing, and discount packages on optional equipment on selected models.

New-vehicle prices increased less in 1997 than in 1996. The consumer price index (CPI) for new cars increased 0.8 percent in 1997 after increasing 1.7 percent in 1996, and the CPI for new light trucks increased 1.8 percent after increasing 2.6 percent.[4] The modest increases in 1997 reflected both the extensive sales-incentive programs and the ongoing efforts by manufacturers to hold down production costs.

3. For 1997, holdings were calculated as the average of the holdings in the middle two quarters of the model year; these data are from the Federal Reserve Board.

4. The Bureau of Labor Statistics, U.S. Department of Labor, calculates the consumer price index.

Data Availability

BEA prepares seasonally adjusted estimates of auto and truck unit sales, of auto unit production and inventory change, and of average expenditure per new car. These estimates are available online by subscribing to STAT-USA's Economic Bulletin Board; for more information, call (202) 482–1986, or visit STAT-USA's Web site at <http://www.stat-usa.gov>.

These estimates are also available monthly in a printout or on a diskette by subscription from BEA as follows:

- "Auto Output Printout Subscription"—product number NLS–0167, price $108.00;
- As part of the "NIPA Monthly Update Diskette Subscription"—product number NDS–0171, price $204.00.

To order using Visa or MasterCard, call the BEA Order Desk at 1–800–704–0415 (from outside the United States, call (202) 606–9666). To order by mail, send a check payable to "Bureau of Economic Analysis, BE–53" to BEA Order Desk, Bureau of Economic Analysis, BE–53, U.S. Department of Commerce, Washington, DC 20230. (Please allow 4–6 weeks for delivery of the first installment of your subscription.)

Table 1.—Selected Motor Vehicle Indicators

	Model year [1]						Seasonally adjusted annual rates				
							1996		1997		
	1992	1993	1994	1995	1996	1997	III	IV	I	II	III
	Thousands of units										
New-motor-vehicle sales	12,868	13,913	15,179	15,233	15,460	15,380	15,492	15,341	15,678	14,916	15,769
New-car sales	8,160	8,428	8,936	8,736	8,654	8,259	8,634	8,200	8,536	7,994	8,444
Domestic	6,195	6,595	7,173	7,167	7,361	6,924	7,356	6,914	7,168	6,726	7,024
U.S. nameplates	5,048	5,348	5,707	5,518	5,428	4,964	...	...	...	...	...
Transplants	1,146	1,247	1,466	1,649	1,933	1,960	...	...	...	...	...
Import	1,966	1,833	1,763	1,570	1,293	1,335	1,278	1,286	1,369	1,268	1,420
New-truck sales	4,707	5,486	6,244	6,498	6,806	7,121	6,858	7,141	7,142	6,922	7,325
Light	4,446	5,167	5,869	6,070	6,389	6,707	6,444	6,748	6,722	6,509	6,893
Domestic	4,026	4,789	5,499	5,666	5,976	6,155	6,027	6,271	6,176	5,941	6,288
Import	421	378	370	404	413	552	417	478	546	569	605
Other	261	320	375	427	417	414	414	393	420	413	432
Domestic-car production	5,643	5,827	6,548	6,466	6,194	5,879	6,794	5,589	5,954	5,773	6,240
Domestic-car inventories [2]	...	...	...	...	...	...	1,514	1,376	1,334	1,318	1,354
Domestic-car inventory-sales ratio [3]	...	...	...	...	...	...	2.47	2.39	2.23	2.35	2.31
	Dollars										
Average expenditure per new car [4]	16,893	17,526	18,431	18,849	19,397	20,305	19,731	20,079	20,204	20,290	20,647
Domestic	16,281	16,595	17,406	17,695	18,064	18,580	18,239	18,435	18,441	18,537	18,908
Import	18,861	20,998	22,598	24,111	26,972	29,296	28,319	28,918	29,430	29,584	29,251

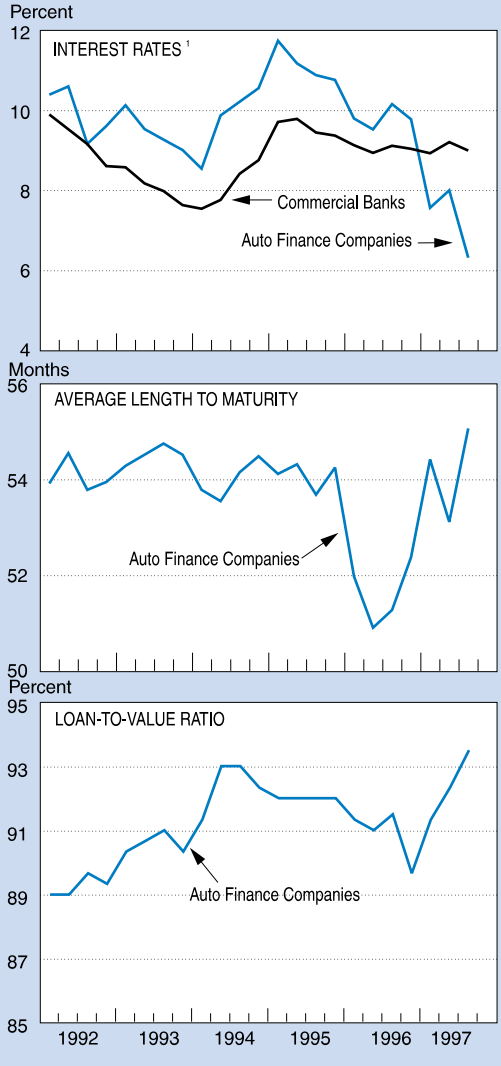
1. A model year begins on October 1 and ends on September 30. Thus, it covers the fourth quarter of one calendar year and the first three quarters of the next calendar year. Model year 1997, for example, encompasses the fourth quarter of 1996 and the first, second, and third quarters of 1997.
2. End of quarter, not at annual rate.
3. Ratio of end-of-quarter inventories to average monthly sales for the quarter.
4. BEA estimate, using average base price and adjustments for options, transportation charges, taxes, discounts, and rebates for each model, weighted by that model's share of sales; not at annual rate.

Source: American Automobile Manufacturers Association, Inc., and *Ward's Automotive Reports*; data are seasonally adjusted by BEA.

Finance terms on new-vehicle loans also remained favorable in 1997. Interest rates on new-car loans decreased for the second consecutive year: Rates for new-car loans made by motor vehicle finance companies averaged 7.9 percent in 1997, down from 10.1 percent in 1996, and rates for loans made by commercial banks averaged 9.0 percent, down from 9.1 percent (chart 2). The sharper drop in the rates for finance companies partly reflected the effect of manufacturers' offering sales-incentive programs with below-market rates through their financial subsidiaries. In addition, the average length to maturity of new-car loans made by the finance companies increased to 53.7 months from 52.1 months. (Longer term loans tend to increase sales to marginal buyers because they reduce monthly payments.)

CHART 2

Finance Terms on 48-Month New Car Installment Loans



1. Most common interest rates (annual percentage rate) at reporting institutions.
Data: Federal Reserve Board.

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

However, new-vehicle sales may have been dampened by developments in the used-vehicle market. A growing number of 2- and 3-year-old vehicles have become available in the used-vehicle market as leasing arrangements expire; this growth reflects the sharp increase in new-vehicle leasing in previous years. These vehicles are particularly attractive because they tend to have low mileage and tend to be well equipped with options and safety features. In addition, in contrast to the increase in new-car prices, used-car prices decreased 2.6 percent in 1997; the decrease in used-car prices may be partly related to the increase in the number of formerly leased cars entering the used-car market.

Another factor that has dampened motor vehicle sales in recent years probably continued in 1997: Owners are keeping their cars for longer periods; according to estimates by R.L. Polk and Company, the average age of cars on the road reached 8.6 years in calendar year 1996, compared with 7.8 years in 1990 (data for 1997 are not yet available).

New Cars

Sales of new cars decreased 4.6 percent to 8.3 millions units in 1997 after decreasing 0.9 percent in 1996. The 1997 decrease, the largest since 1991, was more than accounted for by the decrease in sales of domestic cars; a decrease in the sales of domestic-nameplate cars more than offset an increase in the sales of "transplant" cars. Sales of imported cars increased.

The average expenditure per new car increased 4.7 percent to $20,305 in 1997.[5] The increase partly reflected the increase in the share of total car sales that was accounted for by imported cars, which have a larger average expenditure than domestic cars. For domestic cars, the average expenditure increased 2.5 percent to $18,580; the increase partly reflected increased sales of models with extra features, such as antilock

5. BEA derives the average expenditure per new car, using data mainly from the Automotive Invoice Service and Bureau of Labor Statistics, by adding the price of optional equipment, transportation charges, and taxes to the base price and by subtracting discounts and rebates. Movements in the average expenditure differ from movements in the new-car component of the CPI, because the average expenditure, unlike the CPI (which is a fixed-weighted price index), reflects changes in the mix of models and options sold and includes cars sold to businesses and governments as well as cars sold to consumers and because the CPI, unlike the average expenditure, is adjusted to remove the influence of quality change on prices.

brakes, air conditioning, and power windows. The average expenditure for imported cars increased 8.6 percent to $29,296; the increase was partly attributable to the shift in composition of imported-car sales: The sales of luxury cars increased, while the sales of other cars decreased.

Sales of domestic cars decreased 5.9 percent in 1997 to 6.9 million units, the lowest level since 1993. The decrease was more than accounted for by sales of domestic-nameplate cars, which decreased 8.5 percent after increasing 1.6 percent; sales of transplant cars increased 1.4 percent after increasing 17.2 percent.

Sales of imported cars increased 3.1 percent to 1.3 million units, the first increase since 1987. Sales of cars imported from Europe more than accounted for the increase and may partly reflect the strengthening of the U.S. dollar against most European currencies (including the German mark). Sales of cars imported from Japan decreased despite the strengthening of the U.S. dollar against the Japanese yen.

The market share (percent of total new-car sales) of domestic-nameplate-car sales decreased to 60.1 percent in 1997 from 62.8 percent in 1996 (chart 3). The share of transplant-car sales increased to 23.7 percent from 22.3 percent, and the share of imported-car sales increased to 16.2 percent from 14.9 percent.

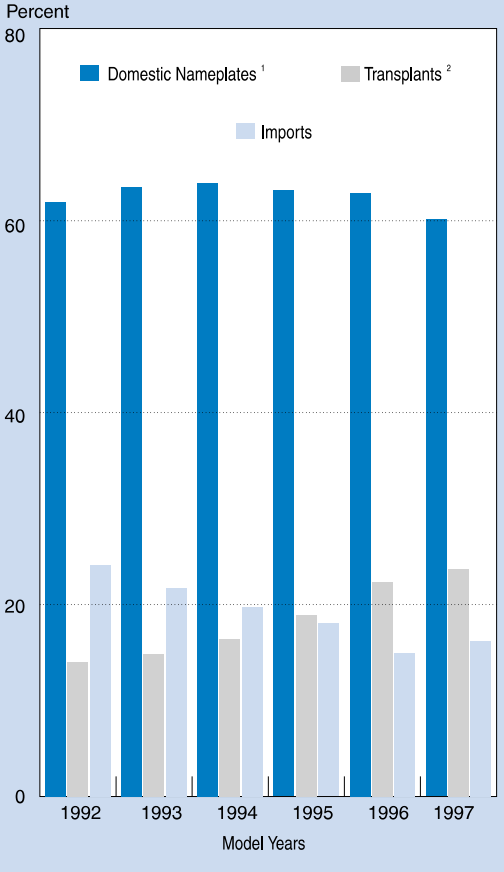
Sales of all size-classes of cars except luxury cars decreased in 1997. Sales of small cars decreased to 2.2 million units, and their market share decreased to 27.1 percent from 27.4 percent. Sales of middle-sized cars decreased to 4.0 million, and their market share decreased to 48.2 percent from 49.3 percent. Sales of large cars decreased to 0.8 million, and their market share remained unchanged at 10.0 percent. Sales of luxury cars increased to 1.2 million, and their market share increased to 14.6 percent from 13.3 percent (chart 4).

By quarter, new-car sales decreased in the first quarter of the model year, increased in the second quarter, decreased in the third quarter, and increased in the fourth quarter (chart 5).

Domestic-car production was 5.9 million units in 1997, the lowest production in 4 years. Domestic-car production has trended down in recent years despite the growth in the production

CHART 3

Share of New Cars by Source

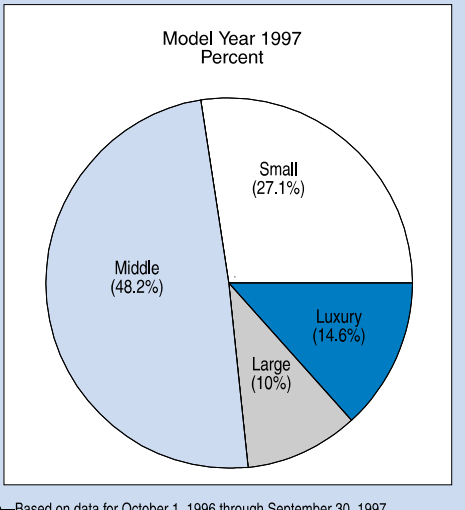


1. Domestic nameplates are cars manufactured in North America at factories owned by domestic companies.
2. Transplants are cars manufactured in North America at factories owned by foriegn companies.
Data: Motor Vehicle Manufacturers Association of the United States, Inc. and Ward's Automotive Reports, seasonally adjusted by BEA.

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

CHART 4

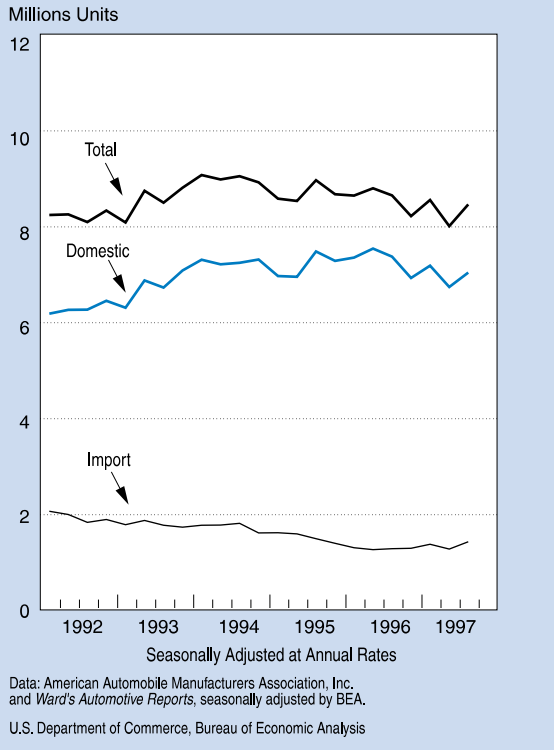
Share of New Car Sales by Size Class



Note—Based on data for October 1, 1996 through September 30, 1997.
Data: *Ward's Automotive Reports*

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

CHART 5



of U.S. assembly plants owned by foreign, mainly Japanese and European, manufacturers.

Domestic-car inventories were 1.4 million units at the end of model year 1997, slightly lower than at the end of 1996. The inventory-sales ratio was 2.3 at the end of 1997; the traditional industry target is 2.4.

New Trucks

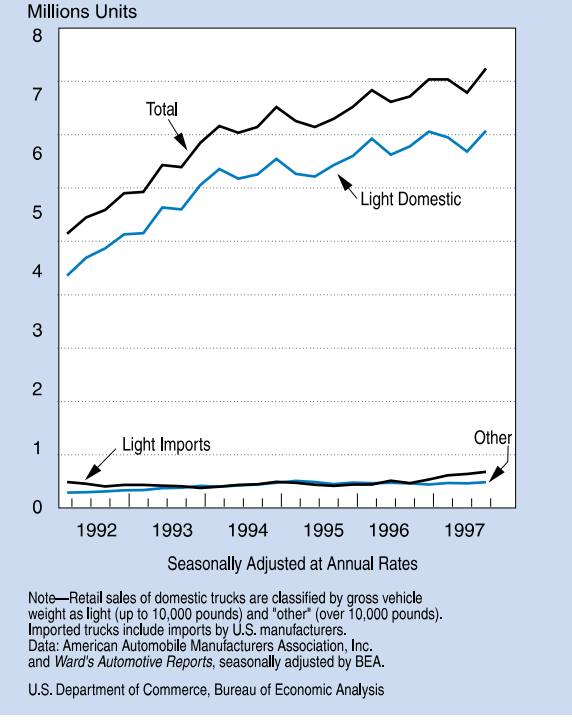
Sales of new trucks increased 4.6 percent to a record 7.1 million units in 1997 after increasing 4.7 percent in 1996. The 1997 increase was accounted for by increases in sales of light domestic trucks and of light imported trucks; sales of "other" trucks decrease slightly.[6] In 1997, the share of total sales of new motor vehicles that was accounted for by trucks increased for the sixth consecutive year, to a record 46.3 percent.

Sales of light trucks increased 5.0 percent in 1997 after increasing 5.3 percent in 1996. The 1997 increase was mostly accounted for by sales of sport-utility vehicles, but sales of compact pickups and vans also contributed. Sales of conventional pickups decreased.

Most light-truck purchases are for personal use; consequently, many of the same factors that affect car sales also affect truck sales. Nevertheless, cars sales decreased and truck sales increased in 1997, as truck purchases continue to be substituted for car purchases. This shift partly reflected the proliferation of redesigned, multipurpose trucks that have blurred the distinction between cars and trucks in terms of function and comfort. Moreover, many consumers prefer the additional recreation and utility features, such as load-carrying and towing capacity and four-wheel drive capability, that many light trucks offer. In recent years, the composition of truck sales has shifted toward "upscale" models that offer more power, luxury, and options than the basic models.

Sales of light domestic trucks increased 3.1 percent to 6.2 million units in 1997 after increasing 5.5 percent to 6.0 million units in 1996. Sales of domestic-nameplate trucks increased 2.7 percent to 5.7 million units, and their share of total light-truck sales decreased to 84.6 percent. Sales of transplant trucks changed little at 0.5 million units, and their market share decreased to 7.2 percent.

CHART 6



6. Light trucks are those with a gross vehicle weight of up to 10,000 pounds; these trucks include light conventional pickups, compact pickups, sport-utility vehicles, and passenger vans. "Other" trucks are those with a gross vehicle weight of over 10,000 pounds; these trucks range from medium-duty general delivery trucks to heavy-duty diesel tractor-trailers.

Sales of light imported trucks increased 33.7 percent to 0.6 million units, and their market share increased to 8.2 percent. Sales of imported sport-utility vehicles increased substantially; sales of imported pickups decreased. In recent years, sales of imported sport-utility vehicles may have been boosted by the introduction of several new and redesigned models into the U.S. market, particularly of models into the small-vehicle segment of the market.

Sales of "other" trucks remained unchanged at 0.4 million units. Nearly all of these trucks are purchased by businesses. The domestic models' share of total sales of "other" trucks was almost 95 percent.

By quarter, new-truck sales increased in the first quarter of the model year, changed little in the second quarter, decreased in the third quarter, and increased in the fourth quarter (chart 6).

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

- New Estimates for 1995
- Revised Estimates for 1947–94

By Thae S. Park

THIS ARTICLE presents a comparison of the Bureau of Economic Analysis (BEA) measure of personal income and the Internal Revenue Service (IRS) measure of adjusted gross income (AGI) of individuals by type of income. The article explains the major definitional and statistical differences between the BEA and the IRS measures, describes the various uses of the two measures and presents a partial reconciliation of the two measures that is prepared by converting BEA's measure of personal income by type of income to the same definitional basis as the IRS measure. It also discusses the sources of the "AGI gap"—the difference remaining between the BEA-drived AGI and the IRS AGI—the trends in the AGI gap for 1947–95, and the sources of the revision to the AGI gap.[1]

BEA's measure of personal income and the IRS measure of AGI are two widely used measures of household income. In general, personal income is the more comprehensive measure: It is a measure of incomes earned by households and nonprofit institutions serving individuals, and it includes wages and salaries, income from rent, self-employment, dividends and interest, and social security and other transfer payments. It covers all the major types of income, whether or not they are taxable, except gains or losses on the sale of assets; it also covers income without regard to whether it is properly reported to the Internal Revenue Service. In order to provide a comprehensive measure of personal saving, personal income also includes other types of income, such as employer contributions to employee pension plans, the investment income of these plans, and imputed income related to home ownership and imputed financial service charges.

AGI, on the other hand, consists only of taxable sources of income as reported on Federal tax forms; therefore, it excludes many of the types of income that are included in the BEA measure. AGI is a measure of the individual income tax base and is linked directly to tax payments, whereas personal income is a measure of current incomes earned by household and nonprofit institutions and is used in assessing trends in consumer spending, saving, and investment. Although the two series measure different concepts and serve different purposes, they are often used in conjunction with one another. In particular, personal income, which is available much earlier than AGI, is frequently used as an extrapolator for AGI. In addition, the AGI gap is used as a rough indicator of noncompliance by individuals with the Federal tax code.

The new and revised estimates in this article reflect the incorporation of the following information: For 1947–92, the results of the completion of the comprehensive revision of the NIPA's that were released in May 1997; beginning with 1993, the results of the annual revision to the NIPA's that were released in July 1997; and information from the *Statistics of Income Bulletin*.[2]

The BEA-Derived AGI

The estimation of the BEA-derived AGI begins with NIPA personal income, which is the sum of wage and salary disbursements, other labor income, proprietors' income with inventory

1. Estimates of BEA personal income are published monthly in the SURVEY OF CURRENT BUSINESS in table 2.1 of the national income and product accounts (NIPA's); estimates of IRS AGI are published annually in *Statistics of Income—Individual Income Tax Returns*. The estimates of the relationship between total personal income and total AGI are presented annually in NIPA table 8.26, most recently for 1992–96 in the September 1997 SURVEY. The estimates in table 8.26 beginning with 1947 are available through STAT-USA's Economic Bulletin Board and Internet services and will be available in *National Income and Product Accounts of the United States for 1929–94*, which will be published later this year. The reconciliation by type of income for 1947–91 is also available on request. For information, write to the Government Division (BE–57), Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230.

2. Internal Revenue Service, *Statistics of Income Bulletin* (Washington, DC: U.S. Government Printing Office, Fall 1997).

valuation and capital consumption adjustments, rental income of persons with capital consumption adjustment, personal dividend income, personal interest income, and transfer payments to persons, less personal contributions for social insurance. Personal income includes the incomes of individuals, nonprofit institutions that primarily serve individuals, private noninsured welfare funds, and private trust funds. Proprietors' income is treated in its entirety as received by individuals. The income (and saving) of life insurance carriers and private noninsured pension plans is credited to persons.

The IRS measure of AGI is computed by adding all the items of "gross income" and subtracting a set of specific adjustments to gross income that are authorized by legislation. Gross income includes all income received in the form of money, property, and services that is not expressly exempt from taxation; it excludes, for example, interest on tax-exempt State or local government bonds, voluntary contributions to thrift savings plans, and nontaxable social security benefits. The adjustments to gross income include subtractions for contributions to individual retirement accounts, alimony paid, moving expenses, and several items related to self-employment income.

NIPA personal income is converted to AGI by first deducting those items that are included in personal income but not in AGI. These items include nontaxable transfer payments, other labor income, imputations, and other sources of

Table 1.—Comparison of Personal Income with AGI, by Type of Income, 1992

[Billions of dollars]

Line		Personal income	Wage and salary disbursements	Proprietors' income with IVA and CCAdj		Rental income of persons with CCAdj	Personal dividend income	Personal interest income	Taxable pensions and annuities [1]	Taxable unemployment compensation	Taxable social security benefits [2]	Other personal income [3]	Income not included in personal income
				Farm	Nonfarm								
1	**Personal income**	**5,277.2**	**2,986.4**	**37.1**	**386.7**	**79.4**	**159.4**	**667.2**	**98.2**	**39.7**	**27.6**	**795.7**	**0**
2	***Less*: Portion of personal income not included in adjusted gross income**	**1,732.4**	**63.2**	**3.4**	**29.9**	**48.2**	**66.7**	**446.0**	**0**	**0**	**0**	**1,039.6**	**35.5**
3	Transfer payments except taxable military retirement, taxable government pensions, taxable social security benefits, and unemployment compensation benefits	692.8	0	0	0	0	0	0	0	0	0	692.8	0
4	Other labor income except fees	346.5	0	0	0	0	0	0	0	0	0	346.5	0
5	Imputed income in personal income [4]	182.2	9.1	.5	4.8	24.9	0	142.9	0	0	0	0	0
6	Investment income of life insurance carriers and private noninsured pension plans [5]	200.2	0	0	0	0	0	200.2	0	0	0	0	0
7	Investment income received by nonprofit institutions or retained by fiduciaries	50.7	0	0	.3	6.0	14.5	29.6	0	0	0	.3	0
8	Differences in accounting treatment between NIPA's and tax regulations, net	83.7	0	2.9	24.7	17.3	10.6	28.2	0	0	0	0	0
9	Other personal income exempt or excluded from adjusted gross income	176.2	54.0	0	0	0	41.5	45.1	0	0	0	0	[6] 35.5
10	***Plus*: Portion of adjusted gross income not included in personal income**	**571.9**	**6.2**	**0**	**1.3**	**2.4**	**0**	**0**	**147.4**	**0**	**0**	**248.4**	**166.2**
11	Personal contributions for social insurance	248.4	0	0	0	0	0	0	0	0	0	248.4	0
12	Net gain from sale of assets	109.1	0	0	0	0	0	0	0	0	0	0	109.1
13	Taxable private pensions [7]	147.4	0	0	0	0	0	0	147.4	0	0	0	0
14	Small business corporation income	47.9	0	0	0	0	0	0	0	0	0	0	47.9
15	Other types of income	19.2	6.2	0	1.3	2.4	0	0	0	0	0	0	9.3
16	***Plus*: Intercomponent reallocation**	**0**	**9.6**	**0**	**–.3**	**0**	**45.9**	**–52.5**	**–4.9**	**0**	**0**	**–4.5**	**6.5**
17	Fees in other labor income	0	4.8	0	0	0	0	0	0	0	0	–4.8	0
18	Fiduciaries' share of partnership income [8]	0	0	0	–.3	0	0	0	0	0	0	.3	0
19	Interest received by nonfarm proprietors	0	0	0	0	0	0	0	0	0	0	0	0
20	Interest distributed by regulated investment companies	0	0	0	0	0	52.5	–52.5	0	0	0	0	0
21	Taxable disability income payments	0	4.9	0	0	0	0	0	–4.9	0	0	0	0
22	Capital gains dividends	0	0	0	0	0	–6.5	0	0	0	0	0	6.5
23	***Equals*: BEA-derived adjusted gross income**	**4,116.7**	**2,939.0**	**33.7**	**357.8**	**33.6**	**138.7**	**168.7**	**240.7**	**39.7**	**27.6**	**0**	**137.3**
24	**Adjusted gross income of IRS (as reported)**	**3,629.1**	**2,805.7**	**–2.5**	**154.0**	**9.7**	**77.9**	**162.3**	**186.5**	**31.4**	**23.1**	**43.8**	**137.3**
25	***Plus*: Intercomponent reallocation**	**0**	**0**	**1.4**	**39.1**	**3.2**	**0**	**0**	**0**	**0**	**0**	**–43.8**	**0**
26	Estate or trust income	0	0	0	.7	3.2	0	0	0	0	0	–4.0	0
27	Partnership income	0	0	1.4	38.4	0	0	0	0	0	0	–39.8	0
28	Other reallocations	0	0	0	0	0	0	0	0	0	0	0	0
29	**Adjusted gross income of IRS (reallocated)**	**3,629.1**	**2,805.7**	**–1.1**	**193.1**	**12.9**	**77.9**	**162.3**	**186.5**	**31.4**	**23.1**	**0**	**137.3**
30	**Adjusted gross income gap**	**487.6**	**133.3**	**34.8**	**164.6**	**20.7**	**60.8**	**6.3**	**54.2**	**8.3**	**4.5**	**0**	**0**
31	Percent distribution of AGI gap	100.0	27.3	7.1	33.8	4.3	12.5	1.3	11.1	1.7	.9	.....	.....
32	Relative AGI gap [9]	11.8	4.5	103.4	46.0	61.7	43.8	3.8	22.5	20.9	16.2	.....	.....
33	**Addendum: Misreporting adjustments included in personal income**	**232.6**	**67.7**	.....	**171.9**	**.9**	.....	**–7.9**	.....	.....	.....	.....	.....

See the footnotes at the end of table 4.

income excluded from the IRS definition of AGI; they also include adjustments for differences between the accounting treatment used in the NIPA's and the treatment specified by Federal tax regulations. (Tables 1–4 show the reconciliation between personal income and AGI, by type of income for 1992–95; the deductions for items included in personal income, but not included in AGI, are shown in lines 3–9.) Next, those items that are included in AGI but not in personal income—such as capital gains and losses, contributions for social security, and other types of income—are added to personal income (lines 11–15). Finally, an adjustment is made to reallocate certain income components to make the BEA-derived AGI comparable with IRS AGI by type of income (lines 17–22 and 26–28).[3]

The AGI Gap

The estimates of the BEA-derived AGI differ significantly from the IRS estimates of AGI. The AGI gap for total income is the difference between the total BEA-derived AGI (line 23) and total IRS AGI (line 24). The AGI gap for each type of income (line 30) is the difference between the

3. For a detailed explanation of the reconciliation items, see Thae S. Park, "Relationship Between Personal Income and Adjusted Gross Income: New Estimates for 1993–94 and Revisions for 1959–92," SURVEY 76 (May 1996): 80–84.

Table 2.—Comparison of Personal Income with AGI, by Type of Income, 1993

[Billions of dollars]

Line		Personal income	Wage and salary disbursements	Proprietors' income with IVA and CCAdj: Farm	Proprietors' income with IVA and CCAdj: Nonfarm	Rental income of persons with CCAdj	Personal dividend income	Personal interest income	Taxable pensions and annuities [1]	Taxable unemployment compensation	Taxable social security benefits [2]	Other personal income [3]	Income not included in personal income
1	**Personal income**	**5,519.2**	**3,089.6**	**32.4**	**418.4**	**105.7**	**185.3**	**651.0**	**106.4**	**34.8**	**30.8**	**864.8**	**0**
2	***Less*: Portion of personal income not included in adjusted gross income**	**1,845.4**	**68.4**	**–6.3**	**22.7**	**69.1**	**76.9**	**457.6**	**0**	**0**	**0**	**1,120.5**	**36.6**
3	Transfer payments except taxable military retirement, taxable government pensions, taxable social security benefits, and unemployment compensation benefits	740.0	0	0	0	0	0	0	0	0	0	740.0	0
4	Other labor income except fees	380.1	0	0	0	0	0	0	0	0	0	380.1	0
5	Imputed income in personal income [4]	209.1	9.4	.6	5.2	49.6	0	144.2	0	0	0	0	0
6	Investment income of life insurance carriers and private noninsured pension plans [5]	214.6	0	0	0	0	0	214.6	0	0	0	0	0
7	Investment income received by nonprofit institutions or retained by fiduciaries	49.0	0	0	.3	4.0	14.8	29.5	0	0	0	.3	0
8	Differences in accounting treatment between NIPA's and tax regulations, net	62.5	0	–6.9	17.2	15.5	12.4	24.4	0	0	0	0	0
9	Other personal income exempt or excluded from adjusted gross income	190.1	58.9	0	0	0	49.7	44.9	0	0	0	0	[6] 36.6
10	***Plus*: Portion of adjusted gross income not included in personal income**	**603.6**	**7.2**	**0**	**1.5**	**2.6**	**0**	**0**	**147.6**	**0**	**0**	**260.3**	**184.4**
11	Personal contributions for social insurance	260.3	0	0	0	0	0	0	0	0	0	260.3	0
12	Net gain from sale of assets	125.0	0	0	0	0	0	0	0	0	0	0	125.0
13	Taxable private pensions [7]	147.6	0	0	0	0	0	0	147.6	0	0	0	0
14	Small business corporation income	51.9	0	0	0	0	0	0	0	0	0	0	51.9
15	Other types of income	18.8	7.2	0	1.5	2.6	0	0	0	0	0	0	7.5
16	***Plus*: Intercomponent reallocation**	**0**	**10.4**	**0**	**–.3**	**0**	**41.0**	**–56.3**	**–5.4**	**0**	**0**	**–4.6**	**15.3**
17	Fees in other labor income	0	5.0	0	0	0	0	0	0	0	0	–5.0	0
18	Fiduciaries' share of partnership income [8]	0	0	0	–.3	0	0	0	0	0	0	.3	0
19	Interest received by nonfarm proprietors	0	0	0	0	0	0	0	0	0	0	0	0
20	Interest distributed by regulated investment companies	0	0	0	0	0	56.3	–56.3	0	0	0	0	0
21	Taxable disability income payments	0	5.4	0	0	0	0	0	–5.4	0	0	0	0
22	Capital gains dividends	0	0	0	0	0	–15.3	0	0	0	0	0	15.3
23	***Equals*: BEA-derived adjusted gross income**	**4,277.5**	**3,038.8**	**38.7**	**396.9**	**39.3**	**149.4**	**137.1**	**248.7**	**34.8**	**30.8**	**0**	**163.1**
24	**Adjusted gross income of IRS (as reported)**	**3,723.3**	**2,892.1**	**–3.7**	**155.7**	**13.4**	**79.7**	**131.1**	**194.0**	**27.6**	**24.7**	**45.6**	**163.1**
25	***Plus*: Intercomponent reallocation**	**0**	**0**	**.9**	**41.2**	**3.5**	**0**	**0**	**0**	**0**	**0**	**–45.6**	**0**
26	Estate or trust income	0	0	0	1.0	3.5	0	0	0	0	0	–4.6	0
27	Partnership income	0	0	.9	40.2	0	0	0	0	0	0	–41.0	0
28	Other reallocations	0	0	0	0	0	0	0	0	0	0	0	0
29	**Adjusted gross income of IRS (reallocated)**	**3,723.3**	**2,892.1**	**–2.8**	**196.9**	**16.9**	**79.7**	**131.1**	**194.0**	**27.6**	**24.7**	**0**	**163.1**
30	**Adjusted gross income gap**	**554.1**	**146.6**	**41.5**	**200.0**	**22.3**	**69.7**	**5.9**	**54.6**	**7.3**	**6.1**	**0**	**0**
31	Percent distribution of AGI gap	100.0	26.5	7.5	36.1	4.0	12.6	1.1	9.9	1.3	1.1	.....	.....
32	Relative AGI gap [9]	13.0	4.8	107.2	50.4	56.9	46.6	4.3	22.0	20.8	19.9	.....	.....
33	**Addendum: Misreporting adjustments included in personal income**	**249.3**	**70.5**	.....	**185.0**	**1.0**	.....	**–7.9**	.....	.....	.....	.....	.....

See the footnotes at the end of table 4.

BEA-derived AGI for that type of income (line 23) and the reallocated IRS AGI for that type of income (line 29). The percent distribution of the AGI gap by type of income is shown in line 31, and the relative AGI gap for a type of income, which is the AGI gap for that type of income (line 30) as a percentage of the BEA-derived AGI for that type of income (line 23), is shown in line 32.

The AGI gap results from several sources. First, there are errors in the source data used to estimate those personal income components that are not based on IRS AGI data, primarily because of sampling and other statistical errors. (AGI data are used only for the estimates of nonfarm proprietors' income and royalty payments.) Second, there are errors in the reconciliation items because reliable data are unavailable to estimate some known items, such as income earned by individuals who are not required to file income tax returns; because some of the source data used to estimate known items contain errors; and because some of the differences between the definition of personal income and AGI are unknown. Third, there are errors in the IRS measure of total AGI and its components because the estimates are based on a probability sample. Fourth, the IRS estimates of AGI are based on unaudited tax returns that are not adjusted for misreporting (noncompliance).

The BEA-derived AGI includes both explicit and implicit adjustments. Explicit adjustments are made for the effects of tax return misreporting

Table 3.—Comparison of Personal Income with AGI, by Type of Income, 1994

[Billions of dollars]

Line		Personal income	Wage and salary disbursements	Proprietors' income with IVA and CCAdj		Rental income of persons with CCAdj	Personal dividend income	Personal interest income	Taxable pensions and annuities [1]	Taxable unemployment compensation	Taxable social security benefits [2]	Other personal income [3]	Income not included in personal income
				Farm	Nonfarm								
1	**Personal income**	**5,791.8**	**3,240.7**	**36.9**	**434.7**	**124.4**	**204.8**	**668.1**	**113.4**	**24.1**	**46.7**	**898.0**	**0**
2	***Less*: Portion of personal income not included in adjusted gross income**	**1,934.6**	**74.9**	**10.4**	**3.3**	**82.4**	**94.3**	**459.4**	**0**	**0**	**0**	**1,170.8**	**39.1**
3	Transfer payments except taxable military retirement, taxable government pensions, taxable social security benefits, and unemployment compensation benefits	770.5	0	0	0	0	0	0	0	0	0	770.5	0
4	Other labor income except fees	399.9	0	0	0	0	0	0	0	0	0	399.9	0
5	Imputed income in personal income [4]	230.2	9.8	.4	5.4	63.0	0	151.5	0	0	0	0	0
6	Investment income of life insurance carriers and private noninsured pension plans [5]	206.6	0	0	0	0	0	206.6	0	0	0	0	0
7	Investment income received by nonprofit institutions or retained by fiduciaries	49.5	0	0	.3	4.6	14.9	29.3	0	0	0	.4	0
8	Differences in accounting treatment between NIPA's and tax regulations, net	62.0	0	9.9	–2.4	14.8	12.8	26.8	0	0	0	0	0
9	Other personal income exempt or excluded from adjusted gross income	216.0	65.0	0	0	0	66.6	45.2	0	0	0	0	[6] 39.1
10	***Plus*: Portion of adjusted gross income not included in personal income**	**656.0**	**8.6**	**0**	**1.8**	**2.8**	**0**	**0**	**150.6**	**0**	**0**	**277.5**	**214.7**
11	Personal contributions for social insurance	277.5	0	0	0	0	0	0	0	0	0	277.5	0
12	Net gain from sale of assets	129.8	0	0	0	0	0	0	0	0	0	0	129.8
13	Taxable private pensions [7]	150.5	0	0	0	0	0	0	150.5	0	0	0	0
14	Small business corporation income	71.7	0	0	0	0	0	0	0	0	0	0	71.7
15	Other types of income	26.3	8.6	0	1.8	2.8	0	0	0	0	0	0	13.1
16	***Plus*: Intercomponent reallocation**	**0**	**11.2**	**0**	**–.4**	**0**	**65.3**	**–74.6**	**–6.1**	**0**	**0**	**–4.7**	**9.3**
17	Fees in other labor income	0	5.1	0	0	0	0	0	0	0	0	–5.1	0
18	Fiduciaries' share of partnership income [8]	0	0	0	–.4	0	0	0	0	0	0	.4	0
19	Interest received by nonfarm proprietors	0	0	0	0	0	0	0	0	0	0	0	0
20	Interest distributed by regulated investment companies	0	0	0	0	0	74.6	–74.6	0	0	0	0	0
21	Taxable disability income payments	0	6.1	0	0	0	0	0	–6.1	0	0	0	0
22	Capital gains dividends	0	0	0	0	0	–9.3	0	0	0	0	0	9.3
23	***Equals*: BEA-derived adjusted gross income**	**4,513.1**	**3,185.6**	**26.5**	**432.8**	**44.8**	**175.8**	**134.0**	**257.9**	**24.1**	**46.7**	**0**	**184.9**
24	**Adjusted gross income of IRS (as reported)**	**3,907.5**	**3,026.8**	**–7.4**	**166.2**	**16.0**	**82.4**	**126.2**	**205.4**	**20.3**	**38.6**	**48.1**	**184.9**
25	***Plus*: Intercomponent reallocation**	**0**	**0**	**.4**	**43.5**	**4.1**	**0**	**0**	**0**	**0**	**0**	**–48.1**	**0**
26	Estate or trust income	0	0	0	1.3	4.1	0	0	0	0	0	–5.5	0
27	Partnership income	0	0	.4	42.2	0	0	0	0	0	0	–42.6	0
28	Other reallocations	0	0	0	0	0	0	0	0	0	0	0	0
29	**Adjusted gross income of IRS (reallocated)**	**3,907.5**	**3,026.8**	**–6.9**	**209.7**	**20.1**	**82.4**	**126.2**	**205.4**	**20.3**	**38.6**	**0**	**184.9**
30	**Adjusted gross income gap**	**605.6**	**158.8**	**33.5**	**223.1**	**24.7**	**93.4**	**7.9**	**52.5**	**3.8**	**8.0**	**0**	**0**
31	Percent distribution of AGI gap	100.0	26.2	5.5	36.8	4.1	15.4	1.3	8.7	.6	1.3	.....	.....
32	Relative AGI gap [9]	13.4	5.0	126.1	51.5	55.1	53.1	5.9	20.3	15.8	17.2	.....	.....
33	**Addendum: Misreporting adjustments included in personal income**	**265.6**	**74.1**	.....	**199.1**	**1.0**	.....	**–8.6**	.....	.....	.....	.....	.....

See the footnotes at the end of table 4.

on the source data used to prepare the estimates of wage and salary disbursements, nonfarm proprietors' income, royalty income, and personal interest income (line 33).[4] Implicit adjustments are also embedded in the source data used for some components of personal income because the source data are from the payers of the income; several IRS audit studies provide information on the misreporting on individual income tax returns.[5]

The largest known missing reconciliation item is income that is excluded from AGI because it

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

For detailed information about the principal source data and estimating methods used to prepare personal income and its components, see "Updated Summary NIPA Methodologies," SURVEY 77 (September 1997): 12–33.

5. See Internal Revenue Service, *Income Tax Compliance Research: Gross Tax Gap Estimates and Projections for 1973–1992*, Publication 7285 (Washington, DC, March 1988), and *Income Tax Compliance Research: Individual Income Tax Gap Estimates for 1985, 1988, and 1992*, Publication 1415, Revised (Washington, DC, April 1996).

Table 4.—Comparison of Personal Income with AGI, by Type of Income, 1995

[Billions of dollars]

Line		Personal income	Wage and salary disbursements	Proprietors' income with IVA and CCAdj: Farm	Proprietors' income with IVA and CCAdj: Nonfarm	Rental income of persons with CCAdj	Personal dividend income	Personal interest income	Taxable pensions and annuities [1]	Taxable unemployment compensation	Taxable social security benefits [2]	Other personal income [3]	Income not included in personal income
1	**Personal income**	**6,150.8**	**3,429.5**	**23.4**	**465.5**	**132.8**	**251.9**	**718.9**	**123.7**	**21.9**	**54.5**	**928.6**	**0**
2	***Less*: Portion of personal income not included in adjusted gross income**	**2,031.4**	**81.0**	**–6.4**	**4.9**	**85.0**	**112.2**	**496.6**	**0**	**0**	**0**	**1,216.8**	**41.1**
3	Transfer payments except taxable military retirement, taxable government pensions, taxable social security benefits, and unemployment compensation benefits	814.8	0	0	0	0	0	0	0	0	0	814.8	0
4	Other labor income except fees	401.6	0	0	0	0	0	0	0	0	0	401.6	0
5	Imputed income in personal income [4]	240.2	10.3	.4	5.5	64.1	0	159.8	0	0	0	0	0
6	Investment income of life insurance carriers and private noninsured pension plans [5]	227.6	0	0	0	0	0	227.6	0	0	0	0	0
7	Investment income received by nonprofit institutions or retained by fiduciaries	54.0	0	0	.3	5.3	17.2	30.8	0	0	0	.4	0
8	Differences in accounting treatment between NIPA's and tax regulations, net	54.4	0	–6.7	–.9	15.6	13.6	32.8	0	0	0	0	0
9	Other personal income exempt or excluded from adjusted gross income	238.8	70.7	0	0	0	81.4	45.6	0	0	0	0	[6] 41.1
10	***Plus*: Portion of adjusted gross income not included in personal income**	**700.3**	**9.1**	**0**	**1.9**	**2.9**	**0**	**0**	**159.6**	**0**	**0**	**293.1**	**233.8**
11	Personal contributions for social insurance	293.1	0	0	0	0	0	0	0	0	0	293.1	0
12	Net gain from sale of assets	139.0	0	0	0	0	0	0	0	0	0	0	139.0
13	Taxable private pensions [7]	159.6	0	0	0	0	0	0	159.6	0	0	0	0
14	Small business corporation income	79.2	0	0	0	0	0	0	0	0	0	0	79.2
15	Other types of income	29.6	9.1	0	1.9	2.9	0	0	0	0	0	0	15.7
16	***Plus*: Intercomponent reallocation**	**0**	**11.7**	**0**	**–.4**	**0**	**51.5**	**–79.9**	**–6.5**	**0**	**0**	**–4.8**	**28.5**
17	Fees in other labor income	0	5.3	0	0	0	0	0	0	0	0	–5.3	0
18	Fiduciaries' share of partnership income [8]	0	0	0	–.4	0	0	0	0	0	0	.4	0
19	Interest received by nonfarm proprietors	0	0	0	0	0	0	0	0	0	0	0	0
20	Interest distributed by regulated investment companies	0	0	0	0	0	79.9	–79.9	0	0	0	0	0
21	Taxable disability income payments	0	6.5	0	0	0	0	0	–6.5	0	0	0	0
22	Capital gains dividends	0	0	0	0	0	–28.5	0	0	0	0	0	28.5
23	***Equals*: BEA-derived adjusted gross income**	**4,819.7**	**3,369.3**	**29.8**	**462.0**	**50.7**	**191.2**	**142.3**	**276.8**	**21.9**	**54.5**	**0**	**221.1**
24	**Adjusted gross income of IRS (as reported)**	**4,189.4**	**3,201.5**	**–7.9**	**169.3**	**17.2**	**94.6**	**154.8**	**221.1**	**19.3**	**45.7**	**52.7**	**221.1**
25	***Plus*: Intercomponent reallocation**	**0**	**0**	**.5**	**47.6**	**4.6**	**0**	**0**	**0**	**0**	**0**	**–52.7**	**0**
26	Estate or trust income	0	0	0	1.5	4.6	0	0	0	0	0	–6.1	0
27	Partnership income	0	0	.5	46.1	0	0	0	0	0	0	–46.6	0
28	Other reallocations	0	0	0	0	0	0	0	0	0	0	0	0
29	**Adjusted gross income of IRS (reallocated)**	**4,189.4**	**3,201.5**	**–7.4**	**216.9**	**21.8**	**94.6**	**154.8**	**221.1**	**19.3**	**45.7**	**0**	**221.1**
30	**Adjusted gross income gap**	**630.4**	**167.8**	**37.2**	**245.1**	**29.0**	**96.6**	**–12.5**	**55.8**	**2.6**	**8.8**	**0**	**0**
31	Percent distribution of AGI gap	100.0	26.6	5.9	38.9	4.6	15.3	–2.0	8.9	.4	1.4	.....	.....
32	Relative AGI gap [9]	13.1	5.0	124.7	53.1	57.1	50.5	–8.8	20.2	11.7	16.2	.....	.....
33	**Addendum: Misreporting adjustments included in personal income**	**283.7**	**79.3**	.....	**212.7**	**1.0**	.....	**–9.3**	.....	.....	.....	.....	.....

1. Consists of the taxable portion of government employee pension payments included in personal income—nondisability military retirement pay and the taxable portion of Federal Government and of State and local government employee pension payments.
2. Taxable social security benefits also include a small amount of taxable railroad retirement benefits.
3. Consists primarily of other labor income and the nontaxable portion of government and business transfer payments to persons, less personal contributions for social insurance.
4. Consists of the imputations included in personal income shown in NIPA table 8.19 (line 58), except for employer-paid health and life insurance premiums (line 115). In this table, these premiums are included in line 4.
5. Consists of imputed interest received by persons from life insurance carriers and private noninsured pension plans as shown in NIPA table 8.18 (line 51).
6. Statutory adjustments.
7. Consists of the taxable portion of private pension payments received by individuals.
8. Consists of partnership income retained by fiduciaries.
9. Adjusted gross income gap (line 30) as a percentage of the BEA-derived AGI (line 23).

AGI Adjusted gross income
BEA Bureau of Economic Analysis
CCAdj Capital consumption adjustment
IVA Inventory valuation adjustment
IRS Internal Revenue Service
NIPA National income and product accounts

is earned by low-income individuals who are not required to file income tax returns because of the size of income and characteristics such as age, marital status, or physical condition. (Some individuals who are not required to file tax returns do so, mostly to secure refunds.)

Overall, BEA believes that the explicit and implicit adjustments for misreporting account for a major part of the AGI gap. Thus, the AGI gap can be considered a rough indicator of noncompliance with the Federal tax code, and the relative AGI gap—the AGI gap as a percentage of the BEA-derived AGI—can be considered a rough indicator of the noncompliance rate in the reporting of income included in the IRS measure of AGI.[6]

The AGI Gap by Type of Income for 1947–95

Table 5 shows the estimates of the AGI gap for total income and the AGI gap for each type of income for 1947–95, and table 6 shows the relative AGI gap by type of income for 1947–95; over this period, the relative AGI gap for total income is roughly unchanged. It declined from about

6. The AGI gap does not include adjustments for the misreporting of types of income excluded from personal income, such as net gains from the sale of assets, income from small business corporations, and alimony.

Table 5.—The BEA and IRS Measures of AGI and the AGI Gap by Type of Income, 1947–95

[Billions of dollars]

Year	BEA-derived AGI	IRS AGI	AGI gap	Wage and salary disbursements	Proprietors' income		Rental income of persons	Personal dividend and personal interest income			Taxable pensions and annuities	Taxable unemployment compensation	Taxable social security benefits
					Farm	Nonfarm		Total	Personal dividend income	Personal interest income			
1947	171.0	149.7	21.3	3.9	10.5	1.2	2.1	3.3	1.3	2.0	.3	0	0
1948	184.3	163.5	20.8	5.2	8.5	1.3	2.2	3.4	1.3	2.1	.3	0	0
1949	182.1	160.6	21.6	6.1	7.8	2.1	1.6	3.7	1.3	2.4	.2	0	0
1950	203.3	179.1	24.1	5.4	7.9	3.8	1.9	4.8	1.9	2.9	.3	0	0
1951	230.0	202.3	27.7	6.6	8.8	4.8	2.2	4.9	1.7	3.2	.5	0	0
1952	242.4	215.3	27.1	6.0	7.6	5.6	2.3	5.1	1.8	3.2	.5	0	0
1953	257.0	228.7	28.3	6.5	6.2	7.0	2.3	5.7	2.0	3.7	.6	0	0
1954	258.2	229.2	29.0	6.7	6.7	7.0	3.0	5.0	.8	4.2	.7	0	0
1955	279.9	248.5	31.4	7.1	6.3	8.2	3.2	5.8	.9	4.8	.9	0	0
1956	300.9	267.7	33.1	9.0	6.3	7.3	3.3	6.1	.7	5.4	1.1	0	0
1957	314.3	280.3	34.0	7.4	5.6	9.3	3.7	6.8	.7	6.2	1.2	0	0
1958	317.4	281.2	36.2	9.2	5.1	9.2	4.0	7.4	.7	6.7	1.3	0	0
1959	341.9	305.1	36.8	7.8	7.2	9.7	2.3	8.1	.9	7.2	1.7	0	0
1960	354.1	315.5	38.6	8.9	6.4	10.1	2.3	9.0	1.3	7.6	1.9	0	0
1961	368.4	329.9	38.5	7.6	5.7	11.4	2.5	9.1	1.4	7.7	2.1	0	0
1962	390.3	348.7	41.6	9.3	6.2	11.8	2.4	9.7	1.5	8.2	2.2	0	0
1963	411.7	368.8	42.9	8.4	6.9	12.6	2.8	9.8	1.6	8.2	2.4	0	0
1964	445.0	396.7	48.4	10.3	6.3	14.1	3.0	11.9	2.4	9.5	2.8	0	0
1965	482.8	429.2	53.6	11.8	6.9	14.4	3.3	14.0	2.9	11.1	3.2	0	0
1966	524.6	468.5	56.1	13.6	7.2	15.9	3.3	12.6	1.0	11.6	3.5	0	0
1967	558.9	504.8	54.1	11.2	5.5	16.5	3.9	13.0	1.0	12.0	4.0	0	0
1968	612.2	554.4	57.8	13.7	5.3	16.9	3.2	14.4	1.4	13.0	4.3	0	0
1969	667.4	603.5	63.9	12.6	8.1	18.7	3.6	15.9	1.3	14.6	5.0	0	0
1970	703.7	631.7	72.0	13.3	9.8	20.4	4.0	18.4	1.7	16.7	6.1	0	0
1971	749.5	673.6	75.9	13.5	8.7	23.6	4.0	18.9	2.1	16.9	7.1	0	0
1972	829.9	746.0	83.9	11.1	11.8	28.7	4.2	19.9	2.7	17.2	8.2	0	0
1973	931.8	827.1	104.6	16.8	18.8	32.2	4.1	24.1	4.1	20.1	8.6	0	0
1974	1,009.3	905.5	103.8	9.1	18.6	38.1	3.2	25.4	2.9	22.4	9.5	0	0
1975	1,051.8	947.8	104.0	13.9	13.3	42.1	2.8	21.1	1.3	19.8	10.7	0	0
1976	1,172.4	1,053.9	118.5	13.6	11.8	53.5	2.4	25.3	4.0	21.3	11.9	0	0
1977	1,300.6	1,158.5	142.1	19.7	10.2	61.2	4.3	34.4	6.4	28.0	12.2	0	0
1978	1,473.1	1,302.4	170.7	25.0	14.1	73.4	4.6	38.8	7.6	31.2	14.9	0	0
1979	1,662.0	1,465.4	196.6	20.0	17.3	84.5	6.3	49.5	9.8	39.7	18.5	.4	0
1980	1,832.1	1,613.7	218.4	20.8	19.2	89.1	9.6	55.5	14.2	41.3	23.4	.8	0
1981	2,021.8	1,772.6	249.2	21.4	23.4	90.5	17.0	67.1	25.5	41.7	28.8	.9	0
1982	2,099.4	1,852.1	247.3	16.4	18.3	95.2	21.9	60.0	23.0	37.1	33.5	2.0	0
1983	2,234.8	1,942.6	292.2	24.6	27.7	109.7	24.2	64.1	26.3	37.8	39.2	2.6	0
1984	2,488.5	2,139.9	348.6	29.5	31.7	141.7	28.7	66.1	32.8	33.3	45.0	1.3	4.6
1985	2,651.7	2,306.0	345.8	44.5	28.4	147.5	29.4	45.5	26.6	18.9	46.0	1.4	3.2
1986	2,878.9	2,481.7	397.3	59.3	31.9	147.3	26.8	64.2	24.5	39.7	63.4	1.2	3.1
1987	3,156.5	2,773.8	382.7	80.6	36.1	121.5	22.5	64.0	34.8	29.1	52.6	2.6	2.8
1988	3,430.7	3,083.0	347.6	84.1	38.5	122.8	17.1	40.4	32.3	8.2	40.0	2.0	2.8
1989	3,666.4	3,256.4	410.0	112.6	35.2	127.2	14.3	63.0	55.0	7.9	52.2	2.5	3.0
1990	3,821.3	3,405.4	415.9	119.0	31.7	134.2	15.7	57.8	56.1	1.7	51.6	2.9	3.0
1991	3,873.8	3,464.5	409.2	106.2	32.4	138.9	18.8	58.6	65.4	–6.7	47.2	3.9	3.2
1992	4,116.7	3,629.1	487.6	133.3	34.8	164.6	20.7	67.1	60.8	6.3	54.2	8.3	4.5
1993	4,277.5	3,723.3	554.1	146.6	41.5	200.0	22.3	75.6	69.7	5.9	54.6	7.3	6.1
1994	4,513.1	3,907.5	605.6	158.8	33.5	223.1	24.7	101.3	93.4	7.9	52.5	3.8	8.0
1995	4,819.7	4,189.4	630.4	167.8	37.2	245.1	29.0	84.2	96.6	–12.5	55.8	2.6	8.8

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

13 percent in 1947 to about 9 percent in 1968, increased to about 14 percent in 1984, declined to about 10 percent in 1988, and increased again to about 13 percent in 1995.

The trend in the relative AGI gap for total income roughly reflects the trend in the relative AGI gap for wage and salary disbursements, largely because trends in the relative AGI gaps for nonwage incomes offset each other. The relative AGI gap for wage and salary disbursements is the smallest among the types of income, primarily because income tax withholding at the source is required for wage and salary disbursements. The relative AGI gap for wage and salary disbursements declined from about 3 percent in 1947 to about 1 percent in 1982 and then increased to about 5 percent in 1995.

For nonwage incomes subject to the requirements for filing information returns, the trend in the combined relative AGI gap is generally downward (the first addenda item in table 6). This trend is largely offset by a generally upward trend in the combined relative AGI gap for nonwage incomes not subject to the requirements for filing

Table 6.—The Relative AGI Gap by Type of Income, 1947–95

[Percent]

Year	Total	Wage and salary disbursements	Proprietors' income		Rental income of persons	Personal dividend and interest income			Taxable pensions and annuities	Taxable unemployment compensation	Taxable social security benefits	Addenda	
			Farm	Nonfarm		Total	Personal dividend income	Personal interest income				Incomes, except wages and salaries, subject to filing requirements [1]	Incomes not subject to filing requirements [2]
1947	12.5	3.3	74.0	5.6	44.7	37.9	23.2	64.1	56.1	0	0	38.9	34.3
1948	11.3	3.9	68.1	5.9	41.0	35.1	20.7	61.9	49.8	0	0	36.0	29.8
1949	11.8	4.7	69.8	10.1	31.2	35.0	19.4	61.0	35.1	0	0	35.0	30.8
1950	11.9	3.7	68.6	15.5	33.0	38.1	23.1	64.6	44.2	0	0	38.4	32.6
1951	12.0	3.9	68.9	18.1	35.8	38.5	21.8	65.1	47.4	0	0	39.1	34.7
1952	11.2	3.3	66.0	20.5	36.0	39.6	23.7	63.6	47.0	0	0	40.2	34.4
1953	11.0	3.3	60.9	24.5	35.1	42.1	25.7	64.4	48.5	0	0	42.6	34.2
1954	11.2	3.5	64.7	24.0	46.3	34.6	9.7	64.0	45.8	0	0	35.6	36.3
1955	11.2	3.4	62.3	25.4	48.9	35.6	10.7	65.2	50.2	0	0	37.0	36.2
1956	11.0	4.0	60.4	21.7	47.9	34.8	8.0	65.2	54.4	0	0	36.9	33.2
1957	10.8	3.1	59.2	26.2	51.3	35.4	6.7	65.0	51.3	0	0	37.1	35.7
1958	11.4	3.9	53.9	26.3	53.4	37.3	7.6	64.6	50.3	0	0	38.9	35.2
1959	10.8	3.1	69.2	25.7	39.7	37.0	9.0	62.0	53.3	0	0	39.1	35.6
1960	10.9	3.4	66.4	27.1	38.9	38.0	12.3	60.1	54.1	0	0	40.1	35.6
1961	10.5	2.8	59.1	29.0	41.6	37.0	12.4	57.6	53.5	0	0	39.3	35.7
1962	10.7	3.2	61.5	28.4	39.2	35.3	12.4	53.4	48.5	0	0	37.2	35.4
1963	10.4	2.7	67.8	29.4	43.3	32.1	12.4	47.0	47.4	0	0	34.3	37.5
1964	10.9	3.1	66.4	30.3	45.2	35.1	16.8	48.5	47.2	0	0	36.9	37.3
1965	11.1	3.3	63.4	29.2	48.1	36.5	18.1	49.6	47.0	0	0	38.1	36.7
1966	10.7	3.5	60.1	30.1	47.5	31.7	6.6	46.8	44.0	0	0	33.7	36.8
1967	9.7	2.6	58.5	29.8	51.6	30.9	6.3	44.7	44.2	0	0	33.2	35.8
1968	9.4	2.9	58.4	28.5	45.2	31.0	8.5	43.6	41.8	0	0	32.9	33.7
1969	9.6	2.5	65.7	30.5	48.7	30.9	7.5	42.6	42.1	0	0	33.1	37.5
1970	10.2	2.4	74.0	32.9	51.5	32.7	9.7	43.2	43.5	0	0	34.9	41.1
1971	10.1	2.3	76.4	35.3	50.1	31.9	11.7	40.6	43.2	0	0	34.4	42.1
1972	10.1	1.8	70.8	38.5	47.6	31.0	13.7	38.6	42.7	0	0	33.7	44.7
1973	11.2	2.4	68.3	39.7	41.5	32.2	17.9	38.4	39.5	0	0	33.8	46.5
1974	10.3	1.2	74.7	43.2	32.8	29.6	12.3	36.2	36.1	0	0	31.1	48.8
1975	9.9	1.7	73.8	45.5	30.9	24.4	5.6	31.4	33.9	0	0	27.0	48.6
1976	10.1	1.5	72.3	48.5	25.6	25.7	14.0	30.5	32.6	0	0	27.6	49.8
1977	10.9	2.0	90.0	49.1	39.5	29.7	19.2	33.9	29.5	0	0	29.6	51.5
1978	11.6	2.2	74.8	51.6	38.5	29.8	20.1	33.7	31.3	0	0	30.2	53.2
1979	11.8	1.6	85.5	54.7	48.4	31.5	22.6	35.0	33.1	30.7	0	31.9	57.6
1980	11.9	1.5	106.9	57.4	59.4	28.3	26.8	28.8	35.0	26.9	0	30.0	62.3
1981	12.3	1.4	148.4	62.6	75.0	27.4	35.5	24.0	35.7	27.3	0	29.4	71.5
1982	11.8	1.0	215.8	64.7	86.1	22.3	30.6	19.1	35.8	21.8	0	25.7	74.8
1983	13.1	1.5	150.9	64.5	97.7	24.1	35.1	19.7	36.0	27.1	0	27.5	75.8
1984	14.0	1.6	182.4	68.2	113.1	22.7	40.3	15.9	35.9	17.8	36.7	26.8	80.7
1985	13.0	2.3	180.3	66.4	121.5	16.1	32.6	9.4	32.6	17.6	25.0	21.6	78.4
1986	13.8	2.8	132.0	64.8	149.4	21.9	28.4	19.1	37.0	15.0	22.6	27.1	76.5
1987	12.1	3.6	101.8	51.9	122.3	21.3	34.3	14.7	29.7	17.2	18.1	24.0	62.6
1988	10.1	3.5	100.9	45.2	90.3	13.3	29.4	4.2	22.4	14.4	16.4	16.6	54.2
1989	11.2	4.4	96.7	44.3	78.2	17.3	40.4	3.5	26.2	17.2	14.5	20.2	51.7
1990	10.9	4.4	96.6	43.9	69.2	15.8	41.2	.7	24.5	16.0	13.2	18.7	50.3
1991	10.6	3.8	104.8	44.6	69.7	17.0	45.8	–3.3	21.1	14.3	13.1	18.2	51.4
1992	11.8	4.5	103.4	46.0	61.7	21.8	43.8	3.8	22.5	20.9	16.2	21.8	51.8
1993	13.0	4.8	107.2	50.4	56.9	26.4	46.6	4.3	22.0	20.8	19.9	23.9	55.6
1994	13.4	5.0	126.1	51.5	55.1	32.7	53.1	5.9	20.3	15.8	17.2	25.9	55.8
1995	13.1	5.0	124.7	53.1	57.1	25.2	50.5	–8.8	20.2	11.7	16.2	22.0	57.4

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

NOTE.—The relative AGI gap is the AGI gap as a percentage of the BEA-derived AGI and is shown in line 32 of tables 1–4.
AGI Adjusted gross income
BEA Bureau of Economic Analysis

information returns (the second addenda item). The combined relative AGI gap for nonwage incomes subject to the filing requirements declined from about 39 percent in 1947 to about 17 percent in 1988 and then increased to 22 percent in 1995. The combined relative AGI gap for nonwage incomes not subject to the filing requirements increased from about 34 percent in 1947 to about 81 percent in 1984, decreased to about 50 percent in 1990, and then increased to about 57 percent in 1995.

The requirements for filing information returns on personal dividend income, personal interest income, taxable pensions, taxable unemployment compensation, and taxable social security benefits have varied since 1984. Beginning in 1984, taxes have been withheld on taxable pensions unless the recipient elects not to have the tax withheld and on interest and dividends if the recipient fails to furnish a correct taxpayer identification number or has interest or dividends that were underreported on past returns. Information returns are not required for most proprietors' income and rental income of persons.[7]

Sources of the Revision to the AGI Gap

The AGI gap for 1947–58 was revised to incorporate the results of the comprehensive revision of the NIPA's and the improved estimates of some of the special items used to prepare the BEA-derived AGI. The only source of the revision to the AGI gap for 1959–92 was the incorporation of the revised estimates of personal income that reflected the improved estimates of depreciation (released in May 1997).

Table 7 shows the revisions to the AGI gap that resulted from the 1997 annual revision to the NIPA's and from the revisions to AGI.[8] The revisions to the AGI gap result from three sources: Revisions to personal income that carry through to the AGI gap, revisions to the reconciliation items that are unrelated to the revisions to personal income or to AGI, and revisions to AGI that carry through to the AGI gap.

For 1993, the AGI gap was revised down $14.3 billion. Personal income was revised up $23.6 billion. The reconciliation items that are offsets to the revisions to personal income components (lines 3–6, most of line 9, and line 11) were revised up $21.2 billion. Thus, the revisions to personal income that carried through to increase the AGI gap were $2.4 billion. The reconciliation items that are unrelated to the revisions to personal income or to AGI (lines 7–8, 13, and 14) were revised up $16.7 billion, which carried through to reduce the AGI gap.

For 1994, the AGI gap was revised up $19.0 billion. Personal income was revised up $29.7 billion. The reconciliation items that are offsets to the revisions to personal income components were revised up $23.2 billion. Thus, the revisions to personal income that carried through to increase the AGI gap were $6.5 billion. The reconciliation items that are unrelated to the revisions to personal income or to AGI were revised down $8.0 billion, which carried through to increase the AGI gap. AGI (line 29) was revised down $1.8 billion. The reconciliation items that are offsets to the revisions to AGI components (lines 12 and 15) were revised up $2.5 billion. Thus, the revisions to AGI that carried through to increase the AGI gap were $4.3 billion.

Table 7.—Sources of Revision to the AGI Gap for 1993–94

[Billions of dollars]

Line [1]		1993	1994
1	**Personal income**	**23.6**	**29.7**
2	***Less*: Portion of personal income not included in adjusted gross income**	**33.8**	**10.7**
3	Transfer payments except taxable military retirement, taxable government pensions, and taxable social security benefits	1.9	–2.1
4	Other labor income except fees	4.1	2.7
5	Imputed income in personal income	4.5	17.4
6	Investment income retained by life insurance carriers and private noninsured pension funds	9.1	–4.9
7	Investment income received by nonprofit institutions or retained by fiduciaries	.4	–.5
8	Differences in accounting treatment between NIPA's and tax regulations, net	11.4	–11.4
9	Other personal income exempt or excluded from adjusted gross income	2.3	9.5
10	***Plus*: Portion of adjusted gross income not included in personal income**	**–4.1**	**–1.9**
11	Personal contributions for social insurance	.7	–.6
12	Net gain from sale of assets	.2	14.6
13	Taxable private pensions	–6.0	–12.8
14	Small business corporation income	1.1	8.9
15	Other types of income	–.1	–12.1
23	***Equals*: BEA-derived adjusted gross income**	**–14.3**	**17.2**
29	**Adjusted gross income of IRS**	**0**	**–1.8**
30	**Adjusted gross income (AGI) gap**	**–14.3**	**19.0**
32	AGI gap as a percentage of BEA-derived AGI	–.3	.4

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

7. A small portion of nonfarm proprietors' income is subject to filing an information return. For example, a Form 1099-MISC is required to report payments of $600 or more made in the course of business and sales of $5,000 or more of consumer goods to buyers who sell these goods in homes or in places other than retail establishments.

8. For a detailed discussion of the revisions to personal income and its components for 1993–96, see Robert P. Parker and Eugene P. Seskin, "Annual Revision of the National Income and Product Accounts: Annual Estimates, 1993–96, and Quarterly Estimates, 1993:1-1997:1," SURVEY 77 (August 1997): 8–24.

Gross Product by Industry, 1947–96

By Sherlene K.S. Lum and Robert E. Yuskavage

THIS ARTICLE presents new estimates of gross product, or gross product originating (GPO), by industry for 1995–96 and revised estimates of current-dollar GPO for 1947–94 and of real (chained-dollar) GPO for 1977–94.[1] The new and revised estimates incorporate the final results of the comprehensive revision of the national income and product accounts (NIPA's) released in May 1997; the estimates for 1993–96 also incorporate the results of the annual NIPA revision released in July 1997 and newly available source data.[2] In addition, two new tables have been added to present the estimates of gross output and intermediate inputs.

For the first time since 1988, GPO estimates are available for the most recent complete year; this is the latest step in a continuous GPO improve-

1. For the previously published estimates of gross product by industry for 1959–94, see Robert E. Yuskavage, "Improved Estimates of Gross Product by Industry, 1959–94," SURVEY OF CURRENT BUSINESS 76 (August 1996): 133–155 . The previously published GPO estimates for 1947–58 appeared in Robert E. Yuskavage, "Gross Product by Industry, 1988–91," SURVEY 73 (November 1993): 33–44.

2. For more information, see Robert P. Parker, "Completion of the Comprehensive Revision of the National Income and Product Accounts, 1929–96," SURVEY 77 (May 1997): 6–9; and Robert P. Parker and Eugene P. Seskin, "Annual Revision of the National Income and Product Accounts," SURVEY 77 (August 1997): 6–35.

Gross Product Originating: Definition and Relationship to Gross Domestic Product

Gross product, or gross product originating (GPO), by industry is the contribution of each private industry and government to the Nation's output, or gross domestic product (GDP). An industry's GPO, often referred to as its "value added," is equal to its gross output (sales or receipts and other operating income, commodity taxes, and inventory change) minus its intermediate inputs (consumption of goods and services purchased from other industries or imported).

For the national income and product accounts (NIPA's), GDP is measured as the sum of expenditure components. Gross domestic income (GDI) is measured as the sum of costs incurred and incomes earned in the production of GDP. In concept, GDP and GDI should be the same; in practice, they differ because their components are estimated using largely independent and less-than-perfect source data. BEA views GDP as the more reliable measure of output because the source data underlying the estimates of expenditures are considered to be more accurate.[1] The difference between GDP and GDI is called the "statistical discrepancy"; it is recorded in the NIPA's as an "income" component that reconciles GDI with GDP.

Current-dollar GPO by industry is measured as the sum of distributions by industry of the components of GDI. Consequently, the sum of the current-dollar GPO estimates also differs from current-dollar GDP by the statistical discrepancy. In presenting the GPO estimates, the statistical discrepancy is included in the GPO of private industries because of BEA's view that most of the measurement problems with the components of GDI affect the GPO of private industries rather than the GPO of general government or government enterprises.

Real GDP in the NIPA's is also measured as the sum of the expenditure components. Real GPO estimates for most industries are derived using separate estimates of gross output and intermediate inputs.[2] The sum of the real GPO estimates differs from real GDP by the real statistical discrepancy, which is shown as part of private-industry GPO, and by the category entitled "not allocated by industry," which is the difference between real GDP and the sum of real GPO for the detailed industries and of the statistical discrepancy. The value of the category "not allocated by industry" reflects the lack of additivity of detailed real GPO estimates that results from the formula used to calculate real output and from differences in the source data (both current dollars and prices) used to estimate industry GPO and the expenditures measure of real GDP. As with the current-dollar measures, BEA views the source data used to estimate the components of real GDP to be more reliable. In addition, the amount of detailed expenditures data available to calculate real GDP is greater than that for the gross output and intermediate inputs available to calculate real GPO. For some industries, no source data are available to measure gross output, and the resulting real GPO estimates are prepared using less reliable methodologies.

1. For additional information on the accuracy of the two measures, see the box "Statistical Discrepancy" in Parker and Seskin, "Annual Revision," 19.

2. For information about the computation of the real GPO estimates, see the box "Computation of the Chain-Type Quantity Indexes for Double-Deflated Industries" in Yuskavage, "Improved Estimates," 142.

ment program. The improvements that were introduced into the GPO estimates last year included the improved chain-type measures of real GPO and a quality-adjusted BEA price index for selected semiconductor products.[3] Future improvement efforts will focus on integrating the GPO estimates with the benchmark input-output (I-O) accounts and with other BEA industry estimates.[4]

The first part of this article discusses the relative performance of industries for 1993–96 in terms of real growth rates, industry shares of current-dollar gross domestic product (GDP), and the composition of current-dollar GPO. The second part discusses the revisions to the estimates, and the third part describes methodology. The fourth part briefly describes the revisions to the historical estimates, and the fifth part discusses the estimates of gross output and intermediate inputs. Tables following the text present the new and revised estimates for 1993–96 for detailed industries, including the new tables for gross output and intermediate inputs, and new and revised estimates for 1947–96 for industry groups.

Industry Growth, Shares, and Composition

Comparisons of real gross product growth rates and of shares of GDP across industries show the relative performance of particular industries or industry groups. For example, comparisons can be made of the relative growth rates of real gross product among industries and of their contributions to the growth rate of the economy as a whole. A comparison of the share of current-dollar GDP accounted for by the gross product of an industry over time indicates whether that industry's claim on the economy's resources is increasing or decreasing. The composition of an industry's current-dollar GPO indicates whether the labor and capital shares for that industry are changing over time.

Real growth rates

Real GDP increased at an average annual rate of 2.6 percent in 1992–96; private industries increased 3.2 percent, and government showed minimal growth (table 1). The real gross product of all private industry groups except agriculture, forestry, and fishing increased; the increases ranged from 8.2 percent in durable goods manufacturing to 2.3 percent in finance, insurance, and real estate (FIRE).

By detailed industry, 19 industries recorded average annual increases in real gross product of 5 percent or more, and 3 industries in particular stand out: Electronic and other electric equipment (21.9 percent) and industrial machinery and equipment (14.4 percent) in durable goods manufacturing and security and commodity brokers (16.8 percent)in FIRE.[5] Real growth declined for 10 industries; the largest decreases were also in durable goods manufacturing: Instruments and related products, down 8.3 percent, and "other transportation equipment," down 5.8 percent. In-

3. For a description of these improvements, see Yuskavage, "Improved Estimates," 133–155.

4. The 1992 benchmark I-O accounts are presented in Ann M. Lawson, "Benchmark Input-Output Accounts for the U.S. Economy, 1992" in this issue. A comparison of the GPO estimates with those in the I-O accounts is presented in "Note on Alternative Measures of Gross Product by Industry" in this issue.

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5. Annual and average annual growth rates for detailed industries are computed from the chain-type quantity indexes that are shown in table 9. Chained (1992) dollar GPO estimates for detailed industries and industry groups are shown in table 10.

Table 1.—Percent Changes in Real Gross Domestic Product by Industry Group

[Percent change from preceding period]

	1993	1994	1995	1996	Average annual rate of change, 1992–96
Gross domestic product	**2.3**	**3.5**	**2.0**	**2.8**	**2.6**
Private industries	**2.7**	**4.5**	**2.7**	**2.9**	**3.2**
Agriculture, forestry, and fishing	–9.0	16.4	–6.5	.3	–.2
Mining	4.6	6.3	5.8	–6.0	2.5
Construction	2.0	6.6	1.7	4.0	3.6
Manufacturing	3.5	8.4	6.7	3.9	5.6
Durable goods	6.1	10.4	8.9	7.4	8.2
Nondurable goods	.4	6.0	4.1	–.4	2.5
Transportation and public utilities	4.4	5.8	1.7	2.5	3.6
Transportation	4.3	6.6	.8	2.2	3.4
Communications	6.6	3.0	.8	1.8	3.0
Electric, gas, and sanitary services	2.5	7.9	3.4	3.7	4.3
Wholesale trade	2.5	7.7	2.0	7.8	5.0
Retail trade	4.0	6.2	3.5	4.2	4.5
Finance, insurance, and real estate	2.3	1.9	2.9	2.2	2.3
Services	1.9	2.7	3.4	3.4	2.8
Government	**.3**	**.3**	**–.1**	**–.4**	**.0**

struments and related products has shown annual declines over the whole period.

In 1995, real GDP slowed to a 2.0-percent increase from a 3.5-percent increase in 1994. The growth in private industry GPO slowed to a 2.7-percent increase from a 4.5-percent increase. All the private industry groups except FIRE and services grew at a slower rate in 1995 than in 1994. In 1995, the fastest growing industry groups were durable goods manufacturing (8.9 percent), nondurable goods manufacturing (4.1 percent), and mining (5.8 percent). Agriculture, forestry, and fishing declined 6.5 percent.

In 1995, among the detailed industries, four of the five fastest growing industries were in manufacturing, and the other was in FIRE. Among durable goods industries, industrial machinery and equipment increased 25.1 percent, and electronic and other electric equipment increased 20.4 percent. Among nondurable goods industries, food and kindred products increased 13.5 percent, and petroleum and coal products increased 16.4 percent. Insurance carriers in FIRE grew 15.1 percent. Two industries had decreases of over 10 percent: Paper and allied products, down 13.0 percent, and farms, down 12.7 percent.

In 1996, real GDP growth accelerated to 2.8 percent from 2.0 percent. The acceleration was mainly accounted for by agriculture, forestry, and fishing; construction; transportation and public utilities; wholesale trade; and retail trade. All the industry groups except mining, nondurable goods manufacturing, and government increased. Wholesale trade grew the fastest (7.8 percent), followed by durable goods manufacturing (7.4 percent); agriculture, forestry, and fishing grew the slowest (0.3 percent). Although durable goods had the second fastest growth in 1996, it grew slower than in 1995. Although agriculture, forestry, and fishing increased only slightly in 1996, it had fallen sharply in 1995.

By detailed industry, two of the four fastest growing industries were in durable goods manufacturing: Electronic and other electric equipment increased 23.8 percent, and industrial machinery and equipment increased 13.1 percent. These two industries were also two of the four fastest growing industries in 1995. The two other fast-growing industries in 1996 were transportation by air (18.4 percent) and metal mining (14.8 percent). Two industries declined more than 10 percent: Oil and gas extraction, down 10.6 percent, and instruments and related products, down 10.1 percent.

Contributions to real GDP growth.—Growth rates alone do not indicate the extent to which in-

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

	1993	1994	1995	1996	Average, 1992–96 [1]
Percent change:					
Gross domestic product	**2.3**	**3.5**	**2.0**	**2.8**	**2.6**
Percentage points:					
Private industries	**2.3**	**3.8**	**2.4**	**2.5**	**2.8**
Agriculture, forestry, and fishing	–.2	.3	–.1	.0	.0
Mining	.1	.1	.1	–.1	.0
Construction	.1	.2	.1	.2	.1
Manufacturing	.6	1.4	1.2	.7	1.0
Durable goods	.6	1.0	.9	.7	.8
Nondurable goods	.0	.5	.3	.0	.2
Transportation and public utilities	.4	.5	.1	.2	.3
Transportation	.1	.2	.0	.1	.1
Communications	.2	.1	.0	.0	.1
Electric, gas, and sanitary services	.1	.2	.1	.1	.1
Wholesale trade	.2	.5	.1	.5	.3
Retail trade	.4	.5	.3	.4	.4
Finance, insurance, and real estate	.4	.4	.5	.4	.4
Services	.4	.5	.7	.7	.5
Statistical discrepancy [2]	.1	–.6	–.6	–.4	–.4
Government	**.0**	**.0**	**.0**	**–.1**	**.0**
Not allocated by industry [3]	**.0**	**–.4**	**–.4**	**.2**	**–.2**

1. Annual rate.
2. Equals GDP measured as the sum of expenditures less gross domestic income.
3. Equals GDP less the statistical discrepancy and the sum of GPO of the detailed industries.

NOTE.—For information on the calculation of the contributions to percent change, see footnote 5 in text.

Data Availability

This article presents the summary estimates of gross product by industry. These estimates and more detailed estimates for 1947–96 are available on the Internet on BEA's home page at <http://www.bea.doc.gov>. They are also available online to subscribers to STAT-USA's Economic Bulletin Board (EBB) (call 202–482–1986, or go to <http://www.stat-usa.gov>).

In addition, the following estimates will be available from BEA on diskettes:

- Gross Product by Industry: 1947–96, product number NDN–0174, price $20.00.
- Gross Output by Detailed Industry: 1977–96, product number NDN–0175, price $20.00.
- Manufacturing Industry Shipments: 1977–96, product number NDN–0176, price $20.00.
- Manufacturing Product Shipments: 1977–95, product number NDN–0177, price $20.00.

To order using Visa or MasterCard, call the BEA Order Desk at 1–800–704–0415 (outside the United States, call 202–606–9666). To order by mail, send a check payable to "Bureau of Economic Analysis, BE–53" to BEA Order Desk, Bureau of Economic Analysis, BE–53, U.S. Department of Commerce, Washington, DC 20230.

dustries contribute to the growth of real GDP; the contribution also depends on the industry's relative size. In 1992–96, durable goods manufacturing was the largest contributor, 0.8 percentage point, to the 2.6-percent growth in real GDP; services was the next largest, 0.5 percentage point (table 2).[6] For 1995, durable goods manufacturing contributed 0.9 percentage point to the growth in real GDP, and services contributed 0.7 percentage point. For 1996, durable goods manufacturing and services each contributed 0.7 percentage point.

Shares of current-dollar GDP by industry

Shares in current-dollars are a better indicator of an industry's relative size in the economy in any one period than shares in real dollars. Industry shares in real dollars, whether measured in chained dollars or in constant dollars, are dependent on the choice of the base period and therefore are not good indicators of relative size.

The share of current-dollar GDP that was accounted for by private goods-producing industries increased from 24.0 percent in 1992 to 24.6 percent in 1996, and the share accounted for by private services-producing industries increased from 61.3 percent to 63.1 percent (table 3).[7] The increase for private services-producing industries was mostly accounted for by "services" and by FIRE; the share of services rose 1.0 percentage point, and that of FIRE rose 0.6 percentage point. In the FIRE group, the shares of security and commodity brokers (0.4 percentage point) and insurance carriers (0.5 percentage point) increased the most.

The share of current-dollar GDP that was accounted for by government fell from 14.0 percent to 13.0 percent; the decline was concentrated in Federal general government (table 7).[8]

Composition of GPO

Current-dollar GPO is measured as the sum of costs incurred and incomes earned in production in each industry; it is equal to gross domestic income, whose components can be grouped into categories that approximate shares of labor and capital. Differences over time and among industry groups in shares of labor and capital can thus be observed using these approximations.

6. For a description of the calculation of these contributions, see "Note on Computing Alternative Chained Dollar Indexes and Contributions to Growth" in J. Steven Landefeld and Robert P. Parker, "BEA's Chain Indexes, Time Series, and Measures of Long-Term Economic Growth," SURVEY 77 (May 1997): 63.

7. Private-goods producing industries consist of agriculture, forestry, and fishing; mining; construction; and manufacturing. Private-services producing industries consist of transportation and public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

8. The statistical discrepancy as a share of current-dollar GDP fell from 0.7 percent to −0.8 percent.

Table 3.—Gross Product by Industry Group in Current Dollars and As a Percentage of Gross Domestic Product

	Billions of dollars					Percent				
	1992	1993	1994	1995	1996	1992	1993	1994	1995	1996
Gross domestic product	**6,244.4**	**6,558.1**	**6,947.0**	**7,265.4**	**7,636.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Private industries	**5,370.8**	**5,655.4**	**6,013.5**	**6,301.3**	**6,639.8**	**86.0**	**86.2**	**86.6**	**86.7**	**87.0**
Agriculture, forestry, and fishing	112.4	106.1	119.2	111.0	129.8	1.8	1.6	1.7	1.5	1.7
Mining	92.2	94.6	94.9	99.8	113.6	1.5	1.4	1.4	1.4	1.5
Construction	229.7	242.4	268.7	286.4	306.1	3.7	3.7	3.9	3.9	4.0
Manufacturing	1,063.6	1,116.5	1,216.1	1,286.3	1,332.1	17.0	17.0	17.5	17.7	17.4
Durable goods	573.4	615.7	679.2	716.8	749.0	9.2	9.4	9.8	9.9	9.8
Nondurable goods	490.3	500.8	536.9	569.5	583.1	7.9	7.6	7.7	7.8	7.6
Transportation and public utilities	528.7	561.7	598.7	622.4	645.3	8.5	8.6	8.6	8.6	8.5
Transportation	192.8	203.3	219.9	228.7	235.1	3.1	3.1	3.2	3.1	3.1
Communications	161.1	175.6	184.6	191.6	200.3	2.6	2.7	2.7	2.6	2.6
Electric, gas, and sanitary services	174.7	182.8	194.2	202.0	210.0	2.8	2.8	2.8	2.8	2.8
Wholesale trade	406.4	423.3	468.0	484.4	516.8	6.5	6.5	6.7	6.7	6.8
Retail trade	544.3	573.2	615.3	637.6	667.9	8.7	8.7	8.9	8.8	8.7
Finance, insurance, and real estate	1,147.9	1,218.1	1,267.6	1,361.3	1,448.5	18.4	18.6	18.2	18.7	19.0
Services	1,200.8	1,267.0	1,350.4	1,440.3	1,539.5	19.2	19.3	19.4	19.8	20.2
Statistical discrepancy [1]	44.8	52.6	14.6	–28.2	–59.9	.7	.8	.2	–.4	–.8
Government	**873.6**	**902.7**	**933.5**	**964.1**	**996.3**	**14.0**	**13.8**	**13.4**	**13.3**	**13.0**
Addenda:										
Private goods-producing industries [2]	1,497.9	1,559.6	1,698.9	1,783.5	1,881.6	24.0	23.8	24.5	24.5	24.6
Private services-producing industries [3]	3,828.1	4,043.2	4,300.0	4,546.0	4,818.0	61.3	61.7	61.9	62.6	63.1

1. Equals GDP measured as the sum of expenditures less gross domestic income.
2. Consists of agriculture, forestry, and fishing; mining; construction; and manufacturing.
3. Consists of transportation and public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

The labor share of production can be approximated using compensation of employees, which consists of wage and salary accruals, employer contributions for social insurance, and other labor income. The capital share of production (property-type income) can be approximated using the remaining components of GPO except indirect business tax and nontax liability, which is excluded because it can be viewed as a part of the pre-tax return to capital that accrues to government rather than to business.[9]

For the total economy, the share of GDP that was accounted for by compensation of employees decreased slightly, from 58.4 percent in 1992 to 58.0 percent in 1996, while the share of property-type income increased from 32.8 percent to 34.9 percent (table 4). The labor and capital shares of GPO, and the degree of change in these shares, varied among industry groups. The labor share of manufacturing GPO declined 5.0 percentage points over the period despite increases in full-time equivalent employment and compensation per full-time equivalent employee.[10]

The decline in labor's share of manufacturing GPO continued a trend that started in 1980. After reaching a postwar peak of 74.6 percent in 1980, labor's share of manufacturing GPO declined nearly 12 percentage points to 63.0 percent in 1996, the lowest share since 1950 (chart 1). By contrast, labor's share of GPO for all industries (including government) declined much less—from 60.0 percent in 1980 to 57.6 percent in 1996—and this decline is more than accounted for by the decline in manufacturing.[11] For nonmanufacturing industries (not shown on the chart), labor's share of GPO increased slightly, from 49.6 percent in 1980 to 50.9 percent in 1996.

The shifts in the labor and capital shares in mining and in agriculture, forestry, and fishing were also relatively large (table 8). In mining, the labor share decreased from 35.2 percent in 1992 to 29.7 percent in 1996, and the capital share increased correspondingly. In agriculture, forestry and fishing the labor share increased from 27.3

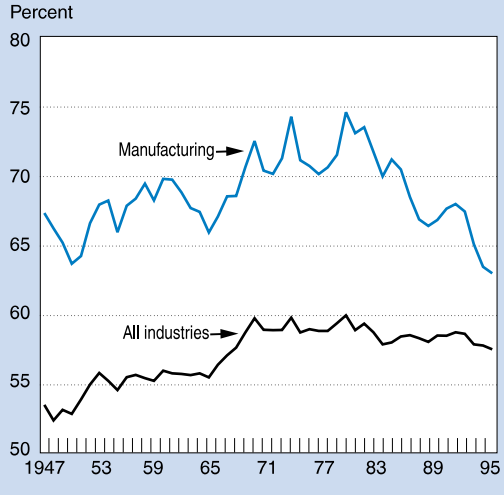
9. Property-type income is the sum of corporate profits, proprietors' income, rental income of persons, net interest, capital consumption allowances, business transfer payments, and the current surplus of government enterprises less subsidies. Proprietors' income is included in property-type income as a capital share of production; however, an unknown portion of proprietors' income represents the labor share of production.

10. For some analytical purposes, the labor and capital shares of gross output are more appropriate than the labor and capital shares of GPO. For most industries and for manufacturing in particular, the labor and capital shares of GPO are larger than the labor and capital shares of gross output, because gross output also includes intermediate inputs. For example, labor's share of manufacturing gross output was 22.7 percent in 1996, whereas labor's share of manufacturing GPO was 63.0 percent.

11. The labor share of GPO for all industries differs slightly from the labor share of GDP, because GDP includes the statistical discrepancy.

CHART 1

Labor Share of GPO



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

Table 4.—Components of Gross Product As a Percentage of Gross Domestic Product by Industry Group

[Percent]

	1992	1993	1994	1995	1996
Gross domestic product	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Compensation of employees	58.4	58.2	57.8	58.1	58.0
Indirect business tax and nontax liability	8.1	8.1	8.2	8.0	7.9
Property-type income	32.8	32.9	33.8	34.3	34.9
Statistical discrepancy [1]	.7	.8	.2	–.4	–.8
Private industries	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Compensation of employees	53.9	53.8	53.4	53.8	53.8
Indirect business tax and nontax liability	9.4	9.4	9.5	9.2	9.1
Property-type income	35.9	35.9	36.9	37.4	38.0
Statistical discrepancy [1]	.8	.9	.2	–.4	–.9
Manufacturing	100.0	100.0	100.0	100.0	100.0
Compensation of employees	68.0	67.5	65.1	63.5	63.0
Indirect business tax and nontax liability	4.2	4.1	3.9	3.8	3.8
Property-type income	27.8	28.4	31.0	32.7	33.2
Durable goods	100.0	100.0	100.0	100.0	100.0
Compensation of employees	76.6	74.6	71.7	70.5	69.7
Indirect business tax and nontax liability	2.6	2.5	2.4	2.5	2.4
Property-type income	20.8	22.9	25.9	27.0	27.9
Nondurable goods	100.0	100.0	100.0	100.0	100.0
Compensation of employees	58.0	58.7	56.8	54.7	54.5
Indirect business tax and nontax liability	6.0	6.1	5.8	5.5	5.5
Property-type income	36.0	35.2	37.4	39.8	40.0
Nonmanufacturing [2]	100.0	100.0	100.0	100.0	100.0
Compensation of employees	50.9	51.0	50.6	51.1	50.9
Indirect business tax and nontax liability	10.8	10.8	10.9	10.6	10.3
Property-type income	38.3	38.2	38.5	38.3	38.8
Government	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Compensation of employees	86.1	85.9	85.8	85.6	85.8
Indirect business tax and nontax liability	.0	.0	.0	.0	.0
Property-type income	13.9	14.1	14.2	14.4	14.2

1. Equals GDP measured as the sum of expenditures less gross domestic income.
2. Consists of agriculture, forestry, and fishing; mining; construction; transportation and public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

percent to 30.5 percent, and the capital share decreased correspondingly.

Revisions to the GPO Estimates

Table 5 presents revisions to current-dollar GPO and to real GPO growth rates by industry group for 1993 and 1994.

Current-dollar estimates

The revisions to current-dollar GPO largely reflect the effects of the annual and comprehensive NIPA revisions on the components of gross domestic income and, to a lesser extent, on the industry distributions of these components. Relatively large revisions to several of the income components mostly offset one another. Mining was revised up $5.6 billion for 1993, reflecting revisions to corporate profits before tax, and it was revised up $4.8 billion for 1994, reflecting revisions to corporate capital consumption allowances. A large upward revision of $12.9 billion to nondurable goods manufacturing for 1994 was primarily due to a revision to corporate profits before tax in the chemicals and allied products industry. In FIRE, a large downward revision of $20.4 billion to holding and other investment offices for 1994 was somewhat offset by an upward revision of $9.0 billion to security and commodity brokers.

Real growth rates

The revisions to real GPO growth rates primarily reflect the revisions to current-dollar GPO, but they also reflect the incorporation of new and revised source data for gross output and prices and the incorporation of revised data on the composition of gross output from the 1992 benchmark input-output (I-O) accounts. By industry, the revisions to real GPO growth rates for both 1993 and 1994 were generally small. However, the growth rate for mining GPO for 1993 was revised up 6.2 percentage points, and the growth rate for agriculture, forestry, and fishing GPO for 1994 was revised up 4.4 percentage points. The upward revision to mining was in oil and gas extraction and reflected a revision to corporate profits. The upward revision to the industry group agriculture, forestry, and fishing was in "agricultural services, forestry and fishing" and reflected new source data for gross output. In transportation and public utilities for 1994, a downward revision of 11.2 percent-

Table 5.—Revisions to Gross Domestic Product by Industry Group, 1993–94

	Current-dollar gross product						Real gross product					
	Billions of dollars						Percent change from previous period					
	1993			1994			1993			1994		
	Previously published	Revised	Revision	Previously published	Revised	Revision	Previously published	Revised	Revision	Previously published	Revised	Revision
Gross domestic product	**6,550.2**	**6,558.1**	**7.9**	**6,931.4**	**6,947.0**	**15.6**	**2.2**	**2.3**	**0.1**	**3.5**	**3.5**	**0.0**
Private industries	**5,650.0**	**5,655.4**	**5.4**	**6,000.0**	**6,013.5**	**13.5**	**2.6**	**2.7**	**.2**	**4.0**	**4.5**	**.5**
Agriculture, forestry, and fishing	105.3	106.1	.8	117.8	119.2	1.4	–8.1	–9.0	–.9	12.0	16.4	4.4
Mining	89.0	94.6	5.6	90.1	94.9	4.8	–1.6	4.6	6.2	6.6	6.3	–.3
Construction	243.6	242.4	–1.2	269.2	268.7	–.5	2.8	2.0	–.8	7.2	6.6	–.6
Manufacturing	1,116.5	1,116.5	.0	1,197.1	1,216.1	19.0	3.0	3.5	.5	6.6	8.4	1.8
Durable goods	612.3	615.7	3.4	673.1	679.2	6.1	4.8	6.1	1.2	9.4	10.4	.9
Nondurable goods	504.3	500.8	–3.5	524.0	536.9	12.9	.8	.4	–.3	3.3	6.0	2.7
Transportation and public utilities	566.2	561.7	–4.5	606.4	598.7	–7.7	5.1	4.4	–.7	5.3	5.8	.5
Transportation	207.6	203.3	–4.3	222.8	219.9	–2.9	6.4	4.3	–2.1	5.1	6.6	1.5
Communications	173.4	175.6	2.2	188.3	184.6	–3.7	5.7	6.6	1.0	7.1	3.0	–4.1
Electric, gas, and sanitary services	185.2	182.8	–2.4	195.3	194.2	–1.1	3.2	2.5	–.7	4.1	7.9	3.8
Wholesale trade	423.1	423.3	.2	461.9	468.0	6.1	3.0	2.5	–.5	7.5	7.7	.2
Retail trade	571.1	573.2	2.1	609.9	615.3	5.4	3.5	4.0	.6	5.7	6.2	.5
Finance, insurance, and real estate	1,214.0	1,218.1	4.1	1,273.7	1,267.6	–6.1	1.0	2.3	1.3	2.8	1.9	–.9
Services	1,266.1	1,267.0	.9	1,342.7	1,350.4	7.7	1.8	1.9	.1	2.3	2.7	.4
Statistical discrepancy [1]	55.1	52.6	–2.5	31.3	14.6	–16.7	.....	.....	.....	.....	.....	.....
Government	**900.2**	**902.7**	**2.5**	**931.3**	**933.5**	**2.2**	**.2**	**.3**	**.1**	**.1**	**.3**	**.2**

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

age points to radio and television broadcasting was largely offset by an upward revision of 3.8 percentage points to electric, gas, and sanitary services. The downward revision to radio and television broadcasting was due to an upward revision to intermediate inputs, while the upward revision to electric, gas, and sanitary services was due to a downward revision to intermediate inputs.

Methodology

This part of the article describes changes in source data and estimating methods that affect the GPO estimates for each year, and it discusses the GPO methodology that was required to prepare estimates for 1996 on a more timely basis.[12]

NIPA sources

The primary change in methodology that was incorporated from the NIPA annual revision was the use of new prices for deflation. The GPO estimates for real gross output and real intermediate inputs incorporate the revisions to BEA's quality-adjusted prices for semiconductors and computers and the introduction of a new quality-adjusted price index for telephone switching equipment. These changes raised real gross output and real GPO in the electronic and electric equipment industry for 1994–96. In addition, real gross output for health services was affected by the incorporation of the Bureau of Labor Statistics (BLS) producer price index for skilled and intermediate care facilities into the deflation of for-profit nursing home services.

GPO sources

The new and revised GPO estimates also reflect the use of revised composition of gross output from the 1992 benchmark I-O accounts, by the introduction of a revised concordance for matching price indexes with manufacturing products that affects both gross output and intermediate inputs, and by the use of new techniques for computing chain-type price indexes for selected manufacturing products.

In the previously published estimates, preliminary gross output estimates from the I-O accounts were used to set the level of gross output for the double-deflated industries.[13] Revised gross output levels are now used as weights in developing industry indicator series for extrapolating the previously published estimates of gross output. In general, these revisions did not significantly affect the levels of gross output.

For the computation of chain-type price indexes for selected manufacturing products, a new concordance jointly developed by BLS and BEA that matches BLS price indexes and Census Bureau product-class codes was introduced. In addition, improved aggregation techniques were introduced for developing composite price indexes from detailed BEA price indexes for computers and semiconductors at the product-class level.

As mentioned previously, new sources and methods were used to prepare the GPO estimates for 1996 when data from regular sources—primarily annual Census Bureau surveys of manufacturing, trade, and services—were not available. For manufacturing, annual totals of Census Bureau monthly industry shipments data were used to extrapolate 1995 annual survey of manufacturers (ASM) shipments data, because ASM data for 1996 were not yet available.[14]

Data from new sources or preliminary data were also used for some nonmanufacturing industries. In services, preliminary data from the Census Bureau's services annual survey (SAS) were used to extrapolate final 1995 SAS data. In transportation and public utilities, partial-year data or proxies for the regular series were used to extrapolate 1995 levels for a number of industries. In retail trade and wholesale trade, margin rates by detailed kind-of-business from the Census Bureau's annual retail trade survey and annual trade survey (wholesale) were held constant from 1995.

Historical GPO Revisions

The release of the current-dollar GPO estimates for 1947–96 (table 11) and chained (1992) dollar GPO estimates for 1977–96 (table 12) completes the comprehensive GPO revision. The chained-dollar GPO estimates have been revised to reflect the current-dollar GPO revisions. The revisions were generally small except for relatively large upward revisions to current-dollar GPO for general government for 1947–58. These revisions reflect

12. For a detailed description of the GPO methodology, see Yuskavage, "Improved Estimates," 143–149.

13. In the double-deflation method, separate estimates of gross output and of intermediate inputs enter into the calculation of real GPO.

14. ASM shipments data are available on a four-digit Standard Industrial Classification (SIC) basis, whereas monthly shipments data are generally available only on a three-digit SIC basis. Product-class shipments, which are used as weights to develop deflators at the four-digit industry level, also were not available for 1996, so the product composition of industry shipments was held constant from 1995.

the new NIPA treatment of government investment, which was incorporated in the revised GPO estimates for 1959–94 that were released in August 1996.

Gross Output and Intermediate Inputs by Industry

In addition to the estimates of GPO by industry, this article presents estimates of gross output and intermediate inputs by industry. Gross output measures each industry's total output, including the intermediate products used—raw materials, semifinished goods, energy, and services purchased from other industries or imported—and the value added generated in production. Gross output by industry is shown in table 13, and intermediate inputs by industry are shown in table 14; current-dollar estimates are presented in billions of dollars, and real estimates are shown as chain-type quantity indexes.[15]

Current-dollar gross output, which is roughly equivalent to an industry's sales or receipts, is often used by industry analysts as a measure of an industry's size relative to that of other industries. Current-dollar GPO, or value added, is the contribution to output by factors of production, as measured by compensation of employees, profits, and other property-type income. GPO is a measure of the industry's contribution to GDP because, like GDP, it is an unduplicated measure of total output. Thus, GPO is a better measure than gross output of the industry's contribution to the economy's output. For manufacturing, current-dollar GPO as a share of current-dollar gross output was nearly unchanged, increasing from 35.9 percent in 1992 to 36.0 percent in 1996 (table 6). Current-dollar intermediate inputs as a share of current-dollar gross output correspondingly declined slightly, from 64.1 percent in 1992 to 64.0 percent in 1996.

Quantity indexes for real gross output, real intermediate inputs, and real GPO are computed from detailed data on sales, purchases, and prices using the formula for the chain-type quantity index. Real measures adjust for the effects of price change that are included in current-dollar measures. In addition to their role in computing real GPO, estimates of real gross output and real intermediate inputs are used in studies of industry productivity. In 1992–96 real gross output for manufacturing grew 4.6 percent, real intermediate inputs grew 4.0 percent, and real GPO grew 5.6 percent.

Tables 6 through 14 follow.

15. Gross output and intermediate input estimates are prepared only for those industries for which the double-deflation method is used to estimate real GPO. For a list of these industries, see Yuskavage, "Improved Estimates," 145. For the other industries, source data are not adequate for preparing gross output estimates.

Table 6.—Gross Output, Intermediate Inputs, and Gross Product for Manufacturing

	Billions of current dollars					Chain-type quantity indexes (1992=100)					
	1992	1993	1994	1995	1996	1992	1993	1994	1995	1996	Average annual rate of change, 1992–96
Total:											
Gross output	2,961.2	3,096.6	3,313.3	3,550.0	3,699.8	100.00	103.52	109.40	114.57	119.69	4.6
Intermediate inputs	1,897.6	1,980.1	2,097.2	2,263.7	2,367.7	100.00	103.53	107.84	111.69	117.03	4.0
Gross product	1,063.6	1,116.5	1,216.1	1,286.3	1,332.1	100.00	103.50	112.18	119.75	124.45	5.6
Durable goods:											
Gross output	1,510.3	1,613.6	1,770.3	1,899.2	1,991.6	100.00	105.66	114.44	122.63	131.79	7.1
Intermediate inputs	937.0	997.9	1,091.1	1,182.4	1,242.5	100.00	105.38	112.84	119.69	128.67	6.5
Gross product	573.4	615.7	679.2	716.8	749.0	100.00	106.10	117.08	127.53	136.99	8.2
Nondurable goods:											
Gross output	1,450.9	1,483.0	1,543.0	1,650.8	1,708.3	100.00	101.30	104.14	106.21	107.36	1.8
Intermediate inputs	960.6	982.2	1,006.1	1,081.3	1,125.2	100.00	101.72	102.94	103.87	105.79	1.4
Gross product	490.3	500.8	536.9	569.5	583.1	100.00	100.46	106.47	110.79	110.36	2.5

Table 7.—Gross Domestic Product by Industry in Current Dollars and As a Percentage of Gross Domestic Product, 1992–96

Line		Billions of dollars					Percent				
		1992	1993	1994	1995	1996	1992	1993	1994	1995	1996
1	**Gross domestic product**	**6,244.4**	**6,558.1**	**6,947.0**	**7,265.4**	**7,636.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
2	**Private industries**	**5,370.8**	**5,655.4**	**6,013.5**	**6,301.3**	**6,639.8**	**86.0**	**86.2**	**86.6**	**86.7**	**87.0**
3	**Agriculture, forestry, and fishing**	**112.4**	**106.1**	**119.2**	**111.0**	**129.8**	**1.8**	**1.6**	**1.7**	**1.5**	**1.7**
4	Farms	80.5	73.0	83.5	73.5	89.4	1.3	1.1	1.2	1.0	1.2
5	Agricultural services, forestry, and fishing	31.9	33.1	35.7	37.5	40.5	.5	.5	.5	.5	.5
6	**Mining**	**92.2**	**94.6**	**94.9**	**99.8**	**113.6**	**1.5**	**1.4**	**1.4**	**1.4**	**1.5**
7	Metal mining	5.5	5.0	5.9	6.8	6.8	.1	.1	.1	.1	.1
8	Coal mining	13.6	12.4	13.1	12.3	12.3	.2	.2	.2	.2	.2
9	Oil and gas extraction	65.0	69.1	66.7	71.0	84.4	1.0	1.1	1.0	1.0	1.1
10	Nonmetallic minerals, except fuels	8.2	8.1	9.2	9.6	10.2	.1	.1	.1	.1	.1
11	**Construction**	**229.7**	**242.4**	**268.7**	**286.4**	**306.1**	**3.7**	**3.7**	**3.9**	**3.9**	**4.0**
12	**Manufacturing**	**1,063.6**	**1,116.5**	**1,216.1**	**1,286.3**	**1,332.1**	**17.0**	**17.0**	**17.5**	**17.7**	**17.4**
13	Durable goods	573.4	615.7	679.2	716.8	749.0	9.2	9.4	9.8	9.9	9.8
14	Lumber and wood products	32.0	34.6	38.4	40.7	41.4	.5	.5	.6	.6	.5
15	Furniture and fixtures	16.2	17.7	18.5	19.4	20.5	.3	.3	.3	.3	.3
16	Stone, clay, and glass products	25.1	25.1	28.8	30.7	32.7	.4	.4	.4	.4	.4
17	Primary metal industries	39.0	42.0	46.3	52.0	50.6	.6	.6	.7	.7	.7
18	Fabricated metal products	70.1	73.7	84.2	89.5	98.2	1.1	1.1	1.2	1.2	1.3
19	Industrial machinery and equipment	108.6	110.9	122.3	142.4	150.2	1.7	1.7	1.8	2.0	2.0
20	Electronic and other electric equipment	98.6	114.6	132.9	134.0	143.8	1.6	1.7	1.9	1.8	1.9
21	Motor vehicles and equipment	52.8	71.5	87.4	87.3	85.1	.8	1.1	1.3	1.2	1.1
22	Other transportation equipment	56.5	53.5	49.5	46.9	49.7	.9	.8	.7	.6	.7
23	Instruments and related products	54.2	50.9	48.7	49.7	52.3	.9	.8	.7	.7	.7
24	Miscellaneous manufacturing industries	20.1	21.1	22.2	24.3	24.6	.3	.3	.3	.3	.3
25	Nondurable goods	490.3	500.8	536.9	569.5	583.1	7.9	7.6	7.7	7.8	7.6
26	Food and kindred products	102.1	103.2	109.6	118.7	122.6	1.6	1.6	1.6	1.6	1.6
27	Tobacco products	18.4	15.2	16.3	17.6	18.1	.3	.2	.2	.2	.2
28	Textile mill products	25.4	25.5	25.4	23.6	25.5	.4	.4	.4	.3	.3
29	Apparel and other textile products	27.2	27.4	28.2	27.3	26.6	.4	.4	.4	.4	.3
30	Paper and allied products	45.8	47.7	51.3	59.9	57.1	.7	.7	.7	.8	.7
31	Printing and publishing	79.7	80.0	86.0	85.0	90.4	1.3	1.2	1.2	1.2	1.2
32	Chemicals and allied products	120.5	124.6	140.6	155.9	157.8	1.9	1.9	2.0	2.1	2.1
33	Petroleum and coal products	28.2	31.3	30.4	30.2	30.1	.5	.5	.4	.4	.4
34	Rubber and miscellaneous plastics products	38.1	41.3	44.4	46.1	49.7	.6	.6	.6	.6	.7
35	Leather and leather products	4.8	4.5	4.7	5.1	5.2	.1	.1	.1	.1	.1
36	**Transportation and public utilities**	**528.7**	**561.7**	**598.7**	**622.4**	**645.3**	**8.5**	**8.6**	**8.6**	**8.6**	**8.5**
37	Transportation	192.8	203.3	219.9	228.7	235.1	3.1	3.1	3.2	3.1	3.1
38	Railroad transportation	22.1	22.1	24.2	24.5	25.3	.4	.3	.3	.3	.3
39	Local and interurban passenger transit	10.9	11.2	11.4	12.4	13.6	.2	.2	.2	.2	.2
40	Trucking and warehousing	82.2	87.0	95.0	97.5	92.2	1.3	1.3	1.4	1.3	1.2
41	Water transportation	10.3	10.1	10.9	10.8	11.2	.2	.2	.2	.1	.1
42	Transportation by air	43.0	47.8	51.7	54.9	63.2	.7	.7	.7	.8	.8
43	Pipelines, except natural gas	4.9	4.8	4.6	5.7	5.5	.1	.1	.1	.1	.1
44	Transportation services	19.6	20.3	22.1	23.0	24.0	.3	.3	.3	.3	.3
45	Communications	161.1	175.6	184.6	191.6	200.3	2.6	2.7	2.7	2.6	2.6
46	Telephone and telegraph	129.7	134.6	142.1	144.1	149.6	2.1	2.1	2.0	2.0	2.0
47	Radio and television	31.5	41.0	42.5	47.5	50.6	.5	.6	.6	.7	.7
48	Electric, gas, and sanitary services	174.7	182.8	194.2	202.0	210.0	2.8	2.8	2.8	2.8	2.8
49	**Wholesale trade**	**406.4**	**423.3**	**468.0**	**484.4**	**516.8**	**6.5**	**6.5**	**6.7**	**6.7**	**6.8**
50	**Retail trade**	**544.3**	**573.2**	**615.3**	**637.6**	**667.9**	**8.7**	**8.7**	**8.9**	**8.8**	**8.7**
51	**Finance, insurance, and real estate**	**1,147.9**	**1,218.1**	**1,267.6**	**1,361.3**	**1,448.5**	**18.4**	**18.6**	**18.2**	**18.7**	**19.0**
52	Depository institutions	200.1	203.0	207.4	229.6	247.4	3.2	3.1	3.0	3.2	3.2
53	Nondepository institutions	28.3	37.6	36.1	39.0	49.9	.5	.6	.5	.5	.7
54	Security and commodity brokers	49.5	63.9	78.5	79.5	90.0	.8	1.0	1.1	1.1	1.2
55	Insurance carriers	83.4	106.6	108.8	126.5	136.6	1.3	1.6	1.6	1.7	1.8
56	Insurance agents, brokers, and service	39.5	41.5	45.0	47.1	50.4	.6	.6	.6	.6	.7
57	Real estate	734.9	759.0	802.9	842.7	886.2	11.8	11.6	11.6	11.6	11.6
58	Nonfarm housing services	553.5	568.7	607.3	642.8	673.3	8.9	8.7	8.7	8.8	8.8
59	Other real estate	181.4	190.2	195.6	199.9	212.9	2.9	2.9	2.8	2.8	2.8
60	Holding and other investment offices	12.3	6.7	–11.1	–3.2	–12.0	.2	.1	–.2	.0	–.2
61	**Services**	**1,200.8**	**1,267.0**	**1,350.4**	**1,440.3**	**1,539.5**	**19.2**	**19.3**	**19.4**	**19.8**	**20.2**
62	Hotels and other lodging places	51.0	53.8	57.4	60.6	63.7	.8	.8	.8	.8	.8
63	Personal services	41.0	44.3	45.8	46.6	49.1	.7	.7	.7	.6	.6
64	Business services	218.9	233.5	256.0	283.3	318.5	3.5	3.6	3.7	3.9	4.2
65	Auto repair, services, and parking	51.1	54.3	59.3	61.1	65.0	.8	.8	.9	.8	.9
66	Miscellaneous repair services	17.5	19.0	19.2	20.7	22.5	.3	.3	.3	.3	.3
67	Motion pictures	20.0	23.4	23.0	25.9	29.9	.3	.4	.3	.4	.4
68	Amusement and recreation services	47.9	47.8	51.4	56.2	60.8	.8	.7	.7	.8	.8
69	Health services	369.1	386.6	410.2	428.9	447.0	5.9	5.9	5.9	5.9	5.9
70	Legal services	90.1	91.6	93.8	96.5	100.0	1.4	1.4	1.4	1.3	1.3
71	Educational services	46.3	48.9	52.3	55.1	58.2	.7	.7	.8	.8	.8
72	Social services	36.9	39.8	43.2	46.7	49.3	.6	.6	.6	.6	.6
73	Membership organizations	38.9	42.2	45.1	47.0	48.9	.6	.6	.6	.6	.6
74	Other services	162.2	171.1	182.6	199.9	215.2	2.6	2.6	2.6	2.8	2.8
75	Private households	10.1	10.7	11.0	11.8	11.5	.2	.2	.2	.2	.2
76	**Statistical discrepancy** [1]	**44.8**	**52.6**	**14.6**	**–28.2**	**–59.9**	**.7**	**.8**	**.2**	**–.4**	**–.8**
77	**Government**	**873.6**	**902.7**	**933.5**	**964.1**	**996.3**	**14.0**	**13.8**	**13.4**	**13.3**	**13.0**
78	**Federal**	**321.4**	**323.4**	**324.9**	**326.2**	**331.5**	**5.1**	**4.9**	**4.7**	**4.5**	**4.3**
79	General government	274.4	276.9	275.2	275.5	281.4	4.4	4.2	4.0	3.8	3.7
80	Government enterprises	47.0	46.5	49.7	50.7	50.2	.8	.7	.7	.7	.7
81	**State and local**	**552.2**	**579.3**	**608.6**	**637.9**	**664.7**	**8.8**	**8.8**	**8.8**	**8.8**	**8.7**
82	General government	506.6	531.6	557.5	583.4	607.6	8.1	8.1	8.0	8.0	8.0
83	Government enterprises	45.6	47.6	51.1	54.5	57.1	.7	.7	.7	.8	.7

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

Table 8.—Components of Gross Product in Current Dollars and As a Percentage of Gross Domestic Product by Industry Group, 1992–96

Line		Billions of current dollars					Percent				
		1992	1993	1994	1995	1996	1992	1993	1994	1995	1996
1	**Gross domestic product**	**6,244.4**	**6,558.1**	**6,947.0**	**7,265.4**	**7,636.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
2	Compensation of employees	3,645.0	3,817.0	4,014.5	4,218.0	4,429.5	58.4	58.2	57.8	58.1	58.0
3	Indirect business tax and nontax liability	505.6	532.5	568.5	582.8	604.8	8.1	8.1	8.2	8.0	7.9
4	Property-type income	2,049.0	2,156.0	2,349.4	2,492.8	2,661.6	32.8	32.9	33.8	34.3	34.9
5	Statistical discrepancy [1]	44.8	52.6	14.6	–28.2	–59.9	.7	.8	.2	–.4	–.8
6	**Private industries**	**5,370.8**	**5,655.4**	**6,013.5**	**6,301.3**	**6,639.8**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
7	Compensation of employees	2,893.2	3,041.2	3,213.8	3,392.6	3,574.2	53.9	53.8	53.4	53.8	53.8
8	Indirect business tax and nontax liability	505.6	532.5	568.5	582.8	604.8	9.4	9.4	9.5	9.2	9.1
9	Property-type income	1,927.2	2,029.1	2,216.6	2,354.1	2,520.7	35.9	35.9	36.9	37.4	38.0
10	Statistical discrepancy [1]	44.8	52.6	14.6	–28.2	–59.9	.8	.9	.2	–.4	–.9
11	Agriculture, forestry, and fishing	112.4	106.1	119.2	111.0	129.8	100.0	100.0	100.0	100.0	100.0
12	Compensation of employees	30.7	32.9	34.8	37.0	39.6	27.3	31.0	29.2	33.3	30.5
13	Indirect business tax and nontax liability	6.0	5.9	6.5	6.9	7.0	5.3	5.6	5.5	6.2	5.4
14	Property-type income	75.7	67.3	77.9	67.1	83.2	67.4	63.4	65.3	60.5	64.1
15	Mining	92.2	94.6	94.9	99.8	113.6	100.0	100.0	100.0	100.0	100.0
16	Compensation of employees	32.5	32.3	32.7	32.9	33.7	35.2	34.1	34.5	33.0	29.7
17	Indirect business tax and nontax liability	10.7	10.6	10.4	9.9	11.4	11.6	11.2	11.0	9.9	10.0
18	Property-type income	49.0	51.7	51.8	57.0	68.5	53.2	54.7	54.5	57.1	60.3
19	Construction	229.7	242.4	268.7	286.4	306.1	100.0	100.0	100.0	100.0	100.0
20	Compensation of employees	158.7	165.2	182.0	193.7	209.3	69.1	68.2	67.7	67.6	68.4
21	Indirect business tax and nontax liability	5.0	5.3	5.7	6.0	6.3	2.2	2.2	2.1	2.1	2.1
22	Property-type income	66.0	71.9	81.0	86.7	90.5	28.7	29.6	30.2	30.3	29.5
23	Manufacturing	1,063.6	1,116.5	1,216.1	1,286.3	1,332.1	100.0	100.0	100.0	100.0	100.0
24	Compensation of employees	723.4	753.3	792.0	816.9	839.8	68.0	67.5	65.1	63.5	63.0
25	Indirect business tax and nontax liability	44.6	46.0	47.4	49.4	50.0	4.2	4.1	3.9	3.8	3.8
26	Property-type income	295.6	317.2	376.7	420.0	442.3	27.8	28.4	31.0	32.7	33.2
27	Durable goods	573.4	615.7	679.2	716.8	749.0	100.0	100.0	100.0	100.0	100.0
28	Compensation of employees	439.1	459.5	486.8	505.2	521.8	76.6	74.6	71.7	70.5	69.7
29	Indirect business tax and nontax liability	15.0	15.6	16.4	17.9	17.8	2.6	2.5	2.4	2.5	2.4
30	Property-type income	119.3	140.6	176.0	193.7	209.4	20.8	22.9	25.9	27.0	27.9
31	Nondurable goods	490.3	500.8	536.9	569.5	583.1	100.0	100.0	100.0	100.0	100.0
32	Compensation of employees	284.3	293.8	305.2	311.7	318.0	58.0	58.7	56.8	54.7	54.5
33	Indirect business tax and nontax liability	29.6	30.4	31.0	31.6	32.2	6.0	6.1	5.8	5.5	5.5
34	Property-type income	176.4	176.6	200.7	226.2	232.9	36.0	35.2	37.4	39.8	40.0
35	Transportation and public utilities	528.7	561.7	598.7	622.4	645.3	100.0	100.0	100.0	100.0	100.0
36	Compensation of employees	240.0	251.3	265.6	276.5	287.0	45.4	44.7	44.4	44.4	44.5
37	Indirect business tax and nontax liability	53.4	55.6	60.5	61.9	59.7	10.1	9.9	10.1	9.9	9.3
38	Property-type income	235.3	254.8	272.6	284.0	298.6	44.5	45.4	45.5	45.7	46.2
39	Wholesale trade	406.4	423.3	468.0	484.4	516.8	100.0	100.0	100.0	100.0	100.0
40	Compensation of employees	239.1	244.7	259.8	276.2	289.4	58.8	57.8	55.5	57.0	56.0
41	Indirect business tax and nontax liability	92.1	99.0	111.4	110.5	115.8	22.7	23.4	23.8	22.8	22.4
42	Property-type income	75.2	79.6	96.8	97.7	111.6	18.5	18.8	20.7	20.2	21.6
43	Retail trade	544.3	573.2	615.3	637.6	667.9	100.0	100.0	100.0	100.0	100.0
44	Compensation of employees	331.8	344.7	365.7	383.1	400.0	61.0	60.1	59.4	60.1	59.9
45	Indirect business tax and nontax liability	100.6	106.5	113.9	120.1	125.7	18.5	18.6	18.5	18.8	18.8
46	Property-type income	111.9	122.0	135.7	134.4	142.2	20.5	21.3	22.1	21.1	21.3
47	Finance, insurance, and real estate	1,147.9	1,218.1	1,267.6	1,361.3	1,448.5	100.0	100.0	100.0	100.0	100.0
48	Compensation of employees	277.2	300.5	310.2	324.9	350.2	24.1	24.7	24.5	23.9	24.2
49	Indirect business tax and nontax liability	163.6	171.0	177.6	181.0	189.5	14.3	14.0	14.0	13.3	13.1
50	Property-type income	707.1	746.6	779.8	855.4	908.8	61.6	61.3	61.5	62.8	62.7
51	Services	1,200.8	1,267.0	1,350.4	1,440.3	1,539.5	100.0	100.0	100.0	100.0	100.0
52	Compensation of employees	859.8	916.3	971.0	1,051.4	1,125.3	71.6	72.3	71.9	73.0	73.1
53	Indirect business tax and nontax liability	29.6	32.6	35.0	37.1	39.3	2.5	2.6	2.6	2.6	2.6
54	Property-type income	311.4	318.1	344.4	351.8	374.9	25.9	25.1	25.5	24.4	24.3
55	**Government**	**873.6**	**902.7**	**933.5**	**964.1**	**996.3**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
56	Compensation of employees	751.9	775.8	800.7	825.3	855.3	86.1	85.9	85.8	85.6	85.8
57	Indirect business tax and nontax liability	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	Property-type income	121.7	126.9	132.8	138.8	141.0	13.9	14.1	14.2	14.4	14.2

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

Table 9.—Quantity Indexes for Gross Domestic Product by Industry, 1987–96

[1992=100]

Line		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
1	**Gross domestic product**	**90.47**	**93.93**	**97.08**	**98.27**	**97.36**	**100.00**	**102.32**	**105.87**	**107.97**	**110.95**
2	**Private industries**	**89.09**	**93.30**	**96.84**	**97.68**	**96.79**	**100.00**	**102.73**	**107.31**	**110.25**	**113.47**
3	**Agriculture, forestry, and fishing**	**79.30**	**73.15**	**79.31**	**88.42**	**90.21**	**100.00**	**91.06**	**106.02**	**99.12**	**99.43**
4	Farms	81.04	72.24	81.80	87.90	88.91	100.00	88.13	105.49	92.13	93.75
5	Agricultural services, forestry, and fishing	74.64	75.56	72.97	89.57	93.50	100.00	98.97	109.55	115.93	118.06
6	**Mining**	**93.63**	**113.21**	**100.64**	**105.03**	**105.65**	**100.00**	**104.46**	**111.16**	**117.46**	**110.51**
7	Metal mining	49.06	59.04	60.77	66.90	92.61	100.00	102.06	103.53	100.52	115.42
8	Coal mining	73.33	80.50	83.59	88.49	89.93	100.00	102.07	114.13	116.09	122.36
9	Oil and gas extraction	100.93	127.22	107.90	113.02	110.99	100.00	105.50	111.07	119.44	106.73
10	Nonmetallic minerals, except fuels	103.69	103.94	99.49	94.82	98.05	100.00	101.35	112.49	116.50	123.16
11	**Construction**	**104.33**	**108.33**	**109.69**	**107.77**	**99.73**	**100.00**	**102.03**	**108.76**	**110.66**	**115.06**
12	**Manufacturing**	**97.94**	**104.46**	**103.98**	**102.48**	**98.74**	**100.00**	**103.50**	**112.18**	**119.75**	**124.45**
13	Durable goods	98.54	107.43	106.90	104.72	99.06	100.00	106.10	117.08	127.53	136.99
14	Lumber and wood products	125.09	124.71	120.99	115.48	106.59	100.00	89.15	93.13	98.70	104.79
15	Furniture and fixtures	104.34	104.01	104.27	97.75	92.22	100.00	110.23	111.25	115.15	116.02
16	Stone, clay, and glass products	93.73	97.93	102.26	101.74	91.39	100.00	97.60	107.59	110.48	116.05
17	Primary metal industries	98.91	105.40	101.02	99.96	99.07	100.00	110.70	115.42	113.74	120.02
18	Fabricated metal products	103.15	110.11	107.36	103.59	97.37	100.00	104.75	120.69	128.04	134.21
19	Industrial machinery and equipment	83.65	97.50	103.19	104.18	95.32	100.00	105.91	121.08	151.44	171.27
20	Electronic and other electric equipment	79.25	86.44	94.03	93.79	97.29	100.00	120.00	147.85	178.07	220.51
21	Motor vehicles and equipment	132.34	140.48	121.52	107.55	88.53	100.00	126.17	147.61	150.00	143.93
22	Other transportation equipment	131.60	135.49	128.18	122.15	113.13	100.00	92.51	84.19	77.40	78.68
23	Instruments and related products	90.74	110.37	104.11	108.13	107.00	100.00	89.74	83.19	78.56	70.65
24	Miscellaneous manufacturing industries	92.99	106.05	110.07	109.95	104.56	100.00	101.83	106.84	113.21	115.71
25	Nondurable goods	97.49	100.92	100.52	99.83	98.37	100.00	100.46	106.47	110.79	110.36
26	Food and kindred products	94.05	102.63	100.53	101.03	100.11	100.00	101.62	104.24	118.31	110.48
27	Tobacco products	173.19	167.33	147.98	135.32	117.22	100.00	87.88	121.46	132.21	130.30
28	Textile mill products	85.69	84.40	86.01	88.75	90.70	100.00	102.13	107.52	100.01	104.62
29	Apparel and other textile products	93.12	97.71	100.02	97.41	97.01	100.00	100.14	104.23	104.82	99.05
30	Paper and allied products	93.82	98.34	95.49	96.33	97.37	100.00	109.44	113.75	99.01	103.30
31	Printing and publishing	105.51	108.91	110.22	105.96	101.35	100.00	94.39	97.80	97.20	93.18
32	Chemicals and allied products	91.65	91.68	92.48	97.35	96.15	100.00	100.12	108.93	115.32	118.04
33	Petroleum and coal products	128.47	131.54	118.32	100.74	100.20	100.00	98.56	97.87	113.93	119.63
34	Rubber and miscellaneous plastics products	76.86	81.23	90.62	90.40	92.76	100.00	108.33	119.18	126.57	133.62
35	Leather and leather products	97.99	98.68	102.61	99.92	94.88	100.00	93.61	93.48	98.29	100.91
36	**Transportation and public utilities**	**85.86**	**88.56**	**89.76**	**93.00**	**96.99**	**100.00**	**104.40**	**110.50**	**112.33**	**115.18**
37	Transportation	90.91	90.16	90.14	91.67	96.23	100.00	104.29	111.17	112.05	114.52
38	Railroad transportation	85.09	90.21	81.55	84.68	98.39	100.00	104.35	117.35	125.70	140.31
39	Local and interurban passenger transit	102.81	95.25	98.83	94.61	96.33	100.00	100.68	101.45	110.13	112.27
40	Trucking and warehousing	93.81	92.42	91.97	89.72	95.59	100.00	104.88	108.02	106.41	97.75
41	Water transportation	103.00	100.60	102.39	103.59	108.38	100.00	102.39	104.79	106.58	104.19
42	Transportation by air	81.14	78.75	80.59	91.96	91.59	100.00	102.88	119.67	115.93	137.22
43	Pipelines, except natural gas	122.63	110.44	111.66	97.99	106.45	100.00	107.05	98.51	109.77	102.86
44	Transportation services	87.29	92.66	98.87	98.30	98.02	100.00	107.35	110.74	118.36	122.60
45	Communications	82.51	87.21	87.18	92.59	97.15	100.00	106.65	109.78	110.74	112.69
46	Telephone and telegraph	84.86	88.66	87.46	92.97	96.44	100.00	103.01	106.36	105.21	108.87
47	Radio and television	71.21	80.44	86.00	90.90	100.10	100.00	121.20	123.45	132.53	128.27
48	Electric, gas, and sanitary services	85.40	90.17	94.58	96.39	98.62	100.00	102.45	110.49	114.25	118.45
49	**Wholesale trade**	**79.42**	**84.58**	**90.14**	**88.71**	**93.79**	**100.00**	**102.48**	**110.37**	**112.57**	**121.39**
50	**Retail trade**	**93.55**	**98.77**	**101.67**	**100.38**	**98.13**	**100.00**	**104.02**	**110.44**	**114.36**	**119.15**
51	**Finance, insurance, and real estate**	**88.48**	**93.16**	**95.98**	**96.61**	**96.32**	**100.00**	**102.30**	**104.27**	**107.25**	**109.63**
52	Depository institutions	107.78	107.19	107.78	107.39	103.24	100.00	99.25	98.45	96.66	95.96
53	Nondepository institutions	89.14	89.14	88.40	90.37	93.33	100.00	113.83	119.75	115.06	124.94
54	Security and commodity brokers	80.06	78.61	87.67	83.29	76.72	100.00	132.00	167.57	165.41	186.17
55	Insurance carriers	67.54	80.08	85.54	84.22	91.11	100.00	109.75	109.50	126.08	132.10
56	Insurance agents, brokers, and service	96.99	101.12	98.55	103.51	98.82	100.00	100.61	105.46	106.76	110.61
57	Real estate	86.75	92.17	95.04	96.18	96.42	100.00	100.25	103.20	105.54	107.96
58	Nonfarm housing services	87.25	90.39	93.31	94.97	96.98	100.00	99.80	103.59	106.22	107.83
59	Other real estate	85.02	96.73	99.47	99.11	94.26	100.00	101.59	102.00	103.45	108.40
60	Holding and other investment offices	88.41	93.57	97.42	100.00	103.86	100.00	104.72	105.15	102.15	102.15
61	**Services**	**86.72**	**91.53**	**95.72**	**98.41**	**97.78**	**100.00**	**101.89**	**104.64**	**108.16**	**111.83**
62	Hotels and other lodging places	83.82	89.24	94.06	96.50	96.69	100.00	101.62	106.64	108.72	109.50
63	Personal services	96.67	107.25	104.30	101.77	98.07	100.00	104.02	103.90	103.57	105.64
64	Business services	82.07	87.38	93.78	98.90	96.11	100.00	106.99	112.89	123.95	135.08
65	Auto repair, services, and parking	97.82	103.67	101.83	105.67	101.82	100.00	100.03	104.33	104.23	108.14
66	Miscellaneous repair services	105.12	117.14	123.92	122.59	109.18	100.00	97.50	95.54	96.97	90.57
67	Motion pictures	94.55	96.40	116.02	110.59	104.06	100.00	116.08	109.29	119.56	131.06
68	Amusement and recreation services	72.55	76.55	82.94	89.43	90.31	100.00	96.12	99.12	103.69	107.67
69	Health services	91.45	92.40	94.04	96.70	98.34	100.00	98.96	100.17	100.69	102.04
70	Legal services	92.45	100.44	101.11	101.46	98.48	100.00	96.73	95.45	94.85	94.45
71	Educational services	90.19	92.58	94.45	95.74	99.60	100.00	102.75	105.84	107.18	109.55
72	Social services	71.86	76.57	82.92	88.20	94.05	100.00	106.05	112.92	118.48	121.78
73	Membership organizations	81.42	87.08	93.14	98.28	99.09	100.00	104.76	108.11	109.22	110.61
74	Other services	80.58	89.01	97.64	98.89	97.91	100.00	103.44	108.15	113.85	118.93
75	Private households	88.46	94.26	99.65	101.38	93.65	100.00	102.52	102.92	106.92	100.06
76	**Government**	**92.72**	**94.90**	**97.04**	**99.25**	**100.01**	**100.00**	**100.25**	**100.53**	**100.44**	**100.06**
77	**Federal**	**98.28**	**99.16**	**100.09**	**101.96**	**102.16**	**100.00**	**98.03**	**95.50**	**92.44**	**90.43**
78	General government	99.22	99.89	100.67	102.15	102.42	100.00	97.58	94.18	90.44	87.79
79	Government enterprises	92.63	94.79	96.67	100.88	100.65	100.00	100.80	103.40	104.30	105.70
80	**State and local**	**89.50**	**92.44**	**95.28**	**97.69**	**98.76**	**100.00**	**101.54**	**103.45**	**105.07**	**105.64**
81	General government	89.22	92.23	95.13	97.60	98.72	100.00	101.56	103.47	105.05	105.65
82	Government enterprises	92.63	94.71	96.95	98.58	99.25	100.00	101.30	103.20	105.30	105.60

Table 10.—Real Gross Domestic Product by Industry, 1992–96

[Billions of chained (1992) dollars]

Line		1992	1993	1994	1995	1996
1	**Gross domestic product**	**6,244.4**	**6,389.6**	**6,610.7**	**6,742.1**	**6,928.4**
2	**Private industries**	**5,370.8**	**5,517.4**	**5,763.6**	**5,921.4**	**6,094.1**
3	**Agriculture, forestry, and fishing**	**112.4**	**102.3**	**119.1**	**111.4**	**111.7**
4	Farms	80.5	70.9	84.9	74.2	75.5
5	Agricultural services, forestry, and fishing	31.9	31.6	34.9	37.0	37.6
6	**Mining**	**92.2**	**96.4**	**102.5**	**108.4**	**101.9**
7	Metal mining	5.5	5.6	5.7	5.5	6.3
8	Coal mining	13.6	13.8	15.5	15.7	16.6
9	Oil and gas extraction	65.0	68.6	72.2	77.7	69.4
10	Nonmetallic minerals, except fuels	8.2	8.3	9.2	9.5	10.1
11	**Construction**	**229.7**	**234.3**	**249.8**	**254.1**	**264.3**
12	**Manufacturing**	**1,063.6**	**1,100.8**	**1,193.2**	**1,273.7**	**1,323.7**
13	Durable goods	573.4	608.3	671.3	731.2	785.5
14	Lumber and wood products	32.0	28.5	29.8	31.6	33.6
15	Furniture and fixtures	16.2	17.9	18.0	18.7	18.8
16	Stone, clay, and glass products	25.1	24.5	27.0	27.7	29.1
17	Primary metal industries	39.0	43.2	45.0	44.4	46.8
18	Fabricated metal products	70.1	73.4	84.5	89.7	94.0
19	Industrial machinery and equipment	108.6	115.1	131.5	164.5	186.1
20	Electronic and other electric equipment	98.6	118.3	145.8	175.6	217.4
21	Motor vehicles and equipment	52.8	66.7	78.0	79.3	76.1
22	Other transportation equipment	56.5	52.3	47.6	43.8	44.5
23	Instruments and related products	54.2	48.7	45.1	42.6	38.3
24	Miscellaneous manufacturing industries	20.1	20.5	21.5	22.8	23.3
25	Nondurable goods	490.3	492.5	522.0	543.2	541.0
26	Food and kindred products	102.1	103.8	106.5	120.9	112.9
27	Tobacco products	18.4	16.1	22.3	24.3	23.9
28	Textile mill products	25.4	26.0	27.3	25.4	26.6
29	Apparel and other textile products	27.2	27.2	28.3	28.5	26.9
30	Paper and allied products	45.8	50.2	52.1	45.4	47.3
31	Printing and publishing	79.7	75.3	78.0	77.5	74.3
32	Chemicals and allied products	120.5	120.6	131.2	138.9	142.2
33	Petroleum and coal products	28.2	27.8	27.6	32.2	33.8
34	Rubber and miscellaneous plastics products	38.1	41.3	45.4	48.2	50.9
35	Leather and leather products	4.8	4.5	4.5	4.7	4.8
36	**Transportation and public utilities**	**528.7**	**551.9**	**584.1**	**593.8**	**608.9**
37	Transportation	192.8	201.1	214.3	216.0	220.8
38	Railroad transportation	22.1	23.0	25.9	27.7	31.0
39	Local and interurban passenger transit	10.9	11.0	11.0	12.0	12.2
40	Trucking and warehousing	82.2	86.2	88.7	87.4	80.3
41	Water transportation	10.3	10.5	10.8	11.0	10.7
42	Transportation by air	43.0	44.2	51.4	49.8	59.0
43	Pipelines, except natural gas	4.9	5.2	4.8	5.4	5.0
44	Transportation services	19.6	21.0	21.7	23.2	24.0
45	Communications	161.1	171.8	176.9	178.4	181.6
46	Telephone and telegraph	129.7	133.6	137.9	136.4	141.2
47	Radio and television	31.5	38.1	38.8	41.7	40.4
48	Electric, gas, and sanitary services	174.7	179.0	193.1	199.6	207.0
49	**Wholesale trade**	**406.4**	**416.5**	**448.6**	**457.5**	**493.3**
50	**Retail trade**	**544.3**	**566.2**	**601.2**	**622.5**	**648.5**
51	**Finance, insurance, and real estate**	**1,147.9**	**1,174.3**	**1,196.9**	**1,231.1**	**1,258.5**
52	Depository institutions	200.1	198.6	197.0	193.4	192.0
53	Nondepository institutions	28.3	32.3	33.9	32.6	35.4
54	Security and commodity brokers	49.5	65.3	83.0	81.9	92.2
55	Insurance carriers	83.4	91.5	91.3	105.1	110.1
56	Insurance agents, brokers, and service	39.5	39.7	41.6	42.1	43.6
57	Real estate	734.9	736.7	758.3	775.6	793.3
58	Nonfarm housing services	553.5	552.4	573.3	587.9	596.8
59	Other real estate	181.4	184.3	185.0	187.7	196.6
60	Holding and other investment offices	12.3	12.9	12.9	12.6	12.6
61	**Services**	**1,200.8**	**1,223.5**	**1,256.5**	**1,298.8**	**1,342.9**
62	Hotels and other lodging places	51.0	51.8	54.4	55.4	55.8
63	Personal services	41.0	42.6	42.6	42.4	43.3
64	Business services	218.9	234.2	247.1	271.3	295.7
65	Auto repair, services, and parking	51.1	51.1	53.3	53.3	55.3
66	Miscellaneous repair services	17.5	17.1	16.7	17.0	15.9
67	Motion pictures	20.0	23.2	21.8	23.9	26.2
68	Amusement and recreation services	47.9	46.0	47.5	49.7	51.6
69	Health services	369.1	365.2	369.7	371.6	376.6
70	Legal services	90.1	87.2	86.0	85.5	85.1
71	Educational services	46.3	47.5	48.9	49.6	50.7
72	Social services	36.9	39.1	41.6	43.7	44.9
73	Membership organizations	38.9	40.8	42.1	42.5	43.1
74	Other services	162.2	167.8	175.4	184.6	192.9
75	Private households	10.1	10.3	10.4	10.8	10.1
76	**Statistical discrepancy** [1]	**44.8**	**51.3**	**13.9**	**–26.3**	**–54.7**
77	**Government**	**873.6**	**875.8**	**878.3**	**877.4**	**874.1**
78	**Federal**	**321.4**	**315.1**	**306.9**	**297.1**	**290.6**
79	General government	274.4	267.7	258.4	248.1	240.9
80	Government enterprises	47.0	47.4	48.6	49.0	49.7
81	**State and local**	**552.2**	**560.7**	**571.3**	**580.3**	**583.4**
82	General government	506.6	514.5	524.2	532.2	535.2
83	Government enterprises	45.6	46.2	47.1	48.0	48.2
84	**Not allocated by industry** [2]	**.0**	**–7.8**	**–60.4**	**–87.9**	**–101.1**

1. Equals the current-dollar statistical discrepancy deflated by the implicit price deflator for gross domestic business product.
2. Equals GDP less the statistical discrepancy and the sum of GPO of the detailed industries.

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 11.—Gross Domestic Product by Industry Group in Current Dollars, 1947–96

[Billions of dollars]

Year	Gross domestic product	Private industries																Government
		Total	Agriculture, forestry, and fishing	Mining	Construction	Manufacturing			Transportation and public utilities				Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Statistical discrepancy [1]	
						Total	Durable goods	Nondurable goods	Total	Transportation	Communications	Electric, gas, and sanitary services						
1947	244.6	214.1	20.8	6.8	9.1	66.2	33.5	32.7	21.0	14.1	3.1	3.8	16.6	27.6	24.0	20.1	1.9	30.5
1948	269.7	239.5	24.0	9.4	11.5	74.7	38.2	36.6	23.7	15.6	3.8	4.3	18.3	30.1	27.0	21.9	–1.1	30.3
1949	267.8	236.2	19.4	8.1	11.5	72.2	37.1	35.1	23.9	14.9	4.1	4.9	17.6	30.3	29.3	22.6	1.1	31.6
1950	294.6	262.8	20.7	9.3	13.2	84.1	45.9	38.2	26.6	16.6	4.6	5.4	19.8	31.7	32.2	24.2	1.1	31.8
1951	339.7	300.7	23.8	10.2	15.6	99.1	55.6	43.5	30.2	18.8	5.2	6.2	22.5	34.3	35.6	26.4	3.1	39.0
1952	358.6	314.1	23.2	10.2	16.9	103.4	59.0	44.3	32.1	19.6	5.8	6.8	22.7	36.3	39.3	28.2	1.9	44.5
1953	379.7	333.2	21.1	10.8	17.5	112.4	66.1	46.4	34.1	20.3	6.4	7.4	23.3	37.2	43.5	30.2	3.0	46.5
1954	381.3	333.0	20.7	11.0	17.7	106.8	61.0	45.8	33.7	18.9	6.6	8.2	23.5	38.1	47.3	31.6	2.6	48.2
1955	415.1	364.3	19.8	12.5	19.0	121.4	70.8	50.5	36.7	20.6	7.2	8.9	26.6	40.5	51.2	35.2	1.4	50.8
1956	438.0	383.8	19.7	13.6	21.2	127.4	74.0	53.5	39.5	22.0	7.9	9.7	29.0	42.4	54.8	38.7	–2.6	54.2
1957	461.0	403.1	19.6	13.7	22.1	132.0	78.0	54.0	41.6	22.7	8.5	10.3	30.5	44.6	58.9	41.8	–1.7	57.9
1958	467.3	405.8	21.9	12.7	21.7	124.5	70.1	54.5	41.7	21.6	9.1	11.1	31.1	45.3	63.7	44.1	–.9	61.5
1959	507.2	442.4	20.3	12.5	23.7	140.3	81.7	58.6	44.9	22.7	10.1	12.2	36.0	49.1	68.6	48.4	–1.6	64.8
1960	526.6	457.7	21.4	12.9	24.2	142.5	82.6	59.8	47.2	23.0	10.8	13.3	37.6	50.4	73.2	51.6	–3.2	68.9
1961	544.8	471.8	21.7	13.0	25.2	142.9	81.7	61.3	48.7	23.3	11.4	14.0	38.7	51.7	77.7	55.0	–2.8	73.0
1962	585.2	507.1	22.1	13.2	27.0	156.7	92.1	64.6	51.8	24.6	12.3	14.9	41.3	55.4	82.2	59.3	–1.8	78.2
1963	617.4	533.5	22.3	13.5	28.8	166.1	98.3	67.8	54.7	25.7	13.4	15.6	43.0	57.9	86.8	63.4	–3.0	83.9
1964	663.0	572.9	21.4	13.9	31.5	177.9	105.9	72.0	58.1	27.2	14.4	16.5	46.3	63.5	92.7	69.1	–1.5	90.1
1965	719.1	622.9	24.2	14.0	34.6	196.3	118.8	77.5	62.2	29.4	15.5	17.3	49.9	68.0	99.7	74.7	–.8	96.3
1966	787.8	680.9	25.4	14.7	37.7	215.3	131.1	84.3	67.1	31.8	16.9	18.4	54.3	72.7	107.8	82.7	3.3	106.9
1967	833.6	715.7	24.9	15.2	39.5	220.8	134.1	86.7	70.4	32.7	18.3	19.4	57.7	78.2	117.0	90.8	1.3	117.9
1968	910.6	779.4	25.7	16.3	43.3	241.1	146.3	94.8	76.2	35.3	19.8	21.1	63.3	86.6	126.6	99.4	.9	131.2
1969	982.2	838.9	28.6	17.1	48.4	254.4	154.4	100.0	82.5	37.7	22.1	22.7	68.4	94.2	136.1	110.8	–1.5	143.3
1970	1,035.6	878.0	29.8	18.7	51.1	249.6	146.2	103.4	88.1	39.7	24.4	24.0	72.1	100.2	146.0	120.5	1.9	157.6
1971	1,125.4	953.6	32.1	18.9	56.1	263.0	154.2	108.9	97.2	43.4	26.7	27.1	77.9	109.2	162.8	130.4	6.1	171.7
1972	1,237.3	1,049.4	37.3	19.7	62.5	290.5	172.6	117.9	108.3	48.1	30.3	29.9	87.0	118.8	176.2	144.9	4.3	187.8
1973	1,382.6	1,178.8	54.8	23.8	69.7	323.5	195.7	127.8	119.2	53.2	33.7	32.3	97.6	130.9	192.9	163.1	3.4	203.8
1974	1,496.9	1,272.1	53.0	37.1	73.6	337.4	202.2	135.3	129.8	58.9	36.9	34.0	111.0	136.7	208.7	179.3	5.5	224.8
1975	1,630.6	1,381.4	54.7	42.8	75.1	354.9	207.0	147.8	142.2	59.2	40.6	42.4	121.0	152.8	226.6	199.1	12.1	249.3
1976	1,819.0	1,547.7	53.5	47.6	84.9	405.5	239.9	165.6	161.2	68.2	45.4	47.5	129.0	172.2	250.0	223.9	19.9	271.2
1977	2,026.9	1,733.3	54.1	54.1	93.8	462.6	277.6	185.0	179.1	76.2	50.0	52.9	142.2	190.2	283.4	255.5	18.2	293.5
1978	2,291.4	1,971.6	63.1	61.5	110.6	517.1	316.9	200.2	202.2	86.9	56.5	58.8	160.9	215.6	328.0	294.6	18.1	319.8
1979	2,557.5	2,209.3	74.5	71.2	124.7	571.3	343.5	227.9	219.0	96.6	61.4	60.9	182.3	234.2	370.6	333.2	28.2	348.2
1980	2,784.2	2,398.8	66.7	112.7	128.6	584.4	348.7	235.7	242.1	102.9	68.7	70.5	195.2	245.9	418.3	377.3	27.6	385.5
1981	3,115.9	2,689.4	81.1	151.7	129.6	652.1	388.1	264.0	276.2	111.3	79.7	85.1	216.3	270.4	470.9	426.2	14.9	426.5
1982	3,242.1	2,780.2	77.0	149.5	129.8	649.8	377.4	272.4	293.0	109.2	88.6	95.2	219.5	288.1	504.0	471.8	–2.5	461.9
1983	3,514.5	3,022.1	62.5	127.5	138.9	690.2	397.3	292.8	328.1	119.8	97.7	110.6	229.1	321.9	565.3	521.5	37.1	492.4
1984	3,902.4	3,368.6	83.5	134.2	165.0	780.6	469.5	311.1	357.8	135.0	102.2	120.6	264.3	362.2	625.6	590.4	5.0	533.8
1985	4,180.7	3,602.0	84.3	132.8	185.5	803.1	477.1	326.0	376.6	139.9	111.3	125.4	280.7	395.0	690.6	651.1	2.4	578.6
1986	4,422.2	3,807.2	82.0	86.3	207.3	833.2	487.0	346.2	393.8	148.0	115.1	130.7	293.5	415.2	760.4	712.2	23.3	615.0
1987	4,692.3	4,039.1	88.5	88.3	217.0	889.2	513.3	375.9	420.5	157.9	124.9	137.7	300.8	435.8	829.7	784.6	–15.4	653.2
1988	5,049.6	4,354.6	88.9	99.9	233.4	971.5	556.6	414.8	443.4	168.5	132.3	142.6	336.3	459.3	891.4	877.8	–47.3	694.9
1989	5,438.7	4,699.4	101.9	96.3	242.2	1,013.5	574.9	438.6	460.9	170.8	136.3	153.8	356.3	490.2	959.3	965.5	13.2	739.2
1990	5,743.8	4,951.4	108.7	112.3	245.2	1,031.4	572.8	458.6	482.1	176.4	146.6	159.1	367.2	503.5	1,024.1	1,059.4	17.4	792.5
1991	5,916.7	5,077.2	102.9	101.1	228.8	1,028.1	558.3	469.8	511.6	185.8	154.2	171.5	388.1	517.4	1,081.6	1,107.6	10.1	839.5
1992	6,244.4	5,370.8	112.4	92.2	229.7	1,063.6	573.4	490.3	528.7	192.8	161.1	174.7	406.4	544.3	1,147.9	1,200.8	44.8	873.6
1993	6,558.1	5,655.4	106.1	94.6	242.4	1,116.5	615.7	500.8	561.7	203.3	175.6	182.8	423.3	573.2	1,218.1	1,267.0	52.6	902.7
1994	6,947.0	6,013.5	119.2	94.9	268.7	1,216.1	679.2	536.9	598.7	219.9	184.6	194.2	468.0	615.3	1,267.6	1,350.4	14.6	933.5
1995	7,265.4	6,301.3	111.0	99.8	286.4	1,286.3	716.8	569.5	622.4	228.7	191.6	202.0	484.4	637.6	1,361.3	1,440.3	–28.2	964.1
1996	7,636.0	6,639.8	129.8	113.6	306.1	1,332.1	749.0	583.1	645.3	235.1	200.3	210.0	516.8	667.9	1,448.5	1,539.5	–59.9	996.3

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

NOTE.—Estimates for 1977–86 are shown on the basis of the 1972 Standard Industrial Classification (SIC). Estimates for 1987–96 are shown on the basis of the 1987 SIC.

Table 12.—Real Gross Domestic Product by Industry Group, 1977–96

[Billions of chained (1992) dollars]

Year	Gross domestic product	Private industries																Government	Not allocated by industry [2]
		Total	Agriculture, forestry, and fishing	Mining	Construction	Manufacturing			Transportation and public utilities				Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Statistical discrepancy [1]		
						Total	Durable goods	Nondurable goods	Total	Transportation	Communications	Electric, gas, and sanitary services							
1977	4,273.6	3,592.1	57.3	82.4	213.8	796.5	435.1	361.9	346.8	140.4	79.7	132.0	201.0	364.5	742.7	712.5	37.3	717.4	–4.4
1978	4,503.0	3,740.2	55.2	84.6	221.2	836.5	461.7	374.0	362.8	146.4	88.7	131.0	215.5	389.9	786.0	759.5	34.5	731.6	23.2
1979	4,630.6	3,880.6	59.4	73.6	227.8	864.8	470.5	395.4	378.7	153.3	96.3	131.0	228.2	389.1	830.7	787.3	49.5	739.4	–.9
1980	4,615.0	3,869.7	58.2	82.0	214.7	822.6	451.2	371.5	385.0	149.3	106.5	131.2	226.0	374.5	862.8	810.8	44.5	748.8	–17.0
1981	4,720.7	3,956.0	72.3	81.4	195.4	858.5	468.6	390.5	391.0	144.1	113.8	136.1	241.1	386.2	878.1	830.0	22.0	749.4	11.7
1982	4,620.3	3,854.8	76.0	78.8	172.8	810.0	427.9	386.2	379.6	140.9	115.0	126.1	246.5	387.9	875.8	838.1	–3.4	748.3	3.4
1983	4,803.7	4,051.3	54.6	73.7	181.0	856.7	448.3	413.8	405.2	155.9	121.6	130.3	251.5	422.6	900.0	862.8	49.7	753.0	–15.1
1984	5,140.1	4,354.6	73.2	82.0	210.1	948.1	521.8	426.1	422.1	166.9	119.0	138.8	286.8	465.0	945.0	920.8	6.5	760.1	18.0
1985	5,323.5	4,541.5	85.4	87.1	232.9	976.4	534.6	442.1	423.8	165.6	120.3	140.4	298.1	496.8	968.1	963.9	3.0	777.9	7.3
1986	5,487.7	4,656.2	85.9	83.6	239.0	967.6	527.4	441.0	421.7	169.2	119.7	136.4	333.0	526.6	969.0	996.8	28.6	795.7	35.8
1987	5,649.5	4,784.9	89.1	86.4	239.6	1,041.7	565.0	477.9	453.9	175.3	132.9	149.2	322.8	509.2	1,015.7	1,041.4	–18.4	810.0	53.4
1988	5,865.2	5,011.1	82.2	104.4	248.8	1,111.0	615.9	494.8	468.2	173.8	140.5	157.6	343.8	537.6	1,069.4	1,099.1	–54.6	829.0	22.9
1989	6,062.0	5,201.2	89.1	92.8	251.9	1,106.0	612.9	492.8	474.5	173.8	140.5	165.3	366.3	553.4	1,101.8	1,149.5	14.7	847.7	9.5
1990	6,136.3	5,246.0	99.4	96.9	247.5	1,090.0	600.4	489.4	491.7	176.7	149.2	168.4	360.5	546.4	1,109.0	1,181.7	18.5	867.0	25.3
1991	6,079.4	5,198.2	101.4	97.5	229.0	1,050.2	568.0	482.2	512.8	185.5	156.5	172.3	381.2	534.1	1,105.7	1,174.2	10.3	873.7	7.8
1992	6,244.4	5,370.8	112.4	92.2	229.7	1,063.6	573.4	490.3	528.7	192.8	161.1	174.7	406.4	544.3	1,147.9	1,200.8	44.8	873.6	.0
1993	6,389.6	5,517.4	102.3	96.4	234.3	1,100.8	608.3	492.5	551.9	201.1	171.8	179.0	416.5	566.2	1,174.3	1,223.5	51.3	875.8	–3.7
1994	6,610.7	5,763.6	119.1	102.5	249.8	1,193.2	671.3	522.0	584.1	214.3	176.9	193.1	448.6	601.2	1,196.9	1,256.5	13.9	878.3	–33.8
1995	6,742.1	5,921.4	111.4	108.4	254.1	1,273.7	731.2	543.2	593.8	216.0	178.4	199.6	457.5	622.5	1,231.1	1,298.8	–26.3	877.4	–61.3
1996	6,928.4	6,094.1	111.7	101.9	264.3	1,323.7	785.5	541.0	608.9	220.8	181.6	207.0	493.3	648.5	1,258.5	1,342.9	–54.7	874.1	–48.1

1. Equals the current-dollar statistical discrepancy deflated by the implicit price deflator for gross domestic business product.

2. Equals GDP less the statistical discrepancy and the sum of the most detailed industry groups in this table.

NOTE.—Estimates for 1977–86 are shown on the basis of the 1972 Standard Industrial Classification (SIC). Estimates for 1987–96 are shown on the basis of the 1987 SIC.

Table 13.—Gross Output by Industry, 1992–96

Line		Billions of current dollars					Chain-type quantity indexes (1992=100)				
		1992	1993	1994	1995	1996	1992	1993	1994	1995	1996
1	**Gross domestic product**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	**Private industries**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	**Agriculture, forestry, and fishing**	**224.5**	**224.9**	**242.1**	**240.9**	**266.1**	**100.00**	**97.61**	**105.70**	**104.26**	**104.35**
4	Farms	187.7	186.5	202.9	197.9	219.9	100.00	97.16	106.26	102.31	102.86
5	Agricultural services, forestry, and fishing	36.8	38.4	39.2	43.0	46.1	100.00	99.67	103.73	114.11	115.60
6	**Mining**	**160.0**	**160.2**	**157.5**	**156.6**	**183.5**	**100.00**	**100.72**	**103.03**	**102.06**	**102.12**
7	Metal mining	11.4	10.6	12.0	13.2	12.3	100.00	98.83	101.60	99.85	100.15
8	Coal mining	28.9	26.0	27.8	26.8	26.9	100.00	94.92	103.91	103.23	105.87
9	Oil and gas extraction	105.5	109.4	102.0	100.3	127.2	100.00	102.35	102.18	100.64	99.59
10	Nonmetallic minerals, except fuels	14.1	14.2	15.6	16.4	17.1	100.00	101.57	108.81	111.86	115.59
11	**Construction**	**432.1**	**457.4**	**493.1**	**513.8**	**554.6**	**100.00**	**102.51**	**106.75**	**106.90**	**112.77**
12	**Manufacturing**	**2,961.2**	**3,096.6**	**3,313.3**	**3,550.0**	**3,699.8**	**100.00**	**103.52**	**109.40**	**114.57**	**119.69**
13	Durable goods	1,510.3	1,613.6	1,770.3	1,899.2	1,991.6	100.00	105.66	114.44	122.63	131.79
14	Lumber and wood products	84.3	97.4	106.6	108.6	107.9	100.00	99.74	104.91	107.28	107.64
15	Furniture and fixtures	43.2	46.2	49.7	53.0	57.5	100.00	104.89	109.10	113.09	119.98
16	Stone, clay, and glass products	61.5	64.4	70.0	75.2	82.0	100.00	102.43	107.39	110.81	119.04
17	Primary metal industries	138.0	142.8	161.1	179.7	173.5	100.00	104.88	111.38	112.46	113.29
18	Fabricated metal products	164.9	172.7	188.8	202.9	212.4	100.00	103.97	111.73	115.75	119.76
19	Industrial machinery and equipment	251.2	272.2	305.8	345.3	369.8	100.00	110.56	125.68	145.96	164.70
20	Electronic and other electric equipment	210.2	228.6	261.9	294.9	316.0	100.00	110.56	130.22	160.78	189.89
21	Motor vehicles and equipment	235.6	265.0	312.5	323.5	331.7	100.00	109.72	126.28	129.22	131.65
22	Other transportation equipment	149.1	146.2	132.9	129.1	143.1	100.00	96.40	86.12	81.54	88.94
23	Instruments and related products	131.0	133.8	134.4	136.9	143.3	100.00	100.72	100.17	101.18	105.29
24	Miscellaneous manufacturing industries	41.3	44.3	46.6	50.2	54.5	100.00	105.35	108.90	112.70	122.70
25	Nondurable goods	1,450.9	1,483.0	1,543.0	1,650.8	1,708.3	100.00	101.30	104.14	106.21	107.36
26	Food and kindred products	398.3	412.8	420.6	438.1	460.0	100.00	101.86	102.60	105.80	106.08
27	Tobacco products	39.9	33.6	35.3	38.3	39.7	100.00	86.23	100.74	106.24	108.29
28	Textile mill products	70.5	74.0	77.7	79.2	77.9	100.00	105.19	110.08	108.80	105.77
29	Apparel and other textile products	70.9	73.0	76.1	76.8	75.1	100.00	102.00	105.91	106.25	102.28
30	Paper and allied products	131.9	132.2	141.9	171.6	160.5	100.00	101.61	105.67	105.85	105.65
31	Printing and publishing	170.0	176.0	180.7	192.2	203.8	100.00	100.28	100.33	101.13	103.43
32	Chemicals and allied products	299.5	307.1	325.8	353.0	363.2	100.00	100.27	103.01	106.34	109.08
33	Petroleum and coal products	148.1	143.3	142.1	149.3	177.0	100.00	100.24	102.59	104.19	109.95
34	Rubber and miscellaneous plastics products	112.2	121.2	133.5	143.6	142.1	100.00	106.92	116.24	118.96	118.12
35	Leather and leather products	9.5	9.9	9.4	8.7	8.8	100.00	102.22	94.96	84.87	86.80
36	**Transportation and public utilities**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Transportation	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Railroad transportation	33.0	33.6	35.8	37.5	39.5	100.00	103.74	111.85	121.14	132.00
39	Local and interurban passenger transit	15.9	16.7	17.4	18.3	19.4	100.00	104.20	107.11	111.48	111.04
40	Trucking and warehousing	167.9	178.3	196.0	205.8	217.8	100.00	105.64	111.41	113.02	114.91
41	Water transportation	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Transportation by air	92.7	100.2	104.6	111.8	116.5	100.00	103.84	112.06	113.10	115.72
43	Pipelines, except natural gas	8.4	8.2	8.6	9.0	9.5	100.00	100.97	103.12	101.04	102.88
44	Transportation services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Communications	247.6	263.3	277.0	294.6	318.9	100.00	105.00	109.75	115.65	122.93
46	Telephone and telegraph	188.5	196.8	207.4	218.9	236.2	100.00	104.37	109.92	115.94	124.93
47	Radio and television	59.1	66.5	69.5	75.6	82.7	100.00	106.96	109.27	114.80	117.09
48	Electric, gas, and sanitary services	264.9	274.5	269.1	270.0	279.1	100.00	100.95	99.68	100.23	100.93
49	**Wholesale trade**	**585.8**	**625.2**	**680.1**	**735.5**	**781.1**	**100.00**	**104.81**	**111.07**	**117.52**	**124.82**
50	**Retail trade**	**864.8**	**916.1**	**977.9**	**1,014.7**	**1,059.4**	**100.00**	**104.31**	**109.59**	**112.43**	**115.88**
51	**Finance, insurance, and real estate**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Depository institutions	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Nondepository institutions	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Security and commodity brokers	96.1	118.0	128.0	151.2	187.2	100.00	123.79	136.26	157.48	193.93
55	Insurance carriers	164.5	191.2	202.6	212.1	231.0	100.00	105.48	108.98	111.93	118.33
56	Insurance agents, brokers, and service	59.6	63.0	69.1	69.1	72.7	100.00	101.77	108.11	104.66	106.99
57	Real estate	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Nonfarm housing services	615.2	639.7	677.6	713.2	748.1	100.00	101.23	104.28	106.46	108.39
59	Other real estate	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
60	Holding and other investment offices	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
61	**Services**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
62	Hotels and other lodging places	85.5	90.6	97.8	104.4	110.9	100.00	102.63	108.49	112.07	114.86
63	Personal services	73.5	77.2	81.6	87.0	89.4	100.00	101.86	104.36	108.61	108.52
64	Business services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Auto repair, services, and parking	93.9	100.6	109.5	117.8	123.4	100.00	102.88	108.10	113.14	115.36
66	Miscellaneous repair services	39.9	40.8	44.3	48.2	49.7	100.00	96.99	103.37	110.57	109.27
67	Motion pictures	49.2	54.1	58.5	62.6	65.3	100.00	108.35	112.49	116.24	115.78
68	Amusement and recreation services	75.5	83.4	89.9	101.0	111.4	100.00	107.06	111.48	120.62	128.41
69	Health services	580.8	614.3	645.8	687.9	720.3	100.00	101.18	102.36	105.28	107.81
70	Legal services	118.7	122.3	124.5	125.2	133.5	100.00	98.78	97.33	94.68	97.47
71	Educational services	84.7	89.3	95.1	100.3	106.2	100.00	102.85	106.30	108.14	111.65
72	Social services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
73	Membership organizations	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
74	Other services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
75	Private households	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
76	**Statistical discrepancy** [1]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
77	**Government**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
78	**Federal**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
79	General government	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
80	Government enterprises	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
81	**State and local**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
82	General government	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
83	Government enterprises	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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

NOTE.—Estimates are shown only for industries for which the double-deflation method is used to estimate real GPO. (See footnote 14 in the text.)

Table 14.—Intermediate Inputs by Industry, 1992–96

Line		Billions of current dollars					Chain-type quantity indexes (1992=100)				
		1992	1993	1994	1995	1996	1992	1993	1994	1995	1996
1	**Gross domestic product**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	**Private industries**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	**Agriculture, forestry, and fishing**	**112.1**	**118.8**	**122.9**	**129.9**	**136.2**	**100.00**	**103.99**	**105.27**	**109.41**	**109.06**
4	Farms	107.2	113.5	119.4	124.4	130.6	100.00	103.98	107.06	109.76	109.50
5	Agricultural services, forestry, and fishing	4.9	5.3	3.5	5.5	5.7	100.00	104.25	66.69	101.30	98.91
6	**Mining**	**67.7**	**65.7**	**62.6**	**56.8**	**69.9**	**100.00**	**95.73**	**92.37**	**82.36**	**91.40**
7	Metal mining	5.9	5.6	6.1	6.4	5.5	100.00	96.03	99.91	99.39	85.44
8	Coal mining	15.4	13.6	14.7	14.5	14.6	100.00	88.96	95.55	93.00	93.21
9	Oil and gas extraction	40.5	40.2	35.3	29.2	42.9	100.00	97.33	88.32	72.11	88.85
10	Nonmetallic minerals, except fuels	5.9	6.2	6.4	6.7	6.9	100.00	101.87	103.99	105.78	105.77
11	**Construction**	**202.5**	**215.0**	**224.4**	**227.3**	**248.5**	**100.00**	**103.06**	**104.45**	**102.57**	**110.16**
12	**Manufacturing**	**1,897.6**	**1,980.1**	**2,097.2**	**2,263.7**	**2,367.7**	**100.00**	**103.53**	**107.84**	**111.69**	**117.03**
13	Durable goods	937.0	997.9	1,091.1	1,182.4	1,242.5	100.00	105.38	112.84	119.69	128.67
14	Lumber and wood products	52.3	62.8	68.2	67.9	66.5	100.00	106.40	112.36	112.54	109.08
15	Furniture and fixtures	27.0	28.5	31.2	33.6	37.0	100.00	101.78	107.81	111.85	122.17
16	Stone, clay, and glass products	36.5	39.3	41.2	44.5	49.3	100.00	105.76	107.24	111.02	121.09
17	Primary metal industries	99.1	100.7	114.9	127.7	122.9	100.00	102.62	109.80	111.95	110.66
18	Fabricated metal products	94.8	99.0	104.5	113.4	114.2	100.00	103.40	105.29	107.05	109.57
19	Industrial machinery and equipment	142.5	161.2	183.4	202.9	219.6	100.00	114.05	129.16	142.60	160.65
20	Electronic and other electric equipment	111.6	114.0	129.0	160.9	172.2	100.00	102.33	115.11	145.26	164.79
21	Motor vehicles and equipment	182.8	193.5	225.2	236.2	246.7	100.00	104.80	119.88	123.00	128.01
22	Other transportation equipment	92.6	92.8	83.4	82.1	93.3	100.00	98.79	87.31	84.07	95.33
23	Instruments and related products	76.7	82.9	85.7	87.3	91.0	100.00	108.65	112.63	118.02	132.89
24	Miscellaneous manufacturing industries	21.1	23.2	24.4	25.9	29.8	100.00	108.73	110.90	112.30	129.21
25	Nondurable goods	960.6	982.2	1,006.1	1,081.3	1,125.2	100.00	101.72	102.94	103.87	105.79
26	Food and kindred products	296.2	309.5	311.0	319.3	337.5	100.00	101.94	102.05	101.68	104.62
27	Tobacco products	21.6	18.4	19.0	20.7	21.6	100.00	84.87	86.24	88.54	92.83
28	Textile mill products	45.1	48.6	52.3	55.6	52.4	100.00	106.90	111.53	113.32	106.56
29	Apparel and other textile products	43.7	45.6	47.8	49.5	48.5	100.00	103.15	106.95	107.15	104.21
30	Paper and allied products	86.1	84.5	90.6	111.7	103.4	100.00	97.58	101.51	109.66	106.86
31	Printing and publishing	90.3	96.0	94.7	107.3	113.4	100.00	105.63	102.50	104.59	112.58
32	Chemicals and allied products	179.0	182.4	185.2	197.1	205.4	100.00	100.37	98.92	100.11	102.87
33	Petroleum and coal products	119.8	112.0	111.7	119.1	146.9	100.00	100.64	103.87	101.84	107.61
34	Rubber and miscellaneous plastics products	74.1	79.9	89.2	97.5	92.5	100.00	106.20	114.77	115.39	111.09
35	Leather and leather products	4.7	5.3	4.7	3.6	3.7	100.00	110.96	96.39	70.94	72.15
36	**Transportation and public utilities**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Transportation	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Railroad transportation	10.9	11.5	11.6	13.1	14.3	100.00	102.55	101.63	112.49	117.36
39	Local and interurban passenger transit	5.0	5.6	6.0	5.9	5.8	100.00	111.96	119.65	114.54	108.37
40	Trucking and warehousing	85.8	91.3	101.0	108.3	125.6	100.00	106.38	114.72	119.56	132.00
41	Water transportation	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Transportation by air	49.8	52.4	52.9	56.9	53.2	100.00	104.70	105.29	110.55	96.88
43	Pipelines, except natural gas	3.5	3.4	4.0	3.4	4.0	100.00	93.01	108.58	89.00	102.78
44	Transportation services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Communications	86.5	87.7	92.3	102.9	118.7	100.00	101.90	109.69	124.84	142.27
46	Telephone and telegraph	58.8	62.2	65.3	74.8	86.6	100.00	107.36	117.72	139.50	160.31
47	Radio and television	27.7	25.5	27.0	28.1	32.1	100.00	90.34	92.71	94.04	104.45
48	Electric, gas, and sanitary services	90.2	91.7	75.0	68.0	69.1	100.00	98.07	79.40	73.87	68.23
49	**Wholesale trade**	**179.4**	**201.9**	**212.1**	**251.0**	**264.3**	**100.00**	**110.09**	**112.66**	**128.59**	**132.61**
50	**Retail trade**	**320.5**	**342.9**	**362.6**	**377.0**	**391.5**	**100.00**	**104.81**	**108.16**	**109.25**	**110.55**
51	**Finance, insurance, and real estate**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Depository institutions	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Nondepository institutions	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Security and commodity brokers	46.6	54.1	49.5	71.7	97.1	100.00	115.21	104.49	148.83	200.78
55	Insurance carriers	81.1	84.7	93.8	85.6	94.4	100.00	100.73	108.55	96.08	102.91
56	Insurance agents, brokers, and service	20.1	21.5	24.0	21.9	22.3	100.00	104.08	113.38	100.37	99.61
57	Real estate	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Nonfarm housing services	61.8	70.9	70.3	70.5	74.8	100.00	111.22	109.10	107.76	111.90
59	Other real estate	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
60	Holding and other investment offices	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
61	**Services**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
62	Hotels and other lodging places	34.6	36.8	40.4	43.7	47.1	100.00	104.14	111.23	117.05	122.87
63	Personal services	32.5	33.0	35.8	40.4	40.3	100.00	99.12	104.99	115.15	112.27
64	Business services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Auto repair, services, and parking	42.8	46.4	50.2	56.7	58.3	100.00	106.34	112.73	124.34	124.37
66	Miscellaneous repair services	22.4	21.8	25.1	27.5	27.2	100.00	96.56	110.23	122.60	126.39
67	Motion pictures	29.2	30.7	35.5	36.6	35.4	100.00	103.09	114.64	113.98	105.44
68	Amusement and recreation services	27.6	35.6	38.5	44.8	50.5	100.00	126.06	132.91	150.19	164.82
69	Health services	211.8	227.7	235.6	259.0	273.3	100.00	105.10	106.22	113.62	118.35
70	Legal services	28.5	30.7	30.7	28.7	33.5	100.00	105.34	103.35	93.90	107.39
71	Educational services	38.5	40.5	42.8	45.2	48.0	100.00	102.98	106.87	109.32	114.24
72	Social services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
73	Membership organizations	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
74	Other services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
75	Private households	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
76	**Statistical discrepancy** [1]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
77	**Government**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
78	**Federal**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
79	General government	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
80	Government enterprises	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
81	**State and local**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
82	General government	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
83	Government enterprises	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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

NOTE.—Estimates are shown only for industries for which the double-deflation method is used to estimate real GPO. (See footnote 14 in the text.)

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Benchmark Input-Output Accounts for the U.S. Economy, 1992

Make, Use, and Supplementary Tables

By Ann M. Lawson

THIS ARTICLE is the first of two articles that present the 1992 benchmark input-output (I-O) accounts for the U.S. economy.[1] The second article will be published in the December 1997 SURVEY OF CURRENT BUSINESS.[2] The I-O accounts show the production of commodities (goods and services) by each industry, the use of commodities by each industry, the commodity composition of gross domestic product (GDP), and the industry distribution of value added. These I-O accounts are used in a variety of analytical and statistical contexts, including in studies of interindustry relationships within the economy and as the framework and benchmarks for other statistical series.

This article describes the preparation of the 1992 I-O accounts and discusses some of the improvements that have been made. In addition, it describes the make and use tables, illustrates how these tables are used, and discusses the concepts and methods underlying the I-O accounts. The 1992 I-O estimates are presented in this article in summary form; that is, they are aggregated to 97 I-O industries from 498-industry detail. The make (production) of commodities by industries is shown in table 1; the use (consumption) of commodities by industries, in table 2.1; and the components of value added by industries, in table 2.2. These tables are available at the summary and detailed levels on diskette (see the box "Data Availability" on page 37).

This article also presents supplementary tables and two appendixes. The supplementary tables link the I-O accounts to the national income and product accounts (NIPA's).[3] These tables permit more extensive analyses with the I-O estimates. The first appendix provides a concordance between the industry codes used in the I-O accounts and the 1987 Standard Industrial Classification (SIC). The second appendix provides a list of the value-added and final-use components that are included in the I-O accounts.

The 1992 Benchmark I-O Accounts

In response to user needs—as expressed, for example, by the interagency Working Group on the Quality of Economic Statistics—the Bureau of Economics Analysis (BEA) implemented a program to speed up the availability of benchmark I-O accounts.[4] This goal was later formalized in BEA's Strategic Plan, which was developed with data users and data suppliers in 1995. The Strategic Plan included making the benchmark I-O accounts available to users within 5 years of the date of an economic census or within 1 year after the release of all the data from that census, as part of the goal to develop new and improved measures of output and prices.[5] The 1992 benchmark I-O accounts have met this goal.[6]

Source data and procedures

The benchmark I-O accounts are based primarily on data collected from the economic censuses conducted every 5 years by the Bureau of the

1. Earlier benchmark I-O accounts covered 1947, 1958, 1963, 1967, 1972, 1977, 1982, and 1987. The 1987 I-O accounts were presented in the April and May 1994 issues of the SURVEY OF CURRENT BUSINESS.

2. The December SURVEY will present the following summary I-O tables: Commodity-by-industry direct requirements per dollar of industry output; commodity-by-commodity total requirements, direct and indirect, per dollar of delivery to final use; and industry-by-commodity total requirements, direct and indirect, per dollar of delivery to final use.

3. The 1992 I-O estimates will be incorporated into the NIPA's during the next comprehensive NIPA revision.

4. See "Improving the Quality of Economic Statistics: The 1992 Economic Statistics Initiative," SURVEY 71 (March 1991): 4–5.

5. See "Mid-Decade Strategic Review of BEA's Accounts: Maintaining and Improving Their Performance," SURVEY 75 (February 1995): 36–66; "Mid-Decade Strategic Review of BEA's Economic Accounts: An Update," SURVEY 75 (April 1995): 48–56; and "BEA's Mid-Decade Strategic Plan: A Progress Report," SURVEY 76 (June 1996): 52–55.

6. The 1987 benchmark I-O accounts were released in the spring of 1994—7 years after the 1987 economic census and 3 years after the publication of the 1982 benchmark I-O accounts. To speed up the availability of the 1987 I-O accounts, BEA devised a set of procedures that captured the most important parts of the 1987 economic census data, but that abbreviated the process of assembling the wide variety of other non-census data needed to complete a full benchmark. The use of these abbreviated procedures to prepare the 1987 benchmark I-O accounts enabled BEA to more quickly turn its resources towards preparing a complete set of benchmark accounts for 1992.

Census. The economic censuses provide comprehensive data—including information on industry and commodity production, materials consumed, and operating expenses—that are not available on a more frequent basis. The 1992 benchmark I-O accounts used data from economic censuses of the following industries: Mining; manufacturing; wholesale trade; retail trade; transportation, communications, and utilities; finance, insurance, and real estate; and services. In addition, the I-O accounts used data from the 1992 Census of Agriculture, the 1992 Census of Construction Industries, and the 1992 Census of Governments.

In preparing the 1992 benchmark I-O accounts, BEA first estimated industry and commodity outputs for the I-O make and use tables. The industry and commodity outputs are represented by the shaded cells in the I-O make table, shown in the upper panel of chart 1, and in the I-O use table, shown in the lower panel. Where there are gaps in coverage by the economic censuses, BEA used data from other sources, such as the U.S. Department of Agriculture, U.S. Department of Energy, U.S. Department of Transportation, U.S. Department of Treasury, Office of Management and Budget, other Government agencies, and private organizations.

Second, BEA prepared estimates of the commodity inputs required by an industry to produce its output. In the use table shown in chart 1, commodity inputs are represented by the upper cells in an industry column. Most of the detailed data available to estimate commodity inputs are obtained from the economic censuses, which included selected purchased services for most industries and materials consumed for manufacturing. When only aggregate data were available, BEA combined that information (for example, purchases of fuel by manufacturing industries) with information on purchases of individual commodities (for example, purchases of petroleum products, natural gas, and coal in the category of purchased fuels) to estimate purchases of specific commodities by an industry (for example, purchases of natural gas by a manufacturing industry).

Third, BEA prepared estimates of value added by all industries. In the I-O accounts, value added consists of three components—compensation of employees, indirect business tax and nontax liability, and "other value added"—which are represented by the lower cells in an industry column of the use table. To estimate compensation of employees and indirect business tax and nontax liability, BEA used data from the NIPA's and from the Bureau of Labor Statistics, Bureau of the Census, Office of Management and Budget, and the U.S. Department of Treasury. BEA then derived "other value added" as a residual by subtracting total intermediate inputs, compensation of employees, and indirect business tax and nontax liability from total industry output.

Finally, BEA completed the estimates of detailed final-use categories. For most final-use categories, BEA used the same data and procedures as in the past. Most of the estimates

Data Availability

This article presents the summary make and use tables for the 1992 benchmark input-output (I-O) accounts. The summary estimates of the requirements tables will be presented in the December 1997 SURVEY OF CURRENT BUSINESS.

The estimates included in the make and use tables are available on diskette at the summary level (97 I-O industries) and at the six-digit level (498 I-O industries). The "all" diskette contains the summary make table, use table (including estimates by commodity of transportation costs and of wholesale and retail trade margins), direct requirements coefficients table, and industry-by-commodity and commodity-by-commodity total requirements coefficients. The "all" diskette also contains an alternative set of summary make and use tables with industries defined on an approximate 1987 Standard Industrial Classification (SIC) basis. The six-digit "transactions" diskettes contain the make table, use table (including estimates by commodity of transportation costs and of wholesale and retail trade margins), and direct requirements table. The six-digit "alternative transactions" diskettes contain the make and the use tables, but the industries are defined on an approximate SIC basis. Each product includes information on the mathematical derivation of the coefficients tables. The BEA product numbers and the prices for these products are listed below.

To order using MasterCard or Visa, call the BEA Order Desk at 1–800–704–0415 (outside the United States, call (202) 606–9666). To order by mail, send a check payable to "Bureau of Economic Analysis, BE-53" to BEA Order Desk, Bureau of Economic Analysis, BE-53, U.S. Department of Commerce, Washington, DC 20230.

Item	BEA product number	Price
1992 benchmark summary, all	NDN-0180	$20
1992 benchmark six-digit, transactions (set of three diskettes)	NDN-0178	$60
1992 benchmark six-digit, alternative transactions (set of two diskettes)	NDN-0179	$40

CHART 1

The U.S. Input-Output Accounts

MAKE TABLE: INDUSTRIES PRODUCING COMMODITIES

		COMMODITIES									TOTAL INDUSTRY OUTPUT
		Agricultural products	Minerals	Construction	Manufactured products	Transpor-tation	Trade	Finance	Services	Other*	
INDUSTRIES	Agriculture	■									
	Mining		■								
	Construction			■							
	Manufacturing				■						
	Transportation					■					
	Trade						■				
	Finance							■			
	Services								■		
	Other*									■	
TOTAL COMMODITY OUTPUT											

USE TABLE: COMMODITIES USED BY INDUSTRIES AND FINAL USES

		INDUSTRIES										FINAL USES (GDP)							TOTAL COMMODITY OUTPUT
		Agricul-ture	Mining	Construc-tion	Manufac-turing	Transpor-tation	Trade	Finance	Services	Other*	Total inter-mediate use	Personal consumption expenditures	Gross private fixed investment	Change in business inventories	Exports of goods and services	Imports of goods and services	Government consumption expenditures and gross investment	GDP	
COMMODITIES	Agricultural products																		
	Minerals																		
	Construction																		
	Manufactured products																		
	Transportation																		
	Trade																		
	Finance																		
	Services																		
	Other*																		
	Noncomparable imports																		
	Total inter-mediate inputs																		
VALUE ADDED	Compensation of employees																		
	Indirect business tax and nontax liability																		
	Other value added**																		
	Total																		
TOTAL INDUSTRY OUTPUT																			

■ TOTAL COMMODITY OUTPUT
■ PRIMARY PRODUCT OF THE INDUSTRY
■ TOTAL INDUSTRY OUTPUT

* The input-output (I-O) accounts use two classification systems, one for industries and another for commodities, but both generally use the same I-O numbers and titles. "Other" consists of government enterprises and other I-O special industries; for more information see "Appendix A. Industry Classification of the 1992 Benchmark Input-Output Accounts."

** "Other value added" consists of the following national income and product accounts 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.

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

of personal consumption expenditures and gross private fixed investment were prepared using the commodity-flow method.[7] For example, using the commodity-flow method, office equipment for private investment was estimated as a residual after government investment was subtracted from the total supply of office equipment. The estimates of inventories held by industries were mostly based on economic census data; these estimates were then distributed to commodities on the basis of information from previous benchmark accounts. The estimates of exports and imports of commodities were based on data from the Bureau of the Census and BEA's U.S. balance of payments accounts. For the estimates of Federal Government and State and local government, total consumption and investment expenditures by type of purchase were obtained from the NIPA's; these estimates were then distributed to I-O commodities on the basis of information from previous benchmark accounts and the 1992 economic censuses.

7. See the box "Personal Consumption Expenditures and Producers' Durable Equipment" below.

Improvements and changes

The 1992 I-O accounts incorporated three types of changes: Definitional and classificational, to

Personal Consumption Expenditures and Producers' Durable Equipment

The estimates of personal consumption expenditures (PCE) and producers' durable equipment (PDE) and the other components of final uses are presented in the input-output (I-O) accounts as purchases of commodities. In the presentation of PCE and PDE in the national income and product accounts (NIPA's), these commodities are grouped into categories either by type of product or by type of expenditure.[1] Two methods are used to prepare the I-O benchmark estimates of PCE and PDE: The direct-estimation method and the commodity-flow method.

Direct estimation

Selected commodities in the PCE and PDE categories are directly estimated from source data. Direct estimation is used when by definition the commodity is purchased only by persons for consumption or by business for investment; for example, the rental value of owner-occupied dwellings is attributed exclusively to persons. Direct estimation is also used when the underlying estimation method results in a more accurate and reliable estimate; for example, estimates of gasoline and oil purchases by persons are based on unit sales and average prices for these commodities.

Commodity-flow method

The estimates for many commodities in the PCE and PDE categories are calculated using the commodity-flow method. This method, which consists of seven steps, converts domestic output (the value of commodities produced by domestic establishments) in producers' prices to domestic supply (the value of production available for sale to domestic purchasers) in purchasers' prices and therefore includes imports and excludes exports. The domestic supply is then allocated to domestic purchasers—that is, to persons, business, and government.

In step 1, commodities purchased by persons for consumption or by business for investment are identified. The commodities purchased by persons are identified on the basis of the nature of the product from the titles of products included in the quinquennial economic censuses or in the *Standard Industrial Classification Manual, 1987*. The commodities purchased by businesses are identified on the basis of two criteria: (1) The commodity has a life of more than 1 year and is normally capitalized in business accounting records, and (2) the commodity is not an integral part of a structure and therefore is not included in the value of that structure (for example, an elevator in an apartment building).

In step 2, an estimate of total domestic output—that is, shipments, revenues, or receipts—is prepared for each commodity. The value of the domestic output is in producers' prices—that is, it includes excise taxes and tips but excludes transportation costs and wholesale and retail trade margins.

In step 3, imports are added, and in step 4, trade margins and transportation costs are added. Step 4 converts supply into purchasers' prices, which is the valuation used for the commodity-flow estimates.

In step 5, exports, which include transportation costs and trade margins, are subtracted because they are recorded in the NIPA's as a separate final-demand component.

In step 6, changes in inventories are subtracted, because not all goods that are produced or imported in a period are consumed in the same period. In some commodity-flow estimates, a percentage of domestic supply in purchasers' prices—the result of steps 2 through 6—is then allocated to users.

In step 7, government consumption expenditures and gross investment and purchases by business on current account (intermediate purchases) are subtracted from the domestic supply in purchasers' prices to obtain a residual that reflects purchases either by persons for consumption or by businesses for investment.

1. Supplementary tables D and E show the I-O commodity compositions of the NIPA PCE and PDE categories. For the other NIPA expenditure components—not shown in tables D and E—private and government structures are presented by type, inventory change is presented by industry of the establishment holding the inventories, and net exports of goods and services and government consumption and investment expenditures are shown by type of product.

more accurately reflect the evolving U.S. economy; methodological, to increase the accuracy and reliability of the estimates; and statistical, to introduce newly available and revised source data.

Major definitional and classificational changes.—The 1992 I-O accounts incorporated the definitional changes that were introduced as part of the comprehensive NIPA revision released in January 1996.[8] The change that most affected the I-O accounts was the new treatment of government purchases that distinguishes between government investment and consumption expenditures and that is symmetrical with the treatment of private fixed assets.[9] Also included are the improved estimates of contributions by the Federal Government to the retirement programs of civilian employees and military personnel in employee compensation.[10]

Additional definitional and classificational changes that were incorporated into the 1992 I-O accounts included the following:

- Expansion of industry detail for construction;
- Expansion of detail for service-producing industries in the detailed I-O accounts; and
- Improved classification of imported goods that were previously identified as noncomparable.

Major methodological changes.—The 1992 I-O accounts incorporated the results of major methodological changes that were introduced as part of the comprehensive NIPA revision. For example, the improved estimates of purchases of new autos and of investment in nonresidential structures were incorporated into the estimates of final uses, and the new estimates of voluntary contributions to thrift savings plans were incorporated into the estimates of compensation of employees.

For estimates of indirect business tax and other nontax liability, the 1992 I-O accounts incorporated the improved industry assignment of

8. See "Improved Estimates of the National Income and Product Accounts for 1959–95: Results of the Comprehensive Revision," SURVEY 76 (January/February 1996): 1–27.

9. The services of general government fixed assets, measured as depreciation, are now included in government consumption expenditures. However, the use of depreciation as a measure of the value of services of government fixed assets is only a partial measure of the total value. In theory, the service value of an asset should equal the reduction in the value of the asset due to its use during the current period (depreciation) plus a return equal to the current value the asset could earn if invested elsewhere (net return). The consumption of fixed capital by government does not provide an estimate of the full value of the services of government fixed assets, because the net rate of return on these assets is assumed to be zero. See Robert P. Parker and Jack E. Triplett, "Preview of the Comprehensive Revision of the National Income and Product Accounts: Recognition of Government Investment and Incorporation of a New Methodology for Calculating Depreciation," SURVEY 75 (September 1995): 33–41.

10. See "Preview of the Comprehensive Revision of the National Income and Product Accounts: New and Redesigned Tables," SURVEY 75 (October 1995): 31–34.

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commodity taxes that was introduced in the comprehensive revision of gross product originating (GPO) released in August 1996.[11] These taxes are now classified in a more consistent and comprehensive manner than in the previous benchmark accounts.

In addition, the 1992 I-O accounts incorporated improved measures of output and inputs for the transportation industries and improved measures of the freight charges incurred to transport commodities by different modes. These improvements resulted from a review of the methods and source data used to prepare transportation estimates for the I-O accounts by the staff of the Department of Transportation.[12] Where feasible, BEA incorporated suggested improvements from this review into the 1992 I-O accounts.

Major statistical changes.—The 1992 I-O accounts incorporated newly expanded data from the 1992 economic censuses, which covered about 95 new industries and marked the most significant expansion in scope of the census in the past 50 years. These data were collected primarily in the two new economic censuses—Financial, Insurance, and Real Estate and Transportation, Communications, and Utilities. The I-O accounts also incorporated newly expanded data for the expenses of auxiliary establishments and for the expenses of manufacturing, wholesale trade, retail trade, and service industries. These data, together with data from new annual surveys for transportation and for communications, were used to estimate inputs for these industries.

Introduction to the I-O Accounts

The I-O accounts for the U.S. economy show the production of commodities by each of 498 industries in the make table and the consumption of commodities by these industries in the use table. The use table also shows the commodity composition of gross domestic product (GDP) and the industry distribution of value added.

The I-O accounts show the relationships between all the industries in the economy and all the commodities that these industries produce and use. The estimates of the commodities are shown in producers' prices.[13] When producers' prices are used, transportation costs and wholesale and retail trade margins are treated separately as commodities that are produced and used by industries (see the section "Definitions and conventions for valuation of transactions").

The I-O accounts consist of five basic tables: (1) Make, (2) use, (3) commodity-by-industry direct requirements, (4) commodity-by-commodity total requirements, and (5) industry-by-commodity total requirements.[14] Only the make and use tables are presented in this article. The remaining three tables and their descriptions will be published in the December 1997 SURVEY.

The make table.—The make table (shown as a schematic in chart 1 and with estimates in table 1) shows the value in producers' prices of each commodity produced by each industry. In each row, one "diagonal" cell shows the value of the production of the commodity for which the industry has been designated the "primary" producer; in chart 1, these cells are shaded in the interior of the make table. The entries in the other cells in the row show the value of the production of commodities for which the industry is a "secondary" producer.[15] For example, the *industry* "newspapers and periodicals" (row 26A in table 1) is the primary producer of the *commodity* "newspapers and periodicals" (column 26A in table 1). This industry is also a secondary producer of the following commodities: Other printing and publishing (column 26B); scientific and controlling instruments (column 62); advertising (column 73D); and scrap, used and secondhand goods (column 81). The sum of all the entries in the row is the total output of that industry.

The entries in each column of the make table represent the production by both primary and secondary producers of the commodity in the column. For example, computer and data processing services (column 73A) includes the output by the primary producer—the industry "computer and data processing services" (row 73A)—and by the following secondary producers: Computer and office equipment (row 51); legal, engineering, accounting, and related services (row 73B); and other business and professional

11. See Robert E. Yuskavage, "Improved Estimates of Gross Product by Industry, 1959–94," SURVEY 76 (August 1996): 140.

12. The staff of BEA and of the Bureau of Transportation Statistics of the U.S. Department of Transportation are developing a set of transportation satellite accounts for the United States, which are tentatively scheduled for release next year. These accounts will be based on the 1992 benchmark I-O accounts.

13. Estimates of purchases of I-O commodities in purchasers' prices can be derived by adding transportation costs and wholesale and retail trade margins to the values in producers' prices. These estimates are shown in table C for all I-O commodities included in NIPA final demand; in table D, for all I-O commodities included in personal consumption expenditures; and in table E, for all I-O commodities included in producers' durable equipment.

14. In the designation that is used for I-O tables, the content of the rows is referred to first, and that of the columns, second. For example, in a "commodity-by-industry" table, the commodities are in the rows, and the industries are in the columns.

15. Primary and secondary products and the classification of industries are discussed further in the section "Definitions and conventions for classification."

services, except medical (row 73c). The sum of all the entries in the column is the total output of that commodity.

An industry's share of the production of a commodity can be determined from the values in the make table by calculating the entry in a given column as a percentage of the column total. For example, the production of the commodity "scientific and controlling instruments" (column 62) totaled $107.9 billion, of which the industry "scientific and controlling instruments" (row 62) produced $100.5 billion or about 93 percent of the total commodity output.

The estimates of industry and commodity total output are based primarily on data from the quinquennial economic censuses conducted by the Bureau of the Census. (Table A shows the principal data sources used to estimate industry and commodity outputs for the 1992 I-O accounts.) Economic census data are used for

Table A.—Principal Data Sources for Industry or Commodity Outputs, 1992 I-O Accounts

Industry or Commodity	Source
Agriculture, forestry, and fisheries	Trade sources U.S. Department of Agriculture, Forest Service and Economic Research Service farm statistics National Oceanic and Atmospheric Administration *Fisheries of the United States*
Mining	Census Bureau 1992 Census of Mineral Industries
Construction	Census Bureau 1992 Census of Construction Industries, 1992 Census of Service Industries, value of construction put-in-place series, and 1992 Census of Financial, Insurance, and Real Estate Industries
Manufacturing	Census Bureau 1992 Census of Manufactures
Transportation	Association of American Railroads *Freight Commodity Statistics* Census Bureau 1992 Census of Transportation, Communications, and Utilities, *Motor Freight Transportation and Warehousing Survey, and Service Annual Survey* U.S. Army Corps of Engineers *1992 Waterborne Commerce of the United States* Department of Transportation *Air Carrier Financial Statistics and National Transportation Statistics*
Communications	Trade sources annual reports Census Bureau 1992 Census of Transportation, Communications, and Utilities
Utilities	Department of Energy *Financial Statistics of Major United States Investor-Owned Electric Utilities, 1992, and Financial Statistics of Major U.S. Publicly Owned Electric Utilities, 1992 and 1993* Census Bureau 1992 Census of Transportation, Communications, and Utilities Rural Electrification Administration *1992 Statistical Report, Rural Electric Borrowers*
Wholesale and retail trade	Census Bureau 1992 Census of Wholesale Trade, 1992 Census of Retail Trade, *1992 Combined Annual and Revised Monthly Retail Trade, 1992 Annual Wholesale Trade,* and *1993 Annual Retail Trade Survey*
Finance	Census Bureau 1992 Census of Financial, Insurance, and Real Estate Industries Federal Deposit Insurance Corporation *Statistics on Banking* Federal Home Loan Bank Board financial reports National Credit Union Administration *Yearend Statistics for Federally Insured Credit Unions* Annual Report of the New York Stock Exchange Securities and Exchange Commission FOCUS Report data and Annual Report
Insurance	Trade sources financial statements Health Care Financing Administration private health insurance data A. M. Best and Company *Best's 1992 Aggregate and Averages Property/Casualty Insurance* Mortgage Insurance Companies of America 1994-1995 *Factbook* U.S. Department of Labor, Pension Welfare Benefits Administration American Council of Life Insurers *1992 Life Insurance Fact Book*
Real estate	Census Bureau 1992 Census of Financial, Insurance, and Real Estate Industries National income and product accounts data U.S. Department of Agriculture farm statistics Expense data for industries from Census and other sources
Services	Census Bureau 1992 Census of Retail Trade, 1992 Census of Service Industries, *1992 Service Annual Survey, 1993 Annual Retail Trade Survey* U.S. Department of Education Digest of Educational Statistics *The Economic Report on Veterinarians & Veterinary Practices*
Government enterprises	Federal and State and local government agency reports Office of Management and Budget Federal budget data National income and product accounts data
Noncomparable imports	Estimated as part of the balance of payments accounts
Scrap	Census Bureau 1992 Census of Manufactures
General government	Estimated as part of the national income and product accounts
Household	Estimated as part of the national income and product accounts
Inventory valuation adjustment	National income and product account estimates and 1992 economic census data

most industries, but data from other Government agencies and private sources are used for the I-O industries that are not covered by the economic census data, such as education and religious organizations. In addition, data from other Government agencies are used to supplement the economic census data for some industries; for example, data on financial statistics for major private electric utilities from the U.S. Department of Energy are used to supplement the data on electric utilities from the 1992 Census of Transportation, Communications, and Utilities.

BEA makes two adjustments to the economic census data. First, it adds estimates of the output for establishments that are not covered by the economic censuses. This adjustment includes estimates for nonpayroll firms in mining, manufacturing, and wholesale trade and for noncensus-covered industries in agriculture, forestry, and fisheries, in services (such as education and religious organizations), and in transportation (such as railroads). Second, BEA adjusts the data for misreported tax return information, because in some cases, the Census Bureau data for receipts reflect tax return records rather than information collected from surveys. Therefore, the tax return data must be adjusted to account for nonfilers and for filers who misreport receipts to the Internal Revenue Service. [16] The largest adjustments are to the data for the services industries in which partnerships and sole proprietorships are more prevalent.

After these adjustments are made, BEA redefines the SIC-based economic census data using the I-O classification system in order to attain greater similarity in the input structures for commodities produced by an I-O industry. For example, restaurants in hotels are redefined to the "eating and drinking places" industry. (See the section "Definitions and conventions for classification.")

The use table.—The data in the use table (shown as a schematic in the lower panel of chart 1) are presented in two parts: Table 2.1 shows the value in producers' prices of each commodity used by each industry or by each final user (represented by the upper left and right quadrants of chart 1); table 2.2 shows detail on the components of value added and total intermediate inputs that are used by each industry to produce its output (represented by the lower left quadrant of chart 1).[17] In table 2.1, the entry in each row shows the commodity that is used by the industry or final user in the column. For example, the commodity "radio and TV broadcasting" (row 67) is used by the industries "communications, except radio and TV" (column 66), "radio and TV broadcasting" (column 67), and "advertising" (column 73D) and by persons in personal consumption expenditures (column 91).

To facilitate the presentation, the rows and columns of table 2.2 are reversed from those shown in chart 1 as follows: The industries are shown in the rows, and the total intermediate inputs, the components of value added, and the total output for each industry are shown in the columns. For example, for the industry "radio and TV broadcasting" (row 67), compensation of employees was $8.4 billion, indirect business tax and nontax liability was $0.5 billion, and "other value added" was $2.9 billion. Total intermediate inputs was $17.6 billion, which is the sum of the intermediate inputs for industry shown in table 2.1. The total output for this industry was $29.4 billion.

The column total for industries in table 2.1 equals the industry output in table 2.2. For example, the industry output for the radio and TV broadcasting industry (column 67) in table 2.1 equals the total industry output for that industry (row 67) in table 2.2, or $29.4 billion.

In table 2.1, the sum of the intermediate uses of the commodity by industries (upper left quadrant of chart 1) and all sales to final users (upper right quadrant of chart 1) equals total commodity output. The sum of the intermediate inputs consumed by each industry—that is, the raw materials, semifinished products, and services that the industry purchased—and the value added by the industry equals total industry output. In the I-O accounts, GDP can be measured either as the sum of all final uses of commodities or as the sum of value added by industries.

The use table shows the variation in the share of commodity output that is sold to final users. In table 2.1, some commodities, such as apparel (row 18), were sold almost entirely to final users; therefore, the demand for these commodities is affected primarily by changes in the buying patterns of the final users. Other commodities, such as industrial and other chemicals (row 27A), were used almost entirely as intermediate inputs;

16. See Robert P. Parker, "Improved Adjustments for Misreporting of Tax Return Information Used to Estimate the National Income and Product Accounts, 1977," SURVEY 64 (June 1984): 17–25.

17. Estimates of industry value added, referred to as "gross product originating," are provided in Sherlene K.S. Lum and Robert E. Yuskavage, "Gross Product by Industry, 1947–96" in this issue. A comparison of the GPO estimates with those from the 1992 I-O accounts is presented in "Note on Alternative Measures of Gross Product by Industry."

for these commodities, production is indirectly connected to final uses.

The use table also shows the variation in the usage of commodities by industries. For example, in table 2.1, the commodity "paper and allied products, except containers" (row 24), with a total commodity output of $98.5 billion, was used by most industries. The largest user was "other printing and publishing" (column 26B), which used $16.1 billion, or 16 percent of the total commodity output. In contrast, metal containers (row 39), with $13.2 billion of commodity output, were used by only 17 industries. The largest user was the industry "food and kindred products" (column 14), which used $9.4 billion, or 71 percent of the total commodity output.

Finally, the use table shows the variation in the use of total value-added inputs by industries to produce their outputs. For example, in table 2.2, the industry "real estate and royalties" (row 71B) required $412.2 billion of value-added inputs, or 75 percent of its total output; of this total, $48.4 billion was for compensation of employees, $79.7 billion was for indirect business tax and nontax liability, and $284.2 billion was for "other value added." In contrast, the industry "livestock and livestock products" (row 1) required $15.6 billion of total value-added inputs, or 17 percent of its total output; of this total, $4.5 billion was for compensation of employees, $1.3 billion was for indirect business tax and nontax liability, and $9.8 billion was for "other value added."

The estimates of intermediate inputs in the use table are primarily based on data from the economic censuses. Much of these data are for broad expense categories, such as office supplies, that must be allocated to I-O commodities, such as postal services, paper, and envelopes. In cases in which estimates of expenses are not available, BEA uses commodity shipments and other related information. For example, the estimates of the purchases of spark plugs are allocated using the stock of cars, trucks, and buses by industry. (Table B shows the principal sources and methods used to estimate intermediate and value-added inputs for 1992 I-O industries.)

The estimates of final uses of commodities are prepared from source data on purchases or by using the commodity-flow method. For example, the estimates of exports and imports are based on source data from the Census Bureau and BEA's U.S. balance of payments accounts. In the commodity-flow method, which is used mainly for personal consumption expenditures and producers' durable equipment, domestic output is adjusted for exports and imports; trade margins and transportation costs are added to estimate supply in purchasers' value. Then, either a percentage of this supply is attributed to final users, or the supply is adjusted for intermediate purchases and the residual is attributed to final users.[18]

Two of the components of value added by industry are estimated directly using a variety of data sources (table B). Most of the estimates of compensation of employees by industry are based on census data. The estimates of indirect

18. For more detailed information, see U.S. Department of Commerce, Bureau of Economic Analysis, *Personal Consumption Expenditures*, Methodology Paper Series MP-6 (Washington, DC: U.S. Government Printing Office, June 1990): 31–34.

Table B.—Principal Data Sources and Methods for Estimating Intermediate Inputs and Value-Added Inputs, 1992 I-O Accounts

Component	Source or method
Intermediate inputs	For most census-covered industries, selected purchased services (legal; communications; electricity; repair of buildings; repair of equipment; rental of buildings; rental of equipment; accounting, auditing, and bookkeeping; advertising; and data processing and computer services) and purchased fuels; in addition, for manufacturing and mining, materials consumed and contract work, from 1992 economic censuses. For agriculture industries, inputs from U.S. Department of Agriculture. For most remaining industries, a combination of selected inputs from trade sources and 1987 estimates extrapolated by change in industry output. All inputs adjusted to balance to commodity outputs.
Compensation of employees	For census-covered industries, payroll and benefits from Census Bureau 1992 economic censuses, adjusted for misreporting and I-O industry definitions. For noncensus-covered industries, tabulations of wages and salaries covered by State unemployment insurance, BEA estimates of benefits, adjusted for misreporting and I-O industry definition. All estimates adjusted to balance to total compensation, estimated as part of the national income and product accounts.
Indirect business tax and nontax liability	For excise taxes and commodity taxes, estimates are from output controls. For all other tax and nontax liability, based on various extrapolators. All estimates adjusted to balance to total indirect business tax and nontax liability, estimated as part of the national income and product accounts.
Other value added	For most industries, residual method: Total industry output less total intermediate inputs, compensation of employees, and indirect business tax and nontax liability.

I-O Input-output

business tax and nontax liability by industry are prepared in two parts: For excise and general sale taxes, the values are estimated as part of each industry's output; for other indirect business taxes, such as property taxes, estimates are distributed on the basis of a variety of source data, including State government tax collections and highway statistics. The remaining component is shown as "other value added," which is derived as a residual by subtracting the total intermediate inputs, compensation of employees, and indirect business tax and nontax liability from total industry output.

The uses of the I-O accounts

The I-O accounts have a variety of uses that range from an analytical tool to study industry production to a framework for benchmarking other economic statistics programs. This section describes the uses of the I-O accounts in studying interindustry relationships in the U.S. economy and in preparing economic statistics. It also describes some of the assumptions that analysts must make when they use I-O accounts as an economic tool for analysis.

Analytical uses.—The I-O accounts are an important analytical tool because they show the interdependence among the producers and consumers in the economy. Using the I-O accounts, analysts can estimate the direct and indirect effects of changes in final uses on industries and commodities.

For example, the I-O accounts can show how an increase in consumer demand for motor vehicles will affect the rest of the economy. It will likely cause an increase in the production of motor vehicles that could result in increased steel production and that, in turn, could require increases in the production of chemicals, iron ore, limestone, and coal. It could also require an increase in the production of upholstery fabrics that could require more natural fibers, more synthetic fibers, and more plastics and that, in turn, could require increases in the production of "electric services (utilities)" and "plastics materials and resins." In the I-O accounts, these effects are quantified in the total requirements tables.[19]

Similarly, the requirements tables can be used to estimate the effects of a strike or natural disaster on the economy or, supplemented with additional information, to estimate the effects of an increase in demand for U.S. exports on employment. The Federal Emergency Management Agency, the Department of Defense, and the Census Bureau, among others, have used the I-O accounts for such studies.

When the I-O accounts are augmented with regional data by BEA, they can show economic effects by region. For example, the regional I-O accounts can be used to estimate the potential impact of a planned Federal Government shutdown of a military base.[20] When the I-O accounts are augmented with international data, they can be used to estimate the effects of exchange-rate changes on the profitability and activities of manufacturing industries that rely on imported inputs.[21]

Analysts using the I-O tables to estimate the effects of changes in final uses on industries and commodities need to be aware of the underlying I-O assumptions. For example, the I-O tables are based on a set of relationships that exist between producers and consumers in a given year; these relationships reflect constant technology and relative prices. The interindustry relationships reflect the average input structure in each industry for that year, but these relationships do not necessarily reflect those of an additional unit of production. Therefore, for analyses that require alternative assumptions, other economic tools may be required.

Statistical uses.—The I-O accounts are used in several ways to prepare economic statistics. For example, the final-use components of personal consumption expenditures and of gross private domestic investment—adjusted to reflect the definitional, classificational, and statistical changes made after the completion of the benchmark I-O accounts—provide the benchmarks for the NIPA's.

The benchmark I-O accounts are also used as a framework to weight and to calculate index numbers for price, volume, and value. For example, the Bureau of Labor Statistics uses data from the I-O accounts as weights in compiling industry price indexes.

19. In an open economy, the production effects are likely to be reflected as an increase in both domestic production and imports. To separate the effects on domestic production from those on imports, analysts generally use a special set of I-O tables that includes an import matrix that identifies the intermediate purchases by producers that are obtained from foreign sources.

20. Estimates of regional economic effects derived from BEA's Regional Input-Output Modeling System are based mainly on two data sources: The U.S. benchmark I-O accounts and BEA's county estimates of wage and salary disbursements at the four-digit SIC level. These estimates are available from the BEA's Regional Economic Analysis Division. For more information, see U.S. Department of Commerce, Bureau of Economic Analysis, *Regional Multipliers: A User Handbook for the Regional Input-Output Modeling System (RIMS II), Third Edition* (Washington, DC: U.S. Government Printing Office, 1997).

21. Jose Campa and Linda S. Goldberg, "The Evolving External Orientation of Manufacturing: A Profile of Four Countries," *Economic Policy Review* 2 (1997): 53–81.

Definitions and conventions for classification

The I-O accounts use two classification systems—one for industries and another for commodities—and both systems generally use the same I-O numbers and titles. This section first discusses the I-O industry classification system and then the I-O commodity classification system.

The I-O industry classification system.—This system is based on the Standard Industrial Classification (SIC) system, which classifies establishments into industries on the basis of the primary activities of the establishments. Establishments are defined as economic units that are typically at a single location where business is conducted or where services or industrial operations are performed.[22]

The I-O industry classification system differs from the SIC system in three major ways. First, the I-O industry system redefines some secondary production of some SIC industries to other industries. Second, the I-O industry classification system includes "special industries" that are not considered to be industries in the SIC system. Third, because of data limitations, the I-O industry system includes three industries—agriculture, construction, and real estate—that are defined on an activity basis rather than an establishment basis.

Redefinitions result in the shift of output and inputs related to the secondary activities of some establishments to the SIC industries in which they are primary activities. (A primary activity must make up the largest proportion of the establishment's output; all the other activities are secondary.) The I-O industry classification system only redefines the secondary activities of an SIC industry for which the related inputs are very different from those required for the industry's primary activity. For example, both the output and related inputs of restaurants in hotels are moved from the SIC industry "hotels and lodging places" (in which "hotels and lodging" is the primary activity) to the industry "eating and drinking places" (in which "eating and drinking" is the primary activity), because the input structure of "meals and beverages" is very different from that of the industry's primary activity. After the redefinition is completed, the total outputs for both I-O *industries*—that is, "eating and drinking places" and "hotels and lodging places"—are different from their SIC industry counterparts. However, total outputs for the I-O *commodities* remain unchanged from their counterparts in the SIC system. The purpose of redefinitions in the I-O analytical framework is to attain a greater degree of homogeneity in the inputs required by an I-O industry to produce its commodities.

The following activities are redefined:

- Construction work (both new and maintenance and repair) performed by all establishments (including government) is redefined to the construction industries. Construction work performed by and for establishments classified in nonconstruction industries is referred to as "force-account construction."
- Manufacturing in trade and service establishments is redefined to the appropriate manufacturing industries.
- Retail trade in service establishments is redefined to the retail trade industry. Services in trade establishments are redefined to service industries. Some services are also redefined within the service industries.
- Manufacturers' sales of purchased goods (resales) are redefined to the wholesale trade industry.
- Rental activities of all establishments are redefined to the real estate and rental industries.
- The preparation of meals and beverages in most establishments is redefined to the eating and drinking industry.

The redefinitions affected most industries, but the total output that was redefined for most industries was small for the 1992 I-O accounts. Redefinitions had a significant effect on the following industries: Automotive repair and services (I-O industry 75) has $138.4 billion in total industry output after $1.0 billion was removed and $48.1 billion was added from wholesale and retail trade; eating and drinking places (I-O industry 74) has $280.7 billion in total output after $1.0 billion was removed and $45.6 billion was added; wholesale trade (I-O industry 69A) has $569.0 billion in total output after $51.0 billion was removed and $31.0 billion was added; and retail trade (I-O 69B) has $522.5 billion in total output after $82.7 billion was removed and $13.9 billion was added.

Special industries are included in the I-O system, but they are not considered industries in the SIC system. In the SIC, government establishments engaged in business-like activities (defined

22. Appendix A provides a list of I-O industries and the relationships of these industries to the 1987 SIC codes. For more information on the SIC, see Office of Management and Budget, Statistical Policy Division, *Standard Industrial Classification Manual 1987* (Washington, DC: U.S. Government Printing Office, 1987): 11–18.

in divisions 1–8), such as the U.S. Postal Service and the local water authorities, are classified in the same SIC industry as private establishments. In the I-O system, these establishments are classified in Federal Government enterprises (I-O 78) and State and local government enterprises (I-O 79).[23]

Another special industry created for the I-O accounts, general government (I-O 82), covers all other government establishments and is similar in scope to SIC industry division 9, Public Administration. The output and value added of this industry are defined as compensation of employees and consumption of fixed capital of general government agencies.

The I-O system also includes a special industry for the inventory valuation adjustment (I-O 85), which is an adjustment needed to eliminate inventory profits or losses from the change in the inventory component of output.

Activity-based industries are necessary for agriculture, construction, and real estate. Agriculture industries are classified by commodity, such as dairy farm products, because source data on the production of agriculture commodities by establishment, such as data on the production of milk products by dairy farms, are not available.

Construction is classified by type of activity, such as the construction of new highways and streets, rather than by the type of construction contractor, such as heavy construction contractors who pave asphalt roads, partly because source data are not available, but more importantly, because construction is an atypical activity in that it is performed in almost all industries; most establishments perform maintenance and repairs, and some perform their own new construction. Therefore, this type of activity is referred to as force-account construction.

To adequately represent construction activities in the U.S. economy, the output associated with all construction activities performed by the nonconstruction industries is redefined to the construction industry. Similarly, the intermediate and value-added inputs for this work are moved to the construction industries.

The real estate industry includes all real estate rental receipts and all imputed rents for owner-occupied housing and for buildings and equipment owned and used by nonprofit institutions primarily serving households. Rental receipts are included in this industry because of a lack of data for individual industries. Imputed rents are included in the I-O accounts to make them consistent with the NIPA's.

The I-O commodity classification system.—In this system, each commodity is assigned the code of the industry in which the commodity is the primary product. This code is then used to group the production of the commodity in the industry in which it is the primary product with its production in other industries in which it is a secondary product. In a few cases, the I-O system reclassifies SIC-defined commodity groups, and a secondary product is created from an SIC-defined primary product. The output of the SIC-defined product is moved to the I-O-defined primary product group; therefore, the output represents the total output of the product, regardless of the classification of the establishments that produce it.

For example, in the SIC system, the primary product of the newspaper industry is defined as newspaper sales and newspaper advertising. In the I-O system, the primary product of the newspaper industry is newspaper sales. The advertising component is considered to be a secondary activity; therefore, advertising receipts or output are moved to the advertising commodity group. The total output for the I-O newspaper *industry* remains unchanged.

Reclassifications affected a small percentage of commodities, and for most of these commodities, the values were not very large. However, some commodities had significant reclassified sales. For example, the commodity "newspapers and periodicals" (I-O 26A) has $19.9 billion in total commodity output after $35.4 billion was moved to the advertising commodity (I-O 73D).

In several cases, there is no I-O commodity classification that corresponds to an industry classification. If a commodity is the primary product of more than one SIC industry, then the commodity is reclassified and given the I-O commodity number that corresponds to the I-O industry that is the largest producer of the commodity. As a result, the following detailed I-O commodities have no commodity output: Forest products (commodity 2.0701); knit outerwear mills (commodity 18.0201); knit underwear and nightwear mills (commodity 18.0202); knitting mills, n.e.c. (commodity 18.0203); fertilizers, mixing only (commodity 27.0202); cold-rolled

23. Establishments defined as government enterprises follow the same classification used in the NIPA's. For more information, see U.S. Department of Commerce, Bureau of Economic Analysis, *Government Transactions*, Methodology Paper Series MP-5 (Washington, DC: U.S. Government Printing Office, November 1988): 6.

Text continues on page 55.

Table C.—Input-Output Commodity Composition of Final Uses,

[Millions

Commodity number	Commodity description	Personal consumption expenditures				Gross private fixed investment				Change in business inventories				Exports of goods and services			
		Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices
1	Livestock and livestock products	3,709	101	1,290	5,100	...	...	...	...	857	1	–1	857	800	15	3	818
2	Other agricultural products	19,531	3,547	17,859	40,937	...	...	...	...	4,035	29	50	4,114	16,116	1,516	3,740	21,372
3	Forestry and fishery products	3,085	18	846	3,949	...	...	...	...	–45	...	–1	–46	2,880	36	317	3,233
4	Agricultural, forestry, and fishery services	729	...	...	729	...	...	...	...	...	...	...	...	61	...	...	61
5+6	Metallic ores mining	...	...	...	...	50	20	1	71	–24	–1	3	–22	1,104	53	16	1,173
7	Coal mining	68	28	69	165	...	...	...	...	–3	8	4	9	3,122	1,095	88	4,305
8	Crude petroleum and natural gas	...	...	...	...	23	...	...	23	–105	17	4	–84	3,290	294	66	3,650
9+10	Nonmetallic minerals mining	39	47	23	109	...	...	...	...	25	–28	–3	–6	686	494	6	1,186
11	New construction	...	...	...	...	339,916	...	...	339,916	...	...	...	...	...	...	...	...
12	Maintenance and repair construction	...	...	...	...	20,362	...	...	20,362	...	...	...	...	77	...	...	77
13	Ordnance and accessories	1,473	6	1,023	2,502	29	...	...	29	–1,855	...	–3	–1,858	3,592	23	43	3,658
14	Food and kindred products	248,010	6,759	133,135	387,904	...	...	...	...	150	39	–71	118	19,630	841	1,791	22,262
15	Tobacco products	30,395	181	17,432	48,008	...	...	...	...	2,137	12	126	2,275	5,874	25	275	6,174
16	Broad and narrow fabrics, yarn and thread mills	1,683	39	2,403	4,125	...	...	...	...	477	18	40	535	2,359	30	169	2,558
17	Miscellaneous textile goods and floor coverings	5,578	242	5,150	10,970	2,343	107	895	3,345	19	6	12	37	1,724	66	172	1,962
18	Apparel	80,934	627	86,794	168,355	...	...	...	...	3,897	40	494	4,431	4,065	8	498	4,571
19	Miscellaneous fabricated textile products	11,189	99	9,872	21,160	...	...	...	...	470	2	56	528	810	4	87	901
20+21	Lumber and wood products	2,529	67	2,559	5,155	4,661	...	1,340	6,001	663	111	171	945	5,965	467	749	7,181
22+23	Furniture and fixtures	21,623	163	19,848	41,634	16,091	182	3,930	20,203	185	4	13	202	2,633	19	286	2,938
24	Paper and allied products, except containers	14,921	389	7,314	22,624	...	...	...	...	771	65	87	923	8,567	710	635	9,912
25	Paperboard containers and boxes	381	...	262	643	...	...	...	...	277	18	40	335	691	32	47	770
26A	Newspapers and periodicals	14,339	653	6,018	21,010	...	...	...	...	–62	3	...	–59	653	39	94	786
26B	Other printing and publishing	15,282	790	13,733	29,805	...	...	...	...	753	45	135	933	2,984	57	349	3,390
27A	Industrial and other chemicals	2,154	311	1,724	4,189	1,957	...	...	1,957	729	60	45	834	17,292	1,233	1,060	19,585
27B	Agricultural fertilizers and chemicals	920	48	690	1,658	...	...	...	...	–153	–7	–34	–194	3,341	105	886	4,332
28	Plastics and synthetic materials	...	...	...	...	...	...	...	...	239	22	8	269	8,477	993	357	9,827
29A	Drugs	43,864	242	25,022	69,128	...	...	...	...	1,292	10	115	1,417	7,272	22	1,016	8,310
29B	Cleaning and toilet preparations	30,098	1,167	19,323	50,588	...	...	...	...	186	27	71	284	2,591	73	300	2,964
30	Paints and allied products	480	32	226	738	...	...	...	...	42	5	9	56	745	43	106	894
31	Petroleum refining and related products	53,355	3,105	59,579	116,039	...	...	...	...	46	24	26	96	9,084	555	858	10,497
32	Rubber and miscellaneous plastics products	15,051	2,754	18,831	36,636	215	10	52	277	995	139	202	1,336	6,905	553	1,146	8,604
33+34	Footwear, leather, and leather products	16,491	135	17,686	34,312	...	...	...	...	331	2	53	386	1,464	24	103	1,591
35	Glass and glass products	979	43	1,158	2,180	...	...	...	...	185	10	23	218	1,544	46	225	1,815
36	Stone and clay products	2,570	104	3,002	5,676	...	...	...	...	–196	–11	6	–201	1,713	160	158	2,031
37	Primary iron and steel manufacturing	36	7	36	79	16	...	...	16	–339	16	15	–308	3,505	134	394	4,033
38	Primary nonferrous metals manufacturing	71	3	53	127	52	1	8	61	–392	20	7	–365	6,379	118	775	7,272
39	Metal containers	...	...	...	...	38	1	3	42	10	...	...	10	341	7	25	373
40	Heating, plumbing, and fabricated structural metal products	326	12	229	567	3,612	26	387	4,025	–110	–3	6	–107	2,061	19	203	2,283
41	Screw machine products and stampings	1,345	16	1,509	2,870	...	...	...	...	217	5	49	271	2,171	28	269	2,468
42	Other fabricated metal products	4,266	136	3,979	8,381	2,415	108	434	2,957	67	14	40	121	4,849	161	794	5,804
43	Engines and turbines	169	3	45	217	3,271	48	75	3,394	–184	1	–6	–189	5,419	80	292	5,791
44+45	Farm, construction, and mining machinery	400	7	510	917	17,803	915	6,709	25,427	277	34	158	469	9,002	631	2,356	11,989
46	Materials handling machinery and equipment	...	...	...	...	5,743	184	1,298	7,225	–41	–1	–12	–54	1,302	41	287	1,630
47	Metalworking machinery and equipment	687	4	960	1,651	17,652	338	2,629	20,619	18	8	9	35	3,686	51	444	4,181
48	Special industry machinery and equipment	237	2	227	466	16,820	332	2,433	19,585	–106	...	–4	–110	4,510	63	574	5,147
49	General industrial machinery and equipment	...	...	...	...	11,300	156	1,221	12,677	–80	2	–8	–86	7,834	107	873	8,814
50	Miscellaneous machinery, except electrical	136	7	109	252	700	15	91	806	–59	11	–6	–54	1,962	97	221	2,280
51	Computer and office equipment	5,368	64	3,838	9,270	36,169	441	8,331	44,941	–1,241	–1	–77	–1,319	22,925	239	3,696	26,860
52	Service industry machinery	910	16	684	1,610	7,376	112	1,878	9,366	165	1	40	206	3,320	44	629	3,993
53	Electrical industrial equipment and apparatus	200	3	189	392	6,826	187	1,078	8,091	77	12	31	120	4,083	52	663	4,798
54	Household appliances	13,100	623	7,869	21,592	2,668	121	1,475	4,264	–96	25	4	–67	2,329	95	214	2,638
55	Electric lighting and wiring equipment	2,023	99	2,624	4,746	283	7	66	356	141	19	84	244	2,839	74	500	3,413
56	Audio, video, and communication equipment	21,682	301	14,852	36,835	24,513	176	3,122	27,811	374	22	49	445	9,551	90	1,062	10,703
57	Electronic components and accessories	216	...	114	330	...	...	...	...	–51	2	12	–37	16,150	120	2,075	18,345
58	Miscellaneous electrical machinery and supplies	6,298	332	5,859	12,489	2,058	42	397	2,497	–149	12	14	–123	5,702	129	1,058	6,889
59A	Motor vehicles—passenger cars and trucks	105,552	2,844	18,294	126,690	75,132	2,028	8,916	86,076	1,114	30	45	1,189	16,336	423	568	17,327
59B	Truck and bus bodies, trailers, and motor vehicles parts	4,277	132	3,318	7,727	4,981	65	361	5,407	–220	–3	–4	–227	16,995	483	1,725	19,203
60	Aircraft and parts	465	1	57	523	13,676	33	90	13,799	–8,011	–19	–30	–8,060	40,656	279	435	41,370
61	Other transportation equipment	11,958	86	4,277	16,321	4,741	90	358	5,189	–298	4	7	–287	3,354	23	109	3,486
62	Scientific and controlling instruments	5,479	33	5,047	10,559	43,637	258	5,651	49,546	–228	6	114	–108	17,864	67	2,120	20,051
63	Ophthalmic and photographic equipment	6,240	37	9,019	15,296	6,915	53	3,113	10,081	368	7	156	531	3,453	13	1,134	4,600
64	Miscellaneous manufacturing	36,410	754	43,551	80,715	5,365	596	1,673	7,634	765	34	189	988	4,427	137	1,182	5,746
65A	Railroads and related services; passenger ground transportation	16,447	...	...	16,447	...	...	...	...	...	...	...	...	633	...	...	633
65B	Motor freight transportation and warehousing	6,238	...	...	6,238	...	...	...	...	...	...	...	...	1,981	...	...	1,981
65C	Water transportation	4,975	...	...	4,975	...	...	...	...	...	...	...	...	9,182	...	...	9,182
65D	Air transportation	33,929	...	...	33,929	...	...	...	...	...	...	...	...	21,745	...	...	21,745
65E	Pipelines, freight forwarders, and related services	2,814	...	...	2,814	...	...	...	...	...	...	...	...	2,528	...	...	2,528
66	Communications, except radio and TV	90,397	...	...	90,397	5,065	...	...	5,065	...	...	...	...	3,596	...	...	3,596
67	Radio and TV broadcasting	1,839	...	...	1,839	...	...	...	...	...	...	...	...	...	...	...	...
68A	Electric services (utilities)	79,337	...	...	79,337	...	...	...	...	...	...	...	...	267	...	...	267
68B	Gas production and distribution (utilities)	29,537	...	...	29,537	...	...	...	...	...	...	...	...	337	...	...	337
68C	Water and sanitary services	20,464	...	...	20,464	...	...	...	...	...	...	...	...	65	...	...	65
69A	Wholesale trade	...	...	...	...	...	...	...	...	...	...	...	...	2,812	...	...	2,812
69B	Retail trade	313	...	3	316	...	...	...	...	...	...	...	...	20	...	...	20
70A	Finance	198,007	...	...	198,007	...	...	...	...	...	...	...	...	17,142	...	...	17,142
70B	Insurance	138,181	...	...	138,181	...	...	...	...	...	...	...	...	1,685	...	...	1,685
71A	Owner-occupied dwellings	457,250	...	...	457,250	...	...	...	...	...	...	...	...	...	...	...	...
71B	Real estate and royalties	166,640	...	1,994	168,634	28,407	...	...	28,407	...	...	...	...	20,683	...	...	20,683
72A	Hotels and lodging places	29,881	...	...	29,881	...	...	...	...	...	...	...	...	48	...	...	48
72B	Personal and repair services—except auto	65,602	...	8	65,610	...	...	...	...	...	...	...	...	42	...	...	42
73A	Computer and data processing services	2,444	2	825	3,271	3,441	...	...	3,441	–41	...	–2	–43	3,092	...	...	3,092
73B	Legal, engineering, accounting, and related services	45,781	...	...	45,781	15,785	...	...	15,785	...	...	...	...	5,013	...	...	5,013
73C	Other business and professional services, except medical	20,917	...	814	21,731	...	...	...	...	...	...	...	...	5,677	...	...	5,677
73D	Advertising	676	...	...	676	...	...	...	...	...	...	...	...	531	...	...	531
74	Eating and drinking places	242,151	...	...	242,151	...	...	...	...	...	...	...	...	328	...	...	328
75	Automotive repair and services	90,099	...	165	90,264	...	...	...	...	4	...	2	6	34	...	...	34
76	Amusements	78,466	1	1,552	80,019	...	...	...	...	...	...	...	...	4,289	...	...	4,289
77A	Health services	611,328	...	...	611,328	...	...	...	...	...	...	...	...	26	...	...	26
77B	Educational and social services, and membership organizations	225,749	...	...	225,749	...	...	...	...	...	...	...	...	450	...	...	450
78	Federal Government enterprises	6,881	...	...	6,881	...	...	...	...	...	...	...	...	188	...	...	188
79	State and local government enterprises	22,489	...	...	22,489	...	...	...	...	...	...	...	...	...	...	...	...
80	Noncomparable imports	33,009	...	...	33,009	...	...	...	...	...	...	...	...	...	...	...	...
81	Scrap, used and secondhand goods	17,187	–29	24,099	41,257	–30,293	...	4,510	–25,783	1,529	28	96	1,653	5,872	552	1,591	8,015
82	General government industry	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
83	Rest of the world adjustment to final uses	–66,481	...	...	–66,481	...	...	...	...	...	...	...	...	67,325	...	...	67,325
84	Household industry	10,087	...	...	10,087	...	...	...	...	...	...	...	...	...	...	...	...
85	Inventory valuation adjustment	...	...	...	...	...	...	...	...	–7,982	...	...	–7,982	...	...	...	...
T	**Total**	**3,551,945**	**27,193**	**629,580**	**4,208,718**	**721,814**	**6,652**	**62,525**	**790,991**	**1,816**	**956**	**2,658**	**5,430**	**546,707**	**13,988**	**41,914**	**602,609**

in Producers' and Purchasers' Prices, 1992 I-O Accounts

of dollars]

Imports of goods and services				Federal Government consumption expenditures and gross investment, national defense				Federal Government consumption expenditures and gross investment, nondefense				State and local government consumption expenditures and gross investment, education				State and local government consumption expenditures and gross investment, other				
Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	Commodity number
–2,061	...	...	–2,061	2	...	...	2	5	...	...	5	40	...	...	40	154	...	16	170	1
–6,860	...	...	–6,860	...	...	...	...	–358	–28	3	–383	297	73	70	440	643	95	92	830	2
–5,659	...	...	–5,659	–1	...	...	–1	–1,168	...	...	–1,168	9	...	1	10	–516	...	1	–515	3
–21	...	...	–21	19	...	...	19	20	...	...	20	377	...	...	377	1,310	...	...	1,310	4
1,488	...	...	1,488	–148	–17	–5	–170	1	...	...	1	...	...	...	...	...	...	...	...	5+6
–133	...	...	–133	1	...	...	1	28	12	1	41	28	4	...	32	20	1	...	21	7
–43,984	...	...	–43,984	...	...	...	...	–202	–40	–10	–252	...	...	...	...	...	...	...	...	8
–898	...	...	–898	–3	–4	...	–7	5	4	...	9	...	...	...	...	58	161	–2	217	9+10
...	...	...	...	5,234	...	...	5,234	10,569	...	...	10,569	20,251	...	...	20,251	80,809	...	...	80,809	11
...	...	...	...	6,649	...	...	6,649	3,780	...	...	3,780	6,802	...	...	6,802	25,263	...	...	25,263	12
–809	...	...	–809	16,479	51	52	16,582	2,698	...	...	2,698	...	...	...	...	145	1	7	153	13
–21,850	...	...	–21,850	269	3	29	301	195	7	29	231	4,061	89	515	4,665	4,593	108	1,053	5,754	14
–1,587	...	...	–1,587	...	...	...	...	...	...	...	...	–1	...	...	–1	–19	–1	–1	–21	15
–4,397	...	...	–4,397	51	...	7	58	12	...	...	12	73	1	5	79	143	2	9	154	16
–1,879	...	...	–1,879	3	...	...	3	46	1	4	51	18	...	1	19	57	1	11	69	17
–38,484	...	...	–38,484	505	4	73	582	1	...	...	1	6	...	1	7	1,085	7	154	1,246	18
–2,870	...	...	–2,870	150	4	18	172	56	...	6	62	67	...	6	73	379	3	46	428	19
–7,143	...	...	–7,143	14	...	...	14	17	...	...	17	75	6	17	98	101	2	9	112	20+21
–6,026	...	...	–6,026	10	...	1	11	188	...	34	222	1,601	8	329	1,938	1,065	2	340	1,407	22+23
–10,715	...	...	–10,715	98	1	10	109	601	16	47	664	1,654	113	177	1,944	1,606	89	161	1,856	24
–247	...	...	–247	40	...	2	42	51	1	3	55	39	2	2	43	159	8	13	180	25
–199	...	...	–199	12	...	1	13	99	5	9	113	406	23	53	482	246	8	24	278	26A
–1,783	...	...	–1,783	290	2	16	308	706	27	82	815	4,346	146	502	4,994	2,124	27	172	2,323	26B
–14,375	...	...	–14,375	3,109	88	35	3,232	1,159	32	26	1,217	826	45	50	921	2,711	180	185	3,076	27A
–2,330	...	...	–2,330	8	...	1	9	19	...	2	21	146	5	50	201	354	16	96	466	27B
–3,827	...	...	–3,827	11	1	...	12	6	...	...	6	1	...	...	1	1	...	...	1	28
–13,193	...	...	–13,193	365	2	58	425	165	...	6	171	119	...	18	137	4,817	28	760	5,605	29A
–2,052	...	...	–2,052	126	2	17	145	54	4	16	74	136	9	38	183	592	28	101	721	29B
–200	...	...	–200	...	...	...	...	6	...	1	7	296	19	47	362	116	7	18	141	30
–11,582	...	...	–11,582	2,771	137	287	3,195	338	14	29	381	5,385	240	506	6,131	6,683	309	625	7,617	31
–13,253	...	...	–13,253	423	62	77	562	202	15	39	256	110	19	18	147	1,802	125	349	2,276	32
–12,824	...	...	–12,824	41	1	6	48	4	...	...	4	...	...	...	...	160	3	9	172	33+34
–2,159	...	...	–2,159	16	...	1	17	151	...	1	152	73	1	7	81	309	3	34	346	35
–4,551	...	...	–4,551	30	4	3	37	64	2	12	78	80	2	9	91	100	5	12	117	36
–10,893	...	...	–10,893	221	22	8	251	9	1	...	10	7	2	1	10	80	9	9	98	37
–10,228	...	...	–10,228	84	1	5	90	158	1	15	174	5	1	...	6	73	30	4	107	38
–201	...	...	–201	15	...	1	16	...	...	...	...	5	...	...	5	5	...	...	5	39
–1,008	...	...	–1,008	342	11	9	362	335	3	23	361	...	...	...	...	11	...	1	12	40
–2,628	...	...	–2,628	122	1	32	155	71	...	5	76	39	...	4	43	87	...	11	98	41
–8,510	...	...	–8,510	426	8	72	506	208	12	31	251	452	29	75	556	1,039	53	176	1,268	42
–2,413	...	...	–2,413	677	8	11	696	287	4	3	294	96	...	9	105	294	2	14	310	43
–4,754	...	...	–4,754	473	28	101	602	33	1	5	39	86	3	28	117	1,577	94	342	2,013	44+45
–1,468	...	...	–1,468	50	2	17	69	15	...	4	19	9	...	3	12	6	...	1	7	46
–5,127	...	...	–5,127	24	1	2	27	40	...	...	40	222	5	36	263	178	3	20	201	47
–5,881	...	...	–5,881	23	...	4	27	135	...	1	136	249	2	38	289	7	...	1	8	48
–7,796	...	...	–7,796	244	4	35	283	48	...	2	50	147	1	7	155	338	3	37	378	49
–1,895	...	...	–1,895	584	25	21	630	267	14	17	298	170	10	9	189	92	3	3	98	50
–32,687	...	...	–32,687	1,185	13	179	1,377	1,679	9	189	1,877	1,969	17	501	2,487	1,962	12	433	2,407	51
–2,243	...	...	–2,243	100	1	10	111	57	1	12	70	698	8	172	878	479	3	112	594	52
–5,295	...	...	–5,295	502	3	52	557	300	4	66	370	257	4	30	291	449	11	91	551	53
–4,072	...	...	–4,072	31	...	1	32	9	...	...	9	136	4	10	150	70	...	6	76	54
–4,985	...	...	–4,985	227	1	8	236	112	2	39	153	393	7	146	546	331	3	105	439	55
–25,409	...	...	–25,409	5,904	16	107	6,027	1,628	7	62	1,697	314	1	24	339	407	...	24	431	56
–20,574	...	...	–20,574	1,660	...	77	1,737	260	...	11	271	81	...	6	87	156	...	7	163	57
–8,062	...	...	–8,062	1,196	18	165	1,379	251	...	20	271	283	4	64	351	151	2	25	178	58
–58,285	...	...	–58,285	1,579	43	58	1,680	525	14	18	557	1,364	36	48	1,448	4,523	113	162	4,798	59A
–21,743	...	...	–21,743	417	8	20	445	422	4	2	428	669	16	69	754	1,001	20	106	1,127	59B
–12,153	...	...	–12,153	35,971	170	205	36,346	1,575	4	3	1,582	...	...	...	...	45	...	...	45	60
–2,693	...	...	–2,693	8,638	26	41	8,705	203	...	1	204	218	8	16	242	694	10	13	717	61
–14,773	...	...	–14,773	21,840	114	1,096	23,050	4,293	12	279	4,584	561	1	54	616	3,702	14	392	4,108	62
–8,153	...	...	–8,153	1,258	3	172	1,433	77	...	16	93	1,102	8	403	1,513	1,896	9	718	2,623	63
–23,335	...	...	–23,335	149	14	52	215	–127	3	–44	–168	1,271	73	425	1,769	999	25	300	1,324	64
–164	...	...	–164	576	...	...	576	235	...	...	235	3,578	...	...	3,578	365	...	...	365	65A
–2,059	...	...	–2,059	3,892	...	...	3,892	869	...	...	869	193	...	...	193	300	...	...	300	65B
3,530	...	...	3,530	1,479	...	...	1,479	91	...	...	91	...	...	...	...	224	...	...	224	65C
–8,544	...	...	–8,544	2,442	...	...	2,442	577	...	...	577	871	...	...	871	2,016	...	...	2,016	65D
...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	3	102	...	...	102	65E
...	...	...	...	1,471	...	...	1,471	1,848	...	...	1,848	3,585	...	...	3,585	4,905	...	...	4,905	66
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	67
–695	...	...	–695	1,949	...	...	1,949	502	...	...	502	5,534	...	...	5,534	9,933	...	...	9,933	68A
...	...	...	...	346	...	...	346	152	...	...	152	2,023	...	...	2,023	1,622	...	...	1,622	68B
...	...	...	...	495	...	...	495	541	...	...	541	1,395	...	...	1,395	253	...	...	253	68C
18,317	...	...	18,317	...	...	...	...	15	...	...	15	...	...	...	...	...	...	...	...	69A
...	...	...	...	...	...	...	...	2	...	...	2	...	...	...	...	...	...	...	...	69B
–265	...	...	–265	...	...	...	...	1,030	...	...	1,030	...	...	...	...	11,106	...	...	11,106	70A
–1,136	...	...	–1,136	17	...	...	17	2,280	...	...	2,280	351	...	...	351	181	...	...	181	70B
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	71A
–11	...	...	–11	512	...	...	512	3,179	...	...	3,179	806	...	...	806	9,226	...	...	9,226	71B
...	...	...	...	967	...	...	967	149	...	...	149	–2,697	...	...	–2,697	3,328	...	...	3,328	72A
...	...	...	...	51	...	...	51	18	...	...	18	1,060	...	...	1,060	1,664	...	...	1,664	72B
–225	...	...	–225	7,913	...	60	7,973	8,806	...	24	8,830	2,003	...	17	2,020	6,876	...	71	6,947	73A
–839	...	...	–839	3,126	...	...	3,126	607	...	...	607	1,908	...	...	1,908	2,080	...	...	2,080	73B
–1,632	...	...	–1,632	14,210	...	...	14,210	7,034	...	...	7,034	5,595	...	...	5,595	9,534	...	...	9,534	73C
–615	...	...	–615	55	...	...	55	12	...	...	12	621	...	...	621	886	...	...	886	73D
...	...	...	...	505	...	...	505	725	...	...	725	–6,291	...	...	–6,291	3,216	...	...	3,216	74
–6	...	...	–6	431	...	...	431	65	...	...	65	1,094	...	...	1,094	2,614	...	...	2,614	75
–248	...	...	–248	548	...	...	548	25	...	...	25	224	...	...	224	–2,294	...	...	–2,294	76
–13	...	...	–13	9	...	...	9	1,672	...	...	1,672	–17	...	...	–17	–61,882	...	...	–61,882	77A
–449	...	...	–449	390	...	...	390	9,137	...	...	9,137	–27,527	...	...	–27,527	3,542	...	...	3,542	77B
...	...	...	...	1,080	...	...	1,080	–22	...	...	–22	182	...	...	182	2,443	...	...	2,443	78
...	...	...	...	165	...	...	165	40	...	...	40	225	...	...	225	433	...	...	433	79
–90,036	...	...	–90,036	9,906	...	...	9,906	2,157	...	...	2,157	...	...	...	...	...	...	...	...	80
–2,746	...	...	–2,746	951	...	...	951	–283	...	–2	–285	768	...	...	768	2,043	...	–6	2,037	81
...	...	...	...	196,793	...	...	196,793	76,534	...	...	76,534	257,127	...	...	257,127	233,935	...	...	233,935	82
–74	...	...	–74	...	...	...	...	–770	...	...	–770	...	...	...	...	...	...	...	...	83
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	84
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	85
–631,637	...	...	**–631,637**	**370,795**	**882**	**3,310**	**374,987**	**149,615**	**168**	**1,142**	**150,925**	**310,738**	**1,045**	**4,617**	**316,400**	**406,373**	**1,637**	**7,472**	**415,482**	T

Table D.—Input-Output Commodity Composition of NIPA Personal Consumption Expenditure Categories, in Producers' and Purchasers' Prices, 1992 I-O Accounts

[Millions of dollars]

NIPA category [1]	NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices
3	**Food purchased for off-premise consumption (n.d.):**				
	Total	259,465	9,661	144,583	413,709
	1 Livestock and livestock products	1,866	21	615	2,502
	2 Other agricultural products	14,987	2,972	10,929	28,888
	3 Forestry and fishery products	867	17	389	1,273
	9+10 Nonmetallic minerals mining	6	8	4	18
	14 Food and kindred products	241,859	6,605	132,382	380,846
	27A Industrial and other chemicals	599	38	264	901
	69B Retail trade	2	.....	.....	2
	81 Scrap, used and secondhand goods	–721	.....	.....	–721
4	**Purchased meals and beverages (n.d.):**				
	Total	245,963	.....	.....	245,963
	65A Railroads and related services; passenger ground transportation	60	.....	.....	60
	65D Air transportation	24	.....	.....	24
	74 Eating and drinking places	242,151	.....	.....	242,151
	76 Amusements	3,633	.....	.....	3,633
	77B Educational and social services, and membership organizations	95	.....	.....	95
5	**Food furnished to employees (including military) (n.d.):**				
	Total	6,091	193	802	7,086
	1 Livestock and livestock products	127	1	.....	128
	2 Other agricultural products	180	38	47	265
	3 Forestry and fishery products	19	.....	2	21
	14 Food and kindred products	5,765	154	753	6,672
6	**Food produced and consumed on farms (n.d.):**				
	Total	590	.....	.....	590
	1 Livestock and livestock products	88	.....	.....	88
	2 Other agricultural products	116	.....	.....	116
	14 Food and kindred products	386	.....	.....	386
7	**Tobacco products (n.d.):**				
	Total	30,395	181	17,432	48,008
	15 Tobacco products	30,395	181	17432	48,008
12	**Shoes and other footwear (n.d.):**				
	Total	14,926	121	17,856	32,903
	32 Rubber and miscellaneous plastics products	3,749	67	4,560	8,376
	33+34 Footwear, leather, and leather products	11,177	54	13,255	24,486
	81 Scrap, used and secondhand goods	.....	.....	41	41
14	**Women's and children's clothing and accessories, except shoes (n.d.):**				
	Total	57,151	540	65,715	123,406
	16 Broad and narrow fabrics, yarn and thread mills	1,344	30	2,047	3,421
	18 Apparel	48,207	363	57,057	105,627
	19 Miscellaneous fabricated textile products	201	2	187	390
	24 Paper and allied products, except containers	3,349	37	1,615	5,001
	26B Other printing and publishing	208	37	396	641
	32 Rubber and miscellaneous plastics products	24	2	39	65
	33+34 Footwear, leather, and leather products	3,663	45	3,201	6,909
	64 Miscellaneous manufacturing	274	24	460	758
	69B Retail trade	88	.....	2	90
	72B Personal and repair services (except auto)	25	.....	.....	25
	81 Scrap, used and secondhand goods	–232	.....	711	479
15	**Men's and boys' clothing and accessories, except shoes (n.d.):**				
	Total	33,851	296	31,128	65,275
	16 Broad and narrow fabrics, yarn and thread mills	131	2	191	324
	18 Apparel	32,557	264	29,714	62,535
	32 Rubber and miscellaneous plastics products	17	1	19	37
	33+34 Footwear, leather, and leather products	1,150	17	834	2,001
	64 Miscellaneous manufacturing	110	12	148	270
	69B Retail trade	43	.....	.....	43
	72B Personal and repair services (except auto)	38	.....	.....	38
	81 Scrap, used and secondhand goods	–195	.....	222	27
16	**Standard clothing issued to military personnel (n.d.):**				
	Total	218	.....	26	244
	18 Apparel	170	.....	23	193
	19 Miscellaneous fabricated textile products	8	.....	.....	8
	33+34 Footwear, leather, and leather products	40	.....	3	43
17	**Cleaning, storage, and repair of clothing and shoes (s.):**				
	Total	11,365	.....	.....	11,365
	72A Hotels and lodging places	222	.....	.....	222
	72B Personal and repair services (except auto)	11,143	.....	.....	11,143
18	**Jewelry and watches (d.):**				
	Total	13,153	58	18,434	31,645
	62 Scientific and controlling instruments	1,611	17	2,094	3,722
	64 Miscellaneous manufacturing	12,312	41	15,704	28,057
	81 Scrap, used and secondhand goods	–770	.....	636	–134
19	**Other misc. personal, clothing and jewelry services (s.):**				
	Total	16,042	.....	.....	16,042
	72B Personal and repair services (except auto)	16,022	.....	.....	16,022
	73C Other business and professional services, except medical	20	.....	.....	20
21	**Toilet articles and preparations (n.d.):**				
	Total	21,996	613	15,294	37,903
	19 Miscellaneous fabricated textile products	89	.....	56	145
	29B Cleaning and toilet preparations	19,370	410	13,313	33,093
	32 Rubber and miscellaneous plastics products	45	2	43	90
	42 Other fabricated metal products	843	32	577	1,452
	54 Household appliances	648	33	316	997
	58 Miscellaneous electrical machinery and supplies	511	68	504	1,083
	64 Miscellaneous manufacturing	490	68	485	1,043
22	**Barbershops, beauty parlors, and health clubs (s.):**				
	Total	20,065	.....	.....	20,065
	72A Hotels and lodging places	1,114	.....	.....	1,114
	72B Personal and repair services (except auto)	15,601	.....	.....	15,601
	76 Amusements	3,350	.....	.....	3,350
24	**Owner-occupied nonfarm dwellings-space rent (s.):**				
	Total	451,983	.....	.....	451,983
	71A Owner-occupied dwellings	451,983	.....	.....	451,983
25	**Tenant-occupied nonfarm dwellings-rent (s.):**				
	Total	160,733	.....	.....	160,733
	71B Real estate and royalties	160,733	.....	.....	160,733
26	**Rental value of farm dwellings (s.):**				
	Total	5,349	.....	.....	5,349
	71A Owner-occupied dwellings	5,267	.....	.....	5,267
	71B Real estate and royalties	82	.....	.....	82
27	**Other housing (s.):**				
	Total	24,509	.....	.....	24,509
	72A Hotels and lodging places	24,509	.....	.....	24,509
29	**Furniture, including mattresses and bedsprings (d.):**				
	Total	20,041	122	18,794	38,957
	22+23 Furniture and fixtures	19,943	122	18,235	38,300
	81 Scrap, used and secondhand goods	98	.....	559	657
30	**Kitchen and other household appliances (d.):**				
	Total	14,508	626	9,153	24,287
	38 Primary nonferrous metals manufacturing	61	1	41	103
	40 Heating, plumbing, and fabricated structural metal products	302	12	207	521
	52 Service industry machinery	742	13	530	1,285
	54 Household appliances	12,342	584	7,474	20,400
	58 Miscellaneous electrical machinery and supplies	1,020	16	757	1,793
	81 Scrap, used and secondhand goods	41	.....	144	185
31	**China, glassware, tableware, and utensils (d.):**				
	Total	8,156	227	11,194	19,577
	20+21 Lumber and wood products	595	14	768	1,377
	32 Rubber and miscellaneous plastics products	3,667	110	5,618	9,395
	35 Glass and glass products	424	22	591	1,037
	36 Stone and clay products	747	16	852	1,615
	38 Primary nonferrous metals manufacturing	10	2	12	24
	41 Screw machine products and stampings	1,228	13	1,310	2,551
	42 Other fabricated metal products	857	50	1,107	2,014
	64 Miscellaneous manufacturing	573	.....	710	1283
	69B Retail trade	44	.....	.....	44
	81 Scrap, used and secondhand goods	11	.....	226	237
32	**Other durable house furnishings (d.):**				
	Total	18,088	599	20,106	38,793
	17 Miscellaneous textile goods and floor coverings	5,143	237	4,850	10,230
	19 Miscellaneous fabricated textile products	454	4	432	890
	20+21 Lumber and wood products	1,554	45	1,451	3,050
	22+23 Furniture and fixtures	1,680	41	1,613	3,334
	26B Other printing and publishing	41	.....	35	76

Table D.—Input-Output Commodity Composition of NIPA Personal Consumption Expenditure Categories, in Producers' and Purchasers' Prices, 1992 I-O Accounts—Continued

[Millions of dollars]

NIPA category [1]	NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices
	32 Rubber and miscellaneous plastics products	222	9	258	489
	33+34 Footwear, leather, and leather products	125	6	119	250
	35 Glass and glass products	414	20	423	857
	36 Stone and clay products	1,143	27	1,043	2,213
	40 Heating, plumbing, and fabricated structural metal products	24	.....	22	46
	42 Other fabricated metal products	1,548	40	1,733	3,321
	44+45 Farm, construction, and mining machinery	400	7	510	917
	47 Metalworking machinery and equipment	687	4	960	1,651
	48 Special industry machinery and equipment	237	2	227	466
	50 Miscellaneous machinery, except electrical	110	2	90	202
	51 Computer and office equipment	268	4	226	498
	53 Electrical industrial equipment and apparatus	102	1	90	193
	55 Electric lighting and wiring equipment	932	76	1,136	2,144
	56 Audio, video, and communication equipment	1,119	10	1,132	2,261
	61 Other transportation equipment	79	3	71	153
	62 Scientific and controlling instruments	408	3	430	841
	64 Miscellaneous manufacturing	1,207	58	1,668	2,933
	69B Retail trade	113	.....	.....	113
	81 Scrap, used and secondhand goods	78	.....	1,587	1,665
33	**Semidurable house furnishings (n.d.):**				
	Total	12,918	318	12,336	25,572
	16 Broad and narrow fabrics, yarn and thread mills	208	7	165	380
	17 Miscellaneous textile goods and floor coverings	243	2	192	437
	19 Miscellaneous fabricated textile products	9,783	86	8,709	18,578
	20+21 Lumber and wood products	275	6	244	525
	26B Other printing and publishing	118	.....	99	217
	32 Rubber and miscellaneous plastics products	653	24	650	1,327
	35 Glass and glass products	127	1	133	261
	37 Primary iron and steel manufacturing	36	7	36	79
	41 Screw machine products and stampings	117	3	199	319
	54 Household appliances	92	5	71	168
	64 Miscellaneous manufacturing	1,264	177	1,798	3,239
	69B Retail trade	2	.....	1	3
	81 Scrap, used and secondhand goods	.....	.....	39	39
34	**Cleaning and polishing preparations, and miscellaneous household supplies and paper products (n.d.):**				
	Total	25,213	1,367	14,480	41,060
	3 Forestry and fishery products	33	.....	8	41
	9+10 Nonmetallic minerals mining	33	39	19	91
	17 Miscellaneous textile goods and floor coverings	129	1	46	176
	24 Paper and allied products, except containers	8,946	303	4,060	13,309
	25 Paperboard containers and boxes	381	.....	262	643
	26B Other printing and publishing	12	.....	4	16
	27A Industrial and other chemicals	239	42	138	419
	27B Agricultural fertilizers and chemicals	920	48	690	1,658
	29B Cleaning and toilet preparations	10,728	757	6,010	17,495
	30 Paints and allied products	480	32	226	738
	32 Rubber and miscellaneous plastics products	322	15	133	470
	36 Stone and clay products	374	39	192	605
	42 Other fabricated metal products	551	2	193	746
	53 Electrical industrial equipment and apparatus	87	2	93	182
	55 Electric lighting and wiring equipment	939	22	1,357	2,318
	58 Miscellaneous electrical machinery and supplies	740	24	612	1,376
	64 Miscellaneous manufacturing	299	41	437	777
35	**Stationery and writing supplies (n.d.):**				
	Total	6,043	409	8,398	14,850
	24 Paper and allied products, except containers	601	14	597	1,212
	26B Other printing and publishing	4,312	271	5,960	10,543
	27A Industrial and other chemicals	573	120	717	1,410
	32 Rubber and miscellaneous plastics products	4	.....	7	11
	64 Miscellaneous manufacturing	550	4	1,109	1,663
	81 Scrap, used and secondhand goods	3	.....	8	11
37	**Electricity (s.):**				
	Total	79,337	.....	.....	79,337
	68A Electric services (utilities)	79,337	.....	.....	79,337
38	**Gas (s.):**				
	Total	29,537	.....	.....	29,537
	68B Gas production and distribution (utilities)	29,537	.....	.....	29,537
39	**Water and other sanitary services (s.):**				
	Total	30,293	.....	.....	30,293
	68C Water and sanitary services	20,426	.....	.....	20,426
	79 State and local government enterprises	9,867	.....	.....	9,867
40	**Fuel oil and coal (n.d.):**				
	Total	6,235	435	5,495	12,165
	7 Coal mining	68	28	69	165
	20+21 Lumber and wood products	105	2	96	203
	27A Industrial and other chemicals	345	39	276	660
	31 Petroleum refining and related products	5,679	366	5,054	11,099
	68C Water and sanitary services	38	.....	.....	38
41	**Telephone and telegraph (s.):**				
	Total	70,669	.....	.....	70,669
	66 Communications, except radio and TV	70,129	.....	.....	70,129
	72A Hotels and lodging places	540	.....	.....	540
42	**Domestic service (s.):**				
	Total	11,356	.....	.....	11,356
	73C Other business and professional services, except medical	1,269	.....	.....	1,269
	84 Household industry	10,087	.....	.....	10,087
43	**Other household operation (s.):**				
	Total	27,116	.....	.....	27,116
	65B Motor freight transportation and warehousing	6,065	.....	.....	6,065
	65C Water transportation	162	.....	.....	162
	65D Air transportation	33	.....	.....	33
	70B Insurance	–244	.....	.....	–244
	72B Personal and repair services (except auto)	5,477	.....	.....	5,477
	73C Other business and professional services, except medical	8,922	.....	.....	8,922
	78 Federal Government enterprises	6,690	.....	.....	6,690
	81 Scrap, used and secondhand goods	11	.....	.....	11
45	**Drug preparations and sundries (n.d.):**				
	Total	48,402	310	27,182	75,894
	19 Miscellaneous fabricated textile products	23	.....	12	35
	24 Paper and allied products, except containers	1,894	22	920	2,836
	27A Industrial and other chemicals	53	9	42	104
	29A Drugs	43,864	242	25,022	69,128
	31 Petroleum refining and related products	38	2	20	60
	32 Rubber and miscellaneous plastics products	517	27	372	916
	54 Household appliances	18	1	8	27
	55 Electric lighting and wiring equipment	7	.....	5	12
	62 Scientific and controlling instruments	1,988	7	781	2,776
46	**Ophthalmic products and orthopedic appliances (d.):**				
	Total	4,633	24	8,344	13,001
	58 Miscellaneous electrical machinery and supplies	167	5	241	413
	62 Scientific and controlling instruments	1,313	5	1,682	3,000
	63 Ophthalmic and photographic equipment	3,140	14	6,421	9,575
	81 Scrap, used and secondhand goods	13	.....	.....	13
47	**Physicians (s.):**				
	Total	166,429	.....	.....	166,429
	77A Health services	166,429	.....	.....	166,429
48	**Dentists (s.):**				
	Total	37,636	.....	.....	37,636
	77A Health services	37,636	.....	.....	37,636
49	**Other professional medical services (s.):**				
	Total	85,216	.....	.....	85,216
	65A Railroads and related services; passenger ground transportation	2,507	.....	.....	2,507
	73C Other business and professional services, except medical	1,042	.....	.....	1,042
	77A Health services	81,667	.....	.....	81,667
52	**Nonprofit hospitals (s.):**				
	Total	184,823	.....	.....	184,823
	77A Health services	184,823	.....	.....	184,823
53	**Proprietary hospitals (s.):**				
	Total	30,345	.....	.....	30,345
	77A Health services	30,345	.....	.....	30,345
54	**Government hospitals (s.):**				
	Total	55,154	.....	.....	55,154
	77A Health services	55,154	.....	.....	55,154

Table D.—Input-Output Commodity Composition of NIPA Personal Consumption Expenditure Categories, in Producers' and Purchasers' Prices, 1992
I-O Accounts—Continued

[Millions of dollars]

NIPA category [1]	NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices
55	**Nursing homes (s.):**				
	Total	50,166	.....	.....	50,166
	77A Health services	50,166	.....	.....	50,166
56	**Health insurance (s.):**				
	Total	43,224	.....	.....	43,224
	70B Insurance	43,224	.....	.....	43,224
61	**Brokerage charges and investment counseling (s.):**				
	Total	28,719	.....	.....	28,719
	70A Finance	28,719	.....	.....	28,719
62	**Bank service charges, trust services, and safe deposit box rental (s.):**				
	Total	30,934	.....	.....	30,934
	70A Finance	30,934	.....	.....	30,934
63	**Services furnished without payment by financial intermediaries except life insurance carriers and private noninsured pension plans (s.):**				
	Total	137,479	.....	.....	137,479
	70A Finance	137,479	.....	.....	137,479
64	**Expense of handling life insurance (s.):**				
	Total	69,380	.....	.....	69,380
	70B Insurance	69,380	.....	.....	69,380
65	**Legal services (s.):**				
	Total	44,864	.....	.....	44,864
	73B Legal, engineering, accounting, and related services	44,864	.....	.....	44,864
66	**Funeral and burial expenses (s.):**				
	Total	9,994	24	944	10,962
	36 Stone and clay products	306	22	915	1,243
	42 Other fabricated metal products	15	2	29	46
	65D Air transportation	120	.....	.....	120
	71B Real estate and royalties	2,625	.....	.....	2,625
	72B Personal and repair services (except auto)	6,928	.....	.....	6,928
67	**Other personal business (s.):**				
	Total	18,891	.....	.....	18,891
	66 Communications, except radio and TV	385	.....	.....	385
	70A Finance	875	.....	.....	875
	70B Insurance	91	.....	.....	91
	72B Personal and repair services (except auto)	1,971	.....	.....	1,971
	73B Legal, engineering, accounting, and related services	917	.....	.....	917
	73C Other business and professional services, except medical	2,747	.....	.....	2,747
	73D Advertising	676	.....	.....	676
	77B Educational and social services, and membership organizations	10,922	.....	.....	10,922
	78 Federal Government enterprises	191	.....	.....	191
	80 Noncomparable imports	116	.....	.....	116
70	**New autos (d.):**				
	Total	64,878	1,748	11,390	78,016
	59A Motor vehicles (passenger cars and trucks)	64,878	1,748	11,390	78,016
71	**Net purchases of used autos (d.):**				
	Total	17,223	.....	13,954	31,177
	81 Scrap, used and secondhand goods	17,223	.....	13,954	31,177
72	**Other motor vehicles (d.):**				
	Total	47,383	1,112	12,028	60,523
	59A Motor vehicles (passenger cars and trucks)	40,674	1,096	6,904	48,674
	61 Other transportation equipment	4,747	16	1,333	6,096
	81 Scrap, used and secondhand goods	1,962	.....	3,791	5,753
73	**Tires, tubes, accessories, and other parts (d.):**				
	Total	13,063	2,756	14,704	30,523
	19 Miscellaneous fabricated textile products	6	.....	5	11
	32 Rubber and miscellaneous plastics products	5,580	2,443	6,866	14,889
	35 Glass and glass products	14	.....	11	25
	42 Other fabricated metal products	96	.....	77	173
	50 Miscellaneous machinery, except electrical	26	5	19	50
	52 Service industry machinery	168	3	154	325
	55 Electric lighting and wiring equipment	92	.....	74	166
	56 Audio, video, and communication equipment	920	9	812	1,741
	57 Electronic components and accessories	5	.....	3	8
	58 Miscellaneous electrical machinery and supplies	2,436	193	2,823	5,452
	59B Truck and bus bodies, trailers, and motor vehicles parts	4,277	132	3,318	7,727
	81 Scrap, used and secondhand goods	–557	–29	542	–44
74	**Repair, greasing, washing, parking, storage, rental and leasing (s.):**				
	Total	90,128	.....	165	90,293
	75 Automotive repair and services	90,099	.....	165	90,264
	76 Amusements	6	.....	.....	6
	77B Educational and social services, and membership organizations	23	.....	.....	23
75	**Gasoline and oil (n.d.):**				
	Total	47,638	2,737	54,505	104,880
	31 Petroleum refining and related products	47,638	2,737	54,505	104,880
76	**Bridge, tunnel, ferry, and road tolls (s.):**				
	Total	2,839	.....	.....	2,839
	79 State and local government enterprises	2,839	.....	.....	2,839
77	**Motor vehicle insurance (s.):**				
	Total	25,728	.....	.....	25,728
	70B Insurance	25,728	.....	.....	25,728
79	**Mass transit systems (s.):**				
	Total	6,463	.....	.....	6,463
	65A Railroads and related services; passenger ground transportation	6,463	.....	.....	6,463
80	**Taxicab (s.):**				
	Total	2,586	.....	.....	2,586
	65A Railroads and related services; passenger ground transportation	2,586	.....	.....	2,586
82	**Railway (s.):**				
	Total	647	.....	.....	647
	65A Railroads and related services; passenger ground transportation	647	.....	.....	647
83	**Bus (s.):**				
	Total	1,595	.....	.....	1,595
	65A Railroads and related services; passenger ground transportation	1,595	.....	.....	1,595
84	**Airline (s.):**				
	Total	21,281	.....	.....	21,281
	65D Air transportation	21,281	.....	.....	21,281
85	**Other intercity transportation (s.):**				
	Total	3,592	.....	.....	3,592
	65A Railroads and related services; passenger ground transportation	408	.....	.....	408
	65B Motor freight transportation and warehousing	173	.....	.....	173
	65C Water transportation	197	.....	.....	197
	65E Pipelines, freight forwarders, and related services	2,814	.....	.....	2,814
87	**Books and maps (d.):**				
	Total	9,795	363	6,990	17,148
	26B Other printing and publishing	9,778	363	6,768	16,909
	69B Retail trade	21	.....	.....	21
	81 Scrap, used and secondhand goods	–4	.....	222	218
88	**Magazines, newspapers, and sheet music (n.d):**				
	Total	14,755	772	6,432	21,959
	26A Newspapers and periodicals	14,339	653	6,018	21,010
	26B Other printing and publishing	711	119	406	1,236
	81 Scrap, used and secondhand goods	–295	.....	8	–287
89	**Nondurable toys and sport supplies (n.d.):**				
	Total	18,158	371	17,994	36,523
	1 Livestock and livestock products	218	11	137	366
	3 Forestry and fishery products	754	.....	398	1,152
	13 Ordnance and accessories	599	6	371	976
	17 Miscellaneous textile goods and floor coverings	63	2	62	127
	24 Paper and allied products, except containers	131	13	122	266
	26B Other printing and publishing	102	.....	65	167
	27A Industrial and other chemicals	345	63	287	695
	32 Rubber and miscellaneous plastics products	123	5	117	245
	53 Electrical industrial equipment and apparatus	11	.....	6	17
	55 Electric lighting and wiring equipment	53	1	52	106
	58 Miscellaneous electrical machinery and supplies	349	4	295	648

Table D.—Input-Output Commodity Composition of NIPA Personal Consumption Expenditure Categories, in Producers' and Purchasers' Prices, 1992 I-O Accounts—Continued

[Millions of dollars]

NIPA category [1]	NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices
	63 Ophthalmic and photographic equipment	1,923	14	1,606	3,543
	64 Miscellaneous manufacturing	13,472	252	14,465	28,189
	72B Personal and repair services (except auto)	15	.....	8	23
	81 Scrap, used and secondhand goods	.....	.....	3	3
90	**Wheel goods, sports and photographic equipment, boats, and pleasure aircraft (d.):**				
	Total	17,347	217	12,528	30,092
	13 Ordnance and accessories	874	.....	652	1,526
	19 Miscellaneous fabricated textile products	625	7	471	1,103
	32 Rubber and miscellaneous plastics products	128	49	149	326
	33+34 Footwear, leather, and leather products	306	13	253	572
	42 Other fabricated metal products	356	10	263	629
	43 Engines and turbines	169	3	45	217
	58 Miscellaneous electrical machinery and supplies	31	.....	7	38
	60 Aircraft and parts	465	1	57	523
	61 Other transportation equipment	7,132	67	2,873	10,072
	62 Scientific and controlling instruments	159	1	60	220
	63 Ophthalmic and photographic equipment	1,177	9	992	2,178
	64 Miscellaneous manufacturing	4,992	57	5,760	10,809
	73C Other business and professional services, except medical	666	.....	414	1,080
	81 Scrap, used and secondhand goods	267	.....	532	799
91	**Video and audio products, computing equipment, and musical instruments (d.):**				
	Total	33,796	387	22,857	57,040
	33+34 Footwear, leather, and leather products	30	.....	21	51
	51 Computer and office equipment	5,100	60	3,612	8,772
	56 Audio, video, and communication equipment	19,643	282	12,908	32,833
	57 Electronic components and accessories	211	.....	111	322
	58 Miscellaneous electrical machinery and supplies	1,044	22	620	1,686
	64 Miscellaneous manufacturing	867	20	807	1,694
	71B Real estate and royalties	3,200	.....	1,994	5,194
	73A Computer and data processing services	2,137	2	825	2,964
	76 Amusements	1,368	1	1,552	2,921
	81 Scrap, used and secondhand goods	196	.....	407	603
92	**Radio and television repair (s.):**				
	Total	3,438	.....	.....	3,438
	72B Personal and repair services (except auto)	3,064	.....	.....	3,064
	73C Other business and professional services, except medical	374	.....	.....	374
93	**Flowers, seeds, and potted plants (n.d.):**				
	Total	4,541	537	6,883	11,961
	2 Other agricultural products	4,248	537	6,883	11,668
	73C Other business and professional services, except medical	293	.....	.....	293
95	**Motion picture theaters (s.):**				
	Total	4,939	.....	.....	4,939
	65D Air transportation	3	.....	.....	3
	76 Amusements	4,808	.....	.....	4,808
	77B Educational and social services, and membership organizations	128	.....	.....	128
96	**Legitimate theaters and opera, and entertainments of nonprofit institutions (except athletics) (s.):**				
	Total	6,037	.....	.....	6,037
	76 Amusements	5,854	.....	.....	5,854
	77B Educational and social services, and membership organizations	183	.....	.....	183
97	**Spectator sports (s.):**				
	Total	5,131	.....	.....	5,131
	76 Amusements	2,838	.....	.....	2,838
	77B Educational and social services, and membership organizations	2,293	.....	.....	2,293
98	**Clubs and fraternal organizations (s.):**				
	Total	10,667	.....	.....	10,667
	76 Amusements	7,774	.....	.....	7,774
	77B Educational and social services, and membership organizations	2,893	.....	.....	2,893
99	**Commercial participant amusements (s.):**				
	Total	29,885	.....	.....	29,885
	65A Railroads and related services; passenger ground transportation	2,181	.....	.....	2,181
	65C Water transportation	1,373	.....	.....	1,373
	65D Air transportation	91	.....	.....	91
	70B Insurance	2	.....	.....	2
	73C Other business and professional services, except medical	64	.....	.....	64
	76 Amusements	26,023	.....	.....	26,023
	77B Educational and social services, and membership organizations	151	.....	.....	151
100	**Pari-mutuel net receipts (s.):**				
	Total	3,366	.....	.....	3,366
	76 Amusements	3,366	.....	.....	3,366
101	**Other recreational expenditures (s.):**				
	Total	74,579	69	1,454	76,102
	1 Livestock and livestock products	1,410	68	538	2,016
	3 Forestry and fishery products	1,412	1	49	1,462
	4 Agricultural, forestry, and fishery services	729	.....	.....	729
	66 Communications, except radio and TV	19,883	.....	.....	19,883
	67 Radio and TV broadcasting	1,839	.....	.....	1,839
	72A Hotels and lodging places	3,496	.....	.....	3,496
	72B Personal and repair services (except auto)	5,318	.....	.....	5,318
	73A Computer and data processing services	307	.....	.....	307
	73C Other business and professional services, except medical	5,520	.....	400	5,920
	76 Amusements	18,734	.....	.....	18,734
	77A Health services	5,108	.....	.....	5,108
	77B Educational and social services, and membership organizations	982	.....	.....	982
	79 State and local government enterprises	9,783	.....	.....	9,783
	81 Scrap, used and secondhand goods	58	.....	467	525
103	**Higher education (s.):**				
	Total	52,428	.....	.....	52,428
	77B Educational and social services, and membership organizations	52,428	.....	.....	52,428
104	**Nursery, elementary, and secondary schools (s.):**				
	Total	23,311	.....	.....	23,311
	77B Educational and social services, and membership organizations	23,311	.....	.....	23,311
105	**Other private education and research (s.):**				
	Total	20,738	.....	.....	20,738
	76 Amusements	712	.....	.....	712
	77B Educational and social services, and membership organizations	20,026	.....	.....	20,026
106	**Religious and welfare activities (s.):**				
	Total	112,314	.....	.....	112,314
	77B Educational and social services, and membership organizations	112,314	.....	.....	112,314
108	**Foreign travel by U.S. residents (s.):**				
	Total	45,943	.....	.....	45,943
	65C Water transportation	3,243	.....	.....	3,243
	65D Air transportation	12,377	.....	.....	12,377
	80 Noncomparable imports	30,323	.....	.....	30,323
109	**Expenditures abroad by U.S. residents (n.d.):**				
	Total	2,570	.....	.....	2,570
	80 Noncomparable imports	2,570	.....	.....	2,570
110	**Expenditures in the United States by nonresidents (s.):**				
	Total	–64,871	.....	.....	–64,871
	83 Rest of the world adjustment to final uses	–64,871	.....	.....	–64,871
111	**Personal remittances in kind to nonresidents (n.d.):**				
	Total	–1,610	.....	.....	–1,610
	83 Rest of the world adjustment to final uses	–1,610	.....	.....	–1,610
	Total personal consumption expenditures	**3,551,945**	**27,193**	**629,580**	**4,208,718**
	Total durable commodities (d.)	**282,064**	**8,239**	**180,476**	**470,779**
	Total nondurable commodities (n.d.)	**855,509**	**18,861**	**446,541**	**1,320,911**
	Total services (s.)	**2,414,372**	**93**	**2,563**	**2,417,028**

1. The NIPA category refers to the line number associated with the PCE category in NIPA table 2.4.

Table E.—Input-Output Commodity Composition of NIPA Producers' Durable Equipment Expenditure Categories, in Producers' and Purchasers' Prices, 1992 I-O Accounts

[Millions of dollars]

NIPA category [1]	NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices
5	**Computers and peripheral equipment:**				
	Total	36,139	390	7,051	43,580
	51 Computer and office equipment	32,698	390	7,051	40,139
	73A Computer and data processing services	3,441	...	...	3,441
6	**Office equipment except computers:**				
	Total	4,360	63	1,727	6,150
	50 Miscellaneous machinery, except electrical	539	13	34	586
	51 Computer and office equipment	3,317	50	1,260	4,627
	73B Legal, engineering, accounting, and related services	451	...	...	451
	81 Scrap, used and secondhand goods	53	...	433	486
7	**Communication equipment:**				
	Total	43,664	253	3,889	47,806
	13 Ordnance and accessories	29	...	...	29
	38 Primary nonferrous metals manufacturing	52	1	8	61
	51 Computer and office equipment	154	1	20	175
	56 Audio, video, and communication equipment	24,445	175	3,098	27,718
	58 Miscellaneous electrical machinery and supplies	1,304	15	280	1,599
	62 Scientific and controlling instruments	9,693	61	483	10,237
	66 Communications, except radio and TV	5,065	...	...	5,065
	73B Legal, engineering, accounting, and related services	2,905	...	...	2,905
	81 Scrap, used and secondhand goods	17	...	...	17
8	**Instruments:**				
	Total	22,759	113	3,691	26,563
	62 Scientific and controlling instruments	21,462	113	3,691	25,266
	73B Legal, engineering, accounting, and related services	1,269	...	...	1,269
	81 Scrap, used and secondhand goods	28	...	...	28
9	**Photocopy and related equipment:**				
	Total	9,277	58	3,236	12,571
	62 Scientific and controlling instruments	1,406	5	123	1,534
	63 Ophthalmic and photographic equipment	6,915	53	3,113	10,081
	73B Legal, engineering, accounting, and related services	904	...	...	904
	81 Scrap, used and secondhand goods	52	...	...	52
11	**Fabricated metal products:**				
	Total	8,629	155	815	9,599
	5+6 Metallic ores mining	50	20	1	71
	27A Industrial and other chemicals	1,957	...	...	1,957
	37 Primary iron and steel manufacturing	16	...	...	16
	39 Metal containers	38	1	3	42
	40 Heating, plumbing, and fabricated structural metal products	3,612	26	387	4,025
	42 Other fabricated metal products	2,388	108	424	2,920
	46 Materials handling machinery and equipment	5	...	...	5
	73B Legal, engineering, accounting, and related services	563	...	...	563
12	**Engines and turbines:**				
	Total	3,540	48	75	3,663
	43 Engines and turbines	3,271	48	75	3,394
	73B Legal, engineering, accounting, and related services	269	...	...	269
13	**Metalworking machinery:**				
	Total	17,733	302	2,466	20,501
	47 Metalworking machinery and equipment	16,651	302	2,466	19,419
	73B Legal, engineering, accounting, and related services	1,135	...	...	1,135
	81 Scrap, used and secondhand goods	–53	...	...	–53
14	**Special industry machinery, n.e.c.:**				
	Total	19,487	351	2,992	22,830
	32 Rubber and miscellaneous plastics products	130	6	32	168
	42 Other fabricated metal products	27	...	10	37
	48 Special industry machinery and equipment	16,820	332	2,433	19,585
	49 General industrial machinery and equipment	1,029	11	124	1,164
	52 Service industry machinery	1	...	...	1
	58 Miscellaneous electrical machinery and supplies	95	2	20	117
	73B Legal, engineering, accounting, and related services	1,379	...	...	1,379
	81 Scrap, used and secondhand goods	6	...	373	379
15	**General industrial, including materials handling, equipment:**				
	Total	17,244	332	3,356	20,932
	44+45 Farm, construction, and mining machinery	35	2	7	44
	46 Materials handling machinery and equipment	5,738	184	1,298	7,220
	49 General industrial machinery and equipment	10,250	145	1,094	11,489
	50 Miscellaneous machinery, except electrical	120	1	56	177
	73B Legal, engineering, accounting, and related services	1,127	...	...	1,127
	81 Scrap, used and secondhand goods	–26	...	901	875
16	**Electrical transmission, distribution, and industrial apparatus:**				
	Total	13,084	250	1,516	14,850
	47 Metalworking machinery and equipment	1,001	36	163	1,200
	53 Electrical industrial equipment and apparatus	6,826	187	1,078	8,091
	62 Scientific and controlling instruments	4,256	27	275	4,558
	73B Legal, engineering, accounting, and related services	1,001	...	...	1,001
18	**Trucks, buses, and truck trailers:**				
	Total	31,253	823	4,079	36,155
	59A Motor vehicles (passenger cars and trucks)	27,995	758	3,236	31,989
	59B Truck and bus bodies, trailers, and motor vehicles parts	4,981	65	361	5,407
	81 Scrap, used and secondhand goods	–1,723	...	482	–1,241
19	**Autos:**				
	Total	24,685	1,270	6,074	32,029
	59A Motor vehicles (passenger cars and trucks)	47,137	1,270	5,680	54,087
	81 Scrap, used and secondhand goods	–22,452	...	394	–22,058
20	**Aircraft:**				
	Total	13,536	43	142	13,721
	22+23 Furniture and fixtures	214	3	10	227
	60 Aircraft and parts	13,676	33	90	13,799
	62 Scientific and controlling instruments	695	7	42	744
	81 Scrap, used and secondhand goods	–1,049	...	...	–1,049
21	**Ships and boats:**				
	Total	1,116	2	59	1,177
	61 Other transportation equipment	1,085	2	42	1,129
	81 Scrap, used and secondhand goods	31	...	17	48
22	**Railroad equipment:**				
	Total	2,858	43	109	3,010
	61 Other transportation equipment	2,648	43	20	2,711
	73B Legal, engineering, accounting, and related services	206	...	...	206
	81 Scrap, used and secondhand goods	4	...	89	93
24	**Furniture and fixtures:**				
	Total	17,016	179	4,081	21,276
	22+23 Furniture and fixtures	15,686	179	3,862	19,727
	73B Legal, engineering, accounting, and related services	1,402	...	...	1,402
	81 Scrap, used and secondhand goods	–72	...	219	147
25	**Tractors:**				
	Total	4,188	183	2,355	6,726
	44+45 Farm, construction, and mining machinery	4,249	183	2,149	6,581
	81 Scrap, used and secondhand goods	–61	...	206	145
26	**Agricultural machinery, except tractors:**				
	Total	4,850	211	2,071	7,132
	44+45 Farm, construction, and mining machinery	4,430	211	1,445	6,086
	73B Legal, engineering, accounting, and related services	412	...	...	412
	81 Scrap, used and secondhand goods	8	...	626	634
27	**Construction machinery, except tractors:**				
	Total	6,385	415	1,642	8,442
	44+45 Farm, construction, and mining machinery	5,996	415	1,227	7,638
	73B Legal, engineering, accounting, and related services	478	...	...	478
	81 Scrap, used and secondhand goods	–89	...	415	326
28	**Mining and oilfield machinery:**				
	Total	909	38	350	1,297
	8 Crude petroleum and natural gas	23	...	...	23
	44+45 Farm, construction, and mining machinery	792	38	178	1,008
	49 General industrial machinery and equipment	21	...	3	24
	73B Legal, engineering, accounting, and related services	72	...	...	72
	81 Scrap, used and secondhand goods	1	...	169	170
29	**Service industry machinery:**				
	Total	8,116	113	1,879	10,108
	50 Miscellaneous machinery, except electrical	41	1	1	43

Table E.—Input-Output Commodity Composition of NIPA Producers' Durable Equipment Expenditure Categories, in Producers' and Purchasers' Prices, 1992 I-O Accounts—Continued

[Millions of dollars]

NIPA category[1]	NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices
	52 Service industry machinery	7,375	112	1,878	9,365
	73B Legal, engineering, accounting, and related services	673	...	...	673
	81 Scrap, used and secondhand goods	27	...	...	27
30	**Electrical equipment, n.e.c.:**				
	Total	8,102	90	1,225	9,417
	54 Household appliances	374	13	25	412
	55 Electric lighting and wiring equipment	283	7	66	356
	58 Miscellaneous electrical machinery and supplies	659	25	97	781
	62 Scientific and controlling instruments	6,125	45	1,037	7,207
	73B Legal, engineering, accounting, and related services	682	...	...	682
	81 Scrap, used and secondhand goods	–21	...	...	–21
31	**Other nonresidential equipment:**				
	Total	10,660	763	4,122	15,545
	17 Miscellaneous textile goods and floor coverings	1,151	53	438	1,642
	20+21 Lumber and wood products	1	...	...	1
	32 Rubber and miscellaneous plastics products	70	3	12	85
	44+45 Farm, construction, and mining machinery	2,301	66	1,703	4,070
	61 Other transportation equipment	1,008	45	296	1,349
	64 Miscellaneous manufacturing	5,365	596	1,673	7,634
	73B Legal, engineering, accounting, and related services	857	...	...	857
	81 Scrap, used and secondhand goods	–93	...	...	–93
32	**Sale of equipment scrap, excluding autos:**				
	Total	–2,006	...	...	–2,006
	81 Scrap, used and secondhand goods	–2,006	...	...	–2,006
33	**Residential (landlord durables):**				
	Total	3,760	164	1,997	5,921
	17 Miscellaneous textile goods and floor coverings	1,192	54	457	1,703
	22+23 Furniture and fixtures	191	...	58	249
	32 Rubber and miscellaneous plastics products	15	1	8	24
	54 Household appliances	2,294	108	1,450	3,852
	56 Audio, video, and communication equipment	68	1	24	93
	Total producers durable equipment	**331,344**	**6,652**	**60,999**	**398,995**
	Total nonresidential equipment	**327,584**	**6,488**	**59,002**	**393,074**
	Total residential equipment	**3,760**	**164**	**1,997**	**5,921**

1. The NIPA category refers to the corresponding line number associated with the PDE category in NIPA table 5.8.

Text continues from page 47.

steel sheet, strip, and bars (commodity 37.0104); steel pipe and tubes (commodity 37.0105); secondary nonferrous metals (commodity 38.0600); copper foundries (commodity 38.1200); nonferrous castings, n.e.c. (commodity 38.1300); Federal electric utilities (78.0200); State and local government passenger transit (commodity 79.0100); and State and local government electric utilities (commodity 79.0200).

Definitions and conventions for valuation of transactions

This section describes the underlying definitions and conventions for valuation that are used in preparing the estimates of transactions in commodities. It also describes the valuation used in wholesale trade, retail trade, imports of goods and services, exports of goods and services, and the change in business inventories.

Transactions in commodities are valued at producers' prices in the I-O accounts. These prices exclude distribution costs (wholesale and retail trade margins and transportation costs), but they include excise taxes collected and remitted by producers. Transportation costs and trade margins are shown as separate purchases by the users of the commodities. The sum of the producers' value, transportation costs, and trade margins equals the purchasers' value. Thus, the flows of commodities for resale to and from wholesale trade and retail trade are not shown. If trade were shown as buying and reselling commodities, industrial and final users would make most of their purchases from a single source—trade.

To show the relationship between the production of commodities and their purchase by intermediate and final users, commodities are shown as if they move directly to users. Wholesale and retail trade margins on commodities are shown as purchases by users and are included in the trade rows of use table 2.1 (rows 69A and 69B). Transportation costs are the freight charges paid to move the commodity from the producer to the intermediate user or the final user. All transportation costs are shown as a purchase by users, and are included in the transportation rows of the use table (rows 65A–E and 68B).

Wholesale trade has one primary product—distributive services for the sales of goods to retailers, intermediate users, and final users. Distributive services provided by wholesalers include merchandise handling, stocking, selling, and billing. Wholesale trade output consists of trade margins and nonmargin output; both exclude the cost of resales. They are included in the wholesale trade row of use table 2.1 (row 69A).

The trade margin output occurs when an establishment buys and resells the good. It is measured in two parts. For merchant wholesalers and agents and brokers (on their own account), the trade margin is measured as wholesale sales less the cost of goods sold plus taxes collected by the distributor. For manufacturers' sales branches, it

is measured as expenses plus taxes collected by the sales branches.

Nonmargin output occurs when the wholesale trade service is purchased separately from the commodity, such as when a wholesaler acts as a broker between buyer and seller. It is measured as the sum of the expenses on goods sold by manufacturers' sales offices, commissions on goods sold by agents and brokers, and customs duties. Customs duties are considered to be taxes collected by wholesalers and are included in output.

Retail trade has one primary product—distributive services for the sale of goods. Its output consists of the retail trade margins, which are measured as retail sales less the cost of goods sold plus the taxes collected by retail trade establishments. All retail trade margins are included in the retail trade row of use table 2.1 (row 69B).

Retail trade margins apply primarily to purchases by persons. However, some retail trade margin is applied to purchases by business and government; for example, retail trade margins are applied to some purchases of personal computers by business for gross private fixed investment; retail trade margins also are applied to some intermediate purchases by business, for example, office supplies and gasoline.

Imports of goods and services, a component of final uses, are measured by commodity at domestic port values. The domestic port value of an import commodity is considered to be equivalent to the producers' price of a domestically produced commodity. Adjustments to convert the commodity imports of goods to foreign port value are included in the imports of transportation and wholesale trade. For example, the imports of apparel (row 18, column 95) in table 2.1 is −$38.5 billion, the value of imports at the port of entry to the United States. This value consists of a foreign port value of −$31.8 billion, vessel charges of −$0.7 billion, air charges of −$0.9 billion, and customs duty of −$5.1 billion. The vessel and air charges are subtracted from the transportation rows (rows 65C and 65D, column 95) to be netted against balance of payments estimates of the total imports of transportation services. The duty is subtracted from the wholesale trade row (row 69A, column 95). The net result of including domestic port value in the commodity row and subtracting the transportation charges and duty in the transportation and wholesale rows is the foreign port value for the import.

Imports of services are valued at producers' prices. There are no margins or transport costs associated with services.

Imports also include a special category referred to as "noncomparable imports." Noncomparable imports consist of goods purchased by U.S. residents abroad and of service imports with no domestic counterparts, such as port expenditures by U.S. airlines in other countries. These imports are distributed directly to industries and final users and are shown as noncomparable imports in use table 2.1 (row 80). All other imports are assumed either to be consumed within the U.S. boundaries or to have domestic equivalents.

In past benchmarks, noncomparable imports also included domestically consumed imported goods, such as bananas and coffee, that had no significant domestic counterparts. However, most imported goods now have domestic counterparts, so the 1992 benchmark I-O accounts do not include domestically consumed imports of goods in this category.

Exports of goods and services, a component of final uses, are measured by commodity at producers' prices—the same as other domestically produced commodities. Transportation and trade commodities, which are required to move exports from the producer to the port of exit, are included in the transportation and trade rows of use table 2.1. For example, exports of computer and office equipment are $22.9 billion (row 51, column 94), which represents the value of the computer and office equipment in producers' prices. The transportation costs, $0.2 billion, and the trade margins, $3.7 billion (row 51 and under the column exports of goods and services in table C), required to move the exports of computers and office equipment from producer to the

Table F.—Relationship of Exports and Imports in the Input-Output Accounts to the National Income and Product Accounts, 1992

	Total	Goods	Services
Exports, NIPA's	**639,416**	**448,671**	**190,745**
Less: U.S merchandise returned	11,817	11,817	.....
Reexports	22,392	22,392	.....
Foreign-to-foreign transactions	582	.....	582
Statistical differences, I-O [1]	2,015	.....	2,015
***Equals*: Exports, I-O**	**602,610**	**414,462**	**188,148**
Imports, NIPA's	**668,959**	**544,855**	**124,104**
Less: U.S merchandise returned	11,817	11,817	.....
Reexports	22,392	22,392	.....
Foreign-to-foreign transactions	582	.....	582
Statistical differences, I-O [1]	2,531	.....	2,531
***Equals*: Imports, I-O**	**631,637**	**510,646**	**120,991**
Net exports, NIPA's	–29,543	–96,184	66,641
Net exports, I-O	–29,027	–96,184	67,157

1. Consist of statistical revisions in the BPA's that have not yet been incorporated in the NIPA's.
NIPA National income and product accounts
I-O Input-output accounts

port of exit are included in the rows for transportation (rows 65A–E and 68B) and for trade (rows 69A and 69B) in table 2.1.

Change in business inventories, another component of final uses, is measured by commodity at the book-value change reported by industries in the economic censuses. The inventory valuation adjustment, which is needed to remove inventory profits or losses from total gross domestic product in the I-O accounts, is shown as a single entry in table 2.1 (row 85, column 93). In the 1992 I-O accounts, the inventory valuation adjustment is −$8.0 billion.

Supplementary tables

Four supplementary tables are presented in this article—tables C, D, E, and F. Tables C, D, and E are bridges between the I-O accounts and the NIPA's. They present the I-O commodity composition of NIPA final demand in producers' and purchasers' prices. Specifically, table C presents the composition of all NIPA final-demand components; table D, the composition of personal consumption expenditures categories shown in NIPA table 2.4; and table E, the composition of NIPA producers' durable equipment categories shown in NIPA table 5.8.[24]

Table F presents a reconciliation of the I-O estimates of exports and imports with those in the NIPA's. Both exports and imports are adjusted so that total GDP is unchanged. The adjustments are necessary because the NIPA's—unlike the I-O accounts—include the U.S. merchandise that is returned to the United States from other countries in imports and because the NIPA exports include the foreign merchandise that is reexported from the United States to other countries.[25]

Appendixes A and B and tables 1, 2.1, and 2.2 follow.

24. NIPA tables 2.4 and 5.8 are published annually in the SURVEY, most recently in the August 1997 issue.

25. Returned U.S. merchandise consists of domestically produced goods that were exported for processing, or assembly, or both and then returned to the United States. Reexports consists of the commodities that were previously imported into the United States and then exported from the United States in substantially the same condition as when they were imported. A timing adjustment is made for reexports that entered the country in an earlier year. The I-O accounts measure this value as general imports less imports for consumption, and the value is shown as a transaction between noncomparable imports and inventory change.

Appendix A.—Classification of Industries in the 1992 Benchmark Input-Output Accounts

[The titles in boldface represent the industries used for the summary version of the 1992 tables. An asterisk preceding a Standard Industrial Classification (SIC) code indicates that the SIC industry is included in more than one I-O industry. For a description of the systems used in the I-O accounts, see the section "Definitions and conventions for classification."]

I-O industry number and title		Related 1987 SIC codes
AGRICULTURE, FORESTRY, AND FISHERIES		
1	**Livestock and livestock products:**	
1.0100	Dairy farm products	024, *019, *0259, *029
1.0200	Poultry and eggs	0251–3, *0259, *019, *0219, *029
1.0301	Meat animals	0211–4, *0219, *019, *0259, *029
1.0302	Miscellaneous livestock	0271–3, *0279, *019, *0219, *0259, *029
2	**Other agricultural products:**	
2.0100	Cotton	0131, *019, *0219, *0259, *029
2.0201	Food grains	*011, *019, *0219, *0259, *029
2.0202	Feed grains	*011, *0139, *019, *0219, *0259, *029
2.0203	Grass seeds	*0139, *019, *0219, *0259, *029
2.0300	Tobacco	0132, *019, *0219, *0259, *029
2.0401	Fruits	0171–2, 0174–5, *0179, *019, *0219, *0259, *029
2.0402	Tree nuts	0173, *0179, *019, *0219, *0259, *029
2.0501	Vegetables	0134, *0139, 016, *019, *0219, *0259, *029, *0119
2.0502	Sugar crops	0133, *019, *0219, *0259, *029
2.0503	Miscellaneous crops	*0119, *0139, *019, *0219, *0259, *029
2.0600	Oil bearing crops	0116, *0119, *0139, *0219, *0259, *029
2.0701	Forest products	*018, *019, *0219, *0259, *029
2.0702	Greenhouse and nursery products	*018, *019,*0219, *0259, *029
3	**Forestry and fishery products:**	
3.0001	Forestry products	081, 083, 097
3.0002	Commercial fishing	091
4	**Agricultural, forestry, and fishery services:**	
4.0001	Agricultural, forestry, and fishery services	0254, *0279, 071–2, 075–6, 085, 092
4.0002	Landscape and horticultural services	078
MINING		
5+6	**Metallic ores mining:**	
5.0001	Iron and ferroalloy ores, and miscellaneous metal ores, n.e.c.	101, 106, 1099
6.0100	Copper ore	102
6.0200	Nonferrous metal ores, except copper	103–4, 1094, *108
7	**Coal mining:**	
7.0000	Coal	122–3, *124
8	**Crude petroleum and natural gas:**	
8.0001	Crude petroleum and natural gas	131–2, *138
9+10	**Nonmetallic minerals mining:**	
9.0001	Dimension, crushed and broken stone	141–2
9.0002	Sand and gravel	144
9.0003	Clay, ceramic, and refractory minerals	145
9.0004	Nonmetallic mineral services and miscellaneous minerals.	*148, 149
10.0000	Chemical and fertilizer minerals	147
CONSTRUCTION		
11	**New construction:**	
11.0101	New residential 1-unit structures, nonfarm	*15, *17, *6552
11.0102	New residential 2–4 unit structures, nonfarm	*15, *17
11.0105	New residential additions and alterations, nonfarm	*15, *17
11.0108	New residential garden and high-rise apartments	*15, *17, *6552
11.0400	Highways and streets	*16–17
11.0501	New farm housing units and additions and alterations.	*15, *17
11.0601	Petroleum and natural gas well drilling	*138
11.0602	Petroleum, natural gas, and solid mineral exploration	*138, *108, *124, *148
11.0603	Access structures for solid mineral development	*108, *124, *148
11.0800	Office, industrial, and commercial buildings	*15, *17
11.0900	Other new construction	*15–17
12	**Maintenance and repair construction:**	
12.0101	Maintenance and repair of farm and nonfarm residential structures.	*15, *17
12.0214	Maintenance and repair of highways and streets	*16–17
12.0215	Maintenance and repair of petroleum and natural gas wells.	*138
12.0300	Other maintenance and repair	*15–17
MANUFACTURING		
13	**Ordnance and accessories:**	
13.0100	Guided missiles and space vehicles	3761
13.0200	Ammunition, except for small arms, n.e.c.	3483
13.0300	Tanks and tank components	3795
13.0500	Small arms	3484
13.0600	Small arms ammunition	3482
13.0700	Ordnance and accessories, n.e.c.	3489
14	**Food and kindred products:**	
14.0101	Meat packing plants	2011
14.0102	Sausages and other prepared meat products	2013
14.0105	Poultry slaughtering and processing	2015
14.0200	Creamery butter	2021
14.0300	Natural, processed, and imitation cheese	2022
14.0400	Dry, condensed, and evaporated dairy products	2023
14.0500	Ice cream and frozen desserts	2024
14.0600	Fluid milk	2026
14.0700	Canned and cured fish and seafoods	2091
14.0800	Canned specialties	2032
14.0900	Canned fruits, vegetables, preserves, jams, and jellies.	2033
14.1000	Dehydrated fruits, vegetables, and soups	2034
14.1100	Pickles, sauces, and salad dressings	2035
14.1200	Prepared fresh or frozen fish and seafoods	2092
14.1301	Frozen fruits, fruit juices, and vegetables	2037
14.1302	Frozen specialties, n.e.c.	2038
14.1401	Flour and other grain mill products	2041
14.1402	Cereal breakfast foods	2043
14.1403	Prepared flour mixes and doughs	2045
14.1501	Dog and cat food	2047
14.1502	Prepared feeds, n.e.c.	2048
14.1600	Rice milling	2044
14.1700	Wet corn milling	2046
14.1801	Bread, cake, and related products	2051
14.1802	Cookies and crackers	2052
14.1803	Frozen bakery products, except bread	2053
14.1900	Sugar	2061–3
14.2002	Chocolate and cocoa products	2066
14.2004	Salted and roasted nuts and seeds	2068
14.2005	Candy and other confectionery products, including chewing gum.	2064, 2067
14.2101	Malt beverages	2082
14.2102	Malt	2083
14.2103	Wines, brandy, and brandy spirits	2084
14.2104	Distilled and blended liquors	2085
14.2200	Bottled and canned soft drinks	2086
14.2300	Flavoring extracts and flavoring syrups, n.e.c.	2087
14.2400	Cottonseed oil mills	2074
14.2500	Soybean oil mills	2075
14.2600	Vegetable oil mills, n.e.c.	2076
14.2700	Animal and marine fats and oils	2077
14.2800	Roasted coffee	2095
14.2900	Edible fats and oils, n.e.c.	2079
14.3000	Manufactured ice	2097
14.3100	Macaroni, spaghetti, vermicelli, and noodles	2098
14.3201	Potato chips and similar snacks	2096
14.3202	Food preparations, n.e.c.	2099
15	**Tobacco products:**	
15.0101	Cigarettes	211
15.0102	Cigars	212
15.0103	Chewing and smoking tobacco and snuff	213
15.0200	Tobacco stemming and redrying	214
16	**Broad and narrow fabrics, yarn and thread mills:**	
16.0100	Broadwoven fabric mills and fabric finishing plants	221–3, 2261–2
16.0200	Narrow fabric mills	224
16.0300	Yarn mills and finishing of textiles, n.e.c.	2269, 2281–2
16.0400	Thread mills	2284

Appendix A.—Classification of Industries in the 1992 Benchmark Input-Output Accounts—Continued

I-O industry number and title		Related 1987 SIC codes
17	**Miscellaneous textile goods and floor coverings:**	
17.0100	Carpets and rugs	227
17.0600	Coated fabrics, not rubberized	2295
17.0700	Tire cord and fabrics	2296
17.0900	Cordage and twine	2298
17.1001	Nonwoven fabrics	2297
17.1100	Textile goods, n.e.c.	2299
18	**Apparel:**	
18.0101	Women's hosiery, except socks	2251
18.0102	Hosiery, n.e.c.	2252
18.0201	Knit outerwear mills	2253
18.0202	Knit underwear and nightwear mills	2254
18.0203	Knitting mills, n.e.c.	2259
18.0300	Knit fabric mills	2257–8
18.0400	Apparel made from purchased materials	231–8
19	**Miscellaneous fabricated textile products:**	
19.0100	Curtains and draperies	2391
19.0200	Housefurnishings, n.e.c.	2392
19.0301	Textile bags	2393
19.0302	Canvas and related products	2394
19.0303	Pleating and stitching	2395
19.0304	Automotive and apparel trimmings	2396
19.0305	Schiffli machine embroideries	2397
19.0306	Fabricated textile products, n.e.c.	2399
20+21	**Lumber and wood products:**	
20.0100	Logging	241
20.0200	Sawmills and planing mills, general	2421
20.0300	Hardwood dimension and flooring mills	2426
20.0400	Special product sawmills, n.e.c.	2429
20.0501	Millwork	2431
20.0502	Wood kitchen cabinets	2434
20.0600	Veneer and plywood	2435–6
20.0701	Structural wood members, n.e.c.	2439
20.0702	Prefabricated wood buildings and components	2452
20.0703	Mobile homes	2451
20.0800	Wood preserving	2491
20.0901	Wood pallets and skids	2448
20.0903	Wood products, n.e.c.	2499
20.0904	Reconstituted wood products	2493
21.0000	Wood containers, n.e.c.	2441, 2449
22+23	**Furniture and fixtures:**	
22.0101	Wood household furniture, except upholstered	2511
22.0102	Household furniture, n.e.c.	2519
22.0103	Wood television and radio cabinets	2517
22.0200	Upholstered household furniture	2512
22.0300	Metal household furniture	2514
22.0400	Mattresses and bedsprings	2515
23.0100	Wood office furniture	2521
23.0200	Office furniture, except wood	2522
23.0300	Public building and related furniture	253
23.0400	Wood partitions and fixtures	2541
23.0500	Partitions and fixtures, except wood	2542
23.0600	Drapery hardware and window blinds and shades	2591
23.0700	Furniture and fixtures, n.e.c.	2599
24	**Paper and allied products, except containers:**	
24.0100	Pulp mills	261
24.0400	Envelopes	2677
24.0500	Sanitary paper products	2676
24.0701	Paper coating and glazing	2671–2
24.0702	Bags, except textile	2673–4
24.0703	Die-cut paper and paperboard and cardboard	2675
24.0705	Stationery, tablets, and related products	2678
24.0706	Converted paper products, n.e.c.	2679
24.0800	Paper and paperboard mills	262–3
25	**Paperboard containers and boxes:**	
25.0000	Paperboard containers and boxes	265
26A	**Newspapers and periodicals:**	
26.0100	Newspapers	271
26.0200	Periodicals	272
26B	**Other printing and publishing:**	
26.0301	Book publishing	2731
26.0302	Book printing	2732
26.0400	Miscellaneous publishing	274
26.0501	Commercial printing	275
26.0601	Manifold business forms	276
26.0602	Blankbooks, looseleaf binders and devices	2782
26.0700	Greeting cards	277
26.0802	Bookbinding and related work	2789
26.0803	Typesetting	2791
26.0806	Platemaking and related services	2796
27A	**Industrial and other chemicals:**	
27.0100	Industrial inorganic and organic chemicals	281, 2865, 2869
27.0401	Gum and wood chemicals	2861
27.0402	Adhesives and sealants	2891
27.0403	Explosives	2892
27.0404	Printing ink	2893
27.0405	Carbon black	2895
27.0406	Chemicals and chemical preparations, n.e.c.	2899
27B	**Agricultural fertilizers and chemicals:**	
27.0201	Nitrogenous and phosphatic fertilizers	2873–4
27.0202	Fertilizers, mixing only	2875
27.0300	Pesticides and agricultural chemicals, n.e.c.	2879
28	**Plastics and synthetic materials:**	
28.0100	Plastics materials and resins	2821
28.0200	Synthetic rubber	2822
28.0300	Cellulosic manmade fibers	2823
28.0400	Manmade organic fibers, except cellulosic	2824
29A	**Drugs:**	
29.0100	Drugs	283
29B	**Cleaning and toilet preparations:**	
29.0201	Soap and other detergents	2841
29.0202	Polishes and sanitation goods	2842
29.0203	Surface active agents	2843
29.0300	Toilet preparations	2844
30	**Paints and allied products:**	
30.0000	Paints and allied products	285
31	**Petroleum refining and related products:**	
31.0101	Petroleum refining	291
31.0102	Lubricating oils and greases	2992
31.0103	Products of petroleum and coal, n.e.c.	2999
31.0200	Asphalt paving mixtures and blocks	2951
31.0300	Asphalt felts and coatings	2952
32	**Rubber and miscellaneous plastics products:**	
32.0100	Tires and inner tubes	301
32.0200	Rubber and plastics footwear	302
32.0300	Fabricated rubber products, n.e.c.	306
32.0400	Miscellaneous plastics products, n.e.c.	308
32.0500	Rubber and plastics hose and belting	3052
32.0600	Gaskets, packing, and sealing devices	3053
33+34	**Footwear, leather, and leather products:**	
33.0001	Leather tanning and finishing	311
34.0100	Boot and shoe cut stock and findings	313
34.0201	Shoes, except rubber	3143–4, 3149
34.0202	House slippers	3142
34.0301	Leather gloves and mittens	315
34.0302	Luggage	316
34.0303	Women's handbags and purses	3171
34.0304	Personal leather goods, n.e.c.	3172
34.0305	Leather goods, n.e.c.	319
35	**Glass and glass products:**	
35.0100	Glass and glass products, except containers	321, 3229, 323
35.0200	Glass containers	3221
36	**Stone and clay products:**	
36.0100	Cement, hydraulic	324
36.0200	Brick and structural clay tile	3251
36.0300	Ceramic wall and floor tile	3253
36.0400	Clay refractories	3255
36.0500	Structural clay products, n.e.c.	3259
36.0600	Vitreous china plumbing fixtures	3261
36.0701	Vitreous china table and kitchenware	3262
36.0702	Fine earthenware table and kitchenware	3263
36.0800	Porcelain electrical supplies	3264
36.0900	Pottery products, n.e.c.	3269
36.1000	Concrete block and brick	3271
36.1100	Concrete products, except block and brick	3272
36.1200	Ready-mixed concrete	3273
36.1300	Lime	3274
36.1400	Gypsum products	3275
36.1500	Cut stone and stone products	328
36.1600	Abrasive products	3291
36.1700	Asbestos products	3292
36.1900	Minerals, ground or treated	3295
36.2000	Mineral wool	3296
36.2100	Nonclay refractories	3297
36.2200	Nonmetallic mineral products, n.e.c.	3299
37	**Primary iron and steel manufacturing:**	
37.0101	Blast furnaces and steel mills	3312
37.0102	Electrometallurgical products, except steel	3313
37.0103	Steel wiredrawing and steel nails and spikes	3315
37.0104	Cold-rolled steel sheet, strip, and bars	3316
37.0105	Steel pipe and tubes	3317
37.0200	Iron and steel foundries	332
37.0300	Iron and steel forgings	3462
37.0401	Metal heat treating	3398
37.0402	Primary metal products, n.e.c.	3399

Appendix A.—Classification of Industries in the 1992 Benchmark Input-Output Accounts—Continued

I-O industry number and title		Related 1987 SIC codes
38	**Primary nonferrous metals manufacturing:**	
38.0100	Primary smelting and refining of copper	3331
38.0400	Primary aluminum	3334
38.0501	Primary nonferrous metals, n.e.c.	3339
38.0600	Secondary nonferrous metals	334
38.0700	Rolling, drawing, and extruding of copper	3351
38.0800	Aluminum rolling and drawing	3353–5
38.0900	Nonferrous rolling and drawing, n.e.c.	3356
38.1000	Nonferrous wiredrawing and insulating	3357
38.1100	Aluminum castings	3363, 3365
38.1200	Copper foundries	3366
38.1300	Nonferrous castings, n.e.c.	3364, 3369
38.1400	Nonferrous forgings	3463
39	**Metal containers:**	
39.0100	Metal cans	3411
39.0200	Metal shipping barrels, drums, kegs, and pails	3412
40	**Heating, plumbing, and fabricated structural metal products:**	
40.0100	Enameled iron and metal sanitary ware	3431
40.0200	Plumbing fixture fittings and trim	3432
40.0300	Heating equipment, except electric and warm air furnaces.	3433
40.0400	Fabricated structural metal	3441
40.0500	Metal doors, sash, frames, molding, and trim	3442
40.0600	Fabricated plate work (boiler shops)	3443
40.0700	Sheet metal work	3444
40.0800	Architectural and ornamental metal work	3446
40.0901	Prefabricated metal buildings and components	3448
40.0902	Miscellaneous structural metal work	3449
41	**Screw machine products and stampings:**	
41.0100	Screw machine products, bolts, etc	345
41.0201	Automotive stampings	3465
41.0202	Crowns and closures	3466
41.0203	Metal stampings, n.e.c.	3469
42	**Other fabricated metal products:**	
42.0100	Cutlery	3421
42.0201	Hand and edge tools, except machine tools and handsaws.	3423
42.0202	Saw blades and handsaws	3425
42.0300	Hardware, n.e.c.	3429
42.0401	Plating and polishing	3471
42.0402	Coating, engraving, and allied services, n.e.c.	3479
42.0500	Miscellaneous fabricated wire products	3495–6
42.0700	Steel springs, except wire	3493
42.0800	Pipe, valves, and pipe fittings	3491–2, 3494, 3498
42.1000	Metal foil and leaf	3497
42.1100	Fabricated metal products, n.e.c.	3499
43	**Engines and turbines:**	
43.0100	Turbines and turbine generator sets	3511
43.0200	Internal combustion engines, n.e.c.	3519
44+45	**Farm, construction, and mining machinery:**	
44.0001	Farm machinery and equipment	3523
44.0002	Lawn and garden equipment	3524
45.0100	Construction machinery and equipment	3531
45.0200	Mining machinery, except oil field	3532
45.0300	Oil and gas field machinery and equipment	3533
46	**Materials handling machinery and equipment:**	
46.0100	Elevators and moving stairways	3534
46.0200	Conveyors and conveying equipment	3535
46.0300	Hoists, cranes, and monorails	3536
46.0400	Industrial trucks and tractors	3537
47	**Metalworking machinery and equipment:**	
47.0100	Machine tools, metal cutting types	3541
47.0200	Machine tools, metal forming types	3542
47.0300	Special dies and tools and machine tool accessories	3544–5
47.0401	Power-driven handtools	3546
47.0402	Rolling mill machinery and equipment	3547
47.0404	Electric and gas welding and soldering equipment	3548
47.0405	Industrial patterns	3543
47.0500	Metalworking machinery, n.e.c.	3549
48	**Special industry machinery and equipment:**	
48.0100	Food products machinery	3556
48.0200	Textile machinery	3552
48.0300	Woodworking machinery	3553
48.0400	Paper industries machinery	3554
48.0500	Printing trades machinery and equipment	3555
48.0600	Special industry machinery, n.e.c.	3559
49	**General industrial machinery and equipment:**	
49.0100	Pumps and compressors	3561, 3563
49.0200	Ball and roller bearings	3562
49.0300	Blowers and fans	3564
49.0500	Mechanical power transmission equipment	3566, 3568
49.0600	Industrial process furnaces and ovens	3567
49.0700	General industrial machinery and equipment, n.e.c.	3569
49.0800	Packaging machinery	3565
50	**Miscellaneous machinery, except electrical:**	
50.0100	Carburetors, pistons, rings, and valves	3592
50.0200	Fluid power equipment	3593–4
50.0300	Scales and balances, except laboratory	3596
50.0400	Industrial and commercial machinery and equipment, n.e.c.	3599
51	**Computer and office equipment:**	
51.0102	Calculating and accounting machines	3578
51.0103	Electronic computers	3571
51.0104	Computer peripheral equipment	3572, 3575, 3577
51.0400	Office machines, n.e.c.	3579
52	**Service industry machinery:**	
52.0100	Automatic vending machines	3581
52.0200	Commercial laundry equipment	3582
52.0300	Refrigeration and heating equipment	3585
52.0400	Measuring and dispensing pumps	3586
52.0500	Service industry machinery, n.e.c.	3589
53	**Electrical industrial equipment and apparatus:**	
53.0200	Power, distribution, and specialty transformers	3612
53.0300	Switchgear and switchboard apparatus	3613
53.0400	Motors and generators	3621
53.0500	Relays and industrial controls	3625
53.0700	Carbon and graphite products	3624
53.0800	Electrical industrial apparatus, n.e.c.	3629
54	**Household appliances:**	
54.0100	Household cooking equipment	3631
54.0200	Household refrigerators and freezers	3632
54.0300	Household laundry equipment	3633
54.0400	Electric housewares and fans	3634
54.0500	Household vacuum cleaners	3635
54.0700	Household appliances, n.e.c.	3639
55	**Electric lighting and wiring equipment:**	
55.0100	Electric lamp bulbs and tubes	3641
55.0200	Lighting fixtures and equipment	3645–8
55.0300	Wiring devices	3643–4
56	**Audio, video, and communication equipment:**	
56.0100	Household audio and video equipment	3651
56.0200	Prerecorded records and tapes	3652
56.0300	Telephone and telegraph apparatus	3661
56.0500	Communication equipment	3663, 3669
57	**Electronic components and accessories:**	
57.0100	Electron tubes	3671
57.0200	Semiconductors and related devices	3674
57.0300	Other electronic components	3672, 3675–9
58	**Miscellaneous electrical machinery and supplies:**	
58.0100	Storage batteries	3691
58.0200	Primary batteries, dry and wet	3692
58.0400	Electrical equipment for internal combustion engines	3694
58.0600	Magnetic and optical recording media	3695
58.0700	Electrical machinery, equipment, and supplies, n.e.c.	3699
59A	**Motor vehicles (passenger cars and trucks):**	
59.0301	Motor vehicles and passenger car bodies	3711
59B	**Truck and bus bodies, trailers, and motor vehicles parts:**	
59.0100	Truck and bus bodies	3713
59.0200	Truck trailers	3715
59.0302	Motor vehicle parts and accessories	3714
60	**Aircraft and parts:**	
60.0100	Aircraft	3721
60.0200	Aircraft and missile engines and engine parts	3724, 3764
60.0400	Aircraft and missile equipment, n.e.c.	3728, 3769
61	**Other transportation equipment:**	
61.0100	Ship building and repairing	3731
61.0200	Boat building and repairing	3732
61.0300	Railroad equipment	374
61.0500	Motorcycles, bicycles, and parts	375
61.0601	Travel trailers and campers	3792
61.0603	Motor homes	3716
61.0700	Transportation equipment, n.e.c.	3799
62	**Scientific and controlling instruments:**	
62.0101	Search and navigation equipment	381
62.0102	Laboratory apparatus and furniture	3821
62.0200	Mechanical measuring devices	3823–4, 3829
62.0300	Environmental controls	3822
62.0400	Surgical and medical instruments and apparatus	3841
62.0500	Surgical appliances and supplies	3842
62.0600	Dental equipment and supplies	3843
62.0700	Watches, clocks, watchcases, and parts	387
62.0800	X-ray apparatus and tubes	3844
62.0900	Electromedical and electrotherapeutic apparatus	3845
62.1000	Laboratory and optical instruments	3826–7
62.1100	Instruments to measure electricity	3825

Appendix A.—Classification of Industries in the 1992 Benchmark Input-Output Accounts—Continued

I-O industry number and title	Related 1987 SIC codes
63 Ophthalmic and photographic equipment:	
63.0200 Ophthalmic goods	385
63.0300 Photographic equipment and supplies	386
64 Miscellaneous manufacturing:	
64.0101 Jewelry, precious metal	3911
64.0102 Jewelers' materials and lapidary work	3915
64.0104 Silverware and plated ware	3914
64.0105 Costume jewelry	3961
64.0200 Musical instruments	393
64.0301 Games, toys, and children's vehicles	3944
64.0302 Dolls and stuffed toys	3942
64.0400 Sporting and athletic goods, n.e.c.	3949
64.0501 Pens, mechanical pencils, and parts	3951
64.0502 Lead pencils and art goods	3952
64.0503 Marking devices	3953
64.0504 Carbon paper and inked ribbons	3955
64.0700 Fasteners, buttons, needles, and pins	3965
64.0800 Brooms and brushes	3991
64.0900 Hard surface floor coverings, n.e.c.	3996
64.1000 Burial caskets	3995
64.1100 Signs and advertising specialties	3993
64.1200 Manufacturing industries, n.e.c.	3999
TRANSPORTATION, COMMUNICATIONS, AND UTILITIES	
65A Railroads and related services; passenger ground transportation:	
65.0100 Railroads and related services	40, 474
65.0200 Local and suburban transit and interurban highway passenger transportation.	41
65B Motor freight transportation and warehousing:	
65.0301 Trucking and courier services, except air	421, 423
65.0302 Warehousing and storage	422
65C Water transportation:	
65.0400 Water transportation	44
65D Air transportation:	
65.0500 Air transportation	45
65E Pipelines, freight forwarders, and related services:	
65.0600 Pipelines, except natural gas	46
65.0701 Freight forwarders and other transportation services	473, 478
65.0702 Arrangement of passenger transportation	472
66 Communications, except radio and TV:	
66.0100 Telephone and telegraph communications, and communications services, n.e.c.	481–2, 489
66.0200 Cable and other pay television services	484
67 Radio and TV broadcasting:	
67.0000 Radio and TV broadcasting	483
68A Electric services (utilities):	
68.0100 Electric services (utilities)	491, 4931
68B Gas production and distribution (utilities):	
68.0201 Natural gas transportation	4922, *4923
68.0202 Natural gas distribution	*4923, 4924, 4925, 4932, 4939
68C Water and sanitary services:	
68.0301 Water supply and sewerage systems	494, 4952
68.0302 Sanitary services, steam supply, and irrigation systems.	4953, 4959, 496–7
WHOLESALE AND RETAIL TRADE	
69A Wholesale trade:	
69.0100 Wholesale trade	50, 51
69B Retail trade:	
69.0200 Retail trade, except eating and drinking	52–7, 59
FINANCE, INSURANCE, AND REAL ESTATE	
70A Finance:	
70.0100 Banking	60
70.0200 Credit agencies other than banks	61, 67 (excl. 6732)
70.0300 Security and commodity brokers	62
70B Insurance:	
70.0400 Insurance carriers	63
70.0500 Insurance agents, brokers, and services	64
71A Owner-occupied dwellings:	
71.0100 Owner-occupied dwellings	
71B Real estate and royalties:	
71.0201 Real estate agents, managers, operators, and lessors.	65 (excl. 6552)
71.0202 Royalties	
SERVICES	
72A Hotels and lodging places:	
72.0101 Hotels	701
72.0102 Other lodging places	702–4
72B Personal and repair services (except auto):	
72.0201 Laundry, cleaning, garment services, and shoe repair.	721, 725
72.0202 Funeral service and crematories	726
72.0203 Portrait photographic studios, and other miscellaneous personal services.	722, 729
72.0204 Electrical repair shops	762
72.0205 Watch, clock, jewelry, and furniture repair	763–4
72.0300 Beauty and barber shops	723–4
73A Computer and data processing services:	
73.0104 Computer and data processing services	737
73B Legal, engineering, accounting, and related services:	
73.0301 Legal services	81
73.0302 Engineering, architectural, and surveying services	871
73.0303 Accounting, auditing, and bookkeeping, and miscellaneous services, n.e.c.	872, 89
73C Other business and professional services, except medical:	
73.0101 Miscellaneous repair shops	769
73.0102 Services to dwellings and other buildings	734
73.0103 Personnel supply services	736
73.0106 Detective and protective services	7381–2
73.0107 Miscellaneous equipment rental and leasing	735
73.0108 Photofinishing labs and commercial photography	7335–6, 7384
73.0109 Other business services	732, 7331, 7334, 7338, 7383, 7389
73.0111 Management and consulting services	874
73.0112 Testing and research labs	8731–2, 8734
73D Advertising:	
73.0200 Advertising	731
74 Eating and drinking places:	
74.0000 Eating and drinking places	58
75 Automotive repair and services:	
75.0001 Automotive rental and leasing, without drivers	751
75.0002 Automotive repair shops and services	753, 7549
75.0003 Automobile parking and car washes	752, 7542
76 Amusements:	
76.0101 Motion picture services and theaters	781–3
76.0102 Video tape rental	784
76.0201 Theatrical producers (except motion picture), bands, orchestras, and entertainers.	792
76.0202 Bowling centers	793
76.0203 Professional sports clubs and promoters	7941
76.0204 Racing, including track operation	7948
76.0205 Physical fitness facilities and membership sports and recreation clubs.	7991, 7997
76.0206 Other amusement and recreation services	791, 7992–3, 7996, 7999
77A Health services:	
77.0100 Doctors and dentists	801–3, 8041
77.0200 Hospitals	806
77.0301 Nursing and personal care facilities	805
77.0303 Home health care services	808
77.0304 Veterinary services	074
77.0305 Other medical and health services	8042, 8043, 8049, 807, 809
77B Educational and social services, and membership organizations:	
77.0401 Elementary and secondary schools	821
77.0402 Colleges, universities, and professional schools	822
77.0403 Private libraries, vocational schools, and educational services, n.e.c.	823–4, 829
77.0501 Business associations and professional membership organizations.	861–2
77.0502 Labor organizations, civic, social, and fraternal associations.	863–4
77.0503 Religious organizations	866
77.0504 Other membership organizations	84, 865, 869, 8733, 6732
77.0600 Job training and related services	833
77.0700 Child day care services	835
77.0800 Residential care	836
77.0900 Social services, n.e.c.	832, 839

Appendix A.—Classification of Industries in the 1992 Benchmark Input-Output Accounts—Continued

I-O industry number and title		Related 1987 SIC codes
SPECIAL INDUSTRIES		
78	**Federal Government enterprises:**	
78.0100	U.S. Postal Service	(1)
78.0200	Federal electric utilities	(1)
78.0500	Other Federal Government enterprises	(1)
79	**State and local government enterprises:**	
79.0100	State and local government passenger transit	(1)
79.0200	State and local government electric utilities	(1)
79.0300	Other State and local government enterprises	(1)
80	**Noncomparable imports:**	
80.0000	Noncomparable imports	(2)
81	**Scrap, used and secondhand goods:**	
81.0001	Scrap	(3)
81.0002	Used and secondhand goods	(3)
82	**General government industry:**	
82.0000	General government industry	(4)
83	**Rest of the world adjustment to final uses:**	
83.0000	Rest of the world adjustment to final uses	(5)
84	**Household industry:**	
84.0000	Household industry	(6)
85	**Inventory valuation adjustment:**	
85.0000	Inventory valuation adjustment	(7)

1. The SIC assigns the same codes to the activities regardless of whether the establishment is owned by private firms and government agencies, but the SIC codes in the I-O accounts are only used for classifying 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. Industry output is zero because there is no primary producing industry. Scrap is a secondary product of many industries, and used goods are sales and purchases typically between final uses. 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 the construction industry.
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 is an adjustment needed to eliminate inventory profits or losses from the change in inventory component of gross output.

Appendix B.—Classification of Value Added and Final Uses in the 1992 Benchmark Input-Output Accounts

[The titles in boldface represent the value added and final use components used for the summary version of the 1992 tables.]

I-O number	I-O title
	VALUE ADDED
VA	**Total value added**
88.0000	Compensation of employees
89.0000	Indirect business tax and nontax liability
90.0000	Other value added
	FINAL USES
91	**Personal consumption expenditures:**
91.0000	Personal consumption expenditures
92	**Gross private fixed investment:**
92.0000	Gross private fixed investment
93	**Change in business inventories:**
93.0000	Change in business inventories
94	**Exports of goods and services:**
94.0000	Exports of goods and services
95	**Imports of goods and services:**
95.0000	Imports of goods and services
96C	**Federal Government consumption expenditures, national defense:**
96.00C0	Federal Government consumption expenditures, national defense
96I	**Federal Government gross investment, national defense:**
96.00I0	Federal Government gross investment, national defense
97C	**Federal Government consumption expenditures, nondefense:**
97.00C0	Federal Government consumption expenditures, nondefense
97I	**Federal Government gross investment, nondefense:**
97.00I0	Federal Government gross investment, nondefense
98C	**State and local government consumption expenditures, education:**
98.00C1	State and local government consumption expenditures, elementary and secondary public school systems
98.00C2	State and local government consumption expenditures, public educational facilities beyond high school
98.00C3	State and local government consumption expenditures, other education and libraries
98I	**State and local government gross investment, education:**
98.00I1	State and local government gross investment, elementary and secondary public school systems
98.00I2	State and local government gross investment, public educational facilities beyond high school
98.00I3	State and local government gross investment, other education and libraries
99C	**State and local government consumption expenditures, other:**
99.10C1	State and local government consumption expenditures, hospitals and categorical health programs
99.10C2	State and local government consumption expenditures, public welfare institutions and activities
99.10C4	State and local government consumption expenditures, sanitation
99.20C1	State and local government consumption expenditures, police
99.20C2	State and local government consumption expenditures, fire fighting organizations and auxiliary services
99.20C3	State and local government consumption expenditures, correctional institutions
99.30C1	State and local government consumption expenditures, public highways (excluding non-capital expenditures of toll roads)
99.30C8	State and local government consumption expenditures, natural and agricultural resources and recreation facilities
99.30C9	State and local government consumption expenditures, other general government activities n.e.c.
99C	**State and local government gross investment, other:**
99.10I1	State and local government gross investment, hospitals and categorical health programs
99.10I2	State and local government gross investment, public welfare institutions and activities
99.10I3	State and local government gross investment, public sewerage systems
99.10I4	State and local government gross investment, sanitation
99.20I1	State and local government gross investment, police
99.20I2	State and local government gross investment, fire fighting organizations and auxiliary services
99.20I3	State and local government gross investment, correctional institutions
99.30I1	State and local government gross investment, public highways
99.30I2	State and local government gross investment, waterports and airports
99.30I3	State and local government gross investment, government-operated transit systems
99.30I4	State and local government gross investment, other commerce activities, n.e.c.
99.30I5	State and local government gross investment, gas and electric utilities
99.30I6	State and local government gross investment, government-operated water supply facilities
99.30I7	State and local government gross investment, redevelopment projects
99.30I8	State and local government gross investment, natural and agricultural resources and recreation facilities
99.30I9	State and local government gross investment, other general government activities n.e.c.

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 For the distribution of commodities produced by an industry, read the row for that industry	Livestock and livestock products	Other agricultural products	Forestry and fishery products	Agricultural, forestry, and fishery services	Metallic ores mining	Coal mining	Crude petroleum and natural gas	Nonmetallic minerals mining	New construction	Maintenance and repair construction
	Commodity number	1	2	3	4	5+6	7	8	9+10	11	12
1	Livestock and livestock products	89,375		205	503						
2	Other agricultural products		104,546	2,047	1,051						
3	Forestry and fishery products			9,613							
4	Agricultural, forestry, and fishery services				28,251						
5+6	Metallic ores mining					10,726	8		11		
7	Coal mining						26,907		2		
8	Crude petroleum and natural gas							97,613			
9+10	Nonmetallic minerals mining					12	2		11,720		
11	New construction									456,949	
12	Maintenance and repair construction										222,381
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							10	3		
27B	Agricultural fertilizers and chemicals								1		
28	Plastics and synthetic materials										
29A	Drugs										
29B	Cleaning and toilet preparations										
30	Paints and allied products										
31	Petroleum refining and related products								127		
32	Rubber and miscellaneous plastics products										
33+34	Footwear, leather, and leather products										
35	Glass and glass products										
36	Stone and clay products					1			419		
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	Opthalmic 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										
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**	**89,375**	**104,546**	**11,865**	**29,805**	**10,739**	**26,917**	**97,623**	**12,283**	**456,949**	**222,381**

by Industries, 1992

at producers' prices]

Ordnance and accessories	Food and kindred products	Tobacco products	Broad and narrow fabrics, yarn and thread mills	Miscellaneous textile goods and floor coverings	Apparel	Miscellaneous fabricated textile products	Lumber and wood products	Furniture and fixtures	Paper and allied products, except containers	Paperboard containers and boxes	Newspapers and periodicals	Other printing and publishing	Industrial and other chemicals	Agricultural fertilizers and chemicals	Industry number
13	14	15	16	17	18	19	20+21	22+23	24	25	26A	26B	27A	27B	
	887														1
							135								2
															3
															4
													2		5+6
													8		7
													102		8
													1,535		9+10
															11
															12
21,180									1				38		13
	407,209					7			18	8			800	2	14
		40,124							4				13		15
			37,131	254	226	1,675			1						16
			37	16,995	6	118	1	1	96	3					17
			265	34	68,354	314			2						18
			80	48	13	18,650	4	40	26			18			19
	1					3	86,328	161	24	11			9	7	20+21
5						20	127	42,228	11			3			22+23
		23		239		36	112	17	96,241	108		341	213		24
	7						9		81	31,260		48			25
											18,942	2,376			26A
	100			31		19	1		570	34	953	78,033	9		26B
1	328			3			4	2	19			2	96,890	886	27A
	62						9		1				1,218	16,041	27B
				219									4,718	235	28
	38												578	173	29A
	49			1		3			23				944	358	29B
									6				81	5	30
									28				5,318	100	31
5	34		5	52		48	172	42	454	141		21	156	26	32
	9		8		11	23	1	4		1		15			33+34
						3	3	15		33					35
	1			69		7	14	5	133				104	2	36
						2			2				27	5	37
			2					1					187		38
										29		11			39
						1	71	67					34		40
1						2	3	8		4		2			41
4				5		8	29	49	229	106		110	3	1	42
															43
5	4						4	6				27			44+45
	4						1	33							46
								1				1	51		47
	15			2				2					26		48
				1		3	1		6				20		49
1								1							50
									19				18		51
	5					5		41	1						52
4						3									53
						6	18	5					9		54
							2	2	10			26	12		55
								3				18			56
												2	6		57
						1			8						58
															59A
52				1		11	1	9							59B
418													19		60
17						17	37	1							61
517				25		2	4	70	322				57	1	62
				3		1		5	150			17	127	8	63
7	4			1	27	33	36	30	11	5		123	27		64
															65A
															65B
															65C
															65D
															65E
															66
															67
															68A
															68B
															68C
															69A
															69B
															70A
															70B
															71A
															71B
															72A
															72B
															73A
															73B
												8			73C
															73D
															74
															75
															76
															77A
															77B
															78
															79
															82
															84
															85
22,217	**408,757**	**40,147**	**37,528**	**17,983**	**68,637**	**21,021**	**87,127**	**42,849**	**98,497**	**31,743**	**19,895**	**81,202**	**113,359**	**17,850**	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 For the distribution of commodities produced by an industry, read the row for that industry	Plastics and synthetic materials	Drugs	Cleaning and toilet prepara-tions	Paints and allied products	Petroleum refining and related products	Rubber and miscel-laneous plastics products	Footwear, leather, and leather products	Glass and glass products	Stone and clay products	Primary iron and steel manufacturing
	Commodity number	28	29A	29B	30	31	32	33+34	35	36	37
1	Livestock and livestock products										
2	Other agricultural products										
3	Forestry and fishery products										
4	Agricultural, forestry, and fishery services										
5+6	Metallic ores mining									2	
7	Coal mining										
8	Crude petroleum and natural gas					7,654					
9+10	Nonmetallic minerals mining					69				344	
11	New construction										
12	Maintenance and repair construction										
13	Ordnance and accessories			8							12
14	Food and kindred products		179	81			27	143			
15	Tobacco products										
16	Broad and narrow fabrics, yarn and thread mills	2,338					2	2			
17	Miscellaneous textile goods and floor coverings	116	2			25	99	29			
18	Apparel	3		3			37	42			
19	Miscellaneous fabricated textile products			15			57	12			
20+21	Lumber and wood products						79		61	7	
22+23	Furniture and fixtures				1		67	1	97	8	17
24	Paper and allied products, except containers		1	333	7		923			17	
25	Paperboard containers and boxes			3			303				
26A	Newspapers and periodicals										
26B	Other printing and publishing						14	41		3	
27A	Industrial and other chemicals	5,575	469	1,468	240	2,136	294		7	117	26
27B	Agricultural fertilizers and chemicals	334	93	44		10	1	1		1	
28	Plastics and synthetic materials	41,780	137	86	15	17	788			3	2
29A	Drugs	10	60,829	761			2				
29B	Cleaning and toilet preparations	150	340	37,522	38	73	17			14	
30	Paints and allied products	114		9	13,893	7	3			22	
31	Petroleum refining and related products	125	3	100	6	139,755	13		16	80	4
32	Rubber and miscellaneous plastics products	372	2	31	34	1	107,428	17	59	6	29
33+34	Footwear, leather, and leather products						33	9,226			
35	Glass and glass products						64		17,551	6	
36	Stone and clay products	8	37	27	19	65	125		49	41,399	13
37	Primary iron and steel manufacturing	1					3			9	72,986
38	Primary nonferrous metals manufacturing						39		60	8	342
39	Metal containers						13				
40	Heating, plumbing, and fabricated structural metal products	1					412		23	34	43
41	Screw machine products and stampings				1		59	2	6	8	6
42	Other fabricated metal products			1	3		253	12	4	34	90
43	Engines and turbines										12
44+45	Farm, construction, and mining machinery					4	3				71
46	Materials handling machinery and equipment						13				2
47	Metalworking machinery and equipment			1			57			47	54
48	Special industry machinery and equipment						34		1	4	13
49	General industrial machinery and equipment						20			6	50
50	Miscellaneous machinery, except electrical						22		1		26
51	Computer and office equipment						13			9	6
52	Service industry machinery			26			18				32
53	Electrical industrial equipment and apparatus	5				15	6			9	1
54	Household appliances			1			3		13		
55	Electric lighting and wiring equipment	10			55		33	2	20	1	75
56	Audio, video, and communication equipment						1			9	
57	Electronic components and accessories						43		1		5
58	Miscellaneous electrical machinery and supplies			3			24			10	
59A	Motor vehicles (passenger cars and trucks)										
59B	Truck and bus bodies, trailers, and motor vehicles parts	1					8	1		29	2
60	Aircraft and parts		1				35				2
61	Other transportation equipment						19				
62	Scientific and controlling instruments		226	15			91	1	12	3	1
63	Opthalmic and photographic equipment				67		82			1	
64	Miscellaneous manufacturing	1	2	19			133	6		4	
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										
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									37	
82	General government industry										
84	Household industry										
85	Inventory valuation adjustment										
T	**Total commodity output**	**50,944**	**62,321**	**40,557**	**14,379**	**149,831**	**111,813**	**9,538**	**17,981**	**42,291**	**73,922**

by Industries, 1992—Continued

at producers' prices]

Primary non-ferrous 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	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	5+6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	9+10
...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
13	...	9	19	4	...	1	11	17	4	6	6	...	22	13
...	3	...	...	...	...	...	...	...	1	...	...	...	4	14
...	...	...	...	...	...	...	...	...	...	...	...	...	...	15
...	...	...	...	7	...	...	...	...	...	...	...	...	...	16
1	...	...	...	5	...	...	...	...	...	...	...	...	...	17
...	...	...	...	9	...	...	...	...	12	...	...	...	...	18
...	...	1	2	26	...	...	...	...	...	...	...	2	...	19
...	...	79	3	28	...	...	...	...	...	...	...	1	...	20+21
8	7	37	11	107	...	12	23	2	...	1	2	...	22	22+23
...	...	...	3	259	...	...	1	...	...	1	...	11	3	24
...	29	...	1	2	...	...	...	7	...	1	...	17	...	25
...	...	...	...	...	...	...	...	...	...	...	...	...	...	26A
...	155	...	1	67	...	...	...	2	14	4	...	11	...	26B
1,222	...	2	...	14	...	36	...	4	11	...	...	...	1	27A
...	...	1	...	1	...	...	...	...	...	9	...	...	1	27B
...	...	...	...	...	...	...	...	...	...	4	...	...	...	28
...	...	...	...	...	...	...	...	...	1	...	...	...	...	29A
...	...	...	...	1	...	...	...	...	1	1	...	...	8	29B
...	...	...	...	...	...	...	...	...	7	1	...	...	...	30
...	...	...	...	...	...	5	...	...	...	...	...	...	1	31
105	10	118	120	242	3	26	3	565	44	99	18	...	6	32
...	...	...	1	7	...	...	...	...	1	...	...	...	...	33+34
...	...	10	35	5	...	...	...	3	...	...	...	...	1	35
34	...	29	26	33	...	8	...	81	3	...	1	...	4	36
452	...	121	18	2,182	...	21	...	189	3	21	18	4	...	37
62,324	...	...	38	214	...	1	...	197	4	...	9	...	1	38
1	12,986	3	1	21	...	...	...	...	...	...	...	...	...	39
80	28	47,327	176	439	7	36	37	70	47	99	133	2	55	40
19	14	40	32,765	158	1	23	3	657	4	51	92	2	17	41
76	4	268	185	51,070	1	46	24	162	58	143	271	1	26	42
...	...	93	5	15	15,965	12	...	7	2	94	63	...	...	43
...	...	68	336	190	107	30,055	136	126	21	133	95	...	12	44+45
...	...	36	2	21	...	65	7,773	28	28	73	13	1	7	46
8	...	23	87	128	...	243	31	24,194	146	85	225	1	5	47
3	...	18	3	37	1	54	88	137	19,302	211	58	3	85	48
1	...	94	16	168	221	108	63	90	183	28,058	137	...	169	49
7	2	197	95	348	31	8	5	239	20	55	23,383	...	3	50
...	...	1	9	13	1	1	...	5	1	1	14	58,040	...	51
1	...	192	33	64	2	4	9	4	64	122	13	4	24,998	52
1	...	7	23	12	26	15	4	26	2	144	2	29	17	53
1	...	30	52	1	...	4	...	23	1	12	...	...	182	54
21	...	2	2	74	...	...	4	34	6	8	137	34	...	55
...	...	21	12	4	...	1	5	2	1	...	...	298	...	56
61	...	1	31	97	...	...	...	4	113	3	4	2,816	...	57
306	...	3	6	12	2	...	...	6	...	9	7	17	3	58
...	...	...	375	...	20	26	...	20	...	...	...	...	...	59A
51	...	49	33	42	531	50	40	54	...	62	59	5	138	59B
7	...	14	2	111	784	1	...	19	5	27	95	3	3	60
...	...	110	5	2	39	57	10	8	4	1	37	3	...	61
7	...	38	21	196	153	7	20	58	93	109	53	70	4	62
...	...	1	4	...	...	...	...	...	9	11	...	688	...	63
3	...	7	7	82	...	20	...	6	2	19	1	25	3	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
64,813	**13,238**	**49,050**	**34,564**	**56,518**	**17,895**	**30,946**	**8,290**	**27,046**	**20,218**	**29,678**	**24,946**	**62,088**	**25,801**	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 For the distribution of commodities produced by an industry, read the row for that industry	Electrical industrial equipment and apparatus	Household appliances	Electric lighting and wiring equipment	Audio, video, and communication equipment	Electronic components and accessories	Miscellaneous electrical machinery and supplies	Motor vehicles (passenger cars and trucks)	Truck and bus bodies, trailers, and motor vehicles parts	Aircraft and parts	Other transportation equipment
	Commodity number	53	54	55	56	57	58	59A	59B	60	61
1	Livestock and livestock products										
2	Other agricultural products										
3	Forestry and fishery products										
4	Agricultural, forestry, and fishery services										
5+6	Metallic ores mining										
7	Coal mining										
8	Crude petroleum and natural gas										
9+10	Nonmetallic minerals mining										
11	New construction										
12	Maintenance and repair construction										
13	Ordnance and accessories	1			116	16	47		8	2,986	
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		5								
20+21	Lumber and wood products			2		8					
22+23	Furniture and fixtures	2	17	31	12	22			5		4
24	Paper and allied products, except containers	1			12		371				
25	Paperboard containers and boxes										
26A	Newspapers and periodicals										
26B	Other printing and publishing					1					
27A	Industrial and other chemicals			2		8	3				
27B	Agricultural fertilizers and chemicals						1				
28	Plastics and synthetic materials										
29A	Drugs										
29B	Cleaning and toilet preparations		4				4				
30	Paints and allied products	3								29	
31	Petroleum refining and related products										
32	Rubber and miscellaneous plastics products	45	116	150	1	84	8		26	6	5
33+34	Footwear, leather, and leather products										
35	Glass and glass products	1		5					25	1	
36	Stone and clay products	7		9		28	17		41	5	
37	Primary iron and steel manufacturing	9		173		5			175		
38	Primary nonferrous metals manufacturing			13	143	106	12			3	
39	Metal containers										
40	Heating, plumbing, and fabricated structural metal products	4	97	7		12	6		39	5	21
41	Screw machine products and stampings	1	60	13	4	16	2		295		9
42	Other fabricated metal products	93	3	47		28	3		105	71	22
43	Engines and turbines	431					3		170	148	5
44+45	Farm, construction, and mining machinery	27	3	58			1		137	11	275
46	Materials handling machinery and equipment	26		1					8	1	12
47	Metalworking machinery and equipment	55	79	15		12	7		9	3	4
48	Special industry machinery and equipment	11	25	7		30	4		10		
49	General industrial machinery and equipment	104	4	16		21	5		93	5	2
50	Miscellaneous machinery, except electrical	144				7	213	7	172	37	4
51	Computer and office equipment	19		4	83	3,683	267				
52	Service industry machinery	9	83	3	7	13	4		633		7
53	Electrical industrial equipment and apparatus	26,759	7	185	23	162	100		64	16	1
54	Household appliances	174	16,033	16	9		6		20		
55	Electric lighting and wiring equipment	203	3	17,802	64	170	12	8	161	2	
56	Audio, video, and communication equipment	38	268	66	48,977	933	158		50	4	
57	Electronic components and accessories	118	6	95	135	67,069	105				
58	Miscellaneous electrical machinery and supplies	38	11	118	261	100	18,906		236	29	3
59A	Motor vehicles (passenger cars and trucks)							147,890	2,363		20
59B	Truck and bus bodies, trailers, and motor vehicles parts	47		9	126	238	458	1,765	76,069	34	39
60	Aircraft and parts	2		2	59	2	11		100	98,325	48
61	Other transportation equipment	68					19	8	62	2	29,393
62	Scientific and controlling instruments	133	8	197	911	521	291		182	431	1
63	Opthalmic and photographic equipment			2	20		53				
64	Miscellaneous manufacturing	1	1	7	18	3	6	6			32
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										
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**	**28,574**	**16,833**	**19,055**	**50,981**	**73,298**	**21,103**	**149,684**	**81,258**	**102,154**	**29,907**

by Industries, 1992—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 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 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	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	11	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	5+6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	9+10
...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
1,235	...	...	...	...	...	...	...	...	...	...	...	...	...	13
...	...	...	...	...	...	...	...	...	...	...	...	...	...	14
...	...	...	...	...	...	...	...	...	...	...	...	...	...	15
10	...	...	...	...	...	...	...	...	...	...	...	...	...	16
26	...	20	...	...	...	...	...	...	...	...	...	...	...	17
49	...	8	...	...	...	...	...	...	...	...	...	...	...	18
3	...	53	...	...	...	...	...	...	...	...	...	...	...	19
3	2	12	...	...	...	...	...	...	...	...	...	...	...	20+21
14	...	41	...	...	...	...	...	...	...	...	...	...	...	22+23
151	10	100	...	...	...	...	...	...	...	...	...	...	...	24
...	...	38	...	...	...	...	...	...	...	...	...	...	...	25
14	...	...	...	...	...	...	...	...	...	...	...	...	...	26A
10	4	301	...	...	...	...	...	...	...	...	...	...	...	26B
17	7	16	...	...	...	...	...	...	...	...	...	...	...	27A
...	...	...	...	...	...	...	...	...	...	...	...	...	...	27B
...	7	...	...	...	...	...	...	...	...	...	...	...	...	28
240	17	7	...	...	...	...	...	...	...	...	...	...	...	29A
20	...	46	...	...	...	...	...	...	...	...	...	...	...	29B
...	...	18	...	...	...	...	...	...	...	...	...	...	...	30
...	...	9	...	...	...	...	...	...	...	...	...	...	...	31
107	25	230	...	...	...	...	...	...	...	...	...	...	...	32
13	...	15	...	...	...	...	...	...	...	...	...	...	...	33+34
37	...	5	...	...	...	...	...	...	...	...	...	...	...	35
22	1	30	...	...	...	...	...	...	...	...	...	...	...	36
62	...	3	...	...	...	...	...	...	...	...	43	...	...	37
7	...	5	...	...	...	...	...	...	...	...	...	...	...	38
...	...	...	...	...	...	...	...	...	...	...	...	...	...	39
22	...	6	...	...	...	...	...	...	...	...	...	...	...	40
11	...	27	...	...	...	...	...	...	...	...	...	...	...	41
254	1	54	...	...	...	...	...	...	...	...	...	...	...	42
2	...	...	...	...	...	...	...	...	...	...	...	...	...	43
13	...	2	...	...	...	...	...	...	...	...	...	...	...	44+45
...	...	...	...	...	...	...	...	...	...	...	...	...	...	46
30	...	1	...	...	...	...	...	...	...	...	...	...	...	47
28	11	3	...	...	...	...	...	...	...	...	...	...	...	48
55	...	16	...	...	...	...	...	...	...	...	...	...	...	49
25	...	1	...	...	...	...	...	...	...	...	...	...	...	50
36	88	85	...	...	...	...	...	...	...	...	...	...	...	51
18	...	4	...	...	...	...	...	...	...	...	...	...	...	52
139	...	2	...	...	...	...	...	...	...	...	...	...	...	53
9	6	2	...	...	...	...	...	...	...	...	...	...	...	54
98	7	8	...	...	...	...	...	...	...	...	...	...	...	55
1,225	...	12	...	...	...	...	...	...	...	...	...	...	...	56
214	6	5	...	...	...	...	...	...	...	...	...	...	...	57
786	301	17	...	...	...	...	...	...	...	...	...	...	...	58
...	...	...	...	...	...	...	...	...	...	...	...	...	...	59A
20	...	1	...	...	...	...	...	...	...	...	...	...	...	59B
1,606	...	8	...	...	...	...	...	...	...	...	...	...	...	60
1	...	69	...	...	...	...	...	...	...	...	...	...	...	61
100,484	103	42	...	...	...	...	...	...	...	...	...	...	...	62
738	22,143	1	...	...	...	...	...	...	...	...	...	...	...	63
61	6	38,127	...	...	...	...	...	...	...	...	...	...	...	64
...	...	...	55,576	174	...	...	...	...	...	...	...	...	...	65A
...	...	...	...	155,590	...	...	...	...	...	...	...	11,363	...	65B
...	...	...	...	...	32,440	...	...	...	...	...	...	...	...	65C
...	...	...	...	...	...	94,141	...	...	...	...	...	...	...	65D
...	...	...	542	1,320	194	2,632	28,928	...	...	...	...	...	...	65E
...	...	...	...	...	...	...	...	205,941	...	...	...	...	...	66
...	...	...	...	...	...	...	...	...	2,674	...	...	...	...	67
...	...	...	...	...	...	...	...	...	...	170,428	...	468	...	68A
...	...	...	...	...	...	...	...	...	...	...	92,953	204	...	68B
...	...	...	...	...	...	...	...	...	...	...	...	18,644	...	68C
...	...	...	...	...	...	...	...	...	...	...	...	...	568,970	69A
...	...	...	...	...	...	...	...	...	...	...	...	...	...	69B
...	...	...	...	...	...	...	...	...	...	...	...	...	...	70A
...	...	...	...	...	...	...	...	...	...	...	...	...	...	70B
...	...	...	...	...	...	...	...	...	...	...	...	...	...	71A
...	...	...	...	...	...	...	...	...	...	...	...	...	...	71B
...	...	...	...	...	...	...	...	...	...	...	...	...	...	72A
...	...	...	...	...	...	...	...	...	...	...	...	...	...	72B
...	...	...	...	...	...	...	...	...	...	...	...	...	...	73A
...	...	...	...	...	...	...	...	...	...	...	...	...	...	73B
...	...	...	...	...	...	...	38	...	...	...	...	...	...	73C
...	...	...	...	...	...	...	...	...	...	...	...	...	...	73D
...	...	...	...	...	...	...	...	...	...	...	...	...	...	74
...	...	...	...	15	...	...	...	...	...	...	...	...	...	75
...	...	...	...	...	...	...	...	...	...	...	...	...	...	76
...	...	...	...	...	...	...	...	...	...	...	...	...	...	77A
...	...	...	...	...	...	...	...	...	...	...	...	...	...	77B
...	...	...	...	...	...	...	...	...	...	6,504	...	...	...	78
...	...	...	5,940	...	1,713	2,046	...	...	...	18,763	3,159	19,586	...	79
...	...	...	...	...	...	...	...	...	...	...	...	...	...	82
...	...	...	...	...	...	...	...	...	...	...	...	...	...	84
...	...	...	...	...	...	...	...	...	...	...	...	...	...	85
107,915	**22,745**	**39,450**	**62,058**	**157,110**	**34,347**	**98,819**	**28,966**	**205,941**	**2,674**	**195,695**	**96,155**	**50,265**	**568,970**	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 For the distribution of commodities produced by an industry, read the row for that industry Commodity number	Retail trade 69B	Finance 70A	Insurance 70B	Owner-occupied dwellings 71A	Real estate and royalties 71B	Hotels and lodging places 72A	Personal and repair services (except auto) 72B	Computer and data processing services 73A	Legal, engineering, accounting, and related services 73B
1	Livestock and livestock products									
2	Other agricultural products									
3	Forestry and fishery products									
4	Agricultural, forestry, and fishery services									
5+6	Metallic ores mining									
7	Coal mining									
8	Crude petroleum and natural gas									
9+10	Nonmetallic minerals mining									
11	New construction									
12	Maintenance and repair 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								1,505	
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	Opthalmic 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	522,519								
70A	Finance		390,710	448						
70B	Insurance			231,097						
71A	Owner-occupied dwellings				457,250					
71B	Real estate and royalties			229		549,884				
72A	Hotels and lodging places					666	58,936			
72B	Personal and repair services (except auto)							91,564		
73A	Computer and data processing services								115,730	
73B	Legal, engineering, accounting, and related services								387	251,701
73C	Other business and professional services, except medical							449	416	896
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	2,092		–177		422		3		
79	State and local government enterprises	1,567	64	57		8,766				
82	General government industry									
84	Household industry									
85	Inventory valuation adjustment									
T	**Total commodity output**	**526,178**	**390,774**	**231,654**	**457,250**	**559,738**	**58,936**	**92,016**	**118,038**	**252,597**

by Industries, 1992—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		
				534									91,504	1
				504									108,294	2
													9,613	3
													28,251	4
													10,749	5+6
													26,917	7
													105,369	8
													13,682	9+10
													456,949	11
													222,381	12
													25,760	13
													408,482	14
									5				40,146	15
													41,646	16
													17,580	17
													69,132	18
													19,055	19
									36				86,865	20+21
									12				42,977	22+23
									79				99,613	24
									132				31,938	25
	35,360								19				56,711	26A
	30,114								72				110,564	26B
									57				109,880	27A
									2				17,831	27B
									29				48,040	28
									18				62,674	29A
									11				39,628	29B
													14,198	30
									19				145,709	31
									64				111,361	32
													9,368	33+34
									12				17,815	35
									28				42,904	36
									31				76,565	37
									57				63,773	38
													13,065	39
									50				49,491	40
									317				34,703	41
									17				53,974	42
									17				17,044	43
80									21				32,031	44+45
									4				8,152	46
									8				25,611	47
									5				20,231	48
									78				29,814	49
									17				25,071	50
									3				63,924	51
									36				26,455	52
													27,809	53
													16,636	54
									3				19,111	55
				49									52,155	56
													70,940	57
													21,223	58
									24				150,738	59A
									231				80,266	59B
													101,709	60
									11				30,000	61
									9				105,489	62
													24,131	63
	2,401								2				41,315	64
									4				55,754	65A
													166,953	65B
													32,440	65C
													94,141	65D
													33,616	65E
	2,153												208,094	66
	26,685												29,359	67
													170,896	68A
													93,157	68B
								424	114				19,182	68C
													568,970	69A
													522,519	69B
			25,114										416,272	70A
													231,097	70B
													457,250	71A
													550,113	71B
													59,602	72A
208													91,772	72B
													115,730	73A
4,273													256,361	73B
327,026	11,447		72	93									340,445	73C
214	29,651												29,865	73D
		280,187							521				280,708	74
131			138,235										138,381	75
74	18			121,276									121,368	76
379					564,607								564,986	77A
	701					227,631							228,332	77B
		1,830		98			50,200						60,972	78
			987	383				29,738					92,806	79
										764,389			764,389	82
											10,087		10,087	84
												–7,982	–7,982	85
332,385	**138,530**	**282,017**	**164,408**	**122,937**	**564,607**	**227,631**	**50,200**	**30,162**	**2,175**	**764,389**	**10,087**	**–7,982**	**10,822,647**	T

Table 2.1.—The Use of Commodities

[Millions of dollars

Commodity number	For the distribution of output of a commodity, read the row for that commodity / For the composition of inputs to an industry, read the column for that industry	Livestock and livestock products	Other agricultural products	Forestry and fishery products	Agricultural, forestry, and fishery services	Metallic ores mining	Coal mining	Crude petroleum and natural gas	Nonmetallic minerals mining	New construction	Maintenance and repair construction
	Industry number	1	2	3	4	5+6	7	8	9+10	11	12
1	Livestock and livestock products	12,133	5	66	672						
2	Other agricultural products	22,177	3,044		3,160			1		1,217	661
3	Forestry and fishery products			262	38						
4	Agricultural, forestry, and fishery services	4,050	7,787	2,023	152	16	17	3	6	1,335	814
5+6	Metallic ores mining					2,083					
7	Coal mining					15	3,042		58		
8	Crude petroleum and natural gas							20,296			
9+10	Nonmetallic minerals mining	7	289		2	7	10		474	3,291	2,154
11	New construction									170	
12	Maintenance and repair construction	997	1,273	335	290	206	70	2,293	101	270	154
13	Ordnance and accessories										
14	Food and kindred products	15,973		311	94						
15	Tobacco products										
16	Broad and narrow fabrics, yarn and thread mills		268				84				
17	Miscellaneous textile goods and floor coverings	139	213	56	80					1,189	660
18	Apparel						3	1			
19	Miscellaneous fabricated textile products		164	9	84					294	181
20+21	Lumber and wood products	44	460			36	67	1		23,353	14,386
22+23	Furniture and fixtures									1,346	5
24	Paper and allied products, except containers	211	251	17	7	4	4	1	9	1,808	608
25	Paperboard containers and boxes	6	728	23	136	4	6	2	2	266	143
26A	Newspapers and periodicals	7	8		5		1	2	18		
26B	Other printing and publishing	6	8	9	6		1	1	1	133	77
27A	Industrial and other chemicals	121	62	3	5	515	243	1,174	257	1,629	697
27B	Agricultural fertilizers and chemicals	215	8,358	28	2,177	1	2			1	
28	Plastics and synthetic materials										
29A	Drugs	288			1						
29B	Cleaning and toilet preparations	65		14				5		147	111
30	Paints and allied products				7			1		4,106	2,073
31	Petroleum refining and related products	796	2,937	343	175	261	633	632	493	5,445	4,505
32	Rubber and miscellaneous plastics products	396	605	7	32	90	243	15	147	7,039	3,899
33+34	Footwear, leather, and leather products	35						1			
35	Glass and glass products	8			11			2	7	1,055	156
36	Stone and clay products		136		5	58	104	189		23,431	6,224
37	Primary iron and steel manufacturing	11	17			287	82	1,191	160	3,699	1,519
38	Primary nonferrous metals manufacturing				2		13			3,484	1,677
39	Metal containers			2							
40	Heating, plumbing, and fabricated structural metal products	20	25			81	71	38	51	23,542	9,353
41	Screw machine products and stampings	34				13	134		11	284	111
42	Other fabricated metal products	139	259	8	67	2	63	448	9	9,166	3,653
43	Engines and turbines			12		27	93	22	42		
44+45	Farm, construction, and mining machinery	253	684	40	22	316	884	288	508	907	408
46	Materials handling machinery and equipment					66	157	52	187	1,327	22
47	Metalworking machinery and equipment	31	45		1	7	5	19	3	319	104
48	Special industry machinery and equipment				1					2	4
49	General industrial machinery and equipment	31	72	1	2	35	223	103	94	3,293	636
50	Miscellaneous machinery, except electrical	50	138	1	13	23	114	169	14	239	6
51	Computer and office equipment										
52	Service industry machinery			2	2		4	4	2	5,019	2,361
53	Electrical industrial equipment and apparatus	9	22	3		15	53	71	44	2,696	1,028
54	Household appliances									945	552
55	Electric lighting and wiring equipment	36	46	2	19		16	9	1	8,267	3,651
56	Audio, video, and communication equipment									1,896	626
57	Electronic components and accessories										
58	Miscellaneous electrical machinery and supplies	186	496	5	29	3	7	9	12	977	438
59A	Motor vehicles (passenger cars and trucks)										
59B	Truck and bus bodies, trailers, and motor vehicles parts	58	140	27	43	15	34	40	48	552	324
60	Aircraft and parts										
61	Other transportation equipment					2				64	35
62	Scientific and controlling instruments			14	9	2	1	1		1,503	586
63	Opthalmic and photographic equipment				8		3	11		48	23
64	Miscellaneous manufacturing	29	47		4	2	4	4	5	1,543	732
65A	Railroads and related services; passenger ground transportation	1,168	287	13	60	57	769	160	59	831	486
65B	Motor freight transportation and warehousing	1,933	1,142	26	248	143	311	252	227	7,043	3,521
65C	Water transportation	115	190	155	13	16	143	264	10	463	285
65D	Air transportation	15	82	32	329	34	95	246	38	640	326
65E	Pipelines, freight forwarders, and related services	90	21	1	2	1	5	9	2	10	6
66	Communications, except radio and TV	229	250	13	93	26	36	196	40	1,770	1,014
67	Radio and TV broadcasting										
68A	Electric services (utilities)	1,710	861	7	50	795	586	1,626	683	710	389
68B	Gas production and distribution (utilities)		314	2	2	77	35	2,821	274	113	
68C	Water and sanitary services	107	544	15			3	83	8	509	298
69A	Wholesale trade	4,931	5,971	203	974	302	846	935	475	18,148	8,719
69B	Retail trade			20	8	15	37	126	45	18,381	10,049
70A	Finance	466	509	79	174	80	183	589	129	2,934	1,329
70B	Insurance	311	371	48	77	26	44	113	46	2,710	842
71A	Owner-occupied dwellings										
71B	Real estate and royalties	3,973	9,375	12	215	94	565	17,182	158	2,478	1,297
72A	Hotels and lodging places	25	36	28	43	32	81	264	38	405	222
72B	Personal and repair services (except auto)	26	72	6	72	5	8	12	4	242	146
73A	Computer and data processing services	53	60	13	16	23	23	115	52	340	202
73B	Legal, engineering, accounting, and related services	60	75	222	412	155	408	1,882	131	31,394	8,059
73C	Other business and professional services, except medical	430	1,122	159	307	134	201	384	120	13,343	7,381
73D	Advertising	11	23	6	101	5	14	128	43	343	186
74	Eating and drinking places	9	16	35	58	42	96	312	55	503	271
75	Automotive repair and services	185	492	55	371	49	45	113	30	3,002	1,815
76	Amusements			2	219	1	8	30	1	56	33
77A	Health services	1,414									
77B	Educational and social services, and membership organizations	54	63	25	18	18	53	80	8	27	11
78	Federal Government enterprises	9	10	6	28	9	1		8	468	274
79	State and local government enterprises	16	36	1	16	4	3	2		14	8
80	Noncomparable imports		45			84	23	1,033	20		
81	Scrap, used and secondhand goods				2					5	3
82	General government industry										
83	Rest of the world adjustment to final uses										
84	Household industry										
85	Inventory valuation adjustment										
I	Total intermediate inputs	75,901	50,554	4,807	11,269	6,419	11,113	56,056	5,468	254,179	112,529
VA	Value added	15,603	57,740	4,806	16,982	4,330	15,804	49,313	8,214	202,770	109,852
T	**Total industry output**	**91,504**	**108,294**	**9,613**	**28,251**	**10,749**	**26,917**	**105,369**	**13,682**	**456,949**	**222,381**

by Industries, 1992

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	
...	71,965	...	389	52	19	...	...	...	...	...	...	...	...	...	1
...	31,764	3,095	2,692	46	56	...	...	...	11	...	...	...	587	...	2
...	2,988	...	...	...	195	...	7,058	5	...	...	...	5	29	10	3
25	117	4	10	5	11	5	25	22	41	8	26	29	46	7	4
...	...	...	...	...	...	...	...	...	...	...	...	...	1,055	17	5+6
2	202	26	27	14	20	3	4	12	366	25	...	...	206	29	7
...	...	...	...	...	...	...	...	...	...	...	...	...	3,459	624	8
...	...	...	...	...	...	...	...	...	324	...	...	...	1,009	918	9+10
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
147	1,703	86	220	163	279	64	286	185	1,205	159	331	565	1,092	148	12
362	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13
...	63,572	...	...	11	...	...	...	53	639	...	...	...	363	287	14
...	...	3,348	...	...	...	...	...	...	...	...	...	...	...	...	15
14	...	...	8,781	2,974	14,833	5,101	...	1,927	109	...	...	72	...	...	16
...	20	4	61	550	23	1,160	169	1,129	664	...	4	41	1	...	17
13	...	...	34	...	13,656	438	7	3	5	...	...	...	...	...	18
...	73	2	...	2	2,210	607	2	20	2	...	...	...	1	...	19
52	73	1	...	...	1	35	26,156	3,314	6,508	37	11	7	37	...	20+21
...	...	...	...	...	...	...	74	421	...	...	...	...	...	...	22+23
7	5,150	109	30	28	75	13	49	100	14,665	13,453	5,089	16,110	290	47	24
50	7,879	452	44	47	101	40	232	679	1,306	77	15	493	532	81	25
3	4	...	...	1	...	...	13	2	7	21	1,149	164	8	...	26A
...	1,188	258	2	1	30	12	15	12	193	7	3,927	12,341	19	106	26B
207	2,116	4	944	388	5	109	441	69	4,693	661	411	1,978	25,203	1,946	27A
21	1	...	...	...	...	...	211	...	24	...	...	...	926	2,046	27B
80	162	283	6,874	4,264	840	395	323	129	2,432	151	...	7	860	...	28
...	1,277	...	...	...	...	...	...	...	...	...	...	...	...	...	29A
...	484	68	43	75	283	...	8	32	421	...	...	...	116	71	29B
8	...	...	...	...	...	...	144	394	9	106	1	3	530	...	30
66	1,283	55	147	73	147	45	624	217	640	239	111	217	1,891	183	31
358	7,378	225	195	170	346	340	811	1,908	3,316	146	19	1,364	1,245	149	32
...	...	...	...	...	258	430	9	45	...	...	1	2	...	...	33+34
...	4,014	...	298	10	...	...	271	169	...	...	...	...	107	16	35
36	12	3	1	...	...	...	346	121	83	...	...	2	120	30	36
370	...	...	...	2	...	...	38	1,617	29	233	1	28	319	1	37
461	...	...	...	...	...	...	17	439	90	71	...	47	9	...	38
...	9,422	...	...	...	...	...	...	...	...	...	...	...	647	85	39
...	...	...	...	...	...	...	490	...	...	...	...	...	...	...	40
170	599	...	...	...	...	...	352	477	5	18	...	...	3	...	41
242	1,229	46	...	...	5	...	952	2,004	332	234	23	25	715	42	42
22	6	...	...	...	...	...	...	...	...	...	1	...	...	...	43
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	44+45
...	...	...	...	...	...	...	29	...	...	...	...	...	...	...	46
37	44	10	15	4	2	7	76	36	54	24	4	30	42	1	47
81	125	...	62	207	191	36	35	16	292	148	25	413	640	...	48
273	226	1	...	...	5	...	152	73	35	...	...	...	5	10	49
161	172	5	70	20	21	19	142	85	212	61	19	94	388	9	50
...	...	2	...	...	...	...	...	...	...	...	22	49	...	...	51
...	45	6	...	...	1	...	70	2	8	...	2	1	47	...	52
166	100	15	2	...	...	...	6	12	22	...	...	1	79	1	53
...	...	...	...	...	...	...	173	...	...	...	...	...	...	...	54
20	94	17	2	...	...	...	132	7	23	...	3	3	6	2	55
281	...	...	...	...	...	...	...	...	...	...	1	4	...	...	56
1,316	...	...	1	...	...	...	...	...	...	...	...	...	...	...	57
7	18	2	...	1	3	...	16	1	6	1	21	14	2	...	58
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	59A
1	198	2	6	3	10	...	238	16	22	8	39	33	12	4	59B
1,976	...	...	...	...	...	...	...	...	...	...	...	...	...	...	60
...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	61
805	8	3	...	...	...	...	1	10	21	6	19	114	98	8	62
6	9	1	3	1	2	1	12	6	10	2	147	792	21	1	63
...	26	5	...	1	712	23	36	11	4	1	21	70	3	...	64
30	2,580	37	165	102	70	22	633	141	1,136	378	182	497	1,185	279	65A
178	6,159	182	427	293	580	239	2,075	580	2,808	1,211	508	1,804	2,539	986	65B
...	868	9	15	23	5	6	137	15	190	12	4	24	390	86	65C
115	1,388	110	129	58	287	89	281	153	357	145	197	436	396	54	65D
1	12	2	...	...	2	...	4	...	8	2	4	3	186	1	65E
80	601	61	59	48	136	44	160	136	225	91	348	432	235	38	66
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	67
221	3,381	84	1,143	252	689	159	1,060	384	2,584	324	293	890	2,847	291	68A
44	1,656	15	203	96	230	67	183	101	1,189	77	56	236	2,188	375	68B
23	527	5	48	35	32	20	119	38	547	30	17	75	875	102	68C
655	22,495	716	1,926	697	2,947	940	5,197	2,977	5,006	1,967	1,344	3,999	5,778	919	69A
3	759	115	27	3	12	4	77	74	138	8	41	36	63	11	69B
172	2,676	261	230	117	453	134	591	341	675	206	403	751	792	186	70A
35	677	56	56	25	93	27	151	77	161	46	96	170	188	30	70B
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	71A
247	1,621	136	140	81	763	287	582	454	365	163	1,750	2,533	806	90	71B
78	1,063	121	108	53	208	58	260	129	299	95	172	337	334	55	72A
23	465	37	247	72	105	11	132	33	291	56	45	129	266	49	72B
224	676	66	103	57	96	27	174	82	382	78	366	399	390	78	73A
128	1,172	369	110	66	171	73	338	326	227	63	752	427	2,714	234	73B
398	4,067	292	498	194	3,071	179	1,010	689	1,429	396	2,071	1,838	1,748	384	73C
125	10,554	3,166	107	173	764	92	335	467	620	52	1,536	1,170	757	249	73D
103	1,306	145	151	68	288	83	350	185	373	117	205	418	413	65	74
53	1,532	118	181	79	157	37	430	114	678	148	214	535	587	112	75
5	199	44	4	3	26	2	21	7	30	7	35	41	34	4	76
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	77A
18	250	33	23	10	45	114	255	63	96	20	49	145	88	21	77B
4	169	54	22	19	63	26	53	53	56	17	431	274	66	4	78
14	358	26	24	27	156	52	143	76	164	18	68	153	82	29	79
6	498	17	28	10	25	2	9	33	101	14	64	183	877	28	80
...	...	...	...	37	...	...	...	7	800	...	...	...	...	5	81
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	82
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	83
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	84
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	85
10,829	283,455	14,415	27,127	11,811	45,814	11,677	55,007	23,515	59,763	21,638	22,694	53,053	69,592	11,644	I
14,931	125,027	25,731	14,519	5,769	23,318	7,378	31,858	19,462	39,850	10,300	34,017	57,511	40,288	6,187	VA
25,760	**408,482**	**40,146**	**41,646**	**17,580**	**69,132**	**19,055**	**86,865**	**42,977**	**99,613**	**31,938**	**56,711**	**110,564**	**109,880**	**17,831**	T

Table 2.1.—The Use of Commodities

[Millions of dollars

Commodity number	For the distribution of output of a commodity, read the row for that commodity For the composition of inputs to an industry, read the column for that industry	Plastics and synthetic materials	Drugs	Cleaning and toilet preparations	Paints and allied products	Petroleum refining and related products	Rubber and miscellaneous plastics products	Footwear, leather, and leather products	Glass and glass products	Stone and clay products	Primary iron and steel manufacturing
	Industry number	28	29A	29B	30	31	32	33+34	35	36	37
1	Livestock and livestock products	...	...	41	...	...	...	...	...	...	...
2	Other agricultural products	...	137	...	...	1	...	...	...	...	...
3	Forestry and fishery products	1	22	...	7	1	831	...	...	1	...
4	Agricultural, forestry, and fishery services	16	30	13	4	20	40	1	9	23	30
5+6	Metallic ores mining	...	...	...	20	21	...	...	17	19	2,194
7	Coal mining	58	18	9	2	7	16	2	98	283	1,349
8	Crude petroleum and natural gas	237	...	...	...	74,499	...	...	...	...	...
9+10	Nonmetallic minerals mining	...	1	13	4	407	13	...	192	2,889	231
11	New construction	...	...	...	...	...	...	...	...	...	...
12	Maintenance and repair construction	499	455	215	52	1,097	757	65	141	325	576
13	Ordnance and accessories	...	...	...	...	...	...	...	...	...	...
14	Food and kindred products	52	216	401	129	139	11	843	...	16	...
15	Tobacco products	...	...	...	...	...	...	...	...	...	...
16	Broad and narrow fabrics, yarn and thread mills	9	...	...	...	...	1,029	248	...	150	...
17	Miscellaneous textile goods and floor coverings	1	8	12	...	...	1,192	201	1	...	...
18	Apparel	2	...	...	...	...	9	4	...	...	...
19	Miscellaneous fabricated textile products	...	2	4	...	...	12	...	1	5	...
20+21	Lumber and wood products	...	1	2	...	3	171	...	173	165	152
22+23	Furniture and fixtures	...	...	...	...	...	...	...	...	...	...
24	Paper and allied products, except containers	760	153	117	2	113	957	54	41	477	25
25	Paperboard containers and boxes	212	664	1,503	1	133	1,391	31	752	159	16
26A	Newspapers and periodicals	2	6	1	...	3	8	...	...	2	2
26B	Other printing and publishing	1	387	160	11	7	38	1	2	6	97
27A	Industrial and other chemicals	16,336	1,529	3,859	2,895	2,093	5,376	328	699	1,090	904
27B	Agricultural fertilizers and chemicals	226	...	...	...	...	...	...	...	...	...
28	Plastics and synthetic materials	1,591	...	...	1,777	...	19,776	11	...	242	...
29A	Drugs	...	8,365	...	...	...	...	...	...	...	...
29B	Cleaning and toilet preparations	279	49	2,147	2	419	78	40	35	93	2
30	Paints and allied products	16	...	11	253	...	75	...	12	56	19
31	Petroleum refining and related products	199	83	423	142	12,427	322	50	108	471	436
32	Rubber and miscellaneous plastics products	2,023	1,312	2,431	1	476	6,354	296	386	349	137
33+34	Footwear, leather, and leather products	...	...	...	...	1	...	2,132	...	...	...
35	Glass and glass products	7	256	214	3	330	611	...	1,608	103	...
36	Stone and clay products	8	11	3	185	278	155	6	245	4,374	1,183
37	Primary iron and steel manufacturing	1	...	1	5	20	519	...	19	356	14,171
38	Primary nonferrous metals manufacturing	...	...	...	1	...	70	...	...	61	1,465
39	Metal containers	4	81	431	500	137	...	...	...	...	2
40	Heating, plumbing, and fabricated structural metal products	...	...	...	...	...	33	...	...	19	5
41	Screw machine products and stampings	...	65	49	2	...	270	3	14	52	275
42	Other fabricated metal products	16	40	94	2	116	668	61	...	285	1,228
43	Engines and turbines	...	...	...	...	...	20	...	...	...	23
44+45	Farm, construction, and mining machinery	...	...	...	...	...	...	...	...	...	...
46	Materials handling machinery and equipment	...	...	...	...	...	2	...	...	...	17
47	Metalworking machinery and equipment	24	3	7	1	19	204	2	89	97	649
48	Special industry machinery and equipment	20	...	...	...	...	331	1	20	...	26
49	General industrial machinery and equipment	26	41	4	...	1	25	...	...	37	1,273
50	Miscellaneous machinery, except electrical	75	24	34	3	91	640	14	78	107	410
51	Computer and office equipment	...	...	...	...	...	...	...	...	...	...
52	Service industry machinery	1	2	7	...	1	6	...	2	4	1
53	Electrical industrial equipment and apparatus	5	7	21	...	1	37	...	36	8	548
54	Household appliances	...	...	...	...	...	...	...	...	...	...
55	Electric lighting and wiring equipment	4	12	20	...	8	43	...	7	18	...
56	Audio, video, and communication equipment	...	...	...	...	...	...	...	...	...	...
57	Electronic components and accessories	...	...	...	...	...	63	...	...	...	...
58	Miscellaneous electrical machinery and supplies	...	...	...	...	2	19	...	...	12	4
59A	Motor vehicles (passenger cars and trucks)	...	...	...	...	...	...	...	...	...	...
59B	Truck and bus bodies, trailers, and motor vehicles parts	1	15	2	2	49	14	...	6	42	13
60	Aircraft and parts	...	...	...	...	...	...	...	...	...	...
61	Other transportation equipment	...	...	...	...	...	...	...	...	...	...
62	Scientific and controlling instruments	4	14	5	4	25	11	...	8	15	87
63	Opthalmic and photographic equipment	4	42	5	1	6	16	...	2	4	8
64	Miscellaneous manufacturing	1	30	6	1	5	16	14	1	32	3
65A	Railroads and related services; passenger ground transportation	460	126	205	258	351	768	10	258	601	1,225
65B	Motor freight transportation and warehousing	945	254	453	360	699	3,349	103	263	2,859	1,886
65C	Water transportation	159	12	54	45	725	183	...	59	413	427
65D	Air transportation	169	211	134	40	97	413	37	54	127	298
65E	Pipelines, freight forwarders, and related services	13	2	2	2	4,501	3	...	...	2	2
66	Communications, except radio and TV	214	210	123	35	176	308	28	50	146	149
67	Radio and TV broadcasting	...	...	...	...	...	...	...	...	...	...
68A	Electric services (utilities)	1,072	440	207	83	1,564	2,246	72	524	1,177	2,804
68B	Gas production and distribution (utilities)	602	153	83	24	11,668	421	31	298	825	1,175
68C	Water and sanitary services	259	120	68	50	422	160	90	40	97	535
69A	Wholesale trade	2,374	3,970	2,032	619	5,769	4,776	409	797	1,550	5,515
69B	Retail trade	28	46	127	2	26	135	3	49	49	21
70A	Finance	363	483	303	108	1,131	832	58	118	297	542
70B	Insurance	68	85	55	19	145	166	17	29	92	127
71A	Owner-occupied dwellings	...	...	...	...	...	...	...	...	...	...
71B	Real estate and royalties	187	500	344	58	1,230	1,035	62	113	332	289
72A	Hotels and lodging places	145	196	124	44	139	337	26	54	128	229
72B	Personal and repair services (except auto)	134	60	35	9	253	205	9	47	125	317
73A	Computer and data processing services	207	156	83	22	323	367	51	72	166	452
73B	Legal, engineering, accounting, and related services	1,348	1,730	604	158	978	696	27	64	227	318
73C	Other business and professional services, except medical	645	1,530	626	115	1,206	1,525	89	256	716	1,428
73D	Advertising	280	3,715	2,604	187	532	649	211	76	256	331
74	Eating and drinking places	181	235	150	52	273	442	42	74	171	296
75	Automotive repair and services	293	161	104	33	482	504	24	107	281	638
76	Amusements	18	57	38	7	23	32	1	3	8	18
77A	Health services	...	...	...	...	...	...	...	...	...	...
77B	Educational and social services, and membership organizations	92	229	64	9	105	408	4	11	30	51
78	Federal Government enterprises	13	22	41	7	44	67	17	14	26	56
79	State and local government enterprises	47	22	12	1	35	71	25	8	100	57
80	Noncomparable imports	215	1,911	379	68	330	234	2	30	97	86
81	Scrap, used and secondhand goods	...	...	...	...	...	...	...	100	...	2,320
82	General government industry	...	...	...	...	...	...	...	...	...	...
83	Rest of the world adjustment to final uses	...	...	...	...	...	...	...	...	...	...
84	Household industry	...	...	...	...	...	...	...	...	...	...
85	Inventory valuation adjustment	...	...	...	...	...	...	...	...	...	...
I	Total intermediate inputs	33,252	30,717	21,319	8,427	126,183	62,561	5,856	8,370	23,345	49,153
VA	Value added	14,788	31,957	18,309	5,771	19,526	48,800	3,512	9,445	19,559	27,412
T	**Total industry output**	**48,040**	**62,674**	**39,628**	**14,198**	**145,709**	**111,361**	**9,368**	**17,815**	**42,904**	**76,565**

by Industries, 1992—Continued

at producers' prices]

Primary non-ferrous metals manufacturing	Metal containers	Heating, plumbing, and fabri-cated structural metal products	Screw machine products and stampings	Other fabri-cated metal products	Engines and turbines	Farm, con-struction, and mining machinery	Materials handling machinery and equipment	Metalworking machinery and equipment	Special industry machinery and equipment	General industrial machinery and equipment	Miscellaneous machinery, except electrical	Computer and office equipment	Service industry machinery	Commodity number
38	39	40	41	42	43	44+45	46	47	48	49	50	51	52	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
11	...	...	...	...	...	...	...	...	...	...	...	...	...	3
28	2	14	6	19	8	13	2	9	7	15	12	16	7	4
2,399	...	13	...	2	...	12	...	6	...	...	...	3	...	5+6
18	1	2	2	3	1	3	...	1	1	2	2	1	2	7
...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
15	...	...	...	1	...	...	...	21	1	...	...	...	...	9+10
...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
366	63	178	334	317	112	164	33	159	118	149	164	380	174	12
...	...	...	...	...	...	...	...	...	...	...	...	...	...	13
...	...	...	...	...	...	...	...	...	...	...	...	...	...	14
...	...	...	...	...	...	...	...	...	...	...	...	...	...	15
9	...	...	...	...	...	...	...	...	...	...	...	...	...	16
...	...	...	...	...	...	...	...	...	...	214	33	...	...	17
...	...	...	...	3	7	...	...	3	2	1	...	...	1	18
...	...	...	...	...	...	...	...	...	...	...	...	...	...	19
194	...	29	15	72	...	50	10	82	54	27	4	...	63	20+21
...	...	...	...	...	...	...	...	...	...	...	...	...	...	22+23
28	5	32	57	234	7	10	4	16	137	128	8	35	124	24
56	38	216	196	330	14	33	1	94	22	122	67	182	98	25
1	...	3	1	2	...	1	...	1	1	...	3	8	1	26A
3	79	5	4	2	2	5	1	5	2	3	4	8	1	26B
253	104	535	173	629	1	22	3	166	26	2	5	...	60	27A
...	...	...	...	...	...	...	...	...	...	...	...	...	...	27B
929	...	37	85	289	...	...	...	...	...	15	12	24	107	28
...	...	...	...	...	...	...	...	...	...	...	...	...	...	29A
...	...	3	5	15	...	...	...	...	...	...	...	5	10	29B
7	285	251	81	363	20	121	11	52	...	15	8	36	85	30
304	33	150	69	190	26	69	31	73	51	91	61	45	45	31
615	18	537	142	1,504	202	1,352	162	237	400	772	120	812	704	32
...	...	3	...	...	...	...	...	...	...	...	...	...	...	33+34
239	...	281	28	54	...	14	...	...	14	...	...	...	4	35
140	8	70	60	123	75	40	8	228	41	78	89	8	119	36
666	2,249	8,750	7,476	6,173	2,224	3,396	917	1,933	1,267	2,286	1,844	72	1,435	37
21,355	4,166	4,235	1,673	3,087	434	270	196	573	847	781	1,524	496	1,553	38
...	1,177	...	3	6	...	...	...	...	...	...	...	...	...	39
...	...	1,818	...	59	235	1,425	130	311	292	348	89	427	222	40
32	5	627	525	1,154	643	458	250	218	194	287	245	482	840	41
427	196	1,677	800	3,498	577	530	191	296	572	376	402	197	459	42
...	...	...	...	39	1,236	1,700	64	...	67	143	24	...	29	43
...	...	...	...	...	...	1,215	...	...	...	...	...	...	...	44+45
11	...	...	...	...	...	9	153	...	3	7	...	...	...	46
600	16	330	716	232	106	160	37	1,184	185	150	383	28	125	47
61	...	...	2	...	...	...	...	...	672	...	...	...	...	48
405	...	112	65	18	283	882	463	265	508	2,306	319	23	467	49
236	43	236	647	434	760	886	245	777	803	966	1,585	85	577	50
...	...	...	...	...	...	...	...	...	18	...	...	11,698	...	51
...	...	10	...	1	...	...	...	...	3	1	...	...	2,003	52
183	1	78	21	313	691	214	247	580	774	1,112	69	1,124	1,422	53
...	...	...	...	...	...	...	...	...	...	...	...	...	...	54
51	...	2	6	4	...	10	...	6	...	...	5	64	181	55
...	...	...	...	...	...	...	...	...	...	...	...	71	...	56
...	...	...	...	...	...	...	...	12	35	53	78	13,515	4	57
...	...	1	...	5	199	192	33	45	19	20	18	15	...	58
...	...	...	...	...	...	...	...	...	...	...	...	...	...	59A
10	1	11	25	5	75	129	1	6	2	4	3	4	4	59B
...	...	...	...	...	...	...	...	...	...	...	...	...	...	60
...	...	...	...	...	...	...	...	...	...	...	...	...	...	61
5	...	108	...	3	...	...	...	11	...	12	...	3	432	62
4	1	8	5	6	2	3	1	5	3	4	8	13	4	63
2	...	9	2	2	...	7	4	3	1	...	...	1	12	64
562	58	186	156	154	20	66	12	37	29	32	47	48	45	65A
1,870	229	801	524	720	298	508	91	276	203	257	230	116	250	65B
92	8	17	21	37	...	17	...	6	3	2	6	5	5	65C
238	38	163	122	174	103	149	35	92	101	126	107	357	103	65D
1	1	...	1	...	1	1	...	...	...	...	1	3	1	65E
127	21	151	70	180	38	92	29	112	94	129	72	245	78	66
...	...	...	...	...	...	...	...	...	...	...	...	...	...	67
2,303	166	419	441	782	135	260	49	285	163	321	304	348	199	68A
435	57	168	124	290	35	85	19	69	42	85	75	44	56	68B
181	17	43	396	110	20	26	3	18	13	31	19	34	72	68C
5,438	866	3,002	1,996	2,945	960	2,345	700	1,212	1,413	1,815	947	6,631	1,786	69A
8	5	32	19	35	4	9	1	4	4	8	5	16	18	69B
412	84	331	261	383	112	228	52	175	132	202	176	484	194	70A
91	17	66	51	77	22	49	13	38	25	42	34	82	38	70B
...	...	...	...	...	...	...	...	...	...	...	...	...	...	71A
299	61	507	274	474	97	154	61	276	221	207	337	819	136	71B
191	40	150	100	167	52	100	22	79	62	90	76	200	79	72A
135	25	44	75	87	22	38	6	25	16	40	26	32	26	72B
191	31	124	125	201	81	121	15	76	45	99	55	560	107	73A
166	46	218	286	366	48	225	68	203	193	216	189	603	158	73B
789	130	1,044	611	860	200	381	93	345	240	417	472	727	264	73C
114	33	276	263	490	39	261	58	189	166	289	223	613	221	73D
249	50	209	141	231	69	135	32	123	92	132	101	231	107	74
306	60	147	151	238	50	100	18	88	49	105	75	131	74	75
13	5	8	11	9	5	11	1	3	5	5	8	25	9	76
...	...	...	...	...	...	...	...	...	...	...	...	...	...	77A
52	15	50	99	52	13	21	4	22	11	20	18	68	37	77B
30	1	36	25	40	10	34	7	19	25	24	10	16	5	78
86	6	61	19	62	19	32	23	56	27	59	65	45	23	79
123	2	76	33	51	21	90	24	22	69	89	43	3,568	23	80
3,276	...	85	...	29	...	...	...	2	...	10	2	...	...	81
...	...	...	...	...	...	...	...	...	...	...	...	...	...	82
...	...	...	...	...	...	...	...	...	...	...	...	...	...	83
...	...	...	...	...	...	...	...	...	...	...	...	...	...	84
...	...	...	...	...	...	...	...	...	...	...	...	...	...	85
47,441	10,563	28,785	19,619	28,435	10,414	18,933	4,634	11,230	10,585	15,342	10,911	45,932	15,488	I
16,332	2,502	20,706	15,084	25,539	6,630	13,098	3,518	14,381	9,646	14,472	14,160	17,992	10,967	VA
63,773	**13,065**	**49,491**	**34,703**	**53,974**	**17,044**	**32,031**	**8,152**	**25,611**	**20,231**	**29,814**	**25,071**	**63,924**	**26,455**	T

Table 2.1.—The Use of Commodities

[Millions of dollars

Commodity number	For the distribution of output of a commodity, read the row for that commodity For the composition of inputs to an industry, read the column for that industry	Electrical industrial equipment and apparatus	Household appliances	Electric lighting and wiring equipment	Audio, video, and communication equipment	Electronic components and accessories	Miscellaneous electrical machinery and supplies	Motor vehicles (passenger cars and trucks)	Truck and bus bodies, trailers, and motor vehicles parts	Aircraft and parts	Other transportation equipment
	Industry number	53	54	55	56	57	58	59A	59B	60	61
1	Livestock and livestock products										
2	Other agricultural products							1	1	1	
3	Forestry and fishery products										
4	Agricultural, forestry, and fishery services	17	8	7	13	54	17	22	24	63	14
5+6	Metallic ores mining	33			32		7		279	31	
7	Coal mining	1				2		18	21	15	6
8	Crude petroleum and natural gas										
9+10	Nonmetallic minerals mining		28			1					
11	New construction										
12	Maintenance and repair construction	148	86	92	317	925	119	492	566	794	107
13	Ordnance and accessories										
14	Food and kindred products									7	
15	Tobacco products										
16	Broad and narrow fabrics, yarn and thread mills		2					178		99	
17	Miscellaneous textile goods and floor coverings	1			1			1,128	49	6	93
18	Apparel					1		5		6	
19	Miscellaneous fabricated textile products							4,060	15	143	124
20+21	Lumber and wood products	23	11	1	2			4	141	20	400
22+23	Furniture and fixtures		2		609	13	1	2,522	30	55	36
24	Paper and allied products, except containers	142	236	123	208	148	42	44	70	26	8
25	Paperboard containers and boxes	99	172	261	119	107	250	20	330	15	5
26A	Newspapers and periodicals	2		2	4	9	4	5	4	5	1
26B	Other printing and publishing	2	6	1	17	5	2	18	26	30	2
27A	Industrial and other chemicals	40	113	50	17	800	193	714	354	70	16
27B	Agricultural fertilizers and chemicals										
28	Plastics and synthetic materials	82	423	431	131	195	258	7	440	312	129
29A	Drugs										
29B	Cleaning and toilet preparations	18	16	23	19	7	3	7	4		
30	Paints and allied products	69	136	7	11			1,719	425	160	160
31	Petroleum refining and related products	163	66	65	43	76	42	188	161	178	97
32	Rubber and miscellaneous plastics products	778	1,449	560	1,011	1,057	1,380	9,196	2,071	1,665	618
33+34	Footwear, leather, and leather products							2	1	1	
35	Glass and glass products		33	473	2	638		1,504	64	19	181
36	Stone and clay products	844	90	189	9	47	16	201	270	218	28
37	Primary iron and steel manufacturing	1,302	1,137	690	244	332	397	234	6,749	829	1,608
38	Primary nonferrous metals manufacturing	1,440	750	1,026	592	1,692	1,138	43	5,810	2,430	420
39	Metal containers										
40	Heating, plumbing, and fabricated structural metal products	140			279	273	78		1,639	91	635
41	Screw machine products and stampings	511	492	548	544	731	226	12,604	3,233	888	218
42	Other fabricated metal products	199	276	410	341	2,482	423	2,794	1,103	1,584	532
43	Engines and turbines	248						2,020	197		1,283
44+45	Farm, construction, and mining machinery										35
46	Materials handling machinery and equipment							8	6		1
47	Metalworking machinery and equipment	61	31	55	37	111	47	197	195	1,022	59
48	Special industry machinery and equipment					73					
49	General industrial machinery and equipment	123	62		18		80	55	1,351	275	654
50	Miscellaneous machinery, except electrical	202	35	85	104	314	98	794	3,069	1,364	241
51	Computer and office equipment	11			200	773	145	2	2	144	
52	Service industry machinery	1	348	2	8	1		2,225	211		83
53	Electrical industrial equipment and apparatus	1,961	783	512	144	75	260	7	9	116	841
54	Household appliances		21								172
55	Electric lighting and wiring equipment	57	238	607	370	135	70	840	60		98
56	Audio, video, and communication equipment				1,659	107	32	1,770	1	750	17
57	Electronic components and accessories	701	145	141	12,301	12,958	2,032	2,617	2,072	1,621	8
58	Miscellaneous electrical machinery and supplies	11	1	1	271		597	2,496	1,396	36	111
59A	Motor vehicles (passenger cars and trucks)							643	431		662
59B	Truck and bus bodies, trailers, and motor vehicles parts	2		1	2	3	4	40,366	7,063	7	644
60	Aircraft and parts									25,248	
61	Other transportation equipment										804
62	Scientific and controlling instruments	40	653		129	143	57	883	4	5,054	93
63	Opthalmic and photographic equipment	6	1	4	11	15	7	19	16	21	2
64	Miscellaneous manufacturing	3	9	69	1		1	12	7	13	3
65A	Railroads and related services; passenger ground transportation	77	43	37	48	135	39	520	270	113	66
65B	Motor freight transportation and warehousing	229	202	193	173	309	248	2,372	1,160	499	392
65C	Water transportation	20	5	2	4	18	7	49	33	17	4
65D	Air transportation	115	59	63	213	307	85	992	424	781	139
65E	Pipelines, freight forwarders, and related services				2	2		9	4	9	
66	Communications, except radio and TV	113	57	58	214	254	56	162	146	225	66
67	Radio and TV broadcasting										
68A	Electric services (utilities)	278	135	195	276	921	227	487	792	676	203
68B	Gas production and distribution (utilities)	78	42	58	41	115	45	141	175	109	56
68C	Water and sanitary services	25	7	20	20	70	55	79	233	146	40
69A	Wholesale trade	1,951	1,140	1,367	3,009	3,855	1,723	12,404	5,574	3,088	1,569
69B	Retail trade	19	28	31	29	20	19	47	41	15	8
70A	Finance	236	122	137	388	543	170	1,013	603	913	193
70B	Insurance	36	24	26	67	101	30	225	118	134	47
71A	Owner-occupied dwellings										
71B	Real estate and royalties	220	62	204	500	727	165	519	323	482	410
72A	Hotels and lodging places	84	51	58	156	216	63	454	244	331	86
72B	Personal and repair services (except auto)	32	12	15	37	129	30	130	170	160	19
73A	Computer and data processing services	66	24	67	267	347	53	128	239	856	112
73B	Legal, engineering, accounting, and related services	121	56	103	429	1,000	73	1,204	502	966	167
73C	Other business and professional services, except medical	394	169	236	628	1,259	390	1,042	968	1,583	335
73D	Advertising	333	436	386	343	834	199	683	1,578	437	171
74	Eating and drinking places	118	72	87	196	272	97	551	313	407	123
75	Automotive repair and services	83	40	56	121	284	80	9,801	339	367	64
76	Amusements	6	5	4	16	27	4	53	40	36	5
77A	Health services										
77B	Educational and social services, and membership organizations	21	35	12	66	110	23	414	151	225	22
78	Federal Government enterprises	22	37	14	64	31	12	103	128	93	11
79	State and local government enterprises	23	19	30	17	37	30	49	39	29	53
80	Noncomparable imports	191	32	191	387	294	299	465	384	98	21
81	Scrap, used and secondhand goods						79		20		
82	General government industry										
83	Rest of the world adjustment to final uses										
84	Household industry										
85	Inventory valuation adjustment										
I	Total intermediate inputs	14,372	10,773	10,086	27,531	36,520	12,327	126,780	54,981	58,227	15,631
VA	Value added	13,437	5,863	9,025	24,624	34,420	8,896	23,958	25,285	43,482	14,369
T	**Total industry output**	**27,809**	**16,636**	**19,111**	**52,155**	**70,940**	**21,223**	**150,738**	**80,266**	**101,709**	**30,000**

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at producers' prices]

Scientific and controlling instruments	Ophthalmic and photographic equipment	Miscellaneous manufacturing	Railroads and related services; passenger ground transportation	Motor freight transportation and warehousing	Water transportation	Air transportation	Pipelines, freight forwarders, and related services	Communications, except radio and TV	Radio and TV broadcasting	Electric services (utilities)	Gas production 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	
...	...	3	...	...	...	...	...	...	...	...	...	...	...	1
...	...	34	...	1	3	1	...	1	...	1	1	...	76	2
...	...	14	...	...	3	...	...	...	...	...	...	...	...	3
51	8	8	1	2	...	...	...	38	4	16	...	...	278	4
14	...	11	...	...	...	...	...	...	...	...	...	...	...	5+6
32	19	2	...	...	9	...	...	...	...	15,676	...	...	9	7
...	...	...	...	...	...	...	83	...	...	9	38,755	...	9	8
...	...	5	...	...	...	...	...	...	...	...	...	...	6	9+10
...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
623	149	189	2,465	736	30	239	574	8,177	260	13,324	6,799	1,535	2,441	12
...	...	...	...	...	...	...	5	...	...	...	...	...	...	13
55	...	90	...	...	83	231	...	...	...	...	...	...	659	14
...	...	...	...	...	...	...	...	...	...	...	...	...	...	15
317	...	462	...	...	...	1	...	...	...	...	...	...	87	16
554	1	29	...	8	44	...	...	1	...	...	...	...	54	17
18	...	181	23	3	63	8	...	92	...	2	...	...	598	18
1	...	45	...	11	101	6	76	3	...	...	...	...	272	19
74	...	493	...	33	3	2	164	18	1	7	3	157	1,887	20+21
51	...	21	...	...	...	...	...	...	...	...	...	...	...	22+23
381	896	279	22	60	...	31	20	181	12	64	24	11	2,255	24
479	242	780	4	97	...	3	78	85	5	16	5	3	3,120	25
11	11	7	13	41	39	19	16	83	7	9	1	4	274	26A
71	3	65	201	372	33	153	242	785	10	89	15	5	5,620	26B
156	505	419	104	103	12	18	8	16	14	295	2	500	374	27A
...	...	...	...	...	...	...	...	...	...	...	...	...	335	27B
449	278	992	...	...	4	...	...	...	...	...	...	...	5	28
...	...	...	...	...	...	...	...	5	...	...	...	...	33	29A
30	14	38	...	2	...	3	...	24	...	3	5	...	466	29B
33	...	240	...	56	26	4	...	56	...	...	...	2	18	30
140	43	198	3,336	7,930	727	9,451	182	210	31	2,198	353	722	3,476	31
2,127	560	1,546	271	1,993	103	32	183	442	4	165	9	156	2,719	32
...	...	31	1	2	...	1	1	2	...	2	1	...	9	33+34
370	154	24	52	3	4	...	12	18	...	7	...	21	198	35
122	10	140	2	8	2	1	4	...	...	4	...	16	114	36
964	42	774	404	...	...	2	...	...	...	...	1	...	71	37
1,381	108	2,003	1	4	21	...	...	16	...	100	...	1	334	38
25	...	...	...	...	...	...	...	...	...	1	...	...	464	39
762	7	145	...	...	5	...	...	...	...	...	...	...	106	40
1,263	206	140	7	...	2	42	...	365	...	42	...	...	2	41
1,579	66	470	264	476	221	70	74	244	2	33	9	82	522	42
...	...	2	219	102	217	...	34	356	...	916	...	...	20	43
...	...	...	...	...	...	...	...	...	...	...	...	...	86	44+45
...	...	...	...	5	...	...	...	...	...	13	...	...	440	46
152	29	100	75	20	151	28	...	5	1	79	18	3	192	47
...	...	...	...	2	...	...	...	...	...	...	...	...	62	48
70	4	22	337	45	373	5	105	424	...	63	3	3	43	49
450	91	321	105	59	95	123	43	17	5	195	8	17	691	50
1,302	11	21	...	2	...	2	19	322	33	7	152	...	258	51
2	1	3	8	9	...	4	4	3	...	1	1	8	174	52
1,056	119	187	250	191	10	13	28	348	29	188	...	...	97	53
...	...	...	...	...	1	...	...	...	...	...	...	...	...	54
290	6	18	21	45	12	7	...	66	...	130	1	19	176	55
827	...	5	...	4	...	1	8	3,464	41	...	...	...	144	56
9,413	853	458	15	...	...	119	...	2,823	208	...	...	...	3,056	57
45	3	13	84	203	32	43	79	266	9	107	32	29	383	58
...	...	...	...	...	...	...	...	...	...	...	...	...	...	59A
9	4	5	388	808	1	14	29	31	3	13	10	1,174	1,029	59B
...	...	...	...	...	...	2,705	...	...	...	...	...	...	...	60
...	...	...	944	6	741	...	1	...	...	...	...	...	...	61
3,040	123	...	...	14	1	13	...	24	3	105	21	703	52	62
27	1,243	11	10	62	7	19	28	83	40	9	8	6	622	63
12	1	3,021	13	39	74	27	32	147	5	33	10	4	535	64
112	82	99	2,368	442	19	128	33	156	18	4,682	40	43	517	65A
454	173	492	368	28,810	104	233	209	248	46	582	46	112	2,189	65B
13	14	20	78	209	4,282	164	56	10	...	740	72	17	142	65C
402	84	139	214	622	77	6,064	233	673	73	389	275	66	2,657	65D
4	1	...	442	4,966	1,407	7,820	763	12	1	34	468	9	294	65E
528	114	152	391	2,114	27	1,204	962	27,769	464	292	64	424	8,677	66
...	...	...	...	...	...	...	...	81	606	...	...	...	...	67
814	148	324	96	1,128	120	294	438	810	190	24	194	81	4,784	68A
87	56	105	1	118	9	14	11	70	5	4,711	17,687	519	1,163	68B
67	23	31	108	2,139	36	124	33	228	44	194	24	1,431	940	68C
4,307	1,442	3,455	1,521	5,070	505	1,462	300	1,798	95	1,194	588	611	14,446	69A
55	19	55	185	754	15	43	26	69	8	38	31	170	1,492	69B
800	206	309	971	1,292	1,048	1,535	882	2,218	248	2,887	807	149	6,384	70A
146	35	74	261	1,341	46	151	181	338	166	358	117	230	917	70B
...	...	...	...	...	...	...	...	...	...	...	...	...	...	71A
1,082	131	504	617	3,475	896	1,471	706	3,340	677	1,931	362	77	16,365	71B
319	72	120	139	634	46	300	99	631	76	401	131	47	1,955	72A
76	15	34	77	105	19	273	71	1,444	98	95	26	80	1,241	72B
501	80	79	788	479	280	2,224	2,346	2,845	424	1,746	245	59	7,733	73A
1,200	58	256	404	868	683	1,071	1,752	6,160	436	1,983	2,295	670	6,873	73B
2,413	475	648	1,106	3,409	2,356	1,538	922	4,008	777	1,792	483	219	24,355	73C
1,625	309	1,633	221	354	1,244	1,389	833	3,286	831	131	22	1	14,423	73D
436	95	187	230	747	57	1,832	124	745	90	480	147	60	2,245	74
250	58	117	656	9,615	15	152	220	1,142	129	224	168	74	4,791	75
38	9	17	14	71	15	59	17	2,818	11,122	52	27	5	653	76
...	...	...	...	61	...	...	...	...	...	...	...	...	...	77A
217	94	159	136	80	121	65	251	312	157	534	48	12	1,135	77B
124	17	118	59	247	10	76	132	658	34	459	105	31	3,283	78
144	9	94	90	271	...	21	10	39	8	20	7	...	323	79
220	183	76	183	599	2,954	8,827	250	6,384	...	25	58	2	4,104	80
...	...	1	...	5	...	...	...	...	...	...	...	...	1	81
...	...	...	...	...	...	...	...	...	...	...	...	...	...	82
...	...	...	...	...	...	...	...	...	...	...	...	...	...	83
...	...	...	...	...	...	...	...	...	...	...	...	...	...	84
...	...	...	...	...	...	...	...	...	...	...	...	...	...	85
45,262	9,812	23,363	21,364	83,582	19,644	51,975	13,992	87,533	17,550	59,920	70,784	10,380	169,033	I
60,227	14,319	17,952	34,390	83,371	12,796	42,166	19,624	120,561	11,809	110,976	22,373	8,802	399,937	VA
105,489	**24,131**	**41,315**	**55,754**	**166,953**	**32,440**	**94,141**	**33,616**	**208,094**	**29,359**	**170,896**	**93,157**	**19,182**	**568,970**	T

Table 2.1.—The Use of Commodities

[Millions of dollars

Commodity number	For the distribution of output of a commodity, read the row for that commodity For the composition of inputs to an industry, read the column for that industry	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
	Industry number	69B	70A	70B	71A	71B	72A	72B	73A	73B	73C	73D
1	Livestock and livestock products										44	
2	Other agricultural products	2	3	2		25	5		2	6	2	
3	Forestry and fishery products						3					
4	Agricultural, forestry, and fishery services	538	114	59	3,634	2,877	275	42	54	113	101	9
5+6	Metallic ores mining											
7	Coal mining	5	2			4	2	3		1	1	
8	Crude petroleum and natural gas											
9+10	Nonmetallic minerals mining	1						3				
11	New construction											
12	Maintenance and repair construction	5,017	1,146	612	21,663	29,578	1,526	512	310	388	897	51
13	Ordnance and accessories										88	
14	Food and kindred products	92					119				31	
15	Tobacco products											
16	Broad and narrow fabrics, yarn and thread mills	51					6	142			6	
17	Miscellaneous textile goods and floor coverings	43	1			1	13	37		2	7	
18	Apparel	31					49	376			89	
19	Miscellaneous fabricated textile products	32	175	19		10	503	260			6	18
20+21	Lumber and wood products	107	75	47		43	12	43	18	75	89	4
22+23	Furniture and fixtures	1				3			2	5	2	
24	Paper and allied products, except containers	3,927	1,133	381		546	203	255	287	728	1,404	85
25	Paperboard containers and boxes	878	135	49		75	124	59	25	95	573	7
26A	Newspapers and periodicals	113	318	35		24	53	34	35	128	154	6
26B	Other printing and publishing	599	3,506	1,543		814	191	949	1,039	1,963	2,451	2,223
27A	Industrial and other chemicals	40	50	20	2	42	11	154	10	44	1,241	2
27B	Agricultural fertilizers and chemicals	23			344	132	112				4	
28	Plastics and synthetic materials	12						12				
29A	Drugs											
29B	Cleaning and toilet preparations	159	23	7		50	72	1,117	4	29	450	
30	Paints and allied products	32	1	46		27	1	9		2	54	
31	Petroleum refining and related products	2,787	392	127		560	188	382	104	218	1,493	14
32	Rubber and miscellaneous plastics products	1,777	125	342	61	396	247	386	192	243	1,039	26
33+34	Footwear, leather, and leather products	128	17	6		8	5	350	4	41	54	
35	Glass and glass products	14	26	9		4	254	4	4	126	292	
36	Stone and clay products	19	10			359	38	10		24	83	
37	Primary iron and steel manufacturing	6	2	1				7		3	73	
38	Primary nonferrous metals manufacturing	4		15		8		73			20	
39	Metal containers										38	
40	Heating, plumbing, and fabricated structural metal products	8			134	83		6				
41	Screw machine products and stampings	1					6	85			103	
42	Other fabricated metal products	614	265	212		189	38	238	42	172	318	10
43	Engines and turbines	74	3					3			139	
44+45	Farm, construction, and mining machinery				159						80	
46	Materials handling machinery and equipment	8									146	
47	Metalworking machinery and equipment	45	3			4	1	12	4	11	568	
48	Special industry machinery and equipment	42				3		41	2	5	394	
49	General industrial machinery and equipment	23	22			10		37			427	
50	Miscellaneous machinery, except electrical	249	16	1		7	8	91	19	77	439	6
51	Computer and office equipment	81	240	187		38	7	447	6,602	513	476	65
52	Service industry machinery	130	2	1		2	6	324	1	4	142	2
53	Electrical industrial equipment and apparatus	39	18	4		5	13	57	122	4	867	1
54	Household appliances	6	1			48	8	683			5	
55	Electric lighting and wiring equipment	228	22	20		37	16	22	1	13	122	3
56	Audio, video, and communication equipment	32	13	4		4	4	12	5	8	63	2
57	Electronic components and accessories	193	67	1		1		933	4,396	20	2,469	3
58	Miscellaneous electrical machinery and supplies	325	337	263		70	16	59	331	415	404	16
59A	Motor vehicles (passenger cars and trucks)											
59B	Truck and bus bodies, trailers, and motor vehicles parts	1,961	68	54		58	34	75	19	91	493	23
60	Aircraft and parts											
61	Other transportation equipment	1		3		1					279	
62	Scientific and controlling instruments	49	1	54		31	15	73	67	18	170	1
63	Opthalmic and photographic equipment	190	619	324		138	28	956	66	600	1,187	37
64	Miscellaneous manufacturing	478	646	175		155	85	1,322	53	312	629	33
65A	Railroads and related services; passenger ground transportation	429	327	274	6	366	64	71	81	182	543	19
65B	Motor freight transportation and warehousing	1,442	4,295	887	25	555	317	481	168	740	1,615	44
65C	Water transportation	74	33	7		13	15	30	10	35	119	3
65D	Air transportation	1,490	1,383	1,014		1,277	223	283	489	844	1,808	73
65E	Pipelines, freight forwarders, and related services	46	26	16		25	799	10	10	21	44	3
66	Communications, except radio and TV	4,984	5,192	4,175		3,780	787	1,140	2,385	3,019	4,473	312
67	Radio and TV broadcasting											148
68A	Electric services (utilities)	11,904	1,973	376		6,591	2,162	1,283	408	866	1,372	122
68B	Gas production and distribution (utilities)	860	478	41		945	359	403	29	130	290	7
68C	Water and sanitary services	1,679	1,051	119		3,473	812	467	42	122	278	3
69A	Wholesale trade	2,369	1,813	664	186	844	440	1,613	2,713	1,233	3,835	266
69B	Retail trade	1,912	132	117	191	270	115	79	28	63	695	18
70A	Finance	8,763	59,978	10,686	8,542	5,105	3,052	879	996	2,711	3,055	176
70B	Insurance	1,581	1,267	64,466	3,022	1,637	105	214	93	290	645	35
71A	Owner-occupied dwellings											
71B	Real estate and royalties	37,343	13,426	9,227	16,415	35,987	4,361	5,141	3,684	13,594	9,814	1,360
72A	Hotels and lodging places	1,590	1,202	1,081		1,409	217	241	322	1,364	1,616	71
72B	Personal and repair services (except auto)	1,670	439	175		1,944	406	4,479	171	207	612	31
73A	Computer and data processing services	3,427	12,745	2,241		625	396	543	9,273	6,149	5,260	249
73B	Legal, engineering, accounting, and related services	5,286	11,258	7,742	2,395	9,389	512	3,082	1,807	19,336	6,473	1,117
73C	Other business and professional services, except medical	18,437	16,395	8,848	1,640	14,303	4,247	2,525	3,636	21,105	18,122	2,454
73D	Advertising	26,490	7,426	2,730		5,001	1,048	2,267	1,084	924	2,818	181
74	Eating and drinking places	2,219	1,410	1,283		1,651	328	327	425	816	2,146	84
75	Automotive repair and services	3,188	1,022	3,416		3,604	382	554	648	1,169	2,313	320
76	Amusements	437	215	144		171	33	43	46	179	451	614
77A	Health services										2	
77B	Educational and social services, and membership organizations	507	865	338		476	110	326	750	781	1,134	67
78	Federal Government enterprises	3,067	8,904	1,781		1,559	301	510	705	2,414	2,099	159
79	State and local government enterprises	361	142	25		409	103	66	14	72	84	6
80	Noncomparable imports	78	3,113	724			80	22	548	506	1,264	47
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	162,849	166,107	127,221	58,419	137,880	26,071	37,775	44,385	85,369	93,687	10,636
VA	Value added	359,670	250,165	103,876	398,831	412,233	33,531	53,997	71,345	170,992	246,758	19,229
T	**Total industry output**	**522,519**	**416,272**	**231,097**	**457,250**	**550,113**	**59,602**	**91,772**	**115,730**	**256,361**	**340,445**	**29,865**

by Industries, 1992—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		
321	...	39	55	65	...	...	...	...	...	85,869	1
1,843	2	147	203	124	6	...	...	...	...	71,142	2
1,747	...	6	37	...	6	...	...	...	...	13,280	3
186	53	271	748	358	2	303	...	...	...	27,310	4
...	...	...	...	...	...	...	...	...	...	8,268	5+6
6	2	1	7	3	734	1,273	...	...	...	23,786	7
...	...	...	...	...	...	630	...	...	...	138,601	8
...	...	...	...	3	...	51	...	...	...	12,371	9+10
...	...	...	...	...	...	...	...	...	...	170	11
2,129	535	1,065	2,889	9,276	922	20,230	...	...	...	159,448	12
...	...	10	...	...	...	...	...	...	...	465	13
61,536	...	692	4,308	2,507	179	...	...	...	...	153,699	14
...	...	...	...	...	...	...	...	...	...	3,348	15
...	...	80	36	34	8	10	...	...	...	37,127	16
38	55	10	49	9	4	11	...	...	...	10,074	17
8	43	107	618	80	1	34	...	...	...	16,628	18
157	124	53	689	81	109	2	...	...	...	10,770	19
25	11	78	135	193	...	...	...	...	...	80,245	20+21
...	166	2	5	2	105	...	...	...	...	5,479	22+23
899	190	218	2,353	1,321	77	45	...	...	...	80,994	24
1,003	90	95	779	279	116	...	...	...	...	30,352	25
29	41	63	387	941	4	6	...	...	...	4,401	26A
580	107	272	3,064	9,352	737	150	...	...	...	56,500	26B
299	218	117	8,163	209	104	1,209	...	...	...	97,797	27A
...	...	134	35	48	...	141	...	...	...	15,545	27B
...	...	...	181	...	...	...	...	...	...	46,036	28
...	...	9	7,576	63	...	3	...	...	...	17,620	29A
54	121	31	658	167	38	39	...	...	...	8,826	29B
5	341	36	3	56	...	...	...	...	...	12,894	30
722	1,962	352	1,005	966	734	3,612	...	...	...	83,751	31
2,203	2,874	141	6,573	714	17	127	...	...	...	99,363	32
3	2	70	43	151	18	...	...	...	...	3,871	33+34
417	785	5	928	296	3	49	...	...	...	16,883	35
391	48	2	200	3	...	523	...	...	...	42,481	36
...	...	1	2	21	...	...	...	...	...	81,280	37
7	5	15	12	2	43	...	...	...	...	68,611	38
...	...	...	...	...	...	...	...	...	...	13,025	39
...	...	2	...	2	...	2	...	...	...	43,481	40
57	1,467	19	332	75	28	2	...	...	...	33,140	41
104	1,676	88	432	250	8	23	...	...	...	51,306	42
2	657	...	1	4	99	113	...	...	...	10,279	43
...	...	4	...	...	...	160	...	...	...	6,049	44+45
...	...	...	...	...	5	...	...	...	...	2,674	46
1	32	7	12	15	4	12	...	...	...	9,666	47
148	35	...	4	2	...	...	...	...	...	4,224	48
162	25	...	7	...	8	14	...	...	...	17,643	49
36	305	27	118	93	95	875	...	...	...	22,989	50
11	6	21	794	73	3	...	...	...	...	24,759	51
46	923	101	99	40	15	386	...	...	...	14,939	52
5	411	3	100	23	...	442	...	...	...	21,175	53
5	...	...	13	15	...	10	...	...	...	2,658	54
78	493	86	233	102	28	124	...	...	...	17,691	55
16	16	9	13	64	...	43	...	...	...	12,017	56
...	272	3	200	182	...	42	...	...	...	75,400	57
46	712	632	296	196	18	153	...	...	...	13,375	58
...	108	...	...	...	...	...	...	...	...	1,844	59A
350	15,685	93	276	257	736	279	...	...	...	74,459	59B
...	1	...	...	...	...	...	...	...	...	29,930	60
...	...	39	...	5	10	155	...	...	...	3,092	61
6	95	13	9,594	228	1	13	...	...	...	25,540	62
19	42	57	1,312	451	11	13	...	...	...	9,589	63
371	50	306	407	914	33	51	...	...	...	13,526	64
492	269	79	738	201	715	468	...	...	...	32,452	65A
2,202	877	243	1,783	788	967	425	...	...	...	110,656	65B
75	62	29	104	32	150	270	...	...	...	12,771	65C
896	608	316	1,725	758	1,549	100	...	...	...	39,502	65D
18	255	6	47	26	6	30	...	...	...	22,544	65E
1,088	1,262	931	4,993	2,117	197	468	...	...	...	95,074	66
...	...	...	...	...	...	...	...	...	...	835	67
6,246	1,331	1,797	4,136	2,079	308	3,896	...	...	...	98,868	68A
997	328	162	896	519	200	2,666	...	...	...	61,944	68B
1,591	389	313	1,588	667	331	1,126	...	...	...	27,052	68C
13,063	5,719	1,784	8,507	2,971	413	728	...	...	...	280,569	69A
392	1,057	113	421	326	11	19	...	...	...	39,882	69B
2,674	2,206	1,066	3,717	2,664	407	1,102	...	...	...	163,754	70A
387	618	180	1,640	522	102	198	...	...	...	90,095	70B
...	...	...	...	...	...	...	...	...	...	...	71A
13,783	7,095	7,622	34,279	25,605	718	2,156	...	...	...	330,296	71B
810	477	306	1,706	717	20	24	...	...	...	27,260	72A
890	1,590	315	1,300	494	13	110	...	...	...	23,579	72B
749	575	538	6,224	4,257	230	435	...	...	...	83,729	73A
2,493	998	2,696	9,471	3,221	131	3,296	...	...	...	179,136	73B
5,882	2,887	4,064	24,644	11,216	907	1,679	...	...	...	271,050	73C
6,112	2,281	4,728	2,524	5,736	5	204	...	...	...	136,364	73D
4,252	554	440	4,405	1,646	74	127	...	...	...	41,383	74
1,193	1,805	806	3,420	1,332	212	492	...	...	...	70,073	75
2,459	71	19,673	229	912	...	2	...	...	...	41,927	76
...	...	33	11,974	...	...	...	...	...	...	13,484	77A
443	101	189	1,477	1,217	21	65	...	...	...	16,339	77B
480	503	503	5,390	2,176	48	268	...	...	...	39,448	78
193	166	41	192	97	23	1,003	...	...	...	6,810	79
128	13	222	24	20	1,262	...	...	...	...	44,964	80
1	507	–155	...	...	...	...	...	...	...	7,147	81
...	...	...	...	...	...	...	...	...	...	...	82
...	...	...	...	...	...	...	...	...	...	...	83
...	...	...	...	...	...	...	...	...	...	...	84
...	...	...	...	...	...	...	...	...	...	...	85
146,060	65,390	54,672	193,538	102,631	14,089	52,717	...	...	...	4,588,742	I
134,648	72,991	66,696	371,448	125,701	46,883	40,089	764,389	10,087	–7,982	...	VA
280,708	**138,381**	**121,368**	**564,986**	**228,332**	**60,972**	**92,806**	**764,389**	**10,087**	**–7,982**	...	T

Table 2.1.—The Use of Commodities

[Millions of dollars

Commodity number	For the distribution of output of a commodity, read the row for that commodity / For the composition of inputs to an industry, read the column for that industry	Personal consumption expenditures	Gross private fixed investment	Change in business inventories	Exports of goods and services	Imports of goods and services	Federal Government consumption expenditures and gross investment: Total	National defense: Consumption expenditures	National defense: Gross investment	Nondefense: Consumption expenditures	Nondefense: Gross investment
	Industry number	91	92	93	94	95		96C	96I	97C	97I
1	Livestock and livestock products	3,709	...	857	800	–2,061	7	2	...	5	...
2	Other agricultural products	19,531	...	4,035	16,116	–6,860	–358	...	...	–358	...
3	Forestry and fishery products	3,085	...	–45	2,880	–5,659	–1,169	–1	...	–1,168	...
4	Agricultural, forestry, and fishery services	729	...	...	61	–21	39	19	...	20	...
5+6	Metallic ores mining	...	50	–24	1,104	1,488	–147	–148	...	1	...
7	Coal mining	68	...	–3	3,122	–133	29	1	...	28	...
8	Crude petroleum and natural gas	...	23	–105	3,290	–43,984	–202	...	...	–202	...
9+10	Nonmetallic minerals mining	39	...	25	686	–898	2	–3	...	5	...
11	New construction	...	339,916	...	...	...	15,803	...	5,234	...	10,569
12	Maintenance and repair construction	...	20,362	...	77	...	10,429	6,649	...	3,780	...
13	Ordnance and accessories	1,473	29	–1,855	3,592	–809	19,177	7,568	8,911	482	2,216
14	Food and kindred products	248,010	...	150	19,630	–21,850	464	269	...	195	...
15	Tobacco products	30,395	...	2,137	5,874	–1,587	...	...	...	...	...
16	Broad and narrow fabrics, yarn and thread mills	1,683	...	477	2,359	–4,397	63	51	...	12	...
17	Miscellaneous textile goods and floor coverings	5,578	2,343	19	1,724	–1,879	49	3	...	25	21
18	Apparel	80,934	...	3,897	4,065	–38,484	506	505	...	1	...
19	Miscellaneous fabricated textile products	11,189	...	470	810	–2,870	206	150	...	56	...
20+21	Lumber and wood products	2,529	4,661	663	5,965	–7,143	31	14	...	16	1
22+23	Furniture and fixtures	21,623	16,091	185	2,633	–6,026	198	...	10	...	188
24	Paper and allied products, except containers	14,921	...	771	8,567	–10,715	699	98	...	601	...
25	Paperboard containers and boxes	381	...	277	691	–247	91	40	...	51	...
26A	Newspapers and periodicals	14,339	...	–62	653	–199	111	12	...	99	...
26B	Other printing and publishing	15,282	...	753	2,984	–1,783	996	290	...	706	...
27A	Industrial and other chemicals	2,154	1,957	729	17,292	–14,375	4,268	3,109	...	1,159	...
27B	Agricultural fertilizers and chemicals	920	...	–153	3,341	–2,330	27	8	...	19	...
28	Plastics and synthetic materials	...	...	239	8,477	–3,827	17	11	...	6	...
29A	Drugs	43,864	...	1,292	7,272	–13,193	530	365	...	165	...
29B	Cleaning and toilet preparations	30,098	...	186	2,591	–2,052	180	126	...	54	...
30	Paints and allied products	480	...	42	745	–200	6	...	...	6	...
31	Petroleum refining and related products	53,355	...	46	9,084	–11,582	3,109	2,771	...	338	...
32	Rubber and miscellaneous plastics products	15,051	215	995	6,905	–13,253	625	423	...	152	50
33+34	Footwear, leather, and leather products	16,491	...	331	1,464	–12,824	45	41	...	4	...
35	Glass and glass products	979	...	185	1,544	–2,159	167	16	...	151	...
36	Stone and clay products	2,570	...	–196	1,713	–4,551	94	30	...	64	...
37	Primary iron and steel manufacturing	36	16	–339	3,505	–10,893	230	221	...	9	...
38	Primary nonferrous metals manufacturing	71	52	–392	6,379	–10,228	242	48	36	84	74
39	Metal containers	...	38	10	341	–201	15	15	...	...	...
40	Heating, plumbing, and fabricated structural metal products	326	3,612	–110	2,061	–1,008	677	158	184	239	96
41	Screw machine products and stampings	1,345	...	217	2,171	–2,628	193	122	...	71	...
42	Other fabricated metal products	4,266	2,415	67	4,849	–8,510	634	269	157	137	71
43	Engines and turbines	169	3,271	–184	5,419	–2,413	964	119	558	2	285
44+45	Farm, construction, and mining machinery	400	17,803	277	9,002	–4,754	506	9	464	9	24
46	Materials handling machinery and equipment	...	5,743	–41	1,302	–1,468	65	...	50	3	12
47	Metalworking machinery and equipment	687	17,652	18	3,686	–5,127	64	6	18	38	2
48	Special industry machinery and equipment	237	16,820	–106	4,510	–5,881	158	2	21	123	12
49	General industrial machinery and equipment	...	11,300	–80	7,834	–7,796	292	79	165	11	37
50	Miscellaneous machinery, except electrical	136	700	–59	1,962	–1,895	851	195	389	31	236
51	Computer and office equipment	5,368	36,169	–1,241	22,925	–32,687	2,864	222	963	732	947
52	Service industry machinery	910	7,376	165	3,320	–2,243	157	79	21	56	1
53	Electrical industrial equipment and apparatus	200	6,826	77	4,083	–5,295	802	376	126	147	153
54	Household appliances	13,100	2,668	–96	2,329	–4,072	40	22	9	1	8
55	Electric lighting and wiring equipment	2,023	283	141	2,839	–4,985	339	227	...	112	...
56	Audio, video, and communication equipment	21,682	24,513	374	9,551	–25,409	7,532	3,548	2,356	183	1,445
57	Electronic components and accessories	216	...	–51	16,150	–20,574	1,920	1,660	...	260	...
58	Miscellaneous electrical machinery and supplies	6,298	2,058	–149	5,702	–8,062	1,447	504	692	201	50
59A	Motor vehicles (passenger cars and trucks)	105,552	75,132	1,114	16,336	–58,285	2,104	5	1,574	14	511
59B	Truck and bus bodies, trailers, and motor vehicles parts	4,277	4,981	–220	16,995	–21,743	839	198	219	68	354
60	Aircraft and parts	465	13,676	–8,011	40,656	–12,153	37,546	26,065	9,906	1,021	554
61	Other transportation equipment	11,958	4,741	–298	3,354	–2,693	8,841	2,545	6,093	74	129
62	Scientific and controlling instruments	5,479	43,637	–228	17,864	–14,773	26,133	6,223	15,617	1,960	2,333
63	Opthalmic and photographic equipment	6,240	6,915	368	3,453	–8,153	1,335	964	294	55	22
64	Miscellaneous manufacturing	36,410	5,365	765	4,427	–23,335	22	41	108	–137	10
65A	Railroads and related services; passenger ground transportation	19,504	957	135	3,973	–164	914	606	23	279	6
65B	Motor freight transportation and warehousing	25,965	4,138	629	10,161	–2,059	5,326	4,174	177	926	49
65C	Water transportation	6,249	18	36	9,695	3,530	1,624	1,521	...	103	...
65D	Air transportation	36,404	1,539	137	23,317	–8,544	3,353	2,603	136	589	25
65E	Pipelines, freight forwarders, and related services	3,474	...	8	2,700	...	22	31	...	–9	...
66	Communications, except radio and TV	90,397	5,065	...	3,596	...	3,319	1,471	...	1,848	...
67	Radio and TV broadcasting	1,839	...	...	...	...	...	...	...	...	...
68A	Electric services (utilities)	79,337	...	...	267	–695	2,451	1,949	...	502	...
68B	Gas production and distribution (utilities)	29,537	...	11	548	...	470	346	...	124	...
68C	Water and sanitary services	20,464	...	...	65	...	1,036	495	...	541	...
69A	Wholesale trade	158,445	48,167	2,658	44,726	18,317	4,467	1,718	1,592	549	608
69B	Retail trade	471,448	14,358	...	20	...	2	...	...	2	...
70A	Finance	198,007	...	...	17,142	–265	1,030	...	...	1,030	...
70B	Insurance	138,181	...	...	1,685	–1,136	2,297	17	...	2,280	...
71A	Owner-occupied dwellings	457,250	...	...	...	...	...	...	...	...	...
71B	Real estate and royalties	166,640	28,407	...	20,683	–11	3,691	512	...	3,179	...
72A	Hotels and lodging places	29,881	...	...	48	...	1,116	967	...	149	...
72B	Personal and repair services (except auto)	65,602	...	...	42	...	69	51	...	18	...
73A	Computer and data processing services	2,444	3,441	–41	3,092	–225	16,719	7,913	...	8,806	...
73B	Legal, engineering, accounting, and related services	45,781	15,785	...	5,013	–839	3,733	3,126	...	607	...
73C	Other business and professional services, except medical	20,917	...	...	5,677	–1,632	21,244	14,210	...	7,034	...
73D	Advertising	676	...	...	531	–615	67	55	...	12	...
74	Eating and drinking places	242,151	...	...	328	...	1,230	505	...	725	...
75	Automotive repair and services	90,099	...	4	34	–6	496	431	...	65	...
76	Amusements	78,466	...	...	4,289	–248	573	548	...	25	...
77A	Health services	611,328	...	...	26	–13	1,681	9	...	1,672	...
77B	Educational and social services, and membership organizations	225,749	...	...	450	–449	9,527	390	...	9,137	...
78	Federal Government enterprises	6,881	...	...	188	...	1,058	1,080	...	–22	...
79	State and local government enterprises	22,489	...	...	...	...	205	165	...	40	...
80	Noncomparable imports	33,009	...	...	...	–90,036	12,063	9,906	...	2,157	...
81	Scrap, used and secondhand goods	17,187	–30,293	1,529	5,872	–2,746	668	933	18	126	–409
82	General government industry	...	...	...	...	...	273,327	196,793	...	76,534	...
83	Rest of the world adjustment to final uses	–66,481	...	...	67,325	–74	–770	...	...	–770	...
84	Household industry	10,087	...	...	...	...	...	...	...	...	...
85	Inventory valuation adjustment	...	...	–7,982	...	...	...	...	...	...	...
I	Total intermediate inputs	...	...	...	...	...	...	...	...	...	...
VA	Value added	...	...	...	...	...	...	...	...	...	...
T	**Total industry output**	**4,208,718**	**790,991**	**5,430**	**602,609**	**–631,637**	**525,912**	**318,866**	**56,121**	**130,235**	**20,690**

by Industries, 1992—Continued

at producers' prices]

State and local government consumption expenditures and gross investment					GDP	Total commodity output	Commodity number
Total	Education: Consumption expenditures	Education: Gross investment	Other: Consumption expenditures	Other: Gross investment			
	98C	98I	99C	99I			
194	40	...	154	...	3,506	89,375	1
940	297	...	643	...	33,404	104,546	2
–507	9	...	–516	...	–1,415	11,865	3
1,687	377	...	1,310	...	2,495	29,805	4
...	...	...	...	...	2,471	10,739	5+6
48	28	...	20	...	3,131	26,917	7
...	...	...	...	...	–40,978	97,623	8
58	...	...	58	...	–88	12,283	9+10
101,060	...	20,251	...	80,809	456,779	456,949	11
32,065	6,802	...	25,263	...	62,933	222,381	12
145	...	...	145	...	21,752	22,217	13
8,654	4,061	...	4,591	2	255,058	408,757	14
–20	–1	...	–19	...	36,799	40,147	15
216	73	...	143	...	401	37,528	16
75	6	12	47	10	7,909	17,983	17
1,091	6	...	1,085	...	52,009	68,637	18
446	67	...	379	...	10,251	21,021	19
176	75	...	101	...	6,882	87,127	20+21
2,666	...	1,601	4	1,061	37,370	42,849	22+23
3,260	1,654	...	1,606	...	17,503	98,497	24
198	39	...	159	...	1,391	31,743	25
652	406	...	246	...	15,494	19,895	26A
6,470	4,346	...	2,124	...	24,702	81,202	26B
3,537	826	...	2,711	...	15,562	113,359	27A
500	146	...	354	...	2,305	17,850	27B
2	1	...	1	...	4,908	50,944	28
4,936	119	...	4,817	...	44,701	62,321	29A
728	136	...	592	...	31,731	40,557	29B
412	296	...	116	...	1,485	14,379	30
12,068	5,385	...	6,683	...	66,080	149,831	31
1,912	110	...	1,802	...	12,450	111,813	32
160	...	...	160	...	5,667	9,538	33+34
382	73	...	309	...	1,098	17,981	35
180	80	...	100	...	–190	42,291	36
87	7	...	80	...	–7,358	73,922	37
78	5	...	73	...	–3,798	64,813	38
10	5	...	5	...	213	13,238	39
11	...	...	10	1	5,569	49,050	40
126	39	...	87	...	1,424	34,564	41
1,491	256	196	696	343	5,212	56,518	42
390	91	5	143	151	7,616	17,895	43
1,663	62	24	14	1,563	24,897	30,946	44+45
15	...	9	...	6	5,616	8,290	46
400	98	124	69	109	17,380	27,046	47
256	95	154	...	7	15,994	20,218	48
485	81	66	73	265	12,035	29,678	49
262	130	40	55	37	1,957	24,946	50
3,931	186	1,783	489	1,473	37,329	62,088	51
1,177	410	288	243	236	10,862	25,801	52
706	82	175	16	433	7,399	28,574	53
206	2	134	22	48	14,175	16,833	54
724	358	35	324	7	1,364	19,055	55
721	15	299	129	278	38,964	50,981	56
237	81	...	156	...	–2,102	73,298	57
434	98	185	125	26	7,728	21,103	58
5,887	...	1,364	...	4,523	147,840	149,684	59A
1,670	669	...	984	17	6,799	81,258	59B
45	...	...	...	45	72,224	102,154	60
912	...	218	35	659	26,815	29,907	61
4,263	65	496	2,204	1,498	82,375	107,915	62
2,998	699	403	1,452	444	13,156	22,745	63
2,270	807	464	970	29	25,924	39,450	64
4,287	3,663	16	557	51	29,606	62,058	65A
2,294	824	89	1,163	218	46,454	157,110	65B
424	84	...	340	...	21,576	34,347	65C
3,111	934	24	2,124	29	59,317	98,819	65D
218	56	...	162	...	6,422	28,966	65E
8,490	3,585	...	4,905	...	110,867	205,941	66
...	...	...	...	...	1,839	2,674	67
15,467	5,534	...	9,933	...	96,827	195,695	68A
3,645	2,023	...	1,622	...	34,211	96,155	68B
1,648	1,395	...	253	...	23,213	50,265	68C
11,621	3,196	1,421	5,228	1,776	288,401	568,970	69A
468	...	...	468	...	486,296	526,178	69B
11,106	...	...	11,106	...	227,020	390,774	70A
532	351	...	181	...	141,559	231,654	70B
...	...	...	...	...	457,250	457,250	71A
10,032	806	...	9,226	...	229,442	559,738	71B
631	–2,697	...	3,328	...	31,676	58,936	72A
2,724	1,060	...	1,664	...	68,437	92,016	72B
8,879	2,003	...	6,876	...	34,309	118,038	73A
3,988	1,908	...	2,080	...	73,461	252,597	73B
15,129	5,595	...	9,534	...	61,335	332,385	73C
1,507	621	...	886	...	2,166	138,530	73D
–3,075	–6,291	...	3,216	...	240,634	282,017	74
3,708	1,094	...	2,614	...	94,335	164,408	75
–2,070	224	...	–2,294	...	81,010	122,937	76
–61,899	–17	...	–61,882	...	551,123	564,607	77A
–23,985	–27,527	...	3,542	...	211,292	227,631	77B
2,625	182	...	2,443	...	10,752	50,200	78
658	225	...	433	...	23,352	30,162	79
...	...	...	...	...	–44,964	...	80
2,811	449	319	120	1,923	–4,972	2,175	81
491,062	257,127	...	233,935	...	764,389	764,389	82
...	...	...	...	...	...	...	83
...	...	...	...	...	10,087	10,087	84
...	...	...	...	...	–7,982	–7,982	85
...	...	...	...	...	...	...	I
...	...	...	...	...	6,233,905	...	VA
731,882	**286,205**	**30,195**	**317,405**	**98,077**	...	**10,822,647**	T

Table 2.2.—Input Components of Total Industry Output, 1992 Benchmark

[Millions of dollars at producers' prices]

Industry number		Value added				Total intermediate inputs	Total industry output	Industry number
		Total	Compensation	Indirect business tax and nontax liability	Other value added			
1	Livestock and livestock products	15,603	4,530	1,296	9,777	75,901	91,504	1
2	Other agricultural products	57,740	7,869	3,387	46,484	50,554	108,294	2
3	Forestry and fishery products	4,806	1,651	513	2,642	4,807	9,613	3
4	Agricultural, forestry, and fishery services	16,982	14,209	569	2,204	11,269	28,251	4
5+6	Metallic ores mining	4,330	2,721	542	1,067	6,419	10,749	5+6
7	Coal mining	15,804	8,366	2,429	5,009	11,113	26,917	7
8	Crude petroleum and natural gas	49,313	14,127	4,729	30,457	56,056	105,369	8
9+10	Nonmetallic minerals mining	8,214	4,500	577	3,137	5,468	13,682	9+10
11	New construction	202,770	159,748	2,836	40,186	254,179	456,949	11
12	Maintenance and repair construction	109,852	83,087	709	26,056	112,529	222,381	12
13	Ordnance and accessories	14,931	10,171	312	4,448	10,829	25,760	13
14	Food and kindred products	125,027	56,037	10,243	58,747	283,455	408,482	14
15	Tobacco products	25,731	3,362	5,540	16,829	14,415	40,146	15
16	Broad and narrow fabrics, yarn and thread mills	14,519	10,425	249	3,845	27,127	41,646	16
17	Miscellaneous textile goods and floor coverings	5,769	3,592	121	2,056	11,811	17,580	17
18	Apparel	23,318	19,087	246	3,985	45,814	69,132	18
19	Miscellaneous fabricated textile products	7,378	5,156	86	2,136	11,677	19,055	19
20+21	Lumber and wood products	31,858	18,500	480	12,878	55,007	86,865	20+21
22+23	Furniture and fixtures	19,462	13,002	222	6,238	23,515	42,977	22+23
24	Paper and allied products, except containers	39,850	20,366	866	18,618	59,763	99,613	24
25	Paperboard containers and boxes	10,300	7,982	280	2,038	21,638	31,938	25
26A	Newspapers and periodicals	34,017	19,094	319	14,604	22,694	56,711	26A
26B	Other printing and publishing	57,511	34,252	611	22,648	53,053	110,564	26B
27A	Industrial and other chemicals	40,288	21,962	1,737	16,589	69,592	109,880	27A
27B	Agricultural fertilizers and chemicals	6,187	2,491	159	3,537	11,644	17,831	27B
28	Plastics and synthetic materials	14,788	9,240	397	5,151	33,252	48,040	28
29A	Drugs	31,957	12,041	685	19,231	30,717	62,674	29A
29B	Cleaning and toilet preparations	18,309	5,845	341	12,123	21,319	39,628	29B
30	Paints and allied products	5,771	2,880	121	2,770	8,427	14,198	30
31	Petroleum refining and related products	19,526	8,815	4,200	6,511	126,183	145,709	31
32	Rubber and miscellaneous plastics products	48,800	31,129	930	16,741	62,561	111,361	32
33+34	Footwear, leather, and leather products	3,512	2,367	65	1,080	5,856	9,368	33+34
35	Glass and glass products	9,445	5,553	160	3,732	8,370	17,815	35
36	Stone and clay products	19,559	12,465	412	6,682	23,345	42,904	36
37	Primary iron and steel manufacturing	27,412	20,920	866	5,626	49,153	76,565	37
38	Primary nonferrous metals manufacturing	16,332	11,471	727	4,134	47,441	63,773	38
39	Metal containers	2,502	2,018	93	391	10,563	13,065	39
40	Heating, plumbing, and fabricated structural metal products	20,706	15,160	358	5,188	28,785	49,491	40
41	Screw machine products and stampings	15,084	12,889	248	1,947	19,619	34,703	41
42	Other fabricated metal products	25,539	17,449	384	7,706	28,435	53,974	42
43	Engines and turbines	6,630	4,556	133	1,941	10,414	17,044	43
44+45	Farm, construction, and mining machinery	13,098	8,763	259	4,076	18,933	32,031	44+45
46	Materials handling machinery and equipment	3,518	2,676	63	779	4,634	8,152	46
47	Metalworking machinery and equipment	14,381	11,779	202	2,400	11,230	25,611	47
48	Special industry machinery and equipment	9,646	7,413	161	2,072	10,585	20,231	48
49	General industrial machinery and equipment	14,472	10,756	235	3,481	15,342	29,814	49
50	Miscellaneous machinery, except electrical	14,160	11,897	195	2,068	10,911	25,071	50
51	Computer and office equipment	17,992	13,357	508	4,127	45,932	63,924	51
52	Service industry machinery	10,967	7,483	211	3,273	15,488	26,455	52
53	Electrical industrial equipment and apparatus	13,437	9,198	205	4,034	14,372	27,809	53
54	Household appliances	5,863	3,506	130	2,227	10,773	16,636	54
55	Electric lighting and wiring equipment	9,025	5,708	143	3,174	10,086	19,111	55
56	Audio, video, and communication equipment	24,624	14,449	384	9,791	27,531	52,155	56
57	Electronic components and accessories	34,420	23,599	526	10,295	36,520	70,940	57
58	Miscellaneous electrical machinery and supplies	8,896	6,267	160	2,469	12,327	21,223	58
59A	Motor vehicles (passenger cars and trucks)	23,958	16,975	960	6,023	126,780	150,738	59A
59B	Truck and bus bodies, trailers, and motor vehicles parts	25,285	22,360	438	2,487	54,981	80,266	59B
60	Aircraft and parts	43,482	35,059	670	7,753	58,227	101,709	60
61	Other transportation equipment	14,369	10,601	182	3,586	15,631	30,000	61
62	Scientific and controlling instruments	60,227	39,582	638	20,007	45,262	105,489	62
63	Opthalmic and photographic equipment	14,319	4,934	146	9,239	9,812	24,131	63
64	Miscellaneous manufacturing	17,952	12,280	341	5,331	23,363	41,315	64
65A	Railroads and related services; passenger ground transportation	34,390	23,458	1,006	9,926	21,364	55,754	65A
65B	Motor freight transportation and warehousing	83,371	55,533	2,615	25,223	83,582	166,953	65B
65C	Water transportation	12,796	7,140	583	5,073	19,644	32,440	65C
65D	Air transportation	42,166	32,761	5,696	3,709	51,975	94,141	65D
65E	Pipelines, freight forwarders, and related services	19,624	10,710	993	7,921	13,992	33,616	65E
66	Communications, except radio and TV	120,561	43,959	12,620	63,982	87,533	208,094	66
67	Radio and TV broadcasting	11,809	8,399	541	2,869	17,550	29,359	67
68A	Electric services (utilities)	110,976	22,255	12,554	76,167	59,920	170,896	68A
68B	Gas production and distribution (utilities)	22,373	5,837	4,329	12,207	70,784	93,157	68B
68C	Water and sanitary services	8,802	4,337	1,833	2,632	10,380	19,182	68C
69A	Wholesale trade	399,937	231,373	101,516	67,048	169,033	568,970	69A
69B	Retail trade	359,670	216,386	73,207	70,077	162,849	522,519	69B
70A	Finance	250,165	145,483	16,337	88,345	166,107	416,272	70A
70B	Insurance	103,876	91,915	13,920	–1,959	127,221	231,097	70B
71A	Owner-occupied dwellings	398,831	.....	73,022	325,809	58,419	457,250	71A
71B	Real estate and royalties	412,233	48,354	79,726	284,153	137,880	550,113	71B
72A	Hotels and lodging places	33,531	21,166	5,222	7,143	26,071	59,602	72A
72B	Personal and repair services (except auto)	53,997	30,383	2,095	21,519	37,775	91,772	72B
73A	Computer and data processing services	71,345	49,419	1,869	20,057	44,385	115,730	73A
73B	Legal, engineering, accounting, and related services	170,992	119,231	1,717	50,044	85,369	256,361	73B
73C	Other business and professional services, except medical	246,758	145,046	5,575	96,137	93,687	340,445	73C
73D	Advertising	19,229	11,774	352	7,103	10,636	29,865	73D
74	Eating and drinking places	134,648	95,245	16,647	22,756	146,060	280,708	74
75	Automotive repair and services	72,991	39,070	6,708	27,213	65,390	138,381	75
76	Amusements	66,696	39,403	5,012	22,281	54,672	121,368	76
77A	Health services	371,448	290,825	3,437	77,186	193,538	564,986	77A
77B	Educational and social services, and membership organizations	125,701	116,120	524	9,057	102,631	228,332	77B
78	Federal Government enterprises	46,883	47,839	.....	–956	14,089	60,972	78
79	State and local government enterprises	40,089	27,599	.....	12,490	52,717	92,806	79
82	General government industry	764,389	654,208	.....	110,181	.....	764,389	82
84	Household industry	10,087	10,087	.....	.....	.....	10,087	84
85	Inventory valuation adjustment	–7,982	.....	.....	–7,982	.....	–7,982	85
T	**Total**	**6,233,905**	**3,645,042**	**505,591**	**2,083,272**	**4,588,742**	**10,822,647**	T

Note on Alternative Measures of Gross Product by Industry

THE TWO ARTICLES that precede this note present two independently derived, but conceptually equivalent, measures of current-dollar gross product by industry for 1992 that are prepared by the Bureau of Economic Analysis (BEA).

- Estimates of *gross product originating (GPO) by industry* are prepared using industry distributions of the components of the national income and product account (NIPA) measure of gross domestic income, which is the sum of the costs incurred and the incomes earned in the production of gross domestic product (GDP). (See Sherlene K.S. Lum and Robert E. Yuskavage, "Gross Product by Industry, 1947–96," beginning on page 20 of this issue.)
- Estimates of *value added by industry* are prepared in the benchmark input-output (I-O) accounts as the difference between the I-O measures of the gross output and the intermediate inputs used in each industry. (See Ann M. Lawson, "Benchmark Input-Output Accounts for the U.S. Economy, 1992," beginning on page 36 of this issue.)

This note explains BEA's use of the NIPA data for the GPO estimates, discusses the differences between the GPO estimates and the I-O estimates for 1992, and describes the steps BEA is taking to address these differences.

BEA views the GDP estimate that is derived in the benchmark I-O accounts as the most accurate estimate available. It is based on the most reliable source data—primarily detailed and comprehensive information from the most recent quinquennial economic censuses—and it is calculated within the framework of the I-O accounts, which track the detailed input and output flows in the economy.[1]

In order to prepare timely annual estimates of GPO by industry, BEA uses the industry distributions of the NIPA components of gross domestic income (GDI). The GDI estimates are available annually, while the I-O value-added estimates are available at roughly 5-year intervals. In addition, because of a lack of comprehensive source data on intermediate inputs, the I-O estimates of industry value added reflect a widespread use of indirect estimating methodologies; the missing source data are primarily on business purchases of services and purchases of goods by nonmanufacturing industries.[2] As a result, while the I-O-based estimate of GDP is viewed as a more accurate measure of GDP than the GDI-based estimate of GDP, the I-O-based estimates of the distribution of GDP by industry are not necessarily more accurate than GDI-based estimates of GDP by industry.

The industry distributions of GDI are available on a more timely basis, but they also reflect the use of less-than-adequate source data. In particular, IRS tabulations of corporate income tax returns—which are the source data for the estimates of corporate profits, depreciation, and net interest—are available only on an enterprise, or company, basis, so they must be converted by BEA to an establishment, or plant, basis. However, the methodologies used for this conversion are less than adequate, and they are not applicable to net interest, for which no conversion is made.[3]

Another source data problem that affects both the I-O value-added and the GPO estimates is the lack of consistency in industry classification at the establishment level. The I-O estimates largely reflect the industry classifications assigned by the Bureau of the Census in the economic censuses. The GPO estimates reflect a mix of classifications: The wage and salary component of GDI is based on industry classifications assigned by the Bureau of Labor Statistics for *Employment and Wages*, and the nonfarm proprietors' income component is based on industry classifications assigned by the Internal Revenue Service for the *Statistics of Income* program. In addition, GDI in theory should equal GDP, but in practice, these measures differ because they are estimated using largely independent and less-than-perfect source data. The difference between these two NIPA measures is called the "statistical discrepancy." For the GPO series, the statistical discrepancy is presented as a component of private industries because BEA assumes that it does not affect the estimates for government.[4] For the I-O accounts, this difference does not exist, because the components of both final expenditures and value added result from the internally consistent I-O framework and because these accounts do not include independent estimates of the detailed components of value added.

The accompanying table presents an approximation of the differences in the industry distribution of GDP for 1992 on the basis of the presently published GPO

1. The estimates of GDP and its final expenditures components from the I-O accounts will be incorporated into the NIPA's in the next comprehensive NIPA revision.

2. For information on the source data used to prepare the benchmark I-O accounts, see table B in Lawson, "Benchmark Input-Output Accounts," 44.

3. For information on the source data used to prepare the industry distributions of GDI, see Robert E. Yuskavage, "Improved Estimates of Gross Product by Industry, 1959–94," SURVEY OF CURRENT BUSINESS 76 (August 1996): 143–145.

4. For more information, see the box "Gross Product Originating: Definition and Relationship to Gross Domestic Product" on page 20 of this issue.

NOTE.—This special note was prepared by Robert P. Parker.

and the new I-O estimates. In order to make a valid comparison, it was necessary to adjust both series. The GPO estimates were adjusted to reflect the new I-O estimates of GDP: The difference between the new I-O estimates and the existing NIPA estimates of GDP was added to the statistical discrepancy on the assumption that the new I-O estimates will not affect the existing estimates of GDI. The I-O estimates of value added were adjusted for the major differences in industry classification between the two sets of estimates.[5]

A comparison of the adjusted series shows that the largest percentage difference in the industry distribution in GDP is for manufacturing: The I-O estimates show a share of GDP (18.5 percent) that is 1.4 percentage points higher than the GPO share. The largest offset to this difference is in retail trade, where the I-O share (8.1 percent) is 0.6 percentage point lower than the GPO share. These differences may reflect the weakness in the methodology used to convert some of the GDI components, such as corporate profits, from an enterprise to an establishment basis; this weakness may be particularly significant for manufacturing firms because many of them are also engaged in retail activities. For both the communications industry and the electric, gas, and sanitary services industry, the I-O value-added estimates are 0.4 percentage point lower than the GPO estimates. These differences may reflect errors in the industry distribution of intermediate inputs in the I-O accounts or differences in establishment-industry classifications embedded in the source data.

As part of the implementation of its Strategic Plan, BEA is working to improve the integration of the I-O accounts and the GPO estimates in order to reduce or eliminate these differences.[6] BEA will be reviewing expected improvements in the source data and in the methodologies used to prepare both the I-O accounts and the GPO series. These improvements include collecting additional data on intermediate purchases by nonmanufacturing establishments in the 1997 economic censuses and improving the consistency of the industry classifications assigned by Federal statistical agencies using the new U.S. industry classification system (the North American Industry Classification System). BEA is also developing plans to prepare annual I-O accounts and will evaluate the reliability of the procedures that are used in the GPO estimates to convert enterprise data to an establishment-industry basis.

5. For differences between the GPO industry classifications, which follow the 1987 Standard Industrial Classification system, and the I-O classification system, see appendix A in Lawson, "Benchmark Input-Output Accounts," 58.

6. For more information, see "Mid-Decade Strategic Review of BEA's Economic Accounts: Maintaining and Improving Their Performance," SURVEY 75 (February 1995): 36–66; and "Mid-Decade Strategic Review of BEA's Economic Accounts: An Update," SURVEY 75 (April 1995): 48–56.

Table 1.—Comparison of GPO With I-O Value Added, 1992

	Billions of dollars				Percent	
	GPO		I-O value added		Percentage of GDP	
	Published	Adjusted	Published [1]	Adjusted	Adjusted GPO	Adjusted I-O value added
Gross domestic product	**6,244.4**	**6,233.9**	**6,233.9**	**6,233.9**	**100.0**	**100.0**
Private industries	**5,370.8**	**5,360.3**	**5,382.5**	**5,365.9**	**86.0**	**86.1**
Agriculture, forestry, and fishing	112.4	112.4	98.1	105.9	1.8	1.7
Mining	92.2	92.2	88.5	89.0	1.5	1.4
Construction	229.7	229.7	301.7	252.4	3.7	4.0
Manufacturing	1,063.6	1,063.6	1,136.1	1,155.7	17.1	18.5
Durable goods	573.4	573.4	603.6	616.0	9.2	9.9
Nondurable goods	490.3	490.3	532.6	539.6	7.9	8.7
Transportation and public utilities	528.7	528.7	466.9	484.5	8.5	7.8
Transportation	192.8	192.8	192.3	193.5	3.1	3.1
Communications	161.1	161.1	132.4	139.9	2.6	2.2
Electric, gas, and sanitary services	174.7	174.7	142.2	151.1	2.8	2.4
Wholesale trade	406.4	406.4	399.9	404.2	6.5	6.5
Retail trade	544.3	544.3	494.3	506.3	8.7	8.1
Finance, insurance, and real estate	1,147.9	1,147.9	1,165.1	1,165.2	18.4	18.7
Services	1,200.8	1,200.8	1,239.8	1,202.8	19.3	19.3
Inventory valuation adjustment	n.a.	n.a.	–8.0	n.a.	n.a.	n.a.
Statistical discrepancy	44.8	34.3	n.a.	n.a.	.5	n.a.
Government	**873.6**	**873.6**	**851.8**	**868.0**	**14.0**	**13.9**
General government	781.0	781.0	764.4	781.0	12.5	12.5
Government enterprises	92.6	92.6	87.0	87.0	1.5	1.4

n.a. Not applicable.
1. For this table, I-O industries have been combined for consistency with the Standard Industrial Classification system used in the GPO estimates.

GPO Gross product originating
I-O Input-output

Reconciliation of the U.S.-Canadian Current Account, 1995 and 1996

By Anthony J. DiLullo and Lucie Laliberté

Anthony DiLullo is the assistant chief of BEA's Balance of Payments Division. Lucie Laliberté is the director of Statistics Canada's Balance of Payments Division. This article will also be published in *Canada's Balance of International Payments, Third Quarter 1997.*

ON THE reconciled basis, the U.S.-Canadian current account reflects a larger U.S. deficit, or Canadian surplus, than on the published basis for both 1995 and 1996. The U.S.-published current-account balance with Canada is a deficit of $6.8 billion for 1995 and a deficit of $10.7 billion for 1996. On a reconciled basis, the U.S. deficit is $8.9 billion for 1995 and $13.5 billion for 1996 (chart 1, table 1). The corresponding Canadian-published balance is a surplus of $6.4 billion for 1995 and a surplus of $12.8 billion for 1996; on a reconciled basis, the surplus is $8.9 billion for 1995 and $13.6 billion for 1996.[1]

This article presents the results of the reconciliation of the bilateral current-account estimates of Canada and the United States for 1995 and 1996.[2] The reconciliation is undertaken because of the extensive economic links between the two countries and the need to explain differences in the published Canadian and U.S. estimates of the bilateral current account. In principle, the bilateral current account of one country should mirror the bilateral current account of the other country.

This year, a few of the standard reconciliation adjustments were no longer required because of changes in the published Canadian international transactions accounts (see the box "Changes in the Canadian-Published International Transactions Accounts"). The changes in the Canadian accounts eliminated some of the definitional and methodological differences in the goods and services accounts.

Differences occur in the bilateral U.S. and Canadian current accounts as published by the

1. The reconciled estimates are intended to show how the current-account estimates would appear if both countries used the same definitions, methodologies, and data sources. The reconciliation of the U.S.-Canadian current account does not necessarily result in revisions to the published accounts.

2. The reconciliation of the current account has been undertaken each year since 1970. Summary results of the reconciliations were published in the United States in the following issues of the SURVEY OF CURRENT BUSINESS: June 1975, September 1976 and 1977, December 1979, June 1981, and December 1981 through 1991. Complete details of the reconciliations for 1990 forward were published in the following issues of the SURVEY: November 1992, October 1993 through 1995, and November 1996. In Canada, the results were published in the following issues of *Canada's Balance of International Payments* (catalogue 67–001), a publication of Statistics Canada: Fourth Quarter 1973, Second Quarter 1976 and 1977, Third Quarter 1978 and 1979, First Quarter 1981, and Third Quarter 1981 through 1996.

Table 1.—Major U.S.-Canadian Balances

[Billions of U.S. dollars]

	Published estimates		Reconciled estimates [1]	
	United States	Canada	United States	Canada
1995				
Goods	–19.5	23.4	–24.5	24.5
Services	5.7	–5.8	5.4	–5.4
Investment income	7.4	–12.3	10.6	–10.6
Goods, services, and income	–6.4	5.3	–8.5	8.5
Unilateral transfers, net	–.4	1.1	–.3	.3
Current account	–6.8	6.4	–8.9	8.9
1996				
Goods	–24.0	29.3	–29.6	29.6
Services	6.2	–6.0	5.7	–5.6
Investment income	7.5	–11.9	10.7	–10.6
Goods, services, and income	–10.3	11.4	–13.2	13.3
Unilateral transfers, net	–.3	1.4	–.3	.3
Current account	–10.7	12.8	–13.5	13.6

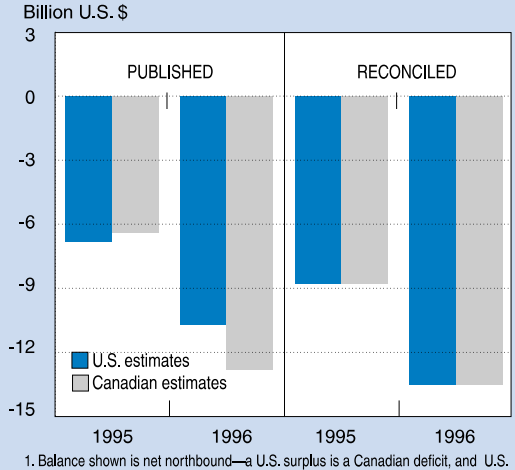
1. Some differences remain in the reconciled estimates because some service and income estimates could not be fully reconciled.

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

Details may not add to totals because of rounding.

CHART 1

U.S.-Canadian Current-Account Balance [1]



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

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

Bureau of Economic Analysis (BEA) and by Statistics Canada because of differences in the definitions, methodologies, and statistical sources used by each agency. In addition, some of the differences for 1996 are in components of the current account for which data are still preliminary and subject to revision; these differences may be eliminated when final data for these components become available. The reconciled estimates are intended to assist analysts who use both countries' statistics and to reflect how the current-account estimates would appear if both countries used common definitions, methodologies, and data sources.[3] (A few differences cannot be satisfactorily reconciled, because of differences in accounting conventions and survey methods in each country.)

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

The longstanding Canadian-U.S. current-account reconciliation is among the leading examples of the benefits that can be derived from international data sharing. The reconciliation process and the exchange of data have resulted in greater accuracy of the published estimates of transactions between Canada and the United States and increased efficiency in producing the estimates. The exchange of data between Canada and the United States for transactions such as trade in goods, travel, passenger fares, Canadian and U.S. Government transactions, and some transportation transactions covers over 80 percent of the value of the Canadian and U.S. current account and has led to the elimination of some differences in Canadian and U.S. published estimates. Wider opportunities for international data sharing may result from the upcoming 1997 yearend coordinated benchmark survey of international portfolio investment that will be undertaken by more than 30 countries, including Canada and the United

Changes in the Canadian-Published International Transactions Accounts

Statistics Canada changed the Canadian-published international transactions accounts this year to conform more closely to the balance of payments guidelines published in the fifth edition of the International Monetary Funds's *Balance of Payments Manual.* The changes to the Canadian-published accounts eliminated the need for some of the reconciliation adjustments, but they also introduced the need for a new adjustment.

Adjustments that were eliminated

Valuation of goods.—Statistics Canada changed its valuation of Canadian exports and imports of goods shipped by land transportation between the United States and Canada; the valuation now includes the cost of transporting the goods from plants in Canada and the United States to the U.S.-Canadian border. Previously, goods were valued at the plant, and the transportation costs to the border were included in the Canadian transportation account. The change in this treatment, which is already used in the U.S. accounts, eliminates the need to reclassify these transportation costs from the goods account to the transportation account in the U.S. accounts.

Other adjustments to goods.—Statistics Canada now includes the gross value of goods exported and imported for processing and the gross value of the returned processed goods in the goods account. Previously, these goods were excluded from the goods account, and the processing fees were included in "other services." In addition, the goods account no longer includes progress payments: Goods such as aircraft are now recorded when they are delivered; previously they were recorded as a cumulative series of progress payments. As a result of these changes, the adjustments to the Canadian-published accounts to add the gross value of returned processed goods and to eliminate progress payments are no longer required.

Passenger fares.—Statistics Canada reclassified passenger fares from travel to transportation. Passenger fares are shown as a separate line item in the U.S.-published accounts. Thus, the adjustment to remove passenger fares from the Canadian travel account has been eliminated.

Transborder trucking.—The Canadian accounts now include earnings of Canadian- and U.S.-resident trucking companies for transporting goods in the other's country. Previously, these earnings were not included in the Canadian transportation account. BEA introduced these estimates into the U.S.-published accounts in 1995. Thus, the adjustments to the Canadian and U.S. accounts to reconcile the omission in the Canadian accounts are no longer required.

New adjustment

Education and medical services.—Statistics Canada now includes education and medical services in the Canadian travel account, whereas the United States includes them in "other private services." Thus, for purposes of reconciliation, it is necessary to reclassify education and medical services from "other private services" to "travel" in the U.S. accounts. BEA does not plan to implement this reclassification in its national presentation of the U.S. accounts. However, BEA will continue to make this information available to the International Monetary Fund to facilitate the Fund's work on international data comparisons.

Acknowledgments

The reconciliations were carried out under the direction of Lucie Laliberté, director of Statistics Canada's Balance of Payments Division, and Anthony DiLullo, assistant chief of BEA's Balance of Payments Division. At Statistics Canada, Hugh Henderson, Robert Théberge, Denis Caron, Emmanuel Manolikakis, and Linda Tassé participated in the reconciliation of the Canadian accounts. Denis Caron was responsible for the production and coordination of the reconciliation tables. At BEA, Russell Scholl, assisted by Jane Newstedt, was responsible for reconciling the U.S. portfolio income accounts; Mark New, for the accounts related to U.S. direct investment in Canada; Gregory M. Fouch, for the accounts related to Canadian direct investment in the United States; Kwok Lee, for trade in goods; and Michael Mann, for services.

States, under the auspices of the International Monetary Fund.

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

Reconciled Current-Account Balances for 1995 and 1996

In the U.S. current account, the reconciliation adjustments resulted in increases of $2.0 billion in the 1995 deficit and $2.8 billion in the 1996 deficit. The changes reflect larger adjustments to the U.S. southbound estimates (payments) than to the northbound estimates (receipts) (tables 2.1 and 2.2).[4] The largest increases in the U.S. southbound estimates in both years result from the addition of Canadian reexports to U.S. imports of goods (a definitional adjustment) and from an increase for undercoverage in the U.S. inland freight adjustment to U.S. imports of goods (a statistical adjustment). The largest increases in the U.S. northbound estimates in both years result from an upward adjustment to investment income receipts (a statistical adjustment).

In the Canadian current account, the reconciliation adjustments resulted in increases of $2.5 billion in the 1995 surplus and $0.8 billion in the 1996 surplus. The changes reflect decreases to the Canadian northbound estimates (payments) in both years and a small increase in 1995 and a small decrease in 1996 to the Canadian southbound estimates (receipts). The Canadian northbound estimates were adjusted downward to account for definitional and methodological differences in income and in services. These adjustments were partly offset by upward adjustments for statistical differences, mainly in trade in goods. In the Canadian southbound estimates, the upward adjustment in 1995 results from a definitional adjustment in goods; this adjustment was largely offset by downward adjustments in services and income, largely reflecting statistical and methodological adjustments. In 1996, the shift to a small downward adjustment mainly reflected a reduction in the value of the definitional adjustment to trade in goods.

The details of the current-account reconciliation for 1995 and 1996 are presented in the tables that follow this article. Tables 2.1 and 2.2 show the major types of reconciliation adjustments—definitional, methodological, and statistical—that were made to the major current-account components. Tables 3.1 and 3.2 present the published estimates, the reconciled estimates, and the amounts of the adjustments for each major component. Tables 4–8 present the reconciliation details for each current-account component.[5]

Tables 2.1 through 8.2 follow.

4. In this article, the term "northbound" refers to U.S. receipts, or Canadian payments; the term "southbound" refers to U.S. payments, or Canadian receipts. All values are expressed in U.S. dollars.

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

Table 2.1.—Summary of Reconciliation Adjustments, Northbound

[Millions of U.S. dollars]

	Definitional		Methodological				Statistical		Total	
			Reclassification		Gross or net					
	United States	Canada	United States	Canada	United States	Canada	United States	Canada	United States	Canada
1995										
Goods	.....	–140	209	.....	.....	.....	–1	1,366	208	1,226
Services	.....	–170	–209	.....	.....	.....	324	–808	115	–978
Transfers under U.S. military agency sales contracts	.....	.....	.....	.....	.....	.....	.....	136	.....	136
Travel	.....	.....	527	.....	.....	.....	–59	78	468	78
Passenger fares	.....	.....	.....	.....	.....	.....	–185	.....	–185	.....
Other transportation	.....	.....	.....	447	.....	.....	–7	–82	–7	365
Other services	.....	–170	–736	–447	.....	.....	575	–940	–161	–1,558
Affiliated	.....	–116	–152	.....	.....	.....	.....	–1,107	–152	–1,223
Unaffiliated	.....	–54	–584	–447	.....	.....	537	151	–47	–350
Government	.....	.....	.....	.....	.....	.....	38	16	38	16
Investment income	.....	–684	.....	.....	–507	–1,943	2,587	439	2,080	–2,188
Direct	.....	–269	.....	–44	.....	–118	–695	856	–695	425
Other	.....	–415	.....	44	–507	–1,825	3,282	–417	2,775	–2,613
Unilateral transfers	.....	–120	.....	.....	313	.....	38	.....	351	–120
Total adjustments	.....	**–1,114**	.....	.....	**–194**	**–1,943**	**2,948**	**997**	**2,752**	**–2,060**
1996										
Goods	.....	–219	186	.....	.....	.....	5	1,627	191	1,408
Services	.....	–111	–186	.....	.....	.....	397	–453	213	–565
Transfers under U.S. military agency sales contracts	.....	.....	.....	.....	.....	.....	.....	166	.....	166
Travel	.....	.....	555	.....	.....	.....	13	93	568	93
Passenger fares	.....	.....	.....	.....	.....	.....	–213	.....	–213	.....
Other transportation	.....	.....	.....	474	.....	.....	5	–48	5	426
Other services	.....	–111	–741	–474	.....	.....	592	–664	–147	–1,248
Affiliated	.....	–64	–151	.....	.....	.....	.....	–844	–151	–908
Unaffiliated	.....	–47	–590	–474	.....	.....	555	156	–35	–365
Government	.....	.....	.....	.....	.....	.....	37	24	37	24
Investment income	.....	–1,026	.....	.....	–536	–1,646	2,858	940	2,322	–1,733
Direct	.....	–293	.....	–70	.....	–103	–772	1,646	–772	1,180
Other	.....	–733	.....	70	–536	–1,543	3,630	–706	3,094	–2,912
Unilateral transfers	.....	–109	.....	.....	319	.....	50	.....	369	–109
Total adjustments	.....	**–1,465**	.....	.....	**–217**	**–1,646**	**3,310**	**2,114**	**3,094**	**–996**

Table 2.2.—Summary of Reconciliation Adjustments, Southbound

[Millions of U.S. dollars]

	Definitional		Methodological				Statistical		Total	
			Reclassification		Gross or net					
	Canada	United States	Canada	United States	Canada	United States	Canada	United States	Canada	United States
1995										
Goods	2,273	3,908	.....	20	.....	.....	92	1,300	2,365	5,228
Services	–142	.....	.....	–20	.....	.....	–422	385	–564	365
Direct defense expenditures	.....	.....	34	–20	.....	.....	.....	.....	34	–20
Travel	.....	.....	.....	9	.....	.....	.....	68	.....	77
Passenger fares	.....	.....	.....	.....	.....	.....	.....	–3	.....	–3
Other transportation	–86	.....	457	.....	.....	.....	169	–382	540	–382
Other services	–56	.....	–491	–9	.....	.....	–591	702	–1,140	693
Affiliated	–9	.....	.....	.....	.....	.....	–825	.....	–834	.....
Unaffiliated	–47	.....	–491	–9	.....	.....	265	690	–273	681
Government	.....	.....	.....	.....	.....	.....	–31	12	–31	12
Investment income	–256	.....	.....	.....	–1,943	–507	1,707	–607	–492	–1,114
Direct	–149	.....	.....	.....	–118	.....	776	–457	509	–457
Other	–107	.....	.....	.....	–1,825	–507	931	–150	–1,001	–657
Unilateral transfers	–816	.....	.....	.....	.....	313	–27	.....	–843	313
Total adjustments	**1,059**	**3,908**	.....	.....	**–1,943**	**–194**	**1,350**	**1,078**	**465**	**4,793**
1996										
Goods	513	4,376	.....	21	.....	.....	1,169	1,344	1,682	5,741
Services	–143	.....	.....	–21	.....	.....	–81	710	–224	689
Direct defense expenditures	.....	.....	32	–21	.....	.....	–6	.....	26	–21
Travel	.....	.....	.....	10	.....	.....	.....	155	.....	165
Passenger fares	.....	.....	.....	.....	.....	.....	.....	–1	.....	–1
Other transportation	–79	.....	477	.....	.....	.....	159	–335	557	–335
Other services	–64	.....	–509	–10	.....	.....	–234	891	–807	881
Affiliated	–13	.....	.....	.....	.....	.....	–313	.....	–326	.....
Unaffiliated	–51	.....	–509	–10	.....	.....	159	878	–401	868
Government	.....	.....	.....	.....	.....	.....	–80	13	–80	13
Investment income	–183	.....	.....	.....	–1,646	–536	1,325	–324	–504	–860
Direct	–96	.....	.....	.....	–103	.....	137	–252	–62	–252
Other	–87	.....	.....	.....	–1,543	–536	1,188	–72	–442	–608
Unilateral transfers	–1,139	.....	.....	.....	.....	319	–48	.....	–1,187	319
Total adjustments	**–952**	**4,376**	.....	.....	**–1,646**	**–217**	**2,365**	**1,730**	**–233**	**5,888**

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

[Millions of U.S. dollars]

	Published estimates			Reconciled estimates			Adjustments to published estimates	
	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	Remaining difference	United States	Canada
1995								
Goods and services	146,022	168,197	–9	146,345	146,279	66	2,402	–1,940
Goods	127,585	126,567	1,018	127,793	127,793	.....	208	1,226
Services	18,437	19,464	–1,027	18,552	18,486	66	115	–978
Transfers under U.S. military agency sales contracts	136	(1)	136	136	136	.....	.....	136
Travel	6,207	6,597	–390	6,675	6,675	.....	468	78
Passenger fares	1,284	1,099	185	1,099	1,099	.....	–185	.....
Other transportation	2,688	2,290	398	2,682	2,656	26	–6	365
Royalties and license fees	1,212	1,461	–249	(2)	(2)	.....	–1,212	–1,461
Other services	6,910	8,017	–1,107	7,960	7,920	40	1,050	–97
Investment income	17,899	22,166	–4,267	19,978	19,978	.....	2,079	–2,188
Direct investment	8,812	7,693	1,119	8,117	8,117	.....	–695	424
Other private assets/liabilities	9,087	14,473	–5,386	11,862	11,862	.....	2,775	–2,611
U.S. Government assets	.....	(3)	.....	(3)	(3)	.....	.....	.....
Unilateral transfers, net	.....	.....	.....	.....	.....	.....	.....	.....
Unilateral transfers, gross	.....	470	–470	351	351	.....	351	–120
Current account, northbound	**163,922**	**168,669**	**–4,746**	**166,674**	**166,608**	**66**	**2,752**	**–2,060**
1996								
Goods and services	154,789	154,253	536	155,193	155,098	95	2,726	–887
Goods	134,609	133,392	1,217	134,800	134,800	.....	191	1,409
Services	20,180	20,861	–681	20,393	20,298	95	213	–563
Transfers under U.S. military agency sales contracts	166	(1)	166	166	166	.....	.....	166
Travel	6,763	7,239	–476	7,331	7,331	.....	568	93
Passenger fares	1,331	1,118	213	1,118	1,118	.....	–213	.....
Other transportation	2,889	2,443	446	2,894	2,870	24	5	426
Royalties and license fees	1,416	1,554	–138	(2)	(2)	.....	–1,416	–1,554
Other services	7,615	8,507	–892	8,884	8,813	71	1,269	306
Investment income	17,497	21,551	–4,054	19,819	19,819	.....	2,322	–1,733
Direct investment	8,642	6,690	1,952	7,870	7,870	.....	–772	1,180
Other private assets/liabilities	8,855	14,861	–6,006	11,949	11,949	.....	3,094	–2,912
U.S. Government assets	.....	(3)	.....	(3)	(3)	.....	.....	.....
Unilateral transfers, net	.....	.....	.....	.....	.....	.....	.....	.....
Unilateral transfers, gross	.....	478	–478	369	369	.....	369	–109
Current account, northbound	**172,286**	**176,282**	**–3,996**	**175,381**	**175,286**	**95**	**3,094**	**–996**

1. In the Canadian-published accounts, transactions of U.S. military agencies are not shown separately.
2. Royalties and license fees are included in other services for reconciliation.
3. Income on U.S. Government assets is included in income on other private assets in the Canadian-published accounts.

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

[Millions of U.S. dollars]

	Published estimates			Reconciled estimates			Adjustments to published estimates	
	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Remaining difference	Canada	United States
1995								
Goods and services	163,640	159,846	3,145	165,439	165,439	–29	1,800	5,594
Goods	149,973	147,110	2,863	152,338	152,338	.....	2,365	5,228
Services	13,667	12,736	931	13,101	13,101	.....	–566	366
Direct defense expenditures	(1)	54	–54	34	34	.....	34	–20
Travel	4,395	4,319	76	4,395	4,395	.....	.....	77
Passenger fares	303	306	–3	303	303	.....	.....	–3
Other transportation	2,435	3,357	–922	2,975	2,975	.....	540	–382
Royalties and license fees	177	139	38	(2)	(2)	.....	–177	–139
Other services	6,357	4,561	1,796	5,394	5,394	.....	–963	833
Investment income	9,862	10,511	–649	9,368	9,397	–29	–494	–1,114
Direct investment	2,946	3,911	–965	3,454	3,454	.....	508	–457
Other private assets/liabilities	5,850	4,202	1,648	3,849	3,878	–29	–2,001	–324
U.S. Government liabilities	1,066	2,398	–1,332	2,065	2,065	.....	999	–333
Unilateral transfers, net	.....	372	.....	.....	.....	.....	.....	–372
Unilateral transfers, gross	1,528	.....	1,528	685	685	.....	–843	685
Current account, southbound	**175,029**	**170,729**	**4,301**	**175,494**	**175,522**	**–29**	**465**	**4,793**
1996								
Goods and services	177,581	172,608	4,783	179,037	179,037	.....	1,457	6,431
Goods	162,698	158,639	4,059	164,380	164,380	.....	1,682	5,741
Services	14,883	13,969	914	14,657	14,657	.....	–226	688
Direct defense expenditures	(1)	47	–47	26	26	.....	26	–21
Travel	4,771	4,606	165	4,771	4,771	.....	.....	165
Passenger fares	392	391	1	392	392	.....	.....	1
Other transportation	2,715	3,608	–893	3,271	3,271	.....	557	–337
Royalties and license fees	189	192	–3	(2)	(2)	.....	–189	–192
Other services	6,816	5,125	1,691	6,197	6,197	.....	–619	1,072
Investment income	9,678	10,007	–329	9,175	9,147	28	–504	–860
Direct investment	3,095	3,285	–190	3,033	3,033	.....	–62	–252
Other private assets/liabilities	5,507	4,429	1,078	4,153	4,125	28	–1,354	–304
U.S. Government liabilities	1,076	2,293	–1,217	1,989	1,989	.....	913	–304
Unilateral transfers, net	.....	338	.....	.....	.....	.....	.....	–338
Unilateral transfers, gross	1,844	.....	1,844	657	657	.....	–1,187	657
Current account, southbound	**189,103**	**182,952**	**6,150**	**188,870**	**188,841**	**28**	**–233**	**5,888**

1. In the Canadian-published accounts, transactions of U.S. military agencies are not shown separately.
2. Royalties and license fees are included in other services for reconciliation.

Table 4.1.—Trade in Goods, Northbound

[Millions of U.S. dollars]

	U.S. receipts	Canadian payments	Type of adjustment
1995			
Balance of payments basis, published	**127,585**	**126,567**	
Reconciliation adjustments:			
Inland freight	.....	1,551	Statistical
Repair of equipment	209	.....	Reclassification
Other balance of payments adjustments	7	–140	Definitional and statistical
Statistical adjustments	–8	–185	Statistical
Reconciled	**127,793**	**127,793**	
1996			
Balance of payments basis, published	**134,609**	**133,392**	
Reconciliation adjustments:			
Inland freight	.....	1,338	Statistical
Repair of equipment	186	.....	Reclassification
Other balance of payments adjustments	5	–220	Definitional and statistical
Statistical adjustments	.....	290	Statistical
Reconciled	**134,800**	**134,800**	

Table 4.2.—Trade in Goods, Southbound

[Millions of U.S. dollars]

	Canadian receipts	U.S. payments	Type of adjustment
1995			
Balance of payments basis, published	**149,973**	**147,110**	
Reconciliation adjustments:			
Canadian reexports	.....	3,940	Definitional
Inland freight	957	1,300	Statistical
Other balance of payments adjustments	2,273	–12	Definitional and reclassification
Statistical adjustments	–865	.....	Statistical
Reconciled	**152,338**	**152,338**	
1996			
Balance of payments basis, published	**162,698**	**158,639**	
Reconciliation adjustments:			
Canadian reexports	.....	4,312	Definitional
Inland freight	978	1,344	Statistical
Other balance of payments adjustments	513	85	Definitional and reclassification
Statistical adjustments	191	.....	Statistical
Reconciled	**164,380**	**164,380**	

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

[Millions of U.S. dollars]

	Published estimates			Reconciled estimates			Adjustments to published estimates		
	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	Remaining difference	United States	Canada	Type of adjustment
1995									
Travel	**6,207**	**6,597**	**–390**	**6,675**	**6,675**	.....	**468**	**78**	
Business and personal	6,207	6,148	59	6,148	6,148	.....	–59	.....	Statistical
Education	.....	388	–388	403	403	.....	403	15	Reclassification and statistical
Medical	.....	61	–61	124	124	.....	124	63	Reclassification and statistical
Passenger fares	**1,284**	**1,099**	**185**	**1,099**	**1,099**	.....	**–185**	.....	Statistical
Other transportation	**2,688**	**2,289**	**399**	**2,681**	**2,655**	**26**	**–7**	**366**	
Freight	2,054	1,936	118	2,123	2,096	27	69	160	
Ocean	60	220	–160	128	128	.....	68	–92	Statistical
Air	55	28	27	55	28	27	.....	.....	
Land	1,579	1,266	313	1,548	1,548	.....	–31	282	Reclassification and statistical
Other	360	422	–62	392	392	.....	32	–30	Statistical
Port services	470	336	134	345	345	.....	–125	9	
Vessel operators	30	41	–11	41	41	.....	11	.....	Statistical
Airline operators	291	292	–1	291	291	.....	.....	–1	Statistical
Other	149	3	146	13	13	.....	–136	10	Statistical
Other	164	17	147	213	214	–1	49	197	Reclassification and statistical
1996									
Travel	**6,763**	**7,239**	**–476**	**7,331**	**7,331**	.....	**568**	**92**	
Business and personal	6,763	6,776	–13	6,776	6,776	.....	13	.....	Statistical
Education	.....	402	–402	426	426	.....	426	24	Reclassification and statistical
Medical	.....	61	–61	129	129	.....	129	68	Reclassification and statistical
Passenger fares	**1,331**	**1,118**	**213**	**1,118**	**1,118**	.....	**–213**	.....	Statistical
Other transportation	**2,889**	**2,445**	**444**	**2,894**	**2,870**	**24**	**5**	**425**	
Freight	2,137	2,075	62	2,239	2,214	25	102	139	
Ocean	32	224	–192	114	114	.....	82	–110	Statistical
Air	57	32	25	57	32	25	.....	.....	
Land	1,695	1,395	300	1,678	1,678	.....	–17	283	Reclassification and statistical
Other	353	424	–71	390	390	.....	37	–34	Statistical
Port services	583	351	232	430	430	.....	–153	79	
Vessel operators	61	42	19	42	42	.....	–19	.....	Statistical
Airline operators	363	306	57	363	363	.....	.....	57	Statistical
Other	159	3	156	25	25	.....	–134	22	Statistical
Other	169	19	150	225	226	–1	56	207	Reclassification and statistical

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

[Millions of U.S. dollars]

	Published estimates			Reconciled estimates			Adjustments to published estimates		
	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Remaining difference	Canada	United States	Type of adjustment
1995									
Travel	**4,396**	**4,319**	**77**	**4,396**	**4,396**	.....	.....	**77**	
Business and personal	4,283	4,319	–36	4,283	4,283	.....	.....	–36	Statistical
Education	71	.....	71	71	71	.....	.....	71	Reclassification and statistical
Medical	42	.....	42	42	42	.....	.....	42	Reclassification and statistical
Passenger fares	**303**	**306**	**–3**	**303**	**303**	.....	.....	**–3**	Statistical
Other transportation	**2,435**	**3,357**	**–922**	**2,975**	**2,975**	.....	**540**	**–382**	
Freight	2,052	2,654	–602	2,446	2,446	.....	394	–208	
Ocean	213	87	126	87	87	.....	–126	.....	Statistical
Air	56	54	2	54	54	.....	–2	.....	Reclassification and statistical
Land	1,695	2,409	–714	2,217	2,217	.....	522	–192	Reclassification and statistical
Other	88	104	–16	88	88	.....	.....	–16	Statistical
Port services	275	545	–270	386	386	.....	111	–159	
Vessel operators	6	197	–191	98	98	.....	92	–99	Statistical
Airline operators	228	271	–43	228	228	.....	.....	–43	Statistical
Other	41	77	–36	60	60	.....	19	–17	Statistical
Other	108	158	–50	143	143	.....	35	–15	Definitional, reclassification, and statistical
1996									
Travel	**4,771**	**4,606**	**165**	**4,771**	**4,771**	.....	.....	**165**	
Business and personal	4,653	4,606	47	4,653	4,653	.....	.....	47	Statistical
Education	75	.....	75	75	75	.....	.....	75	Reclassification and statistical
Medical	43	.....	43	43	43	.....	.....	43	Reclassification and statistical
Passenger fares	**392**	**391**	**1**	**392**	**392**	.....	.....	**1**	Reclassification and statistical
Other transportation	**2,716**	**3,608**	**–892**	**3,273**	**3,273**	.....	**557**	**–335**	
Freight	2,290	2,921	–631	2,729	2,729	.....	439	–192	
Ocean	222	112	110	112	112	.....	–110	.....	Statistical
Air	62	60	2	60	60	.....	–2	.....	Statistical
Land	1,907	2,657	–750	2,458	2,458	.....	551	–199	Reclassification and statistical
Other	99	92	7	99	99	.....	.....	7	Statistical
Port services	327	541	–214	403	403	.....	76	–138	
Vessel operators	8	131	–123	65	65	.....	57	–66	Statistical
Airline operators	271	328	–57	271	271	.....	.....	–57	Statistical
Other	48	82	–34	67	67	.....	19	–15	Statistical
Other	99	146	–47	141	141	.....	42	–5	Definitional, reclassification, and statistical

Table 6.1.—Other Services, Northbound

[Millions of U.S. dollars]

	Published estimates			Reconciled estimates			Adjustments to published estimates		
	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	Remaining difference	United States	Canada	Type of adjustment
1995									
Total	**8,122**	**9,478**	**–1,356**	**7,960**	**7,920**	**40**	**–161**	**–1,558**	
Private:									
Affiliated	4,489	5,560	–1,071	4,337	4,337	.....	–152	–1,223	Definitional and statistical
Royalties and license fees	1,061	1,314	–253	(1)	(1)	(1)	(1)	(1)	
Other services	3,428	4,246	–818	(1)	(1)	(1)	(1)	(1)	
Unaffiliated	3,459	3,722	–263	3,412	3,372	40	–47	–350	
Royalties, license fees, and selected services	491	473	18	464	464	.....	–27	–9	Statistical
Insurance	388	262	126	390	390	.....	2	128	Statistical
Financial services	580	468	112	580	580	.....	.....	112	Statistical
Education	424	4	420	21	21	.....	–403	17	Reclassification and statistical
Communications	275	655	–380	404	404	.....	129	–251	Statistical
Business services	970	935	35	870	830	40	–100	–105	Reclassification and statistical
Sports and entertainment	169	543	–374	521	521	.....	352	–22	Reclassification and statistical
Commuters' wages	58	58	.....	58	58	.....	.....	.....	Statistical
Trade union transactions	104	104	.....	104	104	.....	.....	.....	Statistical
Other	.....	220	–220	.....	.....	.....	.....	–220	
Commissions	.....	23	–23	.....	.....	.....	.....	–23	Definitional
Railway port services	.....	164	–164	.....	.....	.....	.....	–164	Reclassification
Aircraft leasing	.....	33	–33	.....	.....	.....	.....	–33	Reclassification
Government:									
United States	53	37	16	53	53	.....	.....	16	Statistical
Canada	121	159	–38	159	159	.....	38	.....	Statistical
1996									
Total	**9,033**	**10,061**	**–1,029**	**8,884**	**8,813**	**71**	**–147**	**–1,248**	
Private:									
Affiliated	5,154	5,911	–757	5,003	5,003	.....	–151	–908	Definitional and statistical
Royalties and license fees	1,242	1,396	–154	(1)	(1)	(1)	(1)	(1)	
Other services	3,912	4,515	–603	(1)	(1)	(1)	(1)	(1)	
Unaffiliated	3,700	3,959	–259	3,665	3,594	71	–35	–365	
Royalties, license fees, and selected services	562	503	59	513	513	.....	–49	10	Statistical
Insurance	347	276	71	386	386	.....	39	110	Statistical
Financial services	629	499	130	629	629	.....	.....	130	Statistical
Education	441	4	437	15	15	.....	–426	11	Reclassification and statistical
Communications	297	696	–399	429	429	.....	132	–267	Statistical
Business services	1,068	1,001	67	963	892	71	–105	–109	Reclassification and statistical
Sports and entertainment	185	577	–392	559	559	.....	374	–18	Reclassification and statistical
Commuters' wages	62	62	.....	62	62	.....	.....	.....	Statistical
Trade union transactions	109	109	.....	109	109	.....	.....	.....	Statistical
Other	.....	232	–232	.....	.....	.....	.....	–232	
Commissions	.....	24	–24	.....	.....	.....	.....	–24	Definitional
Railway port services	.....	174	–174	.....	.....	.....	.....	–174	Reclassification
Aircraft leasing	.....	34	–34	.....	.....	.....	.....	–34	Reclassification
Government:									
United States	63	39	24	63	63	.....	.....	24	Statistical
Canada	116	153	–37	153	153	.....	.....	.....	Statistical

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

Table 6.2.—Other Services, Southbound

[Millions of U.S. dollars]

	Published estimates			Reconciled estimates			Adjustments to published estimates		
	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Remaining difference	Canada	United States	Type of adjustment
1995									
Total	**6,534**	**4,700**	**1,831**	**5,394**	**5,394**	...	**–1,140**	**693**	
Private:									
Affiliated	2,858	2,024	834	2,024	2,024	...	–834	...	Definitional and statistical
Royalties and license fees	147	105	42	(1)	(1)	...	(1)	(1)	
Other services	2,711	1,919	792	(1)	(1)	...	(1)	(1)	
Unaffiliated	3,490	2,536	954	3,217	3,217	...	–273	681	
Royalties, license fees, and selected services	525	254	271	524	524	...	–1	270	Statistical
Insurance	374	605	–231	472	472	...	98	–133	Statistical
Financial services	300	190	110	190	190	...	–110	...	Statistical
Education	...	9	–9	...	...	...	...	–9	Statistical
Communications	729	677	52	677	677	...	–52	...	Statistical
Business services	714	435	279	713	713	...	–1	278	Reclassification and statistical
Sports and entertainment	372	87	285	371	371	...	–1	284	Statistical
Commuters' wages	152	152	...	152	152	...	...	...	
Trade union transactions	118	127	–9	118	118	...	...	–9	
Other	206	...	206	...	...	...	–206	...	
Commissions	45	...	45	...	...	...	–45	...	Definitional
Railway port services	91	...	91	...	...	...	–91	...	Reclassification
Aircraft leasing	36	...	36	...	...	...	–36	...	Reclassification
U.S. defense expenditures	34	...	34	...	...	...	–34	...	Reclassification
Government:									
Canada	12	...	12	12	12	...	...	12	Statistical
United States	171	140	31	140	140	...	–31	...	Statistical
1996									
Total	**7,005**	**5,317**	**1,688**	**6,197**	**6,197**	...	**–807**	**881**	
Private:									
Affiliated	3,052	2,726	326	2,726	2,726	...	–326	...	Definitional and statistical
Royalties and license fees	157	122	35	(1)	(1)	...	(1)	(1)	
Other services	2,895	2,604	291	(1)	(1)	...	(1)	(1)	
Unaffiliated	3,759	2,490	1,269	3,358	3,358	...	–401	868	
Royalties, license fees, and selected services	560	325	235	559	559	...	–1	234	Statistical
Insurance	447	473	–26	478	478	...	31	5	Statistical
Financial services	320	195	125	195	195	...	–125	...	Statistical
Education	...	10	–10	...	...	...	...	–10	Statistical
Communications	778	689	89	689	689	...	–89	...	Statistical
Business services	765	442	323	755	755	...	–10	313	Reclassification and statistical
Sports and entertainment	397	61	336	395	395	...	–2	334	Statistical
Commuters' wages	162	161	1	162	162	...	...	1	
Trade union transactions	125	134	–9	125	125	...	...	–9	
Other	205	...	205	...	...	...	–205	...	
Commissions	48	...	48	...	...	...	–48	...	Definitional
Railway port services	97	...	97	...	...	...	–97	...	Reclassification
Aircraft leasing	28	...	28	...	...	...	–28	...	Reclassification
U.S. defense expenditures	32	...	32	...	...	...	–32	...	Reclassification
Government:									
Canada	13	...	13	13	13	...	...	13	Statistical
United States	181	101	80	101	101	...	–80	...	Statistical

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

Table 7.1.—Direct Investment Income, Northbound

[Millions of U.S. dollars]

	Published estimates			Reconciled estimates			Adjustments to published estimates		
	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	Remaining difference	United States	Canada	Type of adjustment
1995									
Direct investment income	**8,812**	**7,693**	**1,120**	**8,117**	**8,117**	.....	**–695**	**425**	
Earnings of incorporated affiliates	7,938	6,611	1,327	7,242	7,242	.....	–696	631	
Dividends	1,452	1,889	–437	1,652	1,652	.....	200	–237	Definitional, reclassification, and statistical
Reinvested earnings	6,486	4,722	1,764	5,590	5,590	.....	–896	868	Statistical
Earnings of unincorporated affiliates	425	317	108	425	425	.....	.....	108	Definitional, reclassification, and statistical
Net interest	449	764	–315	450	450	.....	1	–314	Reclassification, net to gross, and statistical
1996									
Direct investment income	**8,642**	**6,690**	**1,952**	**7,870**	**7,870**	.....	**–772**	**1,180**	
Earnings of incorporated affiliates	7,800	5,700	2,100	6,825	6,825	.....	–975	1,125	
Dividends	1,957	2,805	–848	2,478	2,478	.....	521	–327	Definitional, reclassification, and statistical
Reinvested earnings	5,843	2,895	2,948	4,347	4,347	.....	–1,496	1,452	Statistical
Earnings of unincorporated affiliates	491	245	246	490	490	.....	–1	245	Definitional, reclassification, and statistical
Net interest	351	745	–394	555	555	.....	204	–190	Reclassification, net to gross, and statistical

Table 7.2.—Direct Investment Income, Southbound

[Millions of U.S. dollars]

	Published estimates			Reconciled estimates			Adjustments to published estimates		
	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Remaining difference	Canada	United States	Type of adjustment
1995									
Direct investment income	**2,946**	**3,911**	**–966**	**3,454**	**3,454**	.....	**509**	**–457**	
Earnings of incorporated affiliates	2,052	3,107	–1,055	2,641	2,641	.....	589	–466	
Dividends	507	427	80	427	427	.....	–80	.....	Statistical
Reinvested earnings	1,545	2,680	–1,135	2,214	2,214	.....	669	–466	Statistical
Earnings of unincorporated affiliates	632	463	169	472	472	.....	–160	9	Definitional and statistical
Net interest	261	341	–80	341	341	.....	80	.....	Gross to net and statistical
1996									
Direct investment income	**3,095**	**3,285**	**–190**	**3,033**	**3,033**	.....	**–62**	**–252**	
Earnings of incorporated affiliates	1,874	2,597	–723	2,281	2,281	.....	407	–316	
Dividends	422	285	137	285	285	.....	–137	.....	Statistical
Reinvested earnings	1,452	2,312	–860	1,996	1,996	.....	544	–316	Statistical
Earnings of unincorporated affiliates	974	578	396	642	642	.....	–332	64	Definitional and statistical
Net interest	247	110	137	110	110	.....	–137	.....	Gross to net and statistical

Table 8.1.—Other Investment Income, Northbound

[Millions of U.S. dollars]

	Published estimates			Reconciled estimates			Adjustments to published estimates		
	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	Remaining difference	United States	Canada	Type of adjustment
1995									
Other investment income	**9,087**	**14,473**	**–5,388**	**11,862**	**11,862**	.....	**2,775**	**–2,613**	
Securities	5,853	9,073	–3,220	8,614	8,614	.....	2,761	–459	
Dividends	936	762	174	936	936	.....	.....	174	Definitional, reclassification, and statistical
Interest on bonds	4,917	8,311	–3,394	7,678	7,678	.....	2,761	–633	Definitional and statistical
U.S. claims/Canadian liabilities	3,234	5,402	–2,168	3,248	3,248	.....	14	–2,154	
U.S. bank claims	2,465	2,981	–516	1,156	1,156	.....	–1,309	–1,825	Net to gross, gross to net, and statistical
Other private U.S. claims	769	2,421	–1,652	2,092	2,092	.....	1,323	–329	Net to gross and statistical
1996									
Other investment income	**8,855**	**14,861**	**–6,006**	**11,949**	**11,949**	.....	**3,094**	**–2,912**	
Securities	5,940	9,871	–3,931	9,268	9,268	.....	3,328	–603	
Dividends	1,048	805	243	1,048	1,048	.....	.....	243	Definitional, reclassification, and statistical
Interest on bonds	4,892	9,066	–4,174	8,220	8,220	.....	3,328	–846	Definitional and statistical
U.S. claims/Canadian liabilities	2,915	4,990	–2,075	2,681	2,681	.....	–235	–2,310	
U.S. bank claims	2,270	2,642	–372	977	977	.....	–1,293	–1,665	Net to gross, gross to net, and statistical
Other private U.S. claims	645	2,348	–1,703	1,704	1,704	.....	1,058	–645	Net to gross and statistical

Table 8.2.—Other Investment Income, Southbound

[Millions of U.S. dollars]

	Published estimates			Reconciled estimates			Adjustments to published estimates		
	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Remaining difference	Canada	United States	Type of adjustment
1995									
Other investment income	**6,916**	**6,600**	**315**	**5,914**	**5,943**	**–28**	**–1,001**	**–657**	
Securities	2,113	2,675	–562	2,586	2,586	.....	473	–89	
Dividends	1,360	1,588	–228	1,588	1,588	.....	228	.....	Definitional and statistical
Interest on bonds	753	1,087	–334	998	998	.....	245	–89	Definitional and statistical
Canadian claims/U.S. liabilities	3,736	1,527	2,209	1,264	1,292	–28	–2,472	–235	
Canadian bank claims	3,662	1,406	2,256	1,200	1,228	–28	–2,462	–178	Net to gross, gross to net, and statistical
Other Canadian claims	74	121	–47	64	64	.....	–10	–57	Net to gross and statistical
U.S. Government liabilities	1,066	2,398	–1,332	2,065	2,065	.....	999	–333	Statistical
1996									
Other investment income	**6,583**	**6,722**	**–138**	**6,142**	**6,114**	**28**	**–442**	**–608**	
Securities	1,949	2,944	–995	2,808	2,808	.....	859	–136	
Dividends	1,225	1,692	–467	1,692	1,692	.....	467	.....	Definitional and statistical
Interest on bonds	724	1,252	–528	1,116	1,116	.....	392	–136	Definitional and statistical
Canadian claims/U.S. liabilities	3,559	1,485	2,074	1,345	1,317	28	–2,214	–168	
Canadian bank claims	3,472	1,383	2,089	1,280	1,252	28	–2,192	–131	Net to gross, gross to net, and statistical
Other Canadian claims	87	102	–15	65	65	.....	–22	–37	Net to gross and statistical
U.S. Government liabilities	1,076	2,293	–1,217	1,989	1,989	.....	913	–304	Statistical

Personal Income by State and Region, Second Quarter 1997

By Duke Tran

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

PERSONAL INCOME in the Nation increased 1.2 percent in the second quarter of 1997 after increasing 1.9 percent in the first quarter; it had increased 1.2 percent in both the third and fourth quarters of 1996.[1]

The slower growth in personal income in the second quarter of 1997 was accounted for by slower growth in net earnings, in dividends, interest, and rent, and in transfer payments. In the first quarter, transfer payments had been boosted by cost-of-living adjustments to the benefits under social security and several other Federal retirement and income support programs.

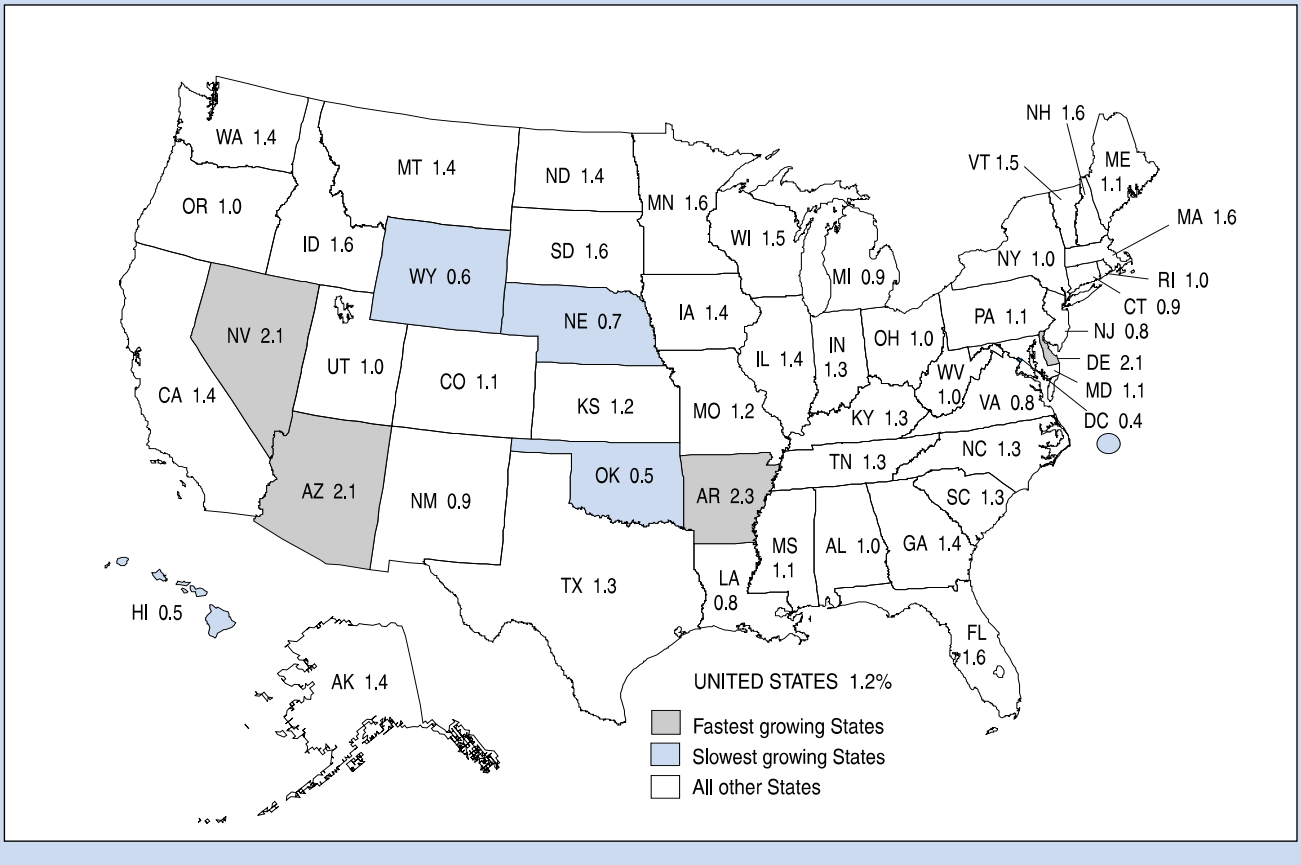
In all 50 States, personal income increased more than the 0.2-percent increase in prices paid by U.S. consumers (as measured by the price index for personal consumption expenditures).

1. The estimate of personal income for the Nation is derived as the sum of the State estimates; it differs from the estimate of personal income in the national income and product accounts (NIPA's) because, by definition, State personal income omits the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms. This estimate can also differ from the NIPA estimate because of different data sources and revision schedules.

In this article, the percent changes are at quarterly—not at annual—rates.

CHART 1

Personal Income: Percent Change, 1997:I -1997:II



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

Table 1 at the end of this article presents the quarterly estimates of personal income for each State and region, beginning with the first quarter of 1994. Table 2 presents the quarterly estimates of personal income by major source and of earnings by Standard Industrial Classification division, beginning with the first quarter of 1996.

The quarterly estimates of State personal income have been revised back to 1969 to incorporate the results of the comprehensive revision of the annual State estimates that was presented in the October 1997 SURVEY OF CURRENT BUSINESS.[2] The comprehensive revision of the State-level estimates for 1958–96 is now complete; the revised annual estimates of State personal income for 1929–57 will be released early in 1998.

Fastest growing States

Arkansas, Arizona, Nevada, and Delaware had the fastest growth in personal income in the second quarter (table A and chart 1).

2. See Wallace K. Bailey, "State Personal Income, Revised Estimates for 1958–96," SURVEY 77 (October 1997): 24–43.

Table A.—Personal Income for Selected States and the United States, 1997:I-1997:II

[Percent change]

Rank		Personal income	Net earnings by place of residence [1]	Dividends, interest, and rent	Transfer payments
	Fastest growing States:				
1	Arkansas	2.3	3.0	1.3	0.9
2	Arizona	2.1	2.6	1.6	1.0
3	Nevada	2.1	2.3	1.9	1.5
4	Delaware	2.1	2.6	1.1	1.0
	United States	**1.2**	**1.3**	**1.2**	**.9**
	Slowest growing States:				
47	Nebraska	.7	.7	.5	.8
48	Wyoming	.6	.2	1.3	1.0
49	Oklahoma	.5	.2	1.1	.9
50	Hawaii	.5	.2	1.1	1.0

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

In all four States, earnings grew rapidly in finance, insurance, and real estate. In all the States except Delaware, earnings grew rapidly in construction, wholesale trade, and farming (table B).

In Arkansas, the rapid growth in farm earnings reflected large increases in cash receipts from crops. Earnings also grew rapidly in durable goods manufacturing.

In Arizona, earnings grew rapidly in durable goods manufacturing, services, and mining.

In Nevada, earnings grew rapidly in transportation and public utilities and in government.

In Delaware, earnings grew rapidly in durable goods manufacturing and nondurable goods manufacturing, reflecting the overtime wages earned by workers in these industries.

Data Availability

The complete sets of the revised quarterly and annual State estimates are available on BEA's Web site: Go to <http://www.bea.doc.gov> and select "Data" under "Regional." In addition, the entire set of the quarterly estimates is available on a single diskette—product number RDN–0173—for $20.00. The entire set of the annual estimates is available on the CD-ROM "State Personal Income, 1958–96"—product number RCN–0128—for $35.00; the CD-ROM also includes the estimates of gross state product for 1977–94.

For more information about these products, call BEA's Regional Economic Information System at (202) 606–5360, or fax (202) 606–5322. To order using Visa or MasterCard, call the BEA Order Desk at 1–800–704–0415 (from outside the United States, call (202) 606–9666). To order by mail, send a check payable to "Bureau of Economic Analysis, BE–53" to BEA Order Desk, Bureau of Economic Analysis, BE–53, U.S. Department of Commerce, Washington, DC 20230.

Table B.—Earnings by Place of Work for Selected States and the United States, 1997:I-1997:II

[Percent change]

Rank		Total earnings by place of work	Farm	Mining	Construction	Durable goods manufacturing	Nondurable goods manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Government
	Fastest growing States:												
1	Arkansas	2.9	25.3	0.8	2.6	3.4	0.5	1.7	2.6	0.6	3.0	1.1	0.4
2	Arizona	2.6	14.6	2.5	3.3	3.9	1.6	2.0	2.5	.9	3.9	2.2	2.0
3	Nevada	2.3	5.4	1.6	3.3	0	1.7	2.8	2.6	1.7	3.2	2.0	2.5
4	Delaware	2.9	–.4	1.5	2.0	7.1	4.2	2.1	2.0	.8	6.4	1.0	.9
	United States	**1.3**	**7.2**	**1.0**	**1.2**	**1.0**	**.6**	**1.1**	**1.5**	**.8**	**2.2**	**1.7**	**.6**
	Slowest growing States:												
47	Nebraska	.7	3.9	–2.3	–10.8	2.7	2.3	2.4	.1	–.6	3.9	1.3	0
48	Wyoming	.1	3.1	1.4	–3.1	–2.0	.5	–1.2	.5	.1	–.4	.8	.4
49	Oklahoma	.1	5.5	2.1	–.1	–7.1	3.0	–3.0	1.6	.1	3.2	1.4	.9
50	Hawaii	.1	1.2	1.6	–3.7	–5.2	–5.9	1.1	1.3	–.2	1.5	.8	.4

Slowest growing States

Hawaii, Oklahoma, Wyoming, and Nebraska had the slowest growth in personal income in the second quarter. In all four States, earnings declined in construction and either declined or grew slowly in retail trade. In all the States except Nebraska, earnings declined in durable goods manufacturing.

In Hawaii, earnings declined in nondurable goods manufacturing and grew slowly in government.

In Oklahoma, the decline in earnings in durable goods manufacturing reflected the effects of a strike in the motor vehicle industry in the second quarter. Earnings also declined in transportation and public utilities, reflecting a stepdown in bonus payments from a high level in the first quarter.

In Wyoming, the decline in earnings in construction reflected the completion of a pipeline construction project in the second quarter. Earnings also declined in finance, insurance, and real estate, mainly reflecting a stepdown in bonus payments from a high level in the first quarter. Earnings declined in transportation and public utilities and grew slowly in nondurable goods manufacturing, wholesale trade, and government.

In Nebraska, earnings were unchanged in government, declined in mining, and grew slowly in wholesale trade. In addition, dividends, interest, and rent grew slowly.

Tables 1 and 2 follow.

Table 1.—Personal Income by State and Region

[Millions of dollars, seasonally adjusted at annual rates]

Area name	1994				1995				1996				1997		Percent change [2]	
	I r	II r	III r	IV r	I r	II r	III r	IV r	I r	II r	III r	IV r	I r	II p	1996:IV-1997:I	1997:I-1997:II
United States [1]	**5,598,954**	**5,748,844**	**5,821,047**	**5,930,379**	**6,040,235**	**6,102,138**	**6,166,454**	**6,242,674**	**6,344,946**	**6,446,004**	**6,526,017**	**6,602,689**	**6,730,234**	**6,813,131**	**1.9**	**1.2**
New England	**335,475**	**343,878**	**347,323**	**355,046**	**361,426**	**366,632**	**370,349**	**375,186**	**379,607**	**385,048**	**388,521**	**394,993**	**403,147**	**408,517**	**2.1**	**1.3**
Connecticut	97,530	98,905	100,245	102,134	104,157	105,263	106,209	107,485	109,083	110,491	111,178	112,912	116,025	117,084	2.8	.9
Maine	23,369	23,792	23,966	24,332	24,630	24,975	24,979	25,282	25,590	25,984	26,251	26,669	27,066	27,373	1.5	1.1
Massachusetts	154,679	159,849	161,169	165,293	168,247	170,826	173,256	175,702	177,592	180,415	182,334	185,678	189,315	192,335	2.0	1.6
New Hampshire	26,545	27,408	27,764	28,412	28,839	29,559	29,592	30,050	30,336	30,727	31,109	31,584	31,986	32,509	1.3	1.6
Rhode Island	21,907	22,237	22,341	22,699	23,121	23,507	23,684	23,853	23,971	24,270	24,341	24,743	25,111	25,371	1.5	1.0
Vermont	11,444	11,687	11,838	12,177	12,433	12,502	12,630	12,815	13,034	13,160	13,307	13,407	13,644	13,845	1.8	1.5
Mideast	**1,097,321**	**1,136,708**	**1,147,591**	**1,170,927**	**1,186,541**	**1,194,849**	**1,203,961**	**1,216,140**	**1,237,524**	**1,251,871**	**1,264,426**	**1,280,913**	**1,304,164**	**1,317,041**	**1.8**	**1.0**
Delaware	16,973	17,398	17,634	18,063	18,424	18,573	18,823	19,208	19,552	19,842	20,252	20,735	20,809	21,240	.4	2.1
District of Columbia	17,543	17,855	17,891	17,889	17,979	17,999	18,011	18,097	18,444	18,299	18,629	18,787	19,011	19,086	1.2	.4
Maryland	123,776	126,304	128,124	129,853	132,435	133,396	134,073	135,171	137,621	139,245	140,748	142,657	145,502	147,033	2.0	1.1
New Jersey	217,719	225,102	227,909	232,014	235,873	238,211	239,921	242,202	245,984	249,308	251,460	254,430	259,310	261,436	1.9	.8
New York	457,466	480,298	482,982	495,876	500,818	502,971	507,122	512,336	522,825	527,239	532,396	540,159	550,884	556,314	2.0	1.0
Pennsylvania	263,844	269,750	273,050	277,233	281,013	283,700	286,012	289,126	293,099	297,938	300,941	304,145	308,649	311,931	1.5	1.1
Great Lakes	**938,607**	**956,555**	**971,897**	**989,413**	**1,011,205**	**1,016,414**	**1,025,335**	**1,037,991**	**1,050,678**	**1,067,473**	**1,080,212**	**1,088,807**	**1,107,534**	**1,120,394**	**1.7**	**1.2**
Illinois	275,095	282,975	287,659	291,548	297,953	299,874	302,507	306,538	311,898	316,298	320,221	323,827	329,850	334,400	1.9	1.4
Indiana	116,775	118,451	120,811	122,623	125,000	125,260	125,840	127,120	128,813	131,434	133,113	134,643	136,275	137,988	1.2	1.3
Michigan	211,206	212,657	216,162	221,040	228,072	227,381	229,862	232,862	235,014	238,849	241,129	242,326	246,708	248,911	1.8	.9
Ohio	231,322	235,603	238,369	243,179	247,297	249,836	252,041	254,992	257,084	261,194	264,418	265,610	270,413	272,994	1.8	1.0
Wisconsin	104,209	106,869	108,896	111,023	112,884	114,063	115,086	116,480	117,869	119,697	121,331	122,402	124,288	126,100	1.5	1.5
Plains	**372,663**	**380,632**	**385,503**	**391,990**	**396,928**	**401,414**	**405,940**	**411,894**	**422,854**	**430,289**	**436,027**	**440,502**	**446,979**	**452,802**	**1.5**	**1.3**
Iowa	55,949	56,583	56,868	57,747	58,230	58,654	59,339	60,349	62,444	63,330	64,071	64,608	65,628	66,542	1.6	1.4
Kansas	51,723	52,825	53,404	54,400	55,452	55,957	56,483	56,978	58,546	59,253	59,992	60,546	61,481	62,199	1.5	1.2
Minnesota	100,999	104,141	106,131	107,638	108,996	110,264	111,360	113,501	116,196	118,885	120,959	122,079	122,606	124,582	.4	1.6
Missouri	106,101	108,917	110,681	112,753	114,669	116,225	117,492	118,622	121,011	122,784	124,035	125,633	128,420	129,909	2.2	1.2
Nebraska	32,857	33,054	33,232	33,731	34,259	34,631	35,324	36,008	36,963	37,686	38,117	38,681	39,561	39,840	2.3	.7
North Dakota	11,535	11,568	11,641	11,900	11,619	11,828	11,871	12,141	12,842	13,111	13,347	13,338	13,503	13,695	1.2	1.4
South Dakota	13,499	13,543	13,545	13,821	13,702	13,854	14,072	14,295	14,853	15,239	15,505	15,617	15,780	16,035	1.0	1.6
Southeast	**1,221,821**	**1,248,266**	**1,264,476**	**1,287,334**	**1,315,532**	**1,330,900**	**1,346,689**	**1,366,123**	**1,384,840**	**1,409,188**	**1,427,939**	**1,443,187**	**1,473,278**	**1,492,349**	**2.1**	**1.3**
Alabama	75,273	76,832	77,915	79,356	80,849	81,643	82,531	83,247	84,122	85,655	86,740	87,568	89,017	89,877	1.7	1.0
Arkansas	41,229	41,927	42,262	42,899	44,006	44,711	45,284	46,153	46,329	47,567	48,005	48,436	49,006	50,124	1.2	2.3
Florida	298,446	305,288	308,762	314,135	322,062	325,801	330,072	334,334	342,159	346,800	351,320	355,118	362,659	368,286	2.1	1.6
Georgia	141,048	145,277	147,389	150,700	154,451	156,103	158,784	162,162	164,063	168,023	170,891	172,857	176,972	179,521	2.4	1.4
Kentucky	67,032	68,403	68,991	70,257	71,560	72,417	72,972	74,008	75,075	76,525	77,707	78,235	79,910	80,940	2.1	1.3
Louisiana	76,946	77,453	78,715	79,764	81,220	81,823	82,912	83,053	83,917	85,273	86,111	86,892	88,472	89,159	1.8	.8
Mississippi	41,444	42,230	42,889	43,465	44,325	44,797	45,387	46,079	46,721	47,627	48,188	48,402	49,258	49,795	1.8	1.1
North Carolina	137,881	140,171	142,289	145,363	148,917	151,505	153,258	156,724	158,014	161,859	163,920	166,616	170,636	172,915	2.4	1.3
South Carolina	64,376	65,511	66,563	67,626	69,009	69,827	70,483	71,511	72,080	73,495	74,607	75,377	76,822	77,859	1.9	1.3
Tennessee	100,628	103,053	104,909	107,365	109,635	111,021	112,222	113,817	114,441	116,169	117,626	118,806	121,399	122,963	2.2	1.3
Virginia	147,101	151,219	152,644	154,985	157,790	159,368	160,764	162,642	165,259	167,219	169,444	171,277	175,261	176,702	2.3	.8
West Virginia	30,419	30,901	31,149	31,421	31,708	31,885	32,021	32,392	32,659	32,976	33,381	33,603	33,867	34,209	.8	1.0
Southwest	**522,706**	**537,381**	**546,513**	**559,118**	**568,008**	**576,315**	**584,361**	**592,619**	**603,099**	**613,576**	**623,327**	**630,151**	**645,319**	**653,841**	**2.4**	**1.3**
Arizona	76,413	78,955	81,116	82,990	85,300	86,460	88,345	89,968	92,200	93,851	95,623	96,709	99,120	101,217	2.5	2.1
New Mexico	27,736	28,202	28,791	29,341	30,231	30,580	31,009	31,304	31,823	32,152	32,367	32,526	33,300	33,596	2.4	.9
Oklahoma	57,257	58,478	58,954	60,075	60,341	61,041	61,604	62,385	63,239	64,273	65,003	65,541	66,982	67,304	2.2	.5
Texas	361,301	371,746	377,651	386,712	392,135	398,234	403,402	408,962	415,838	423,301	430,334	435,376	445,917	451,724	2.4	1.3
Rocky Mountain	**157,269**	**162,219**	**164,913**	**168,410**	**172,902**	**174,647**	**177,649**	**180,764**	**183,459**	**187,084**	**190,154**	**192,566**	**196,424**	**198,677**	**2.0**	**1.1**
Colorado	81,218	84,145	85,537	87,670	89,985	90,804	92,494	93,779	95,749	97,514	99,191	100,578	102,492	103,657	1.9	1.1
Idaho	20,032	20,620	21,016	21,258	21,944	22,135	22,446	22,945	23,112	23,581	23,795	23,877	24,354	24,732	2.0	1.6
Montana	14,780	15,030	15,242	15,495	15,891	16,029	16,250	16,456	16,566	16,788	17,017	17,213	17,292	17,533	.5	1.4
Utah	31,943	32,955	33,565	34,220	35,196	35,701	36,388	37,378	37,856	38,848	39,697	40,397	41,505	41,915	2.7	1.0
Wyoming	9,296	9,470	9,554	9,767	9,885	9,977	10,072	10,205	10,177	10,354	10,453	10,501	10,781	10,841	2.7	.6
Far West	**953,091**	**983,205**	**992,832**	**1,008,140**	**1,027,694**	**1,040,967**	**1,052,169**	**1,061,958**	**1,082,884**	**1,101,474**	**1,115,412**	**1,131,570**	**1,153,389**	**1,169,511**	**1.9**	**1.4**
Alaska	13,956	14,050	14,180	14,316	14,500	14,548	14,590	14,615	14,731	14,789	14,826	14,894	15,047	15,257	1.0	1.4
California	698,696	722,544	728,456	738,310	752,421	761,430	768,728	775,160	790,291	803,573	812,716	825,321	839,867	851,850	1.8	1.4
Hawaii	27,941	28,243	28,639	29,054	29,352	29,669	29,633	29,716	29,902	30,067	30,150	30,169	30,549	30,694	1.3	.5
Nevada	32,744	33,978	34,681	35,764	36,893	37,503	38,351	39,055	40,255	41,286	42,207	43,050	44,029	44,950	2.3	2.1
Oregon	61,597	63,084	64,319	65,667	67,167	68,155	69,323	70,580	71,934	73,336	74,683	75,735	77,511	78,279	2.3	1.0
Washington	118,157	121,306	122,556	125,028	127,361	129,663	131,544	132,832	135,771	138,424	140,830	142,401	146,386	148,481	2.8	1.4

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1.The personal income level shown for the United States is derived as the sum of the State estimates. It differs from the national income and product accounts (NIPA) estimate of personal income 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. It can also differ from the NIPA estimate because of different data sources and revision schedules.

2. Percent changes are expressed at quarterly rates and are calculated from seasonally adjusted unrounded data.

NOTE.—The quarterly estimates of State personal income were prepared by Marian B. Sacks, James P. Stehle, Matthew Von Kerczek, and James M. Zavrel under the supervision of Robert L. Brown.

Table 2.—Personal Income by Major Source

[Millions of dollars, seasonally

Line	Item	United States						New England					
		1996				1997		1996				1997	
		I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p
	Income by Place of Residence												
1	Personal income (lines 4-11)	6,344,946	6,446,004	6,526,017	6,602,689	6,730,234	6,813,131	379,607	385,048	388,521	394,993	403,147	408,517
2	Nonfarm personal income	6,302,835	6,400,089	6,476,984	6,553,152	6,680,685	6,760,004	379,017	384,413	387,823	394,302	402,496	407,790
3	Farm income (line 17)	42,111	45,915	49,033	49,537	49,549	53,127	590	635	698	690	651	727
	Derivation of Personal Income												
4	Earnings by place of work (lines 12-16 or 17-34)	4,441,995	4,526,759	4,582,201	4,641,597	4,725,608	4,787,585	259,848	265,007	267,262	273,014	278,439	282,549
5	Less: Personal contributions for social insurance [1]	300,024	304,576	307,752	311,016	317,710	320,837	17,074	17,358	17,476	17,825	18,234	18,448
6	Plus: Adjustment for residence [2]	–3,297	–3,375	–3,424	–3,484	–3,558	–3,618	4,544	4,534	4,615	4,698	4,799	4,850
7	Equals: Net earnings by place of residence	4,138,674	4,218,808	4,271,025	4,327,097	4,404,340	4,463,130	247,318	252,182	254,401	259,887	265,004	268,951
8	Plus: Dividends, interest, and rent [3]	1,153,180	1,162,440	1,182,632	1,194,204	1,218,792	1,233,114	73,450	73,840	74,995	75,646	77,342	78,317
9	Plus: Transfer payments	1,053,092	1,064,756	1,072,360	1,081,388	1,107,102	1,116,887	58,838	59,026	59,125	59,460	60,801	61,249
10	State unemployment insurance benefits	22,444	21,628	20,804	21,092	21,654	21,487	1,684	1,542	1,475	1,524	1,589	1,532
11	Transfers excluding State unemployment insurance benefits	1,030,648	1,043,128	1,051,556	1,060,296	1,085,448	1,095,400	57,155	57,484	57,650	57,936	59,212	59,717
	Earnings by Place of Work												
	Components of earnings:												
12	Wage and salary disbursements	3,532,560	3,604,680	3,656,444	3,710,692	3,785,153	3,835,312	208,564	213,098	215,321	220,510	225,298	228,724
13	Other labor income	404,804	407,696	408,180	408,848	412,075	414,873	23,490	23,668	23,574	23,830	24,061	24,293
14	Proprietors' income [4]	504,631	514,383	517,577	522,057	528,380	537,400	27,794	28,241	28,366	28,674	29,080	29,532
15	Farm proprietors' income	27,275	30,891	33,829	34,149	33,979	37,371	245	289	351	340	297	369
16	Nonfarm proprietors' income	477,356	483,492	483,748	487,908	494,401	500,029	27,548	27,951	28,015	28,333	28,783	29,163
	Earnings by Industry												
17	Farm	42,111	45,915	49,033	49,537	49,549	53,127	590	635	698	690	651	727
18	Nonfarm	4,399,884	4,480,844	4,533,168	4,592,060	4,676,059	4,734,458	259,258	264,372	266,564	272,324	277,788	281,822
19	Private	3,714,828	3,790,720	3,837,480	3,892,964	3,968,186	4,022,270	226,687	231,723	233,660	239,466	244,611	248,420
20	Agricultural services, forestry, fishing, and other [5]	28,848	29,708	30,232	30,292	31,126	32,230	1,485	1,541	1,572	1,596	1,624	1,674
21	Mining	39,004	39,232	38,808	39,132	39,813	40,213	210	216	213	206	209	210
22	Construction	247,524	253,412	257,152	261,072	266,089	269,315	12,481	12,868	13,139	13,391	13,799	14,034
23	Manufacturing	804,184	820,808	826,668	831,912	841,073	847,999	49,632	50,660	50,891	51,500	51,934	52,889
24	Durable goods	491,816	504,208	508,400	510,688	517,283	522,385	33,548	34,316	34,362	34,885	34,958	35,726
25	Nondurable goods	312,368	316,600	318,268	321,224	323,789	325,614	16,083	16,344	16,530	16,615	16,975	17,163
26	Transportation and public utilities	305,672	308,788	311,164	310,284	316,634	320,134	14,066	14,324	14,254	14,392	14,425	14,764
27	Wholesale trade	277,308	282,696	286,588	291,436	296,861	301,327	16,529	16,883	17,060	17,598	17,798	18,086
28	Retail trade	406,096	413,512	416,636	425,168	431,820	435,279	23,281	23,753	24,126	24,655	24,779	24,893
29	Finance, insurance, and real estate	364,064	374,624	378,292	385,524	392,859	401,372	25,952	26,559	26,338	27,214	28,598	28,671
30	Services	1,242,128	1,267,940	1,291,940	1,318,144	1,351,914	1,374,402	83,051	84,919	86,066	88,914	91,446	93,199
31	Government and government enterprises	685,056	690,124	695,688	699,096	707,873	712,188	32,571	32,649	32,904	32,858	33,177	33,402
32	Federal, civilian	132,036	132,356	131,952	132,340	135,607	135,290	5,355	5,359	5,347	5,376	5,491	5,479
33	Military	49,216	48,880	48,752	48,484	49,467	49,153	1,285	1,245	1,249	1,248	1,274	1,267
34	State and local	503,804	508,888	514,984	518,272	522,799	527,745	25,931	26,045	26,308	26,233	26,411	26,656

Line	Item	New Hampshire						Rhode Island					
		1996				1997		1996				1997	
		I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p
	Income by Place of Residence												
1	Personal income (lines 4-11)	30,336	30,727	31,109	31,584	31,986	32,509	23,971	24,270	24,341	24,743	25,111	25,371
2	Nonfarm personal income	30,294	30,682	31,062	31,537	31,939	32,458	23,944	24,241	24,310	24,712	25,079	25,335
3	Farm income (line 17)	42	45	47	47	47	52	27	29	31	31	32	35
	Derivation of Personal Income												
4	Earnings by place of work (lines 12-16 or 17-34)	19,287	19,613	19,921	20,302	20,393	20,776	14,955	15,219	15,217	15,579	15,743	15,930
5	Less: Personal contributions for social insurance [1]	1,339	1,358	1,377	1,403	1,412	1,436	1,181	1,197	1,195	1,222	1,237	1,248
6	Plus: Adjustment for residence [2]	2,400	2,461	2,480	2,542	2,623	2,673	933	958	982	1,002	1,039	1,063
7	Equals: Net earnings by place of residence	20,349	20,716	21,024	21,442	21,604	22,014	14,708	14,981	15,004	15,359	15,545	15,746
8	Plus: Dividends, interest, and rent [3]	5,906	5,955	6,059	6,117	6,258	6,337	4,382	4,402	4,458	4,490	4,568	4,612
9	Plus: Transfer payments	4,081	4,056	4,027	4,026	4,124	4,158	4,882	4,887	4,879	4,894	4,999	5,013
10	State unemployment insurance benefits	39	35	33	35	36	33	191	185	176	177	181	156
11	Transfers excluding State unemployment insurance benefits	4,042	4,021	3,993	3,991	4,087	4,126	4,691	4,702	4,703	4,718	4,817	4,857
	Earnings by Place of Work												
	Components of earnings:												
12	Wage and salary disbursements	15,157	15,458	15,741	16,096	16,180	16,507	12,224	12,460	12,485	12,820	12,960	13,117
13	Other labor income	1,800	1,813	1,825	1,837	1,823	1,850	1,276	1,286	1,271	1,290	1,293	1,301
14	Proprietors' income [4]	2,329	2,343	2,355	2,369	2,390	2,419	1,455	1,472	1,462	1,469	1,490	1,512
15	Farm proprietors' income	16	18	20	21	20	24	17	18	21	20	21	24
16	Nonfarm proprietors' income	2,313	2,324	2,334	2,348	2,370	2,395	1,439	1,454	1,441	1,449	1,469	1,487
	Earnings by Industry												
17	Farm	42	45	47	47	47	52	27	29	31	31	32	35
18	Nonfarm	19,245	19,569	19,874	20,255	20,346	20,725	14,928	15,190	15,186	15,548	15,711	15,895
19	Private	16,974	17,293	17,557	17,955	18,024	18,358	12,499	12,752	12,715	13,072	13,183	13,355
20	Agricultural services, forestry, fishing, and other [5]	109	112	115	117	123	128	103	107	108	107	105	108
21	Mining	19	20	20	21	18	21	8	9	8	8	8	11
22	Construction	1,159	1,138	1,176	1,170	1,196	1,216	687	723	712	727	761	780
23	Manufacturing	4,345	4,512	4,646	4,622	4,536	4,659	2,958	2,983	2,935	3,035	3,128	3,146
24	Durable goods	3,105	3,212	3,348	3,320	3,222	3,335	1,882	1,902	1,885	1,883	1,909	1,907
25	Nondurable goods	1,241	1,299	1,298	1,302	1,313	1,325	1,076	1,081	1,050	1,152	1,218	1,239
26	Transportation and public utilities	1,141	1,149	1,157	1,172	1,175	1,194	758	768	756	757	773	790
27	Wholesale trade	1,307	1,289	1,297	1,410	1,421	1,449	768	776	777	794	805	816
28	Retail trade	2,239	2,278	2,294	2,401	2,423	2,445	1,388	1,391	1,409	1,444	1,459	1,468
29	Finance, insurance, and real estate	1,262	1,296	1,275	1,323	1,368	1,400	1,062	1,093	1,076	1,090	1,115	1,158
30	Services	5,393	5,499	5,578	5,718	5,764	5,845	4,767	4,904	4,934	5,110	5,028	5,078
31	Government and government enterprises	2,270	2,276	2,318	2,299	2,322	2,367	2,429	2,438	2,471	2,476	2,528	2,540
32	Federal, civilian	366	370	369	374	387	392	428	433	441	451	465	465
33	Military	45	43	43	42	44	44	228	215	215	224	237	234
34	State and local	1,860	1,863	1,906	1,884	1,891	1,932	1,772	1,790	1,815	1,802	1,826	1,841

See footnotes at end of table.

and Earnings by Industry, 1996:I–1997:II

adjusted at annual rates]

Connecticut						Maine						Massachusetts						
1996				1997		1996				1997		1996				1997		Line
I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	
109,083	110,491	111,178	112,912	116,025	117,084	25,590	25,984	26,251	26,669	27,066	27,373	177,592	180,415	182,334	185,678	189,315	192,335	1
108,922	110,311	110,977	112,709	115,850	116,879	25,485	25,877	26,139	26,559	26,954	27,257	177,455	180,267	182,171	185,515	189,162	192,162	2
161	181	202	202	175	205	106	107	112	110	112	116	137	149	163	163	152	173	3
73,380	74,715	74,976	76,435	78,807	79,442	16,648	16,937	17,069	17,396	17,581	17,793	126,800	129,643	131,103	134,269	136,753	139,300	4
4,683	4,755	4,765	4,855	5,024	5,040	1,180	1,199	1,207	1,228	1,246	1,258	8,092	8,244	8,323	8,505	8,692	8,834	5
3,880	3,864	3,947	4,018	4,088	4,148	217	222	228	235	234	241	–2,955	–3,045	–3,100	–3,184	–3,268	–3,361	6
72,578	73,824	74,158	75,598	77,872	78,550	15,685	15,960	16,091	16,403	16,569	16,776	115,752	118,354	119,680	122,580	124,794	127,104	7
21,694	21,830	22,179	22,394	22,871	23,137	4,697	4,737	4,814	4,864	4,966	5,019	34,045	34,171	34,694	34,961	35,789	36,281	8
14,812	14,837	14,842	14,919	15,282	15,398	5,209	5,287	5,346	5,403	5,532	5,579	27,794	27,890	27,960	28,137	28,732	28,950	9
468	420	395	402	406	380	123	117	114	116	122	120	809	733	705	743	788	788	10
14,344	14,417	14,447	14,517	14,876	15,017	5,086	5,170	5,232	5,286	5,410	5,459	26,985	27,157	27,255	27,394	27,944	28,162	11
58,354	59,537	59,862	61,239	63,263	63,686	13,133	13,398	13,520	13,803	13,980	14,163	102,856	105,322	106,729	109,502	111,740	113,954	12
6,764	6,799	6,735	6,799	6,945	6,956	1,486	1,496	1,492	1,504	1,509	1,520	11,335	11,448	11,426	11,577	11,663	11,827	13
8,262	8,378	8,379	8,398	8,599	8,800	2,028	2,044	2,058	2,088	2,092	2,109	12,609	12,872	12,947	13,189	13,350	13,519	14
66	86	107	106	78	106	32	34	38	36	37	40	43	55	69	68	56	75	15
8,196	8,292	8,272	8,292	8,521	8,693	1,996	2,010	2,020	2,052	2,055	2,069	12,565	12,817	12,879	13,121	13,294	13,443	16
161	181	202	202	175	205	106	107	112	110	112	116	137	149	163	163	152	173	17
73,219	74,534	74,774	76,233	78,632	79,237	16,542	16,830	16,958	17,285	17,469	17,676	126,663	129,494	130,940	134,106	136,601	139,127	18
64,552	65,833	65,958	67,638	69,903	70,432	13,715	13,984	14,121	14,407	14,579	14,787	111,618	114,468	115,828	118,843	121,318	123,758	19
395	401	407	415	422	438	185	191	195	198	198	204	632	669	684	695	711	729	20
91	93	94	87	89	89	5	5	4	5	5	5	66	69	66	63	69	65	21
3,313	3,480	3,533	3,527	3,756	3,906	1,039	1,065	1,125	1,205	1,176	1,174	5,708	5,872	5,958	6,136	6,297	6,361	22
15,154	15,410	15,606	15,835	16,042	16,274	3,204	3,217	3,222	3,209	3,309	3,374	22,147	22,740	22,651	22,962	23,021	23,478	23
10,640	10,931	10,959	11,271	11,361	11,593	1,540	1,549	1,553	1,533	1,631	1,661	15,051	15,431	15,297	15,555	15,445	15,794	24
4,514	4,479	4,647	4,563	4,681	4,681	1,664	1,668	1,668	1,676	1,678	1,713	7,096	7,309	7,353	7,407	7,576	7,684	25
3,896	3,976	3,905	3,971	4,031	4,180	983	986	988	993	1,003	1,018	6,784	6,935	6,935	6,983	6,930	7,057	26
4,671	4,795	4,800	4,918	5,009	5,076	897	901	930	938	927	950	8,425	8,677	8,805	9,059	9,176	9,327	27
5,909	5,950	5,928	6,212	6,194	6,215	1,959	2,016	2,021	2,066	2,084	2,095	10,857	11,181	11,533	11,569	11,650	11,681	28
9,355	9,521	9,172	9,393	10,413	9,865	997	1,065	1,056	1,110	1,110	1,129	12,790	13,088	13,251	13,791	14,108	14,619	29
21,767	22,208	22,514	23,280	23,947	24,389	4,447	4,539	4,580	4,684	4,768	4,838	44,207	45,239	45,945	47,585	49,355	50,443	30
8,667	8,701	8,817	8,595	8,729	8,805	2,827	2,845	2,837	2,878	2,890	2,889	15,045	15,026	15,112	15,263	15,284	15,369	31
1,129	1,130	1,125	1,113	1,114	1,111	577	579	575	577	592	593	2,627	2,616	2,610	2,634	2,700	2,684	32
377	376	385	388	393	396	194	201	205	205	212	208	399	370	359	347	346	343	33
7,162	7,196	7,306	7,094	7,222	7,297	2,057	2,066	2,057	2,096	2,087	2,088	12,019	12,040	12,144	12,282	12,238	12,342	34

Vermont						**Mideast**						Delaware						
1996				1997		1996				1997		1996				1997		Line
I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	
13,034	13,160	13,307	13,407	13,644	13,845	1,237,524	1,251,871	1,264,426	1,280,913	1,304,164	1,317,041	19,552	19,842	20,252	20,735	20,809	21,240	1
12,917	13,036	13,164	13,270	13,511	13,698	1,235,538	1,249,804	1,262,188	1,278,616	1,301,926	1,314,692	19,453	19,729	20,129	20,595	20,670	21,103	2
117	124	144	137	133	147	1,986	2,067	2,239	2,296	2,238	2,349	100	112	123	141	138	138	3
8,778	8,879	8,975	9,033	9,162	9,309	858,641	868,827	876,481	890,145	904,871	913,467	14,971	15,194	15,573	16,048	15,966	16,423	4
600	605	609	612	624	633	57,884	58,300	58,658	59,410	60,606	61,015	925	935	957	983	981	1,009	5
69	74	77	84	83	85	–11,784	–11,309	–11,591	–11,762	–11,868	–11,879	–1,171	–1,180	–1,232	–1,294	–1,259	–1,331	6
8,247	8,349	8,444	8,505	8,621	8,762	788,973	799,218	806,231	818,972	832,397	840,573	12,875	13,079	13,384	13,770	13,727	14,083	7
2,726	2,743	2,792	2,820	2,890	2,931	232,245	233,702	237,161	239,266	243,909	246,540	3,897	3,923	3,970	4,000	4,097	4,141	8
2,061	2,068	2,072	2,082	2,133	2,152	216,307	218,951	221,034	222,674	227,859	229,928	2,781	2,840	2,898	2,965	2,985	3,016	9
55	52	51	52	55	55	5,757	5,479	5,519	5,183	5,258	5,305	83	82	97	126	70	71	10
2,006	2,016	2,021	2,030	2,078	2,097	210,550	213,472	215,515	217,491	222,601	224,623	2,698	2,757	2,801	2,839	2,915	2,945	11
6,840	6,922	6,985	7,051	7,175	7,297	691,126	699,953	707,477	719,831	733,230	740,650	11,627	11,814	12,137	12,514	12,473	12,867	12
829	826	825	822	828	838	75,995	75,841	75,636	75,889	76,353	76,623	1,479	1,471	1,488	1,513	1,492	1,539	13
1,110	1,131	1,166	1,161	1,159	1,174	91,520	93,033	93,368	94,424	95,288	96,194	1,865	1,908	1,947	2,021	2,002	2,017	14
70	77	97	89	85	98	876	954	1,121	1,169	1,097	1,194	72	85	95	113	110	109	15
1,039	1,054	1,069	1,071	1,074	1,076	90,644	92,079	92,248	93,256	94,190	95,000	1,793	1,824	1,852	1,909	1,892	1,908	16
117	124	144	137	133	147	1,986	2,067	2,239	2,296	2,238	2,349	100	112	123	141	138	138	17
8,661	8,755	8,832	8,897	9,029	9,162	856,655	866,760	874,242	887,848	902,632	911,118	14,872	15,081	15,450	15,907	15,828	16,285	18
7,329	7,392	7,482	7,551	7,605	7,730	718,440	727,500	736,102	749,417	764,018	771,955	12,972	13,165	13,507	13,973	13,874	14,313	19
61	63	64	65	64	66	3,837	3,823	3,961	3,994	4,047	4,171	60	60	64	63	65	67	20
21	21	21	22	20	20	2,086	2,118	2,083	2,171	2,076	2,138	7	7	7	7	7	7	21
575	590	635	626	614	597	37,197	38,537	39,354	40,180	41,180	41,651	924	979	1,102	1,277	1,178	1,202	22
1,824	1,799	1,833	1,837	1,898	1,957	126,430	127,840	128,751	128,961	129,566	129,356	4,415	4,273	4,391	4,420	4,495	4,711	23
1,331	1,291	1,320	1,323	1,390	1,437	63,386	64,460	64,771	64,578	64,790	64,607	885	893	846	807	911	975	24
492	508	513	514	508	520	63,044	63,379	63,980	64,382	64,776	64,748	3,530	3,380	3,545	3,613	3,584	3,735	25
504	510	512	516	512	526	58,411	57,737	57,938	57,622	57,786	58,724	677	706	704	693	682	697	26
462	446	451	478	460	468	52,068	52,624	53,037	53,809	55,030	55,723	574	584	599	606	593	605	27
929	937	942	963	969	989	65,651	66,684	67,110	68,503	69,569	70,122	1,233	1,256	1,277	1,288	1,336	1,347	28
484	496	507	506	484	500	107,372	108,712	110,649	114,657	120,016	121,103	1,823	1,909	1,910	2,107	1,909	2,031	29
2,469	2,529	2,516	2,538	2,584	2,607	265,389	269,424	273,218	279,520	284,749	288,968	3,261	3,391	3,453	3,512	3,610	3,647	30
1,332	1,363	1,350	1,346	1,424	1,432	138,214	139,260	138,140	138,431	138,614	139,163	1,899	1,916	1,943	1,934	1,955	1,972	31
229	231	227	229	234	234	34,328	34,344	34,277	34,357	35,145	34,991	239	241	247	245	243	243	32
42	41	42	42	43	42	4,400	4,284	4,239	4,184	4,255	4,280	177	174	170	167	169	168	33
1,062	1,091	1,081	1,076	1,147	1,156	99,486	100,631	99,624	99,890	99,215	99,892	1,484	1,501	1,526	1,523	1,542	1,561	34

Table 2.—Personal Income by Major Source

[Millions of dollars, seasonally

Line	Item	District of Columbia						Maryland					
		1996				1997		1996				1997	
		I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p
	Income by Place of Residence												
1	Personal income (lines 4-11)	18,444	18,299	18,629	18,787	19,011	19,086	137,621	139,245	140,748	142,657	145,502	147,033
2	Nonfarm personal income	18,444	18,299	18,629	18,787	19,011	19,086	137,338	138,940	140,410	142,311	145,157	146,680
3	Farm income (line 17)	0	0	0	0	0	0	282	305	338	346	345	353
	Derivation of Personal Income												
4	Earnings by place of work (lines 12-16 or 17-34)	34,714	33,472	34,370	34,636	34,882	34,799	83,969	85,741	86,243	87,689	89,532	90,649
5	Less: Personal contributions for social insurance [1]	2,233	2,142	2,201	2,214	2,233	2,220	5,747	5,851	5,875	5,964	6,111	6,173
6	Plus: Adjustment for residence [2]	–20,972	–20,052	–20,670	–20,853	–20,965	–20,878	13,691	13,217	13,643	13,763	13,849	13,813
7	Equals: Net earnings by place of residence	11,509	11,278	11,500	11,568	11,684	11,702	91,913	93,107	94,011	95,488	97,270	98,289
8	Plus: Dividends, interest, and rent [3]	3,206	3,226	3,263	3,292	3,349	3,373	25,070	25,162	25,515	25,713	26,227	26,528
9	Plus: Transfer payments	3,729	3,795	3,867	3,926	3,978	4,011	20,638	20,976	21,222	21,457	22,005	22,216
10	State unemployment insurance benefits	95	74	77	86	73	81	389	365	347	346	370	373
11	Transfers excluding State unemployment insurance benefits	3,634	3,721	3,790	3,840	3,905	3,931	20,249	20,611	20,875	21,111	21,635	21,843
	Earnings by Place of Work												
	Components of earnings:												
12	Wage and salary disbursements	29,739	28,634	29,499	29,783	29,997	29,914	69,242	70,857	71,418	72,803	74,475	75,487
13	Other labor income	2,791	2,661	2,714	2,709	2,701	2,678	7,148	7,225	7,192	7,239	7,325	7,374
14	Proprietors' income [4]	2,184	2,177	2,158	2,143	2,183	2,208	7,578	7,659	7,633	7,648	7,732	7,788
15	Farm proprietors' income	0	0	0	0	0	0	171	193	226	233	231	237
16	Nonfarm proprietors' income	2,184	2,177	2,158	2,143	2,183	2,208	7,407	7,465	7,407	7,414	7,501	7,551
	Earnings by Industry												
17	Farm	0	0	0	0	0	0	282	305	338	346	345	353
18	Nonfarm	34,714	33,472	34,370	34,636	34,882	34,799	83,687	85,436	85,905	87,343	89,187	90,296
19	Private	20,521	19,623	20,452	20,761	20,904	20,995	65,284	66,824	67,331	68,566	70,401	71,374
20	Agricultural services, forestry, fishing, and other [5]	388	276	331	351	360	370	489	503	518	523	528	544
21	Mining	16	14	14	14	15	14	70	72	73	74	77	78
22	Construction	389	363	386	380	433	385	5,483	5,719	5,797	5,938	6,223	6,205
23	Manufacturing	967	941	972	971	955	974	7,821	8,030	8,040	7,988	8,112	8,149
24	Durable goods	141	138	145	134	126	127	4,282	4,397	4,379	4,305	4,353	4,419
25	Nondurable goods	826	804	827	837	829	847	3,539	3,633	3,661	3,683	3,759	3,730
26	Transportation and public utilities	1,384	1,276	1,351	1,337	1,382	1,376	4,983	5,037	5,068	5,090	5,117	5,172
27	Wholesale trade	306	299	294	295	308	306	4,675	4,798	4,905	5,010	4,984	5,087
28	Retail trade	878	855	887	889	890	871	8,044	8,208	8,300	8,478	8,590	8,636
29	Finance, insurance, and real estate	1,906	1,716	1,873	1,965	2,007	2,030	6,739	6,781	6,674	6,736	7,110	7,292
30	Services	14,288	13,883	14,344	14,558	14,555	14,669	26,980	27,675	27,956	28,730	29,660	30,211
31	Government and government enterprises	14,193	13,849	13,918	13,875	13,978	13,804	18,402	18,612	18,574	18,777	18,785	18,923
32	Federal, civilian	11,475	11,278	11,200	11,192	11,405	11,286	7,325	7,415	7,448	7,516	7,758	7,762
33	Military	777	748	735	733	745	736	1,382	1,372	1,370	1,343	1,369	1,408
34	State and local	1,940	1,823	1,983	1,950	1,828	1,782	9,696	9,825	9,757	9,918	9,658	9,752

Line	Item	Great Lakes						Illinois					
		1996				1997		1996				1997	
		I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p
	Income by Place of Residence												
1	Personal income (lines 4-11)	1,050,678	1,067,473	1,080,212	1,088,807	1,107,534	1,120,394	311,898	316,298	320,221	323,827	329,850	334,400
2	Nonfarm personal income	1,046,480	1,063,215	1,075,483	1,084,008	1,102,662	1,115,529	310,280	314,731	318,444	321,971	327,876	332,586
3	Farm income (line 17)	4,198	4,259	4,729	4,799	4,872	4,865	1,618	1,567	1,777	1,856	1,975	1,814
	Derivation of Personal Income												
4	Earnings by place of work (lines 12-16 or 17-34)	745,695	760,606	770,296	776,163	788,304	798,079	222,837	226,555	229,426	232,231	236,298	239,978
5	Less: Personal contributions for social insurance [1]	49,712	50,596	51,179	51,463	52,427	52,941	14,850	15,065	15,232	15,380	15,682	15,894
6	Plus: Adjustment for residence [2]	2,709	2,755	2,783	2,862	2,899	2,954	–580	–564	–584	–567	–582	–607
7	Equals: Net earnings by place of residence	698,692	712,766	721,900	727,562	738,776	748,091	207,407	210,926	213,610	216,285	220,034	223,476
8	Plus: Dividends, interest, and rent [3]	187,723	188,712	191,474	193,030	196,934	199,201	59,937	60,331	61,301	61,846	63,097	63,822
9	Plus: Transfer payments	164,263	165,995	166,838	168,215	171,824	173,101	44,553	45,041	45,311	45,697	46,719	47,101
10	State unemployment insurance benefits	3,864	3,875	3,553	3,728	3,895	3,811	1,312	1,299	1,228	1,264	1,295	1,286
11	Transfers excluding State unemployment insurance benefits	160,399	162,120	163,285	164,488	167,929	169,290	43,241	43,742	44,083	44,432	45,423	45,815
	Earnings by Place of Work												
	Components of earnings:												
12	Wage and salary disbursements	603,519	616,923	625,977	631,765	642,631	651,132	178,749	182,030	184,526	186,953	190,336	193,565
13	Other labor income	76,437	77,175	77,230	76,821	77,231	77,677	20,842	20,944	20,947	20,932	21,075	21,321
14	Proprietors' income [4]	65,739	66,509	67,089	67,577	68,442	69,270	23,246	23,581	23,953	24,347	24,888	25,092
15	Farm proprietors' income	2,455	2,487	2,931	2,981	3,032	3,003	1,303	1,253	1,466	1,549	1,665	1,500
16	Nonfarm proprietors' income	63,284	64,021	64,158	64,597	65,410	66,267	21,943	22,328	22,487	22,798	23,223	23,592
	Earnings by Industry												
17	Farm	4,198	4,259	4,729	4,799	4,872	4,865	1,618	1,567	1,777	1,856	1,975	1,814
18	Nonfarm	741,497	756,347	765,567	771,364	783,432	793,214	221,219	224,988	227,649	230,376	234,324	238,164
19	Private	645,545	659,515	667,642	672,576	683,984	692,973	193,274	196,392	198,831	200,823	205,272	208,975
20	Agricultural services, forestry, fishing, and other [5]	3,410	3,521	3,624	3,595	3,702	3,842	1,012	1,048	1,081	1,065	1,120	1,159
21	Mining	2,431	2,506	2,482	2,483	2,387	2,395	769	787	777	768	697	689
22	Construction	40,860	41,855	42,945	43,259	43,926	45,126	12,013	12,201	12,504	12,588	12,680	12,918
23	Manufacturing	202,890	208,259	209,870	209,496	212,454	213,320	44,322	45,234	45,459	45,536	46,485	47,285
24	Durable goods	141,686	146,196	147,553	146,774	148,709	149,293	26,650	27,349	27,632	27,520	27,718	28,209
25	Nondurable goods	61,205	62,063	62,318	62,722	63,745	64,027	17,672	17,885	17,826	18,015	18,767	19,076
26	Transportation and public utilities	45,565	46,329	46,573	46,379	46,949	47,783	16,461	16,671	16,684	16,642	16,840	17,179
27	Wholesale trade	48,186	48,831	49,584	50,203	51,359	52,030	16,127	16,207	16,429	16,499	16,940	17,143
28	Retail trade	65,489	66,315	66,666	67,905	69,086	69,557	18,272	18,498	18,463	18,852	19,427	19,550
29	Finance, insurance, and real estate	51,901	53,413	54,038	54,375	55,195	56,871	21,500	21,764	21,975	22,128	23,167	23,889
30	Services	184,814	188,486	191,860	194,883	198,926	202,048	62,798	63,981	65,460	66,745	67,915	69,162
31	Government and government enterprises	95,952	96,832	97,925	98,788	99,449	100,241	27,945	28,596	28,817	29,553	29,052	29,190
32	Federal, civilian	14,006	14,055	14,050	14,113	14,172	14,131	4,630	4,670	4,679	4,706	4,816	4,821
33	Military	2,543	2,507	2,500	2,483	2,512	2,467	1,187	1,190	1,201	1,206	1,221	1,181
34	State and local	79,403	80,270	81,376	82,192	82,764	83,644	22,128	22,736	22,937	23,641	23,015	23,188

See footnotes at end of table.

and Earnings by Industry, 1996:I–1997:II—Continued

adjusted at annual rates]

New Jersey						New York						Pennsylvania						
1996				1997		1996				1997		1996				1997		Line
I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	
245,984	249,308	251,460	254,430	259,310	261,436	522,825	527,239	532,396	540,159	550,884	556,314	293,099	297,938	300,941	304,145	308,649	311,931	1
245,743	249,057	251,186	254,144	259,032	261,141	522,289	526,713	531,843	539,608	550,329	555,744	292,272	297,066	299,990	303,171	307,726	310,939	2
242	251	273	285	278	296	536	526	553	550	555	571	827	872	952	974	922	992	3
159,517	162,563	163,447	165,961	169,045	170,190	370,427	372,855	376,038	382,755	390,139	393,862	195,043	199,003	200,810	203,057	205,306	207,543	4
11,069	11,239	11,270	11,414	11,665	11,709	24,307	24,325	24,470	24,843	25,427	25,598	13,604	13,808	13,885	13,991	14,188	14,306	5
14,057	13,983	14,210	14,550	14,883	15,094	–18,815	–18,697	–18,980	–19,427	–19,939	–20,167	1,427	1,419	1,437	1,500	1,562	1,590	6
162,506	165,307	166,387	169,096	172,263	173,575	327,306	329,833	332,588	338,484	344,773	348,096	182,865	186,614	188,362	190,565	192,680	194,827	7
49,972	50,288	51,021	51,471	52,432	52,968	95,622	96,330	97,937	98,904	100,741	101,860	54,478	54,773	55,456	55,887	57,062	57,670	8
33,507	33,713	34,052	33,863	34,615	34,893	99,897	101,076	101,872	102,770	105,369	106,358	55,755	56,551	57,124	57,693	58,906	59,433	9
1,385	1,403	1,649	1,295	1,292	1,271	2,064	1,934	1,833	1,827	1,921	1,918	1,741	1,622	1,516	1,504	1,533	1,591	10
32,122	32,310	32,403	32,568	33,324	33,622	97,833	99,142	100,039	100,944	103,448	104,439	54,014	54,929	55,607	56,189	57,373	57,842	11
129,763	132,446	133,319	135,586	138,349	139,345	297,491	299,441	302,536	308,506	315,281	318,472	153,264	156,760	158,568	160,640	162,656	164,565	12
14,239	14,347	14,277	14,327	14,428	14,420	31,324	30,969	30,837	30,980	31,285	31,408	19,013	19,168	19,128	19,121	19,122	19,205	13
15,515	15,769	15,852	16,047	16,269	16,425	41,613	42,444	42,665	43,269	43,573	43,982	22,765	23,075	23,114	23,296	23,529	23,773	14
103	113	134	145	136	152	132	122	147	140	140	151	397	441	519	538	481	546	15
15,412	15,657	15,718	15,903	16,133	16,273	41,481	42,323	42,518	43,129	43,433	43,831	22,368	22,634	22,595	22,758	23,047	23,228	16
242	251	273	285	278	296	536	526	553	550	555	571	827	872	952	974	922	992	17
159,276	162,311	163,174	165,676	168,767	169,895	369,892	372,329	375,485	382,205	389,585	393,291	194,216	198,131	199,859	202,082	204,384	206,551	18
135,936	138,749	140,022	142,191	145,058	146,089	315,198	316,875	320,830	327,624	335,408	338,673	168,530	172,264	173,960	176,302	178,374	180,510	19
693	717	733	741	749	776	1,251	1,285	1,308	1,327	1,327	1,361	957	982	1,008	990	1,019	1,052	20
212	216	214	215	223	224	305	310	316	345	307	330	1,475	1,499	1,460	1,516	1,448	1,485	21
6,930	7,232	7,316	7,395	7,698	7,736	12,833	13,190	13,528	13,723	13,736	14,076	10,638	11,055	11,225	11,467	11,912	12,046	22
25,693	25,959	26,112	26,030	25,943	25,542	46,729	46,936	47,136	47,221	47,784	47,898	40,806	41,701	42,099	42,331	42,277	42,082	23
9,355	9,542	9,536	9,371	9,403	9,036	24,808	25,009	25,119	25,266	25,381	25,521	23,916	24,482	24,747	24,696	24,616	24,529	24
16,337	16,418	16,577	16,659	16,541	16,506	21,922	21,927	22,017	21,956	22,402	22,377	16,890	17,219	17,352	17,635	17,661	17,553	25
14,089	14,365	14,419	14,567	14,516	14,793	23,665	22,770	22,733	22,362	22,217	22,552	13,612	13,584	13,663	13,572	13,872	14,133	26
13,825	14,074	14,277	14,518	14,977	15,164	21,533	21,616	21,584	21,849	22,511	22,699	11,155	11,253	11,377	11,530	11,657	11,861	27
12,842	13,027	13,055	13,277	13,527	13,678	24,671	25,042	25,156	25,775	26,052	26,246	17,983	18,296	18,435	18,796	19,174	19,344	28
13,731	14,247	14,238	14,634	15,715	15,800	68,726	68,709	70,548	73,519	77,812	78,055	14,448	15,349	15,407	15,695	15,463	15,896	29
47,922	48,911	49,658	50,814	51,710	52,376	115,484	117,019	118,520	121,502	123,662	125,456	57,455	58,545	59,286	60,405	61,551	62,611	30
23,340	23,563	23,152	23,484	23,710	23,805	54,694	55,453	54,655	54,580	54,177	54,618	25,686	25,867	25,899	25,781	26,010	26,041	31
3,298	3,326	3,307	3,303	3,365	3,364	6,571	6,634	6,603	6,602	6,780	6,822	5,419	5,450	5,472	5,500	5,594	5,513	32
540	516	504	496	512	520	968	925	909	898	900	897	556	549	552	548	559	550	33
19,502	19,720	19,340	19,686	19,833	19,920	47,155	47,895	47,144	47,080	46,496	46,899	19,710	19,868	19,875	19,733	19,858	19,978	34

Indiana						Michigan						Ohio						
1996				1997		1996				1997		1996				1997		Line
I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	
128,813	131,434	133,113	134,643	136,275	137,988	235,014	238,849	241,129	242,326	246,708	248,911	257,084	261,194	264,418	265,610	270,413	272,994	1
127,976	130,552	132,162	133,730	135,346	137,019	234,600	238,405	240,650	241,835	246,210	248,389	256,198	260,294	263,411	264,609	269,479	272,000	2
837	882	951	913	929	970	414	444	480	491	498	522	887	900	1,007	1,000	933	994	3
92,497	94,673	95,720	96,826	97,630	98,932	167,214	170,741	172,580	173,183	176,236	177,746	181,168	184,966	187,571	188,102	191,200	193,028	4
6,194	6,318	6,377	6,441	6,512	6,581	10,984	11,199	11,316	11,338	11,579	11,650	12,327	12,560	12,725	12,734	12,994	13,078	5
2,283	2,322	2,354	2,376	2,444	2,484	722	737	746	760	773	787	–1,496	–1,554	–1,574	–1,566	–1,607	–1,613	6
88,587	90,677	91,697	92,761	93,562	94,835	156,952	160,278	162,010	162,606	165,430	166,883	167,344	170,851	173,272	173,802	176,599	178,337	7
20,996	21,186	21,605	21,851	22,288	22,560	41,593	41,670	42,120	42,371	43,184	43,667	43,697	43,912	44,516	44,853	45,771	46,284	8
19,230	19,571	19,811	20,031	20,425	20,593	36,470	36,901	36,999	37,349	38,095	38,361	46,043	46,432	46,630	46,955	48,042	48,373	9
269	270	256	263	242	246	992	1,059	911	1,007	1,026	1,005	796	757	677	693	819	770	10
18,961	19,301	19,555	19,768	20,183	20,347	35,478	35,842	36,088	36,342	37,069	37,356	45,247	45,674	45,953	46,262	47,223	47,603	11
73,838	75,676	76,658	77,726	78,458	79,562	136,445	139,763	141,694	142,511	145,325	146,704	147,461	150,892	153,329	153,994	156,899	158,452	12
9,876	10,006	9,989	9,967	9,939	9,991	19,825	20,004	19,972	19,777	19,962	19,959	17,475	17,709	17,757	17,594	17,678	17,725	13
8,783	8,990	9,073	9,133	9,232	9,379	10,944	10,974	10,913	10,895	10,949	11,083	16,232	16,365	16,484	16,513	16,623	16,851	14
627	672	742	708	721	760	–30	–15	5	2	3	21	626	640	748	746	676	733	15
8,157	8,318	8,330	8,425	8,511	8,620	10,974	10,989	10,908	10,893	10,946	11,062	15,606	15,725	15,736	15,767	15,948	16,118	16
837	882	951	913	929	970	414	444	480	491	498	522	887	900	1,007	1,000	933	994	17
91,660	93,791	94,769	95,912	96,701	97,963	166,800	170,297	172,100	172,692	175,738	177,224	180,281	184,066	186,564	187,101	190,267	192,034	18
80,284	82,290	83,191	84,105	85,254	86,322	145,429	148,763	150,573	151,161	153,387	154,683	156,215	160,136	161,991	162,700	165,226	166,839	19
392	410	422	420	418	435	726	747	762	774	803	838	809	832	855	843	876	908	20
328	351	361	377	368	379	404	405	401	402	404	398	813	846	823	816	798	806	21
5,747	6,007	6,067	6,193	6,334	6,578	8,315	8,467	8,594	8,691	8,889	9,238	9,737	10,034	10,371	10,396	10,570	10,762	22
29,890	30,670	30,818	30,754	31,067	31,005	55,243	56,685	57,345	57,091	58,138	57,804	50,114	51,796	52,149	51,912	52,200	52,245	23
21,447	22,222	22,292	22,052	22,241	22,138	44,467	45,688	46,236	46,187	47,085	46,860	34,706	36,055	36,320	36,011	36,332	36,386	24
8,443	8,447	8,527	8,702	8,826	8,866	10,776	10,996	11,109	10,904	11,052	10,944	15,408	15,741	15,830	15,901	15,869	15,859	25
5,726	5,852	5,852	5,775	5,804	5,943	8,183	8,382	8,389	8,330	8,635	8,739	10,363	10,510	10,576	10,586	10,608	10,750	26
5,159	5,270	5,352	5,432	5,492	5,572	10,240	10,414	10,552	10,737	11,015	11,212	11,736	11,920	12,146	12,366	12,609	12,727	27
8,638	8,772	8,845	8,992	9,110	9,255	13,924	14,164	14,294	14,518	14,546	14,623	17,164	17,298	17,455	17,776	18,112	18,206	28
5,055	5,303	5,394	5,549	5,445	5,606	8,889	9,125	9,234	9,198	9,094	9,368	11,034	11,582	11,741	11,741	11,796	12,126	29
19,349	19,656	20,079	20,614	21,216	21,549	39,506	40,374	41,002	41,420	41,864	42,463	44,447	45,317	45,874	46,263	47,656	48,308	30
11,376	11,501	11,578	11,807	11,446	11,640	21,371	21,534	21,527	21,531	22,351	22,541	24,065	23,929	24,574	24,401	25,041	25,195	31
1,789	1,772	1,758	1,750	1,667	1,659	2,422	2,448	2,456	2,462	2,438	2,440	3,937	3,916	3,900	3,923	3,962	3,919	32
232	227	227	223	225	224	272	258	255	250	252	252	663	648	636	625	633	627	33
9,355	9,501	9,594	9,834	9,554	9,758	18,677	18,829	18,816	18,819	19,661	19,848	19,466	19,365	20,038	19,853	20,445	20,649	34

Table 2.—Personal Income by Major Source

[Millions of dollars, seasonally

Line	Item	Wisconsin						Plains					
		1996				1997		1996				1997	
		I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p
	Income by Place of Residence												
1	Personal income (lines 4-11)	117,869	119,697	121,331	122,402	124,288	126,100	422,854	430,289	436,027	440,502	446,979	452,802
2	Nonfarm personal income	117,427	119,231	120,816	121,862	123,751	125,535	413,179	419,777	424,782	428,965	435,259	440,621
3	Farm income (line 17)	442	466	515	539	537	565	9,675	10,512	11,244	11,538	11,721	12,181
	Derivation of Personal Income												
4	Earnings by place of work (lines 12-16 or 17-34)	81,979	83,672	85,000	85,822	86,940	88,394	302,458	309,035	313,368	316,763	320,574	325,244
5	Less: Personal contributions for social insurance [1]	5,358	5,453	5,528	5,570	5,660	5,738	21,241	21,602	21,837	22,009	22,313	22,566
6	Plus: Adjustment for residence [2]	1,780	1,815	1,840	1,857	1,870	1,903	–3,410	–3,489	–3,523	–3,581	–3,632	–3,688
7	Equals: Net earnings by place of residence	78,401	80,034	81,311	82,109	83,151	84,560	277,808	283,945	288,008	291,173	294,628	298,990
8	Plus: Dividends, interest, and rent [3]	21,500	21,613	21,932	22,108	22,593	22,868	78,896	79,520	80,740	81,442	83,022	83,889
9	Plus: Transfer payments	17,967	18,051	18,088	18,185	18,544	18,673	66,151	66,825	67,279	67,888	69,329	69,922
10	State unemployment insurance benefits	495	490	482	501	513	504	1,100	1,047	1,009	1,110	1,101	1,121
11	Transfers excluding State unemployment insurance benefits	17,472	17,561	17,606	17,683	18,031	18,168	65,051	65,778	66,270	66,778	68,228	68,802
	Earnings by Place of Work												
	Components of earnings:												
12	Wage and salary disbursements	67,026	68,562	69,771	70,582	71,613	72,848	236,965	242,223	245,773	248,757	251,839	255,556
13	Other labor income	8,419	8,511	8,564	8,550	8,577	8,681	28,264	28,524	28,569	28,576	28,637	28,894
14	Proprietors' income [4]	6,535	6,599	6,665	6,690	6,750	6,865	37,230	38,288	39,025	39,429	40,098	40,794
15	Farm proprietors' income	–70	–62	–31	–24	–32	–11	8,171	8,970	9,666	9,927	10,091	10,531
16	Nonfarm proprietors' income	6,604	6,661	6,696	6,714	6,782	6,876	29,059	29,317	29,359	29,502	30,007	30,262
	Earnings by Industry												
17	Farm	442	466	515	539	537	565	9,675	10,512	11,244	11,538	11,721	12,181
18	Nonfarm	81,538	83,206	84,485	85,283	86,403	87,829	292,783	298,523	302,123	305,225	308,853	313,064
19	Private	70,342	71,934	73,056	73,787	74,843	76,154	248,013	253,349	256,471	259,472	263,000	266,856
20	Agricultural services, forestry, fishing, and other [5]	471	485	503	492	485	502	1,921	1,963	2,007	1,991	2,049	2,125
21	Mining	118	117	121	119	120	124	1,508	1,556	1,527	1,538	1,474	1,502
22	Construction	5,048	5,146	5,408	5,393	5,453	5,630	18,541	18,617	18,866	18,698	19,592	19,438
23	Manufacturing	23,321	23,874	24,100	24,203	24,564	24,981	58,178	59,474	60,042	60,577	60,898	62,200
24	Durable goods	14,416	14,881	15,073	15,004	15,333	15,699	33,995	34,900	35,557	35,648	35,751	36,418
25	Nondurable goods	8,906	8,993	9,027	9,199	9,231	9,281	24,183	24,574	24,485	24,929	25,148	25,781
26	Transportation and public utilities	4,832	4,914	5,072	5,045	5,062	5,172	22,471	22,858	22,793	22,982	23,984	24,122
27	Wholesale trade	4,924	5,019	5,104	5,168	5,303	5,376	21,491	21,836	22,377	22,639	22,678	22,884
28	Retail trade	7,491	7,583	7,608	7,766	7,890	7,922	28,384	28,903	29,094	29,589	29,670	29,768
29	Finance, insurance, and real estate	5,423	5,639	5,695	5,759	5,692	5,882	21,482	22,342	22,450	22,776	22,156	22,913
30	Services	18,714	19,158	19,445	19,841	20,275	20,566	74,036	75,800	77,315	78,682	80,498	81,905
31	Government and government enterprises	11,195	11,272	11,429	11,496	11,559	11,675	44,770	45,174	45,652	45,753	45,854	46,207
32	Federal, civilian	1,228	1,248	1,257	1,273	1,289	1,292	7,594	7,691	7,690	7,725	7,982	8,009
33	Military	190	184	181	179	182	182	2,568	2,535	2,532	2,515	2,547	2,514
34	State and local	9,777	9,839	9,991	10,044	10,088	10,201	34,608	34,949	35,430	35,513	35,325	35,684

Line	Item	Missouri						Nebraska					
		1996				1997		1996				1997	
		I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p
	Income by Place of Residence												
1	Personal income (lines 4-11)	121,011	122,784	124,035	125,633	128,420	129,909	36,963	37,686	38,117	38,681	39,561	39,840
2	Nonfarm personal income	120,221	122,002	123,197	124,799	127,582	129,023	35,068	35,587	35,943	36,220	37,101	37,285
3	Farm income (line 17)	790	782	838	834	838	886	1,895	2,099	2,174	2,461	2,460	2,555
	Derivation of Personal Income												
4	Earnings by place of work (lines 12-16 or 17-34)	85,769	87,355	88,123	89,483	91,586	92,708	27,118	27,774	28,131	28,622	29,369	29,569
5	Less: Personal contributions for social insurance [1]	5,834	5,928	5,967	6,049	6,215	6,277	1,927	1,958	1,978	1,989	2,046	2,050
6	Plus: Adjustment for residence [2]	–3,122	–3,187	–3,176	–3,253	–3,381	–3,419	–498	–511	–518	–524	–548	–545
7	Equals: Net earnings by place of residence	76,813	78,240	78,980	80,182	81,989	83,011	24,692	25,304	25,635	26,109	26,775	26,974
8	Plus: Dividends, interest, and rent [3]	23,570	23,757	24,155	24,393	24,889	25,175	6,847	6,879	6,923	6,955	7,053	7,089
9	Plus: Transfer payments	20,628	20,787	20,900	21,058	21,542	21,723	5,423	5,503	5,559	5,617	5,733	5,776
10	State unemployment insurance benefits	297	266	260	275	280	271	44	45	44	50	46	41
11	Transfers excluding State unemployment insurance benefits	20,331	20,521	20,640	20,782	21,262	21,452	5,379	5,458	5,515	5,566	5,687	5,735
	Earnings by Place of Work												
	Components of earnings:												
12	Wage and salary disbursements	68,607	70,070	70,790	72,054	73,929	74,919	20,340	20,773	21,055	21,258	21,838	21,950
13	Other labor income	8,516	8,592	8,557	8,614	8,758	8,811	2,343	2,369	2,378	2,376	2,414	2,417
14	Proprietors' income [4]	8,646	8,693	8,775	8,815	8,900	8,977	4,435	4,632	4,698	4,988	5,116	5,202
15	Farm proprietors' income	596	589	647	645	647	693	1,647	1,841	1,906	2,183	2,178	2,270
16	Nonfarm proprietors' income	8,049	8,104	8,128	8,170	8,253	8,284	2,788	2,791	2,792	2,806	2,938	2,932
	Earnings by Industry												
17	Farm	790	782	838	834	838	886	1,895	2,099	2,174	2,461	2,460	2,555
18	Nonfarm	84,979	86,573	87,285	88,650	90,748	91,821	25,223	25,675	25,957	26,161	26,909	27,014
19	Private	73,125	74,532	75,082	76,339	78,269	79,099	20,743	21,173	21,408	21,629	22,342	22,445
20	Agricultural services, forestry, fishing, and other [5]	431	440	447	448	466	484	288	293	300	293	302	313
21	Mining	237	243	239	241	223	225	60	61	60	57	59	58
22	Construction	5,504	5,524	5,676	5,717	5,963	5,842	1,625	1,607	1,655	1,651	2,004	1,787
23	Manufacturing	17,328	17,428	17,363	17,629	18,280	18,377	3,829	3,909	3,924	3,985	3,966	4,064
24	Durable goods	9,766	9,987	9,951	10,086	10,312	10,208	1,900	1,928	1,958	1,946	2,025	2,078
25	Nondurable goods	7,562	7,441	7,411	7,543	7,968	8,169	1,930	1,980	1,966	2,039	1,941	1,986
26	Transportation and public utilities	7,227	7,489	7,351	7,492	7,801	7,915	2,305	2,378	2,430	2,445	2,512	2,572
27	Wholesale trade	5,856	5,963	6,036	6,163	6,213	6,214	1,705	1,747	1,763	1,786	1,812	1,813
28	Retail trade	8,135	8,226	8,306	8,470	8,479	8,540	2,462	2,518	2,542	2,584	2,597	2,581
29	Finance, insurance, and real estate	6,074	6,325	6,334	6,441	6,424	6,638	1,924	2,007	2,018	2,011	1,930	2,004
30	Services	22,333	22,894	23,330	23,738	24,421	24,865	6,545	6,654	6,716	6,817	7,162	7,254
31	Government and government enterprises	11,854	12,041	12,202	12,311	12,478	12,722	4,480	4,502	4,549	4,533	4,567	4,569
32	Federal, civilian	2,691	2,706	2,684	2,683	2,839	2,880	610	621	629	633	631	637
33	Military	623	622	650	654	662	645	398	397	395	392	398	394
34	State and local	8,541	8,713	8,869	8,974	8,978	9,197	3,471	3,483	3,525	3,507	3,538	3,538

See footnotes at end of table.

and Earnings by Industry, 1996:I–1997:II—Continued

adjusted at annual rates]

Iowa						Kansas						Minnesota						
1996				1997		1996				1997		1996				1997		Line
I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	
62,444	63,330	64,071	64,608	65,628	66,542	58,546	59,253	59,992	60,546	61,481	62,199	116,196	118,885	120,959	122,079	122,606	124,582	1
59,635	60,332	60,911	61,393	62,213	63,158	57,507	58,184	58,829	59,347	60,296	60,966	114,621	117,058	119,032	120,228	120,765	122,559	2
2,808	2,999	3,161	3,215	3,415	3,384	1,040	1,070	1,163	1,199	1,185	1,233	1,575	1,827	1,927	1,852	1,841	2,023	3
43,883	44,600	45,169	45,569	46,192	47,023	40,048	40,707	41,347	41,804	42,299	42,761	86,121	88,471	90,066	90,738	90,428	92,117	4
3,093	3,126	3,153	3,173	3,210	3,267	2,840	2,878	2,919	2,945	2,990	3,011	6,130	6,263	6,363	6,398	6,383	6,477	5
301	310	316	316	347	332	1,031	1,054	1,031	1,064	1,120	1,136	–702	–720	–735	–746	–727	–742	6
41,091	41,783	42,333	42,712	43,329	44,088	38,240	38,883	39,458	39,923	40,429	40,886	79,288	81,488	82,968	83,593	83,318	84,898	7
11,484	11,559	11,679	11,754	11,943	12,030	11,367	11,350	11,455	11,468	11,719	11,886	20,504	20,816	21,294	21,599	22,054	22,295	8
9,868	9,988	10,059	10,142	10,356	10,424	8,940	9,021	9,078	9,155	9,333	9,427	16,403	16,581	16,697	16,887	17,233	17,389	9
182	189	182	188	203	192	155	144	139	152	144	164	378	361	341	397	382	394	10
9,687	9,799	9,878	9,954	10,153	10,232	8,785	8,877	8,939	9,004	9,189	9,262	16,025	16,221	16,356	16,490	16,852	16,995	11
33,007	33,538	33,955	34,316	34,665	35,399	31,137	31,712	32,276	32,693	33,147	33,491	69,838	71,704	73,109	73,809	73,518	74,852	12
4,021	4,042	4,050	4,047	4,047	4,114	3,801	3,826	3,864	3,863	3,871	3,887	8,007	8,090	8,112	8,080	7,954	8,059	13
6,855	7,020	7,164	7,206	7,480	7,509	5,110	5,168	5,207	5,249	5,281	5,383	8,276	8,678	8,846	8,849	8,956	9,206	14
2,535	2,726	2,890	2,948	3,146	3,112	806	827	910	938	920	965	1,210	1,450	1,537	1,449	1,434	1,610	15
4,320	4,293	4,273	4,258	4,334	4,398	4,304	4,342	4,297	4,311	4,361	4,419	7,066	7,228	7,309	7,399	7,522	7,596	16
2,808	2,999	3,161	3,215	3,415	3,384	1,040	1,070	1,163	1,199	1,185	1,233	1,575	1,827	1,927	1,852	1,841	2,023	17
41,075	41,601	42,008	42,354	42,777	43,639	39,008	39,637	40,184	40,605	41,114	41,529	84,546	86,644	88,139	88,886	88,587	90,094	18
34,482	35,024	35,340	35,671	35,912	36,746	32,010	32,625	33,157	33,505	34,123	34,552	73,165	75,105	76,381	77,218	77,136	78,539	19
348	357	359	362	368	381	258	264	270	272	285	297	388	398	416	403	409	422	20
76	80	80	81	78	80	393	400	397	394	398	406	443	466	446	458	426	429	21
2,854	2,697	2,699	2,619	2,776	2,878	2,448	2,513	2,431	2,443	2,493	2,574	4,884	5,010	5,115	5,041	5,163	5,160	22
9,224	9,417	9,528	9,505	9,612	9,950	7,413	7,584	7,922	7,952	7,898	8,132	18,337	19,026	19,147	19,360	18,922	19,403	23
5,630	5,779	5,900	5,838	5,966	6,194	4,653	4,794	5,104	5,128	5,078	5,320	10,674	11,000	11,194	11,222	10,885	11,090	24
3,593	3,638	3,628	3,667	3,645	3,756	2,760	2,789	2,818	2,824	2,820	2,812	7,662	8,027	7,953	8,139	8,036	8,314	25
2,673	2,693	2,689	2,710	2,749	2,783	3,222	3,199	3,202	3,164	3,487	3,287	5,543	5,563	5,592	5,651	5,883	6,003	26
2,838	2,887	2,956	3,022	3,025	3,067	2,919	2,950	3,018	3,122	3,161	3,187	6,822	6,923	7,183	7,128	7,093	7,202	27
4,078	4,126	4,157	4,214	4,231	4,259	3,908	4,002	4,018	4,104	4,170	4,193	7,787	7,979	8,005	8,125	8,090	8,082	28
3,002	3,151	3,075	3,272	3,111	3,219	2,355	2,419	2,460	2,465	2,403	2,478	7,014	7,273	7,382	7,383	7,127	7,363	29
9,389	9,616	9,795	9,886	9,961	10,128	9,095	9,295	9,440	9,589	9,829	9,998	21,947	22,468	23,094	23,669	24,025	24,474	30
6,592	6,577	6,669	6,683	6,864	6,893	6,998	7,012	7,026	7,099	6,991	6,976	11,380	11,538	11,758	11,668	11,452	11,556	31
828	855	863	864	879	880	1,199	1,209	1,203	1,218	1,254	1,240	1,508	1,534	1,546	1,565	1,602	1,588	32
125	125	124	124	126	126	708	693	678	674	686	685	197	194	194	192	194	193	33
5,640	5,597	5,682	5,695	5,860	5,887	5,091	5,109	5,146	5,207	5,051	5,052	9,676	9,810	10,018	9,911	9,656	9,774	34

North Dakota						South Dakota						**Southeast**						
1996				1997		1996				1997		1996				1997		Line
I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	
12,842	13,111	13,347	13,338	13,503	13,695	14,853	15,239	15,505	15,617	15,780	16,035	1,384,840	1,409,188	1,427,939	1,443,187	1,473,278	1,492,349	1
12,146	12,374	12,512	12,550	12,700	12,864	13,981	14,241	14,359	14,427	14,601	14,765	1,373,377	1,395,969	1,413,833	1,429,179	1,459,077	1,476,567	2
696	737	835	788	802	831	872	998	1,146	1,190	1,180	1,269	11,463	13,219	14,106	14,008	14,201	15,783	3
9,078	9,333	9,524	9,473	9,565	9,716	10,441	10,797	11,008	11,074	11,135	11,351	939,995	960,492	973,119	983,826	1,003,234	1,017,168	4
673	688	693	691	698	706	744	761	765	764	770	778	64,335	65,438	66,176	66,760	68,308	68,977	5
–267	–277	–280	–280	–285	–290	–153	–157	–160	–159	–158	–160	6,154	5,688	5,877	5,927	5,929	5,863	6
8,139	8,368	8,550	8,502	8,582	8,720	9,544	9,879	10,083	10,150	10,207	10,413	881,813	900,742	912,821	922,993	940,856	954,055	7
2,379	2,395	2,431	2,451	2,494	2,519	2,745	2,764	2,802	2,822	2,870	2,896	250,593	252,982	257,681	260,422	266,010	269,220	8
2,324	2,348	2,365	2,385	2,427	2,457	2,564	2,596	2,621	2,645	2,704	2,726	252,434	255,464	257,437	259,772	266,412	269,075	9
29	28	28	31	30	42	15	14	16	17	16	15	3,287	3,188	3,071	3,192	3,281	3,351	10
2,295	2,320	2,337	2,354	2,397	2,414	2,548	2,582	2,605	2,628	2,688	2,712	249,147	252,276	254,367	256,580	263,131	265,723	11
6,733	6,930	7,022	7,039	7,103	7,204	7,303	7,497	7,566	7,589	7,639	7,741	758,080	775,090	786,854	797,106	814,502	825,278	12
697	712	716	711	710	717	879	894	892	885	883	889	87,301	88,112	88,345	88,376	89,101	89,732	13
1,648	1,691	1,785	1,723	1,752	1,794	2,260	2,406	2,550	2,600	2,612	2,721	94,614	97,289	97,921	98,344	99,631	102,158	14
598	636	730	679	692	720	778	900	1,045	1,085	1,074	1,162	8,712	10,447	11,329	11,246	11,407	12,955	15
1,050	1,055	1,055	1,045	1,060	1,075	1,481	1,506	1,505	1,515	1,539	1,559	85,902	86,843	86,591	87,097	88,224	89,203	16
696	737	835	788	802	831	872	998	1,146	1,190	1,180	1,269	11,463	13,219	14,106	14,008	14,201	15,783	17
8,383	8,596	8,688	8,685	8,763	8,884	9,569	9,799	9,862	9,884	9,955	10,082	928,532	947,273	959,013	969,819	989,033	1,001,386	18
6,619	6,819	6,902	6,906	6,973	7,097	7,868	8,071	8,200	8,204	8,245	8,378	767,111	785,776	795,552	805,367	820,548	832,164	19
71	72	73	75	75	77	136	140	141	139	145	151	6,311	6,570	6,710	6,692	6,950	7,223	20
182	188	187	187	179	189	117	118	117	120	111	115	8,415	8,621	8,568	8,729	8,589	8,544	21
610	618	646	595	567	568	617	648	645	632	627	629	57,397	59,271	59,821	60,815	61,465	61,729	22
670	696	705	716	742	766	1,377	1,413	1,454	1,430	1,480	1,507	165,787	168,994	169,802	170,735	171,944	172,789	23
405	424	432	437	459	480	966	987	1,018	991	1,026	1,049	86,651	88,949	89,594	89,626	90,623	91,625	24
265	273	273	279	283	287	410	426	436	438	454	458	79,135	80,045	80,208	81,110	81,321	81,164	25
803	817	815	814	829	837	699	720	714	706	723	724	68,476	69,224	70,431	69,912	70,949	72,428	26
720	738	758	757	753	765	630	629	663	661	621	637	57,976	59,471	60,073	61,152	62,661	63,761	27
897	915	922	941	945	946	1,117	1,137	1,143	1,149	1,159	1,167	95,524	97,373	98,321	100,209	102,514	103,394	28
470	491	496	501	483	504	643	676	684	703	678	708	60,827	63,526	64,355	65,237	64,889	66,977	29
2,196	2,283	2,299	2,320	2,400	2,445	2,531	2,590	2,639	2,663	2,700	2,741	246,400	252,725	257,472	261,886	270,588	275,320	30
1,763	1,777	1,786	1,780	1,790	1,787	1,701	1,728	1,662	1,679	1,710	1,704	161,421	161,497	163,461	164,452	168,485	169,221	31
337	339	339	340	342	347	421	427	427	421	435	437	32,360	32,476	32,412	32,569	33,531	33,431	32
357	350	343	335	337	332	161	155	148	145	144	140	19,218	19,218	19,282	19,234	19,651	19,568	33
1,070	1,088	1,105	1,105	1,111	1,108	1,120	1,147	1,086	1,113	1,132	1,127	109,842	109,802	111,767	112,650	115,303	116,222	34

Table 2.—Personal Income by Major Source

[Millions of dollars, seasonally

Line	Item	Alabama						Arkansas					
		1996				1997		1996				1997	
		I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p
	Income by Place of Residence												
1	Personal income (lines 4-11)	84,122	85,655	86,740	87,568	89,017	89,877	46,329	47,567	48,005	48,436	49,006	50,124
2	Nonfarm personal income	83,333	84,791	85,808	86,605	87,963	88,835	44,864	45,597	46,084	46,402	47,076	47,704
3	Farm income (line 17)	789	863	931	962	1,054	1,042	1,464	1,970	1,921	2,034	1,930	2,420
	Derivation of Personal Income												
4	Earnings by place of work (lines 12-16 or 17-34)	58,198	59,477	60,236	60,810	61,583	62,118	32,214	33,353	33,629	33,915	34,104	35,078
5	Less: Personal contributions for social insurance [1]	4,214	4,288	4,334	4,365	4,428	4,456	2,197	2,235	2,254	2,260	2,291	2,319
6	Plus: Adjustment for residence [2]	663	684	698	702	729	742	–315	–325	–325	–322	–315	–326
7	Equals: Net earnings by place of residence	54,648	55,873	56,601	57,147	57,883	58,405	29,702	30,792	31,051	31,332	31,497	32,433
8	Plus: Dividends, interest, and rent [3]	12,413	12,497	12,725	12,852	13,125	13,296	6,855	6,903	7,030	7,101	7,244	7,335
9	Plus: Transfer payments	17,061	17,285	17,414	17,568	18,008	18,176	9,771	9,871	9,925	10,003	10,265	10,356
10	State unemployment insurance benefits	229	232	210	211	222	220	208	204	190	195	227	227
11	Transfers excluding State unemployment insurance benefits	16,832	17,053	17,204	17,357	17,786	17,955	9,564	9,667	9,735	9,809	10,038	10,129
	Earnings by Place of Work												
	Components of earnings:												
12	Wage and salary disbursements	46,759	47,817	48,488	49,028	49,666	50,142	24,465	25,032	25,358	25,546	25,856	26,263
13	Other labor income	5,528	5,613	5,642	5,638	5,636	5,656	3,008	3,052	3,069	3,061	3,051	3,085
14	Proprietors' income [4]	5,911	6,048	6,107	6,143	6,281	6,320	4,741	5,269	5,202	5,308	5,197	5,731
15	Farm proprietors' income	660	735	804	837	928	914	1,258	1,752	1,695	1,804	1,697	2,184
16	Nonfarm proprietors' income	5,251	5,312	5,302	5,306	5,353	5,406	3,483	3,517	3,507	3,505	3,500	3,547
	Earnings by Industry												
17	Farm	789	863	931	962	1,054	1,042	1,464	1,970	1,921	2,034	1,930	2,420
18	Nonfarm	57,409	58,614	59,305	59,847	60,529	61,077	30,750	31,383	31,708	31,880	32,174	32,659
19	Private	46,463	47,693	48,271	48,885	49,427	49,934	25,829	26,422	26,630	26,763	27,032	27,495
20	Agricultural services, forestry, fishing, and other [5]	362	374	391	387	394	411	253	263	260	262	273	284
21	Mining	616	635	629	645	625	621	160	164	162	161	160	161
22	Construction	3,493	3,651	3,747	3,755	3,760	3,784	1,849	1,934	1,969	1,982	1,846	1,894
23	Manufacturing	12,867	13,273	13,297	13,400	13,362	13,352	7,494	7,599	7,611	7,595	7,641	7,803
24	Durable goods	7,118	7,447	7,458	7,489	7,513	7,663	4,131	4,256	4,281	4,250	4,245	4,390
25	Nondurable goods	5,749	5,826	5,839	5,910	5,849	5,689	3,362	3,343	3,331	3,345	3,397	3,412
26	Transportation and public utilities	3,997	4,014	4,142	4,047	4,061	4,131	2,725	2,755	2,780	2,793	2,788	2,835
27	Wholesale trade	3,295	3,373	3,405	3,463	3,506	3,545	1,641	1,658	1,689	1,693	1,712	1,756
28	Retail trade	5,515	5,654	5,684	5,823	5,911	5,943	3,469	3,564	3,558	3,633	3,810	3,835
29	Finance, insurance, and real estate	3,201	3,321	3,376	3,358	3,415	3,513	1,482	1,563	1,590	1,602	1,598	1,646
30	Services	13,118	13,397	13,601	14,008	14,394	14,634	6,757	6,923	7,011	7,042	7,203	7,280
31	Government and government enterprises	10,946	10,921	11,034	10,963	11,102	11,143	4,921	4,960	5,077	5,118	5,142	5,164
32	Federal, civilian	2,633	2,593	2,553	2,518	2,571	2,566	885	886	887	899	936	927
33	Military	893	868	873	861	863	855	285	283	283	282	290	291
34	State and local	7,419	7,460	7,608	7,583	7,668	7,722	3,750	3,792	3,908	3,937	3,917	3,945

Line	Item	Louisiana						Mississippi					
		1996				1997		1996				1997	
		I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p
	Income by Place of Residence												
1	Personal income (lines 4-11)	83,917	85,273	86,111	86,892	88,472	89,159	46,721	47,627	48,188	48,402	49,258	49,795
2	Nonfarm personal income	83,375	84,617	85,377	86,257	87,836	88,471	46,004	46,775	47,274	47,516	48,353	48,811
3	Farm income (line 17)	542	656	734	635	635	687	718	852	913	886	905	985
	Derivation of Personal Income												
4	Earnings by place of work (lines 12-16 or 17-34)	56,918	58,100	58,654	59,228	60,130	60,498	31,416	32,101	32,416	32,405	32,898	33,250
5	Less: Personal contributions for social insurance [1]	3,682	3,747	3,778	3,816	3,885	3,893	2,341	2,379	2,399	2,395	2,440	2,453
6	Plus: Adjustment for residence [2]	–142	–147	–146	–150	–148	–143	1,023	1,045	1,064	1,087	1,111	1,128
7	Equals: Net earnings by place of residence	53,094	54,206	54,730	55,263	56,097	56,462	30,098	30,767	31,081	31,097	31,570	31,925
8	Plus: Dividends, interest, and rent [3]	12,666	12,732	12,925	13,026	13,279	13,434	6,034	6,079	6,191	6,253	6,375	6,453
9	Plus: Transfer payments	18,157	18,335	18,455	18,603	19,095	19,264	10,589	10,781	10,915	11,052	11,313	11,418
10	State unemployment insurance benefits	142	134	139	146	157	135	140	140	134	146	132	128
11	Transfers excluding State unemployment insurance benefits	18,015	18,201	18,317	18,456	18,938	19,128	10,449	10,642	10,782	10,906	11,181	11,290
	Earnings by Place of Work												
	Components of earnings:												
12	Wage and salary disbursements	45,040	46,002	46,489	47,109	47,899	48,152	24,613	25,129	25,416	25,464	25,904	26,136
13	Other labor income	5,204	5,253	5,256	5,258	5,287	5,281	2,977	3,003	2,996	2,960	2,967	2,975
14	Proprietors' income [4]	6,673	6,845	6,909	6,861	6,944	7,065	3,826	3,970	4,004	3,981	4,026	4,139
15	Farm proprietors' income	403	510	582	481	479	530	562	688	742	712	729	807
16	Nonfarm proprietors' income	6,270	6,335	6,327	6,380	6,465	6,536	3,264	3,282	3,262	3,269	3,298	3,333
	Earnings by Industry												
17	Farm	542	656	734	635	635	687	718	852	913	886	905	985
18	Nonfarm	56,376	57,443	57,921	58,593	59,495	59,810	30,699	31,249	31,502	31,519	31,993	32,265
19	Private	46,492	47,530	47,967	48,506	49,194	49,477	24,582	25,132	25,345	25,365	25,736	25,934
20	Agricultural services, forestry, fishing, and other [5]	311	320	318	329	330	342	214	230	231	231	265	275
21	Mining	2,662	2,755	2,730	2,736	2,980	2,850	235	247	251	247	260	271
22	Construction	4,077	4,246	4,223	4,231	4,234	4,275	1,868	1,893	1,886	1,894	1,863	1,881
23	Manufacturing	8,090	8,195	8,263	8,266	8,309	8,307	7,056	7,205	7,196	7,087	7,112	7,073
24	Durable goods	3,131	3,291	3,344	3,318	3,363	3,425	4,341	4,461	4,474	4,364	4,392	4,342
25	Nondurable goods	4,960	4,905	4,920	4,948	4,946	4,882	2,715	2,743	2,722	2,723	2,719	2,732
26	Transportation and public utilities	4,466	4,475	4,591	4,535	4,624	4,727	2,159	2,199	2,213	2,203	2,215	2,236
27	Wholesale trade	3,134	3,218	3,264	3,311	3,320	3,351	1,455	1,489	1,515	1,508	1,528	1,567
28	Retail trade	5,369	5,454	5,444	5,582	5,640	5,702	3,143	3,206	3,223	3,291	3,348	3,330
29	Finance, insurance, and real estate	2,947	3,080	3,113	3,180	3,087	3,166	1,413	1,464	1,461	1,474	1,436	1,482
30	Services	15,435	15,787	16,021	16,336	16,671	16,756	7,038	7,200	7,369	7,430	7,710	7,818
31	Government and government enterprises	9,884	9,913	9,954	10,087	10,300	10,333	6,117	6,117	6,157	6,154	6,257	6,332
32	Federal, civilian	1,505	1,514	1,530	1,546	1,613	1,594	1,110	1,091	1,082	1,083	1,128	1,120
33	Military	824	796	791	789	795	794	692	662	670	666	698	689
34	State and local	7,556	7,603	7,632	7,752	7,893	7,945	4,315	4,364	4,405	4,405	4,431	4,523

See footnotes at end of table.

and Earnings by Industry, 1996:I–1997:II—Continued

adjusted at annual rates]

Florida						Georgia						Kentucky						
1996				1997		1996				1997		1996				1997		Line
I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	
342,159	346,800	351,320	355,118	362,659	368,286	164,063	168,023	170,891	172,857	176,972	179,521	75,075	76,525	77,707	78,235	79,910	80,940	1
340,533	345,003	349,488	353,278	360,805	366,165	162,411	166,140	168,819	170,657	174,833	177,269	74,152	75,486	76,350	77,212	78,816	79,675	2
1,625	1,797	1,832	1,840	1,854	2,121	1,652	1,882	2,073	2,200	2,138	2,252	922	1,039	1,357	1,022	1,093	1,265	3
204,076	206,907	209,327	211,587	215,796	219,950	121,865	125,459	127,661	129,084	132,154	134,153	52,235	53,513	54,423	54,775	55,956	56,713	4
13,964	14,085	14,224	14,337	14,684	14,919	7,926	8,129	8,258	8,319	8,555	8,654	3,700	3,774	3,811	3,852	3,944	3,978	5
498	507	517	524	539	534	–170	–194	–206	–205	–225	–230	–315	–322	–320	–352	–370	–367	6
190,610	193,329	195,620	197,773	201,652	205,566	113,769	117,136	119,197	120,560	123,374	125,269	48,221	49,417	50,291	50,570	51,641	52,369	7
87,172	88,311	90,011	91,058	92,963	93,970	25,867	26,186	26,809	27,179	27,823	28,213	11,805	11,885	12,083	12,194	12,443	12,594	8
64,376	65,160	65,689	66,286	68,045	68,750	24,426	24,701	24,885	25,118	25,775	26,039	15,049	15,222	15,332	15,470	15,826	15,977	9
701	683	679	707	759	788	284	277	280	307	302	306	246	237	222	234	236	248	10
63,676	64,477	65,010	65,579	67,286	67,962	24,142	24,424	24,605	24,811	25,472	25,734	14,803	14,985	15,110	15,236	15,589	15,729	11
166,197	168,762	171,304	173,518	177,439	180,891	98,286	101,312	103,310	104,489	107,290	108,905	41,635	42,684	43,264	43,911	44,885	45,423	12
19,285	19,206	19,123	19,064	19,226	19,467	11,013	11,201	11,276	11,271	11,417	11,522	5,207	5,277	5,284	5,300	5,356	5,378	13
18,595	18,938	18,900	19,005	19,131	19,592	12,567	12,945	13,075	13,324	13,446	13,725	5,393	5,553	5,875	5,563	5,715	5,912	14
740	919	965	988	992	1,249	1,426	1,658	1,851	1,982	1,918	2,028	727	843	1,160	827	896	1,065	15
17,854	18,019	17,935	18,017	18,138	18,343	11,141	11,287	11,224	11,343	11,529	11,697	4,666	4,709	4,714	4,736	4,819	4,847	16
1,625	1,797	1,832	1,840	1,854	2,121	1,652	1,882	2,073	2,200	2,138	2,252	922	1,039	1,357	1,022	1,093	1,265	17
202,451	205,109	207,495	209,747	213,941	217,830	120,214	123,576	125,589	126,884	130,015	131,901	51,313	52,474	53,066	53,752	54,862	55,448	18
169,752	173,338	175,026	177,265	179,745	183,327	101,496	104,641	106,414	107,567	110,387	112,214	42,536	43,558	44,091	44,639	45,577	46,132	19
2,116	2,204	2,247	2,195	2,271	2,350	669	704	722	723	774	811	353	364	373	373	379	392	20
365	358	377	495	330	341	341	358	351	351	332	340	1,345	1,357	1,345	1,346	1,302	1,303	21
12,465	12,593	12,727	12,837	12,626	12,775	7,083	7,322	7,040	7,199	7,235	7,254	2,986	3,082	3,175	3,191	3,362	3,317	22
18,682	19,016	18,866	19,023	19,003	19,053	20,303	21,037	21,377	21,682	21,889	21,988	11,779	12,024	12,040	12,223	12,427	12,434	23
11,886	12,027	11,906	11,975	11,960	12,066	9,256	9,660	9,790	9,922	9,889	10,040	7,145	7,279	7,346	7,415	7,673	7,649	24
6,796	6,989	6,960	7,048	7,043	6,987	11,047	11,377	11,587	11,760	12,000	11,948	4,634	4,745	4,694	4,808	4,755	4,785	25
13,782	14,057	14,074	13,895	14,207	14,479	11,856	11,937	12,200	12,080	12,348	12,683	3,797	3,938	4,017	3,988	4,065	4,150	26
13,460	14,021	13,880	14,325	14,448	14,725	10,390	10,604	10,790	10,996	11,531	11,755	2,752	2,798	2,869	2,924	2,948	3,017	27
24,045	24,287	24,541	24,988	25,505	25,851	11,475	11,782	12,050	12,207	12,353	12,465	5,282	5,394	5,448	5,534	5,726	5,828	28
17,860	18,647	18,835	19,071	18,576	19,205	8,539	8,876	9,055	9,195	9,300	9,674	2,596	2,701	2,692	2,703	2,750	2,835	29
66,977	68,156	69,480	70,436	72,780	74,548	30,840	32,020	32,830	33,134	34,625	35,243	11,646	11,899	12,132	12,357	12,617	12,857	30
32,698	31,771	32,469	32,482	34,197	34,502	18,718	18,936	19,175	19,317	19,628	19,687	8,777	8,917	8,974	9,113	9,285	9,316	31
5,298	5,361	5,351	5,394	5,512	5,536	3,983	4,008	4,009	4,040	4,161	4,147	1,564	1,574	1,541	1,578	1,567	1,535	32
2,971	2,965	2,955	2,980	3,137	3,193	2,171	2,202	2,224	2,249	2,310	2,284	1,101	1,117	1,127	1,147	1,154	1,138	33
24,430	23,445	24,162	24,109	25,548	25,772	12,564	12,726	12,942	13,028	13,157	13,256	6,112	6,225	6,306	6,388	6,564	6,644	34

North Carolina						South Carolina						Tennessee						
1996				1997		1996				1997		1996				1997		Line
I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	
158,014	161,859	163,920	166,616	170,636	172,915	72,080	73,495	74,607	75,377	76,822	77,859	114,441	116,169	117,626	118,806	121,399	122,963	1
155,376	158,889	160,815	163,449	167,322	169,267	71,688	73,077	74,165	74,929	76,358	77,390	114,140	115,854	117,311	118,492	121,088	122,617	2
2,638	2,970	3,105	3,167	3,314	3,648	392	418	442	447	464	469	301	315	315	314	310	345	3
115,823	119,308	120,679	122,959	125,835	127,486	50,387	51,548	52,350	52,862	53,736	54,531	83,927	85,502	86,681	87,604	89,454	90,640	4
8,151	8,352	8,425	8,563	8,787	8,857	3,639	3,712	3,766	3,795	3,868	3,916	5,446	5,537	5,614	5,664	5,801	5,856	5
–786	–822	–829	–854	–875	–882	689	716	724	743	769	771	–1,035	–1,052	–1,078	–1,087	–1,125	–1,153	6
106,886	110,134	111,424	113,542	116,173	117,747	47,438	48,552	49,308	49,810	50,638	51,386	77,445	78,913	79,990	80,854	82,527	83,630	7
24,592	24,834	25,377	25,690	26,320	26,702	10,983	11,056	11,248	11,359	11,623	11,776	16,259	16,353	16,655	16,823	17,190	17,423	8
26,537	26,890	27,118	27,385	28,143	28,466	13,659	13,887	14,051	14,208	14,562	14,697	20,737	20,903	20,981	21,130	21,681	21,910	9
421	405	385	391	386	409	210	204	200	203	196	189	336	332	314	326	337	352	10
26,116	26,485	26,734	26,994	27,756	28,057	13,449	13,683	13,851	14,005	14,366	14,508	20,401	20,571	20,667	20,804	21,344	21,558	11
93,046	95,811	97,007	98,989	101,421	102,582	41,506	42,530	43,276	43,772	44,550	45,251	65,902	67,281	68,406	69,261	70,833	71,750	12
10,499	10,690	10,716	10,811	10,944	11,000	4,804	4,876	4,918	4,918	4,935	4,984	7,958	8,033	8,087	8,088	8,171	8,240	13
12,278	12,806	12,956	13,160	13,471	13,905	4,077	4,141	4,156	4,171	4,251	4,295	10,067	10,188	10,188	10,256	10,450	10,650	14
2,264	2,595	2,730	2,793	2,936	3,265	292	319	344	351	366	370	168	181	181	180	175	208	15
10,014	10,211	10,226	10,367	10,535	10,640	3,785	3,822	3,813	3,820	3,885	3,925	9,899	10,007	10,007	10,076	10,275	10,441	16
2,638	2,970	3,105	3,167	3,314	3,648	392	418	442	447	464	469	301	315	315	314	310	345	17
113,185	116,338	117,574	119,792	122,521	123,838	49,996	51,130	51,909	52,414	53,273	54,062	83,626	85,188	86,367	87,290	89,143	90,295	18
94,178	97,041	98,186	100,044	102,252	103,374	40,778	41,820	42,407	42,873	43,649	44,438	72,266	73,699	74,752	75,555	77,243	78,268	19
661	696	711	729	768	801	309	314	323	331	329	341	402	414	424	418	433	452	20
174	180	179	185	189	194	75	77	78	77	76	77	266	275	275	286	280	283	21
7,155	7,567	7,666	7,997	8,156	8,117	3,412	3,575	3,689	3,738	3,876	3,923	5,068	5,207	5,312	5,420	5,455	5,526	22
28,899	29,568	29,585	29,774	30,465	30,546	12,882	13,036	13,130	13,153	13,154	13,259	19,151	19,248	19,505	19,460	19,479	19,895	23
13,900	14,304	14,352	14,369	15,010	15,214	5,284	5,391	5,430	5,419	5,477	5,551	10,842	11,041	11,274	11,130	11,377	11,618	24
14,999	15,264	15,233	15,405	15,456	15,331	7,597	7,645	7,699	7,734	7,678	7,709	8,309	8,207	8,231	8,330	8,102	8,276	25
7,439	7,462	7,644	7,628	7,685	7,865	2,855	2,917	2,997	2,976	2,939	3,022	6,088	6,285	6,380	6,331	6,618	6,693	26
6,954	7,106	7,196	7,274	7,575	7,700	2,450	2,505	2,541	2,576	2,676	2,717	5,367	5,464	5,571	5,600	5,718	5,768	27
11,070	11,356	11,440	11,699	12,020	12,043	5,525	5,640	5,661	5,774	5,967	6,067	8,849	9,015	9,116	9,243	9,555	9,578	28
7,006	7,274	7,479	7,683	7,743	7,955	2,602	2,735	2,780	2,828	2,737	2,829	4,862	5,120	5,218	5,366	5,306	5,447	29
24,820	25,831	26,286	27,076	27,651	28,154	10,669	11,022	11,208	11,420	11,895	12,202	22,212	22,672	22,953	23,432	24,400	24,626	30
19,007	19,297	19,388	19,748	20,269	20,465	9,218	9,310	9,501	9,542	9,623	9,624	11,359	11,488	11,614	11,735	11,900	12,026	31
2,539	2,580	2,605	2,621	2,704	2,706	1,182	1,162	1,161	1,159	1,186	1,185	2,582	2,601	2,597	2,606	2,726	2,723	32
3,015	3,087	3,112	3,105	3,222	3,238	1,156	1,169	1,207	1,212	1,200	1,166	413	397	388	340	268	265	33
13,453	13,629	13,671	14,022	14,343	14,521	6,880	6,978	7,133	7,171	7,238	7,273	8,364	8,491	8,630	8,790	8,906	9,038	34

Table 2.—Personal Income by Major Source

[Millions of dollars, seasonally

Line	Item	Virginia						West Virginia					
		1996				1997		1996				1997	
		I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p
	Income by Place of Residence												
1	Personal income (lines 4-11)	165,259	167,219	169,444	171,277	175,261	176,702	32,659	32,976	33,381	33,603	33,867	34,209
2	Nonfarm personal income	164,818	166,747	168,949	170,768	174,751	176,151	32,681	32,993	33,391	33,612	33,874	34,211
3	Farm income (line 17)	441	472	494	510	510	551	–21	–16	–10	–10	–7	–2
	Derivation of Personal Income												
4	Earnings by place of work (lines 12-16 or 17-34)	112,298	114,406	115,941	117,385	120,414	121,349	20,637	20,818	21,121	21,213	21,176	21,401
5	Less: Personal contributions for social insurance [1]	7,521	7,638	7,731	7,810	8,041	8,080	1,555	1,563	1,582	1,584	1,584	1,597
6	Plus: Adjustment for residence [2]	5,895	5,427	5,607	5,652	5,606	5,560	148	172	171	189	233	229
7	Equals: Net earnings by place of residence	110,672	112,195	113,817	115,227	117,978	118,829	19,230	19,428	19,710	19,818	19,825	20,034
8	Plus: Dividends, interest, and rent [3]	30,899	31,065	31,478	31,698	32,345	32,696	5,046	5,080	5,148	5,190	5,281	5,329
9	Plus: Transfer payments	23,688	23,959	24,148	24,353	24,938	25,177	8,384	8,469	8,524	8,595	8,761	8,846
10	State unemployment insurance benefits	204	183	174	174	177	185	168	157	145	151	147	165
11	Transfers excluding State unemployment insurance benefits	23,483	23,776	23,974	24,179	24,761	24,992	8,216	8,312	8,379	8,444	8,614	8,681
	Earnings by Place of Work												
	Components of earnings:												
12	Wage and salary disbursements	94,046	95,974	97,494	98,883	101,655	102,484	16,585	16,756	17,041	17,136	17,105	17,300
13	Other labor income	9,823	9,915	9,971	10,017	10,163	10,186	1,994	1,991	2,007	1,991	1,948	1,958
14	Proprietors' income [4]	8,428	8,517	8,475	8,485	8,596	8,680	2,058	2,070	2,073	2,086	2,122	2,144
15	Farm proprietors' income	259	289	312	328	326	365	–47	–42	–36	–36	–34	–28
16	Nonfarm proprietors' income	8,169	8,227	8,164	8,157	8,270	8,315	2,106	2,113	2,109	2,122	2,156	2,173
	Earnings by Industry												
17	Farm	441	472	494	510	510	551	–21	–16	–10	–10	–7	–2
18	Nonfarm	111,857	113,934	115,447	116,875	119,904	120,798	20,658	20,834	21,131	21,223	21,183	21,403
19	Private	85,964	87,979	89,303	90,699	93,153	94,186	16,775	16,922	17,158	17,207	17,153	17,385
20	Agricultural services, forestry, fishing, and other [5]	591	609	634	637	655	681	72	77	78	77	80	83
21	Mining	630	635	618	657	625	647	1,545	1,581	1,573	1,544	1,431	1,456
22	Construction	6,682	6,909	7,044	7,179	7,614	7,561	1,258	1,293	1,342	1,391	1,439	1,422
23	Manufacturing	15,160	15,458	15,520	15,742	15,919	15,862	3,423	3,336	3,410	3,331	3,184	3,218
24	Durable goods	7,691	7,915	7,998	8,114	7,956	7,873	1,926	1,877	1,941	1,860	1,770	1,794
25	Nondurable goods	7,470	7,543	7,523	7,628	7,963	7,989	1,497	1,458	1,469	1,471	1,415	1,425
26	Transportation and public utilities	7,629	7,476	7,696	7,754	7,722	7,893	1,683	1,709	1,698	1,683	1,677	1,712
27	Wholesale trade	6,106	6,238	6,337	6,456	6,641	6,764	972	999	1,016	1,027	1,059	1,094
28	Retail trade	9,813	10,019	10,141	10,376	10,571	10,616	1,969	2,001	2,017	2,058	2,107	2,136
29	Finance, insurance, and real estate	7,506	7,899	7,901	7,914	8,105	8,361	813	845	854	863	837	863
30	Services	31,847	32,737	33,412	33,985	35,302	35,801	5,038	5,082	5,169	5,233	5,339	5,401
31	Government and government enterprises	25,892	25,955	26,144	26,177	26,751	26,612	3,883	3,912	3,973	4,016	4,030	4,018
32	Federal, civilian	8,239	8,264	8,242	8,257	8,525	8,441	839	843	854	870	902	952
33	Military	5,603	5,577	5,558	5,508	5,619	5,559	94	93	94	93	97	96
34	State and local	12,050	12,114	12,344	12,412	12,607	12,613	2,950	2,976	3,026	3,053	3,031	2,970

Line	Item	Oklahoma						Texas					
		1996				1997		1996				1997	
		I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p
	Income by Place of Residence												
1	Personal income (lines 4-11)	63,239	64,273	65,003	65,541	66,982	67,304	415,838	423,301	430,334	435,376	445,917	451,724
2	Nonfarm personal income	62,873	63,916	64,644	65,184	66,620	66,921	413,896	421,312	428,349	433,397	443,963	449,682
3	Farm income (line 17)	366	357	359	356	363	383	1,943	1,988	1,984	1,979	1,954	2,042
	Derivation of Personal Income												
4	Earnings by place of work (lines 12-16 or 17-34)	42,479	43,251	43,615	43,856	44,873	44,925	310,744	316,987	322,488	326,378	334,289	338,796
5	Less: Personal contributions for social insurance [1]	3,008	3,056	3,078	3,088	3,174	3,166	19,564	19,912	20,278	20,475	21,081	21,300
6	Plus: Adjustment for residence [2]	715	731	742	750	761	777	–813	–833	–865	–881	–919	–938
7	Equals: Net earnings by place of residence	40,186	40,927	41,279	41,519	42,460	42,536	290,367	296,242	301,345	305,021	312,288	316,557
8	Plus: Dividends, interest, and rent [3]	10,157	10,330	10,613	10,801	10,996	11,121	62,691	63,491	64,901	65,701	67,089	67,935
9	Plus: Transfer payments	12,896	13,016	13,111	13,222	13,526	13,646	62,780	63,568	64,088	64,653	66,540	67,232
10	State unemployment insurance benefits	127	106	108	117	112	110	1,042	1,009	987	967	1,087	1,080
11	Transfers excluding State unemployment insurance benefits	12,769	12,910	13,003	13,105	13,414	13,536	61,739	62,558	63,101	63,686	65,453	66,152
	Earnings by Place of Work												
	Components of earnings:												
12	Wage and salary disbursements	32,645	33,359	33,759	34,020	34,916	34,946	235,129	240,332	245,501	248,797	255,766	259,305
13	Other labor income	3,953	3,992	3,988	3,966	4,040	3,999	25,444	25,660	25,910	25,936	26,367	26,549
14	Proprietors' income [4]	5,881	5,900	5,868	5,871	5,916	5,980	50,172	50,995	51,077	51,644	52,156	52,942
15	Farm proprietors' income	210	207	214	215	219	238	1,156	1,231	1,253	1,265	1,232	1,312
16	Nonfarm proprietors' income	5,671	5,693	5,654	5,656	5,697	5,742	49,016	49,764	49,824	50,379	50,924	51,630
	Earnings by Industry												
17	Farm	366	357	359	356	363	383	1,943	1,988	1,984	1,979	1,954	2,042
18	Nonfarm	42,113	42,894	43,256	43,500	44,510	44,542	308,802	314,999	320,504	324,399	332,334	336,753
19	Private	33,754	34,510	34,730	34,984	35,892	35,842	263,010	268,596	273,454	277,302	284,514	288,677
20	Agricultural services, forestry, fishing, and other [5]	245	248	249	245	260	269	1,826	1,863	1,884	1,901	1,927	2,003
21	Mining	2,087	2,132	1,990	2,039	2,092	2,136	13,104	13,204	13,238	13,333	14,186	14,533
22	Construction	2,160	2,146	2,122	2,146	2,159	2,156	19,194	19,776	19,971	20,344	19,867	20,331
23	Manufacturing	6,726	7,026	7,143	7,109	7,416	7,156	52,297	52,500	53,488	53,880	54,443	55,667
24	Durable goods	4,303	4,588	4,651	4,583	4,781	4,443	28,281	28,216	28,979	29,224	29,492	30,451
25	Nondurable goods	2,423	2,438	2,492	2,526	2,635	2,713	24,016	24,284	24,509	24,656	24,951	25,216
26	Transportation and public utilities	3,612	3,627	3,576	3,530	3,739	3,628	27,309	27,842	28,065	28,128	29,678	28,819
27	Wholesale trade	2,157	2,220	2,224	2,252	2,267	2,303	20,512	21,018	21,405	21,823	22,440	22,795
28	Retail trade	4,279	4,347	4,404	4,478	4,534	4,539	28,752	29,362	29,644	30,284	30,742	31,041
29	Finance, insurance, and real estate	2,243	2,282	2,330	2,320	2,301	2,374	20,977	21,966	22,052	22,024	22,313	22,990
30	Services	10,246	10,483	10,692	10,864	11,125	11,280	79,038	81,065	83,707	85,585	88,918	90,498
31	Government and government enterprises	8,359	8,384	8,525	8,517	8,619	8,700	45,792	46,403	47,050	47,097	47,820	48,076
32	Federal, civilian	1,921	1,944	1,949	1,982	2,043	2,059	8,061	8,101	8,108	8,095	8,404	8,410
33	Military	990	995	991	974	967	964	4,091	4,109	4,098	4,100	4,196	4,190
34	State and local	5,448	5,445	5,585	5,560	5,608	5,678	33,640	34,193	34,844	34,902	35,219	35,476

See footnotes at end of table.

and Earnings by Industry, 1996:I–1997:II—Continued

adjusted at annual rates]

Southwest						Arizona						New Mexico						Line
1996				1997		1996				1997		1996				1997		
I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	
603,099	613,576	623,327	630,151	645,319	653,841	92,200	93,851	95,623	96,709	99,120	101,217	31,823	32,152	32,367	32,526	33,300	33,596	1
599,858	610,204	619,858	626,743	641,886	650,142	91,583	93,172	94,873	96,005	98,393	100,384	31,507	31,804	31,992	32,156	32,911	33,155	2
3,241	3,372	3,468	3,409	3,433	3,699	617	678	750	704	727	833	316	348	375	369	389	440	3
438,507	446,939	454,102	458,976	470,055	476,520	63,392	64,625	65,881	66,599	68,235	69,981	21,892	22,076	22,118	22,143	22,659	22,819	4
28,610	29,077	29,542	29,789	30,652	30,970	4,436	4,496	4,569	4,606	4,735	4,839	1,601	1,613	1,616	1,619	1,662	1,665	5
215	223	213	216	193	197	239	246	249	256	258	258	74	79	87	91	93	99	6
410,112	418,086	424,773	429,404	439,596	445,747	59,195	60,376	61,560	62,249	63,758	65,400	20,365	20,541	20,589	20,615	21,090	21,253	7
94,927	96,183	98,404	99,690	101,849	103,170	16,945	17,185	17,623	17,868	18,328	18,613	5,134	5,178	5,267	5,320	5,436	5,500	8
98,060	99,307	100,150	101,058	103,873	104,925	16,060	16,290	16,439	16,592	17,034	17,204	6,324	6,432	6,511	6,591	6,773	6,842	9
1,416	1,364	1,338	1,329	1,446	1,430	170	174	168	164	166	162	77	75	75	81	81	78	10
96,644	97,942	98,812	99,729	102,427	103,495	15,890	16,116	16,271	16,429	16,868	17,042	6,247	6,357	6,436	6,510	6,692	6,764	11
336,629	343,774	350,542	354,878	364,625	369,699	51,305	52,370	53,512	54,223	55,657	57,068	17,550	17,713	17,770	17,840	18,286	18,380	12
36,931	37,195	37,465	37,440	38,060	38,315	5,576	5,593	5,635	5,625	5,708	5,828	1,958	1,950	1,933	1,913	1,945	1,939	13
64,947	65,970	66,095	66,658	67,370	68,506	6,510	6,663	6,734	6,752	6,870	7,085	2,384	2,412	2,416	2,391	2,428	2,499	14
1,920	2,085	2,213	2,171	2,181	2,431	380	441	512	464	485	588	175	207	234	227	244	294	15
63,027	63,885	63,882	64,486	65,189	66,075	6,130	6,222	6,222	6,288	6,385	6,497	2,209	2,206	2,182	2,164	2,183	2,205	16
3,241	3,372	3,468	3,409	3,433	3,699	617	678	750	704	727	833	316	348	375	369	389	440	17
435,266	443,568	450,634	455,567	466,622	472,821	62,775	63,947	65,131	65,895	67,508	69,148	21,577	21,728	21,743	21,773	22,270	22,378	18
365,392	373,168	379,245	384,168	393,954	399,563	52,635	53,908	54,915	55,693	56,955	58,386	15,993	16,153	16,145	16,190	16,592	16,658	19
2,805	2,874	2,910	2,926	2,967	3,088	583	611	626	625	619	647	152	153	150	155	161	168	20
16,947	16,897	16,731	16,831	17,695	18,115	1,014	801	728	701	651	668	742	761	775	757	766	779	21
27,650	28,190	28,394	28,909	28,359	28,973	4,677	4,680	4,751	4,895	4,843	5,003	1,619	1,587	1,549	1,523	1,490	1,483	22
69,425	70,216	71,382	71,725	73,068	74,305	8,684	8,942	9,029	9,040	9,354	9,676	1,718	1,748	1,722	1,697	1,854	1,805	23
40,807	41,228	42,066	42,217	43,226	44,100	6,982	7,174	7,213	7,225	7,573	7,866	1,242	1,250	1,222	1,186	1,380	1,339	24
28,618	28,987	29,316	29,508	29,842	30,205	1,702	1,768	1,815	1,815	1,781	1,809	476	497	500	511	474	466	25
35,948	36,586	36,960	36,896	38,855	37,926	3,731	3,812	3,997	3,933	4,056	4,138	1,295	1,306	1,322	1,305	1,382	1,342	26
27,392	28,100	28,648	29,198	29,943	30,454	3,833	3,963	4,124	4,210	4,290	4,396	890	899	895	913	946	959	27
42,432	43,357	43,702	44,697	45,378	45,779	6,985	7,194	7,188	7,433	7,549	7,614	2,416	2,455	2,466	2,503	2,553	2,584	28
29,682	30,971	31,190	31,178	31,382	32,375	5,357	5,600	5,674	5,717	5,667	5,886	1,105	1,123	1,133	1,116	1,100	1,124	29
113,111	115,977	119,329	121,809	126,308	128,550	17,771	18,306	18,799	19,138	19,925	20,360	6,056	6,123	6,131	6,222	6,339	6,413	30
69,874	70,400	71,389	71,399	72,669	73,258	10,140	10,039	10,216	10,202	10,552	10,761	5,584	5,575	5,598	5,584	5,678	5,720	31
13,222	13,245	13,222	13,249	13,712	13,708	1,895	1,857	1,855	1,858	1,909	1,910	1,346	1,344	1,310	1,315	1,355	1,329	32
6,432	6,459	6,427	6,407	6,530	6,505	789	798	799	798	826	822	562	556	539	534	539	530	33
50,219	50,696	51,740	51,744	52,427	53,045	7,456	7,383	7,562	7,546	7,817	8,030	3,675	3,675	3,750	3,735	3,783	3,861	34

Rocky Mountain						Colorado						Idaho						Line
1996				1997		1996				1997		1996				1997		
I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	
183,459	187,084	190,154	192,566	196,424	198,677	95,749	97,514	99,191	100,578	102,492	103,657	23,112	23,581	23,795	23,877	24,354	24,732	1
181,707	185,184	188,195	190,582	194,514	196,609	95,148	96,880	98,520	99,909	101,839	102,938	22,416	22,796	22,999	23,084	23,620	23,944	2
1,753	1,900	1,959	1,984	1,910	2,068	601	634	671	668	653	719	696	784	796	794	734	788	3
132,542	135,748	138,151	140,050	142,605	144,189	69,743	71,297	72,630	73,792	75,005	75,819	16,372	16,765	16,875	16,843	17,150	17,439	4
8,859	9,046	9,206	9,314	9,514	9,581	4,490	4,579	4,666	4,737	4,828	4,859	1,134	1,155	1,164	1,161	1,191	1,202	5
249	255	259	267	276	283	66	65	63	61	65	66	206	215	225	235	244	248	6
123,932	126,956	129,205	131,003	133,367	134,891	65,319	66,783	68,027	69,117	70,242	71,026	15,444	15,826	15,936	15,917	16,203	16,484	7
32,899	33,271	33,982	34,390	35,209	35,692	17,777	18,015	18,439	18,679	19,132	19,403	3,999	4,028	4,102	4,144	4,240	4,298	8
26,628	26,857	26,967	27,173	27,848	28,093	12,652	12,716	12,725	12,782	13,117	13,227	3,668	3,727	3,757	3,817	3,911	3,950	9
465	467	442	471	483	466	185	190	179	177	187	169	112	110	98	118	114	115	10
26,163	26,390	26,525	26,702	27,365	27,627	12,468	12,526	12,546	12,605	12,930	13,059	3,556	3,617	3,659	3,699	3,796	3,835	11
103,942	106,696	109,009	110,780	113,045	114,210	55,189	56,580	57,868	58,989	60,034	60,627	12,066	12,319	12,433	12,438	12,741	12,901	12
11,329	11,482	11,593	11,625	11,730	11,776	5,772	5,844	5,913	5,949	5,991	6,016	1,364	1,383	1,377	1,362	1,381	1,390	13
17,271	17,570	17,549	17,645	17,830	18,203	8,782	8,873	8,849	8,854	8,980	9,176	2,941	3,064	3,065	3,043	3,027	3,148	14
896	1,043	1,100	1,119	1,035	1,182	342	373	410	405	386	449	396	484	495	491	428	478	15
16,374	16,527	16,449	16,526	16,795	17,021	8,440	8,500	8,440	8,449	8,594	8,727	2,546	2,579	2,570	2,552	2,600	2,671	16
1,753	1,900	1,959	1,984	1,910	2,068	601	634	671	668	653	719	696	784	796	794	734	788	17
130,790	133,848	136,193	138,066	140,695	142,121	69,141	70,664	71,959	73,124	74,353	75,100	15,676	15,981	16,079	16,049	16,416	16,652	18
108,435	111,232	113,414	115,070	117,422	118,783	58,160	59,611	60,810	61,895	62,963	63,703	13,018	13,244	13,370	13,292	13,611	13,838	19
930	961	986	994	1,012	1,058	446	466	475	479	496	521	218	220	229	231	234	243	20
3,243	3,233	3,175	3,156	3,340	3,227	1,363	1,322	1,274	1,250	1,408	1,276	165	170	169	177	169	170	21
10,010	10,295	10,455	10,653	10,909	10,891	4,992	5,181	5,256	5,271	5,396	5,484	1,422	1,462	1,479	1,441	1,450	1,539	22
16,968	17,488	17,688	17,559	17,902	18,109	8,390	8,611	8,780	8,741	8,934	9,137	2,997	3,073	2,987	2,904	3,081	3,077	23
11,560	11,954	12,060	11,965	12,216	12,393	5,655	5,836	5,928	5,924	6,103	6,316	2,091	2,160	2,066	1,999	2,132	2,138	24
5,408	5,534	5,628	5,594	5,685	5,715	2,735	2,775	2,852	2,817	2,830	2,820	906	913	921	906	949	940	25
11,643	11,759	11,989	11,936	12,270	12,408	6,876	6,857	6,969	6,945	7,042	7,095	1,076	1,089	1,100	1,090	1,117	1,137	26
7,451	7,627	7,869	8,051	8,073	8,162	4,109	4,204	4,347	4,459	4,539	4,562	881	894	928	936	936	961	27
13,631	14,100	14,275	14,545	14,835	15,001	6,840	7,003	7,161	7,279	7,453	7,543	1,726	1,762	1,782	1,804	1,839	1,839	28
9,075	9,487	9,621	9,877	9,659	9,928	5,282	5,567	5,658	5,878	5,680	5,837	842	874	861	836	802	822	29
35,484	36,282	37,355	38,299	39,422	39,999	19,862	20,399	20,891	21,593	22,015	22,249	3,691	3,701	3,835	3,874	3,982	4,049	30
22,354	22,616	22,778	22,996	23,273	23,338	10,981	11,052	11,150	11,229	11,390	11,398	2,659	2,737	2,709	2,757	2,806	2,814	31
5,131	5,129	5,058	5,041	5,221	5,175	2,492	2,481	2,455	2,444	2,521	2,491	520	519	516	518	542	537	32
1,857	1,857	1,826	1,813	1,834	1,815	1,123	1,131	1,104	1,098	1,101	1,083	160	160	168	170	180	182	33
15,366	15,631	15,894	16,142	16,218	16,347	7,366	7,440	7,591	7,687	7,768	7,823	1,979	2,058	2,026	2,069	2,084	2,095	34

Table 2.—Personal Income by Major Source

[Millions of dollars, seasonally

Line	Item	Montana						Utah					
		1996				1997		1996				1997	
		I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p
	Income by Place of Residence												
1	Personal income (lines 4-11)	16,566	16,788	17,017	17,213	17,292	17,533	37,856	38,848	39,697	40,397	41,505	41,915
2	Nonfarm personal income	16,334	16,548	16,773	16,947	17,023	17,241	37,685	38,670	39,508	40,210	41,321	41,718
3	Farm income (line 17)	232	240	244	267	269	292	171	178	189	187	184	197
	Derivation of Personal Income												
4	Earnings by place of work (lines 12-16 or 17-34)	10,570	10,754	10,929	11,074	10,999	11,184	29,100	30,016	30,737	31,348	32,248	32,534
5	Less: Personal contributions for social insurance [1]	848	859	873	878	874	885	1,916	1,971	2,017	2,053	2,118	2,133
6	Plus: Adjustment for residence [2]	–9	–9	–10	–10	–9	–9	3	1	–1	–2	–3	–2
7	Equals: Net earnings by place of residence	9,713	9,885	10,046	10,186	10,116	10,290	27,187	28,046	28,719	29,293	30,126	30,399
8	Plus: Dividends, interest, and rent [3]	3,511	3,541	3,596	3,631	3,706	3,746	5,319	5,392	5,528	5,606	5,744	5,828
9	Plus: Transfer payments	3,342	3,363	3,374	3,397	3,470	3,497	5,349	5,409	5,450	5,498	5,635	5,687
10	State unemployment insurance benefits	64	64	65	70	72	70	72	70	68	72	79	81
11	Transfers excluding State unemployment insurance benefits	3,278	3,298	3,310	3,327	3,399	3,427	5,277	5,340	5,382	5,426	5,556	5,607
	Earnings by Place of Work												
	Components of earnings:												
12	Wage and salary disbursements	7,920	8,071	8,234	8,323	8,274	8,401	23,498	24,324	25,002	25,554	26,328	26,606
13	Other labor income	930	933	939	937	920	928	2,709	2,757	2,796	2,814	2,858	2,866
14	Proprietors' income [4]	1,720	1,750	1,756	1,815	1,805	1,855	2,893	2,935	2,940	2,980	3,062	3,062
15	Farm proprietors' income	95	103	107	129	130	151	82	88	100	97	93	104
16	Nonfarm proprietors' income	1,625	1,647	1,650	1,686	1,676	1,704	2,811	2,846	2,840	2,883	2,969	2,957
	Earnings by Industry												
17	Farm	232	240	244	267	269	292	171	178	189	187	184	197
18	Nonfarm	10,338	10,514	10,686	10,808	10,730	10,892	28,929	29,838	30,548	31,161	32,064	32,337
19	Private	8,189	8,351	8,496	8,590	8,567	8,732	23,965	24,778	25,439	25,983	26,770	27,000
20	Agricultural services, forestry, fishing, and other [5]	100	101	104	104	106	110	113	118	122	127	119	126
21	Mining	287	282	302	287	285	283	412	430	412	417	416	421
22	Construction	770	792	796	876	784	815	2,312	2,337	2,379	2,504	2,748	2,538
23	Manufacturing	801	841	853	839	828	844	4,397	4,569	4,673	4,684	4,666	4,660
24	Durable goods	505	535	545	534	520	531	3,157	3,262	3,356	3,350	3,304	3,254
25	Nondurable goods	296	305	308	305	309	313	1,240	1,307	1,317	1,334	1,362	1,407
26	Transportation and public utilities	912	911	915	910	964	959	2,158	2,223	2,327	2,331	2,366	2,444
27	Wholesale trade	555	569	581	589	570	579	1,678	1,726	1,772	1,825	1,782	1,813
28	Retail trade	1,327	1,349	1,369	1,373	1,381	1,397	3,037	3,274	3,248	3,355	3,426	3,485
29	Finance, insurance, and real estate	580	601	608	616	583	606	2,066	2,133	2,170	2,232	2,246	2,318
30	Services	2,855	2,906	2,968	2,996	3,068	3,139	7,792	7,968	8,337	8,508	9,001	9,194
31	Government and government enterprises	2,150	2,163	2,189	2,217	2,163	2,161	4,964	5,060	5,109	5,178	5,294	5,337
32	Federal, civilian	524	536	524	524	549	543	1,300	1,299	1,276	1,273	1,315	1,309
33	Military	172	167	160	153	152	151	263	261	259	260	266	263
34	State and local	1,454	1,460	1,505	1,540	1,462	1,466	3,401	3,501	3,574	3,645	3,712	3,765

Line	Item	California						Hawaii					
		1996				1997		1996				1997	
		I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p
	Income by Place of Residence												
1	Personal income (lines 4-11)	790,291	803,573	812,716	825,321	839,867	851,850	29,902	30,067	30,150	30,169	30,549	30,694
2	Nonfarm personal income	783,583	796,296	804,963	817,380	832,138	843,382	29,718	29,884	29,966	29,984	30,362	30,505
3	Farm income (line 17)	6,708	7,276	7,753	7,941	7,729	8,468	183	183	183	185	187	189
	Derivation of Personal Income												
4	Earnings by place of work (lines 12-16 or 17-34)	556,568	567,684	573,291	583,771	593,402	603,120	21,102	21,276	21,309	21,285	21,465	21,496
5	Less: Personal contributions for social insurance [1]	38,048	38,619	38,892	39,506	40,288	40,816	1,360	1,368	1,370	1,366	1,382	1,380
6	Plus: Adjustment for residence [2]	–709	–729	–723	–753	–763	–777	0	0	0	0	0	0
7	Equals: Net earnings by place of residence	517,811	528,335	533,676	543,512	552,351	561,527	19,742	19,908	19,938	19,919	20,083	20,116
8	Plus: Dividends, interest, and rent [3]	148,811	150,051	152,873	154,353	157,259	159,046	5,298	5,287	5,339	5,361	5,464	5,525
9	Plus: Transfer payments	123,669	125,186	126,167	127,456	130,256	131,277	4,862	4,872	4,872	4,889	5,002	5,052
10	State unemployment insurance benefits	3,106	2,959	2,770	2,939	2,903	2,801	185	176	171	168	163	167
11	Transfers excluding State unemployment insurance benefits	120,564	122,227	123,398	124,517	127,353	128,476	4,677	4,696	4,701	4,721	4,839	4,886
	Earnings by Place of Work												
	Components of earnings:												
12	Wage and salary disbursements	429,079	438,181	443,302	452,369	460,622	468,236	16,814	16,978	17,051	17,052	17,227	17,263
13	Other labor income	47,777	48,226	48,161	48,645	48,996	49,540	1,815	1,814	1,802	1,783	1,776	1,767
14	Proprietors' income [4]	79,712	81,277	81,828	82,757	83,784	85,344	2,472	2,484	2,456	2,450	2,462	2,466
15	Farm proprietors' income	2,933	3,404	3,780	3,857	3,598	4,288	1	2	2	2	2	2
16	Nonfarm proprietors' income	76,779	77,873	78,048	78,899	80,186	81,055	2,471	2,483	2,454	2,448	2,460	2,465
	Earnings by Industry												
17	Farm	6,708	7,276	7,753	7,941	7,729	8,468	183	183	183	185	187	189
18	Nonfarm	549,861	560,407	565,538	575,830	585,673	594,652	20,918	21,093	21,125	21,100	21,278	21,307
19	Private	466,921	476,056	479,722	489,138	497,710	505,986	15,644	15,775	15,792	15,757	15,856	15,863
20	Agricultural services, forestry, fishing, and other [5]	6,003	6,145	6,069	6,071	6,350	6,543	143	146	143	137	145	148
21	Mining	2,125	2,082	2,034	2,013	2,143	2,158	20	19	19	17	16	16
22	Construction	27,700	27,928	28,010	28,533	29,955	30,264	1,501	1,471	1,462	1,404	1,399	1,348
23	Manufacturing	86,649	88,831	88,603	91,297	92,497	93,971	788	792	791	800	787	743
24	Durable goods	59,845	61,229	60,838	63,097	64,324	65,459	215	202	204	201	204	194
25	Nondurable goods	26,803	27,602	27,765	28,199	28,173	28,512	573	591	587	598	583	549
26	Transportation and public utilities	34,513	35,272	35,494	35,563	35,932	36,714	1,724	1,754	1,747	1,757	1,794	1,813
27	Wholesale trade	34,382	35,201	35,239	36,043	36,493	37,161	785	791	796	792	770	780
28	Retail trade	50,552	51,422	51,523	52,725	53,371	53,910	2,624	2,617	2,608	2,633	2,651	2,645
29	Finance, insurance, and real estate	44,530	45,762	45,751	46,197	47,175	48,362	1,720	1,782	1,768	1,759	1,689	1,714
30	Services	180,468	183,413	186,999	190,696	193,794	196,902	6,339	6,403	6,460	6,459	6,604	6,655
31	Government and government enterprises	82,939	84,351	85,816	86,692	87,963	88,666	5,274	5,318	5,333	5,343	5,422	5,445
32	Federal, civilian	13,060	13,032	12,901	12,879	13,101	13,121	1,216	1,221	1,224	1,223	1,253	1,260
33	Military	6,267	6,192	6,115	6,056	6,098	5,984	1,585	1,583	1,585	1,582	1,639	1,633
34	State and local	63,612	65,127	66,800	67,757	68,764	69,561	2,474	2,514	2,523	2,538	2,531	2,552

p Preliminary.
r Revised.
1. Personal contributions for social insurance are included in earnings by type and industry but excluded from personal income.
2. The adjustment for residence is the net inflow of the earnings of interarea commuters. For the United States, it consists of adjustments for border workers and for certain temporary and migratory workers: Wage and salary disbursements to U.S. residents commuting or working temporarily outside U.S. borders less wage and salary disbursements to foreign residents commuting or working temporarily inside U.S borders.
3. Includes the capital consumption adjustment for rental income of persons.

and Earnings by Industry, 1996:I–1997:II—Continued

adjusted at annual rates]

Wyoming						Far West						Alaska						Line
1996				1997		1996				1997		1996				1997		
I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	
10,177	10,354	10,453	10,501	10,781	10,841	1,082,884	1,101,474	1,115,412	1,131,570	1,153,389	1,169,511	14,731	14,789	14,826	14,894	15,047	15,257	1
10,124	10,289	10,394	10,433	10,711	10,768	1,073,678	1,091,523	1,104,822	1,120,756	1,142,865	1,158,054	14,722	14,780	14,817	14,885	15,038	15,248	2
52	64	59	68	71	73	9,205	9,951	10,590	10,814	10,524	11,457	8	9	9	9	9	10	3
6,758	6,916	6,979	6,992	7,203	7,213	764,309	780,104	789,422	802,661	817,527	830,369	11,611	11,597	11,567	11,568	11,603	11,768	4
472	482	486	485	503	501	52,308	53,160	53,678	54,446	55,656	56,339	781	781	782	782	786	794	5
–17	–18	–18	–17	–21	–19	–1,975	–2,032	–2,057	–2,111	–2,156	–2,198	–760	–758	–756	–757	–757	–770	6
6,268	6,416	6,476	6,491	6,679	6,692	710,026	724,912	733,687	746,104	759,715	771,832	10,069	10,058	10,029	10,030	10,061	10,204	7
2,292	2,295	2,318	2,331	2,387	2,417	202,447	204,230	208,195	210,319	214,517	217,085	2,008	2,031	2,080	2,116	2,167	2,195	8
1,616	1,643	1,660	1,679	1,715	1,731	170,411	172,332	173,530	175,148	179,156	180,594	2,653	2,700	2,717	2,749	2,820	2,858	9
32	33	32	34	31	32	4,871	4,665	4,397	4,554	4,601	4,471	105	105	88	90	103	118	10
1,585	1,610	1,628	1,645	1,684	1,700	165,540	167,667	169,133	170,593	174,555	176,123	2,548	2,595	2,629	2,659	2,717	2,740	11
5,269	5,403	5,472	5,476	5,668	5,675	593,734	606,923	615,490	627,063	639,982	650,063	9,278	9,264	9,250	9,259	9,292	9,424	12
554	565	568	564	579	576	65,058	65,699	65,768	66,291	66,903	67,562	1,024	1,012	1,000	993	983	996	13
934	948	939	952	956	962	105,516	107,483	108,164	109,306	110,641	112,744	1,308	1,321	1,316	1,317	1,328	1,348	14
–18	–6	–11	–3	–1	0	3,999	4,615	5,119	5,195	4,840	5,705	4	5	5	5	5	6	15
952	954	950	955	957	961	101,518	102,868	103,045	104,111	105,802	107,039	1,304	1,317	1,311	1,312	1,323	1,342	16
52	64	59	68	71	73	9,205	9,951	10,590	10,814	10,524	11,457	8	9	9	9	9	10	17
6,705	6,852	6,920	6,924	7,132	7,140	755,103	770,153	778,832	791,847	807,003	818,912	11,603	11,589	11,558	11,559	11,594	11,758	18
5,104	5,248	5,300	5,309	5,511	5,511	635,204	648,458	655,393	667,428	680,650	691,555	8,095	8,103	8,110	8,123	8,115	8,308	19
53	56	56	53	56	59	8,149	8,453	8,462	8,503	8,777	9,050	226	227	230	231	245	254	20
1,016	1,029	1,018	1,025	1,062	1,077	4,164	4,084	4,029	4,019	4,043	4,081	958	897	861	850	815	823	21
513	523	546	562	532	515	43,387	43,779	44,177	45,168	46,858	47,473	859	909	891	887	858	874	22
384	395	395	391	392	390	114,874	117,878	118,241	121,359	123,307	125,033	608	621	591	602	602	616	23
153	160	165	158	157	154	80,182	82,205	82,438	84,995	87,010	88,222	193	189	174	168	183	183	24
230	235	230	232	235	236	34,692	35,673	35,803	36,364	36,297	36,810	414	432	417	434	419	433	25
621	679	677	659	782	773	49,093	49,970	50,225	50,167	51,414	51,979	1,189	1,113	1,141	1,140	1,158	1,209	26
229	235	242	242	246	247	46,214	47,323	47,940	48,786	49,319	50,228	341	342	347	351	340	345	27
700	712	717	733	736	737	71,705	73,027	73,342	75,066	75,990	76,765	1,105	1,125	1,136	1,126	1,130	1,152	28
305	312	324	316	348	347	57,773	59,615	59,652	60,210	60,965	62,533	440	453	461	463	436	447	29
1,284	1,308	1,324	1,329	1,356	1,367	239,844	244,328	249,325	254,150	259,978	264,414	2,369	2,415	2,454	2,473	2,530	2,589	30
1,601	1,604	1,621	1,615	1,621	1,629	119,900	121,695	123,439	124,419	126,352	127,357	3,508	3,486	3,448	3,437	3,479	3,450	31
295	294	288	282	293	294	20,039	20,056	19,896	19,909	20,353	20,366	774	773	761	755	783	786	32
140	137	135	132	136	136	10,912	10,775	10,698	10,600	10,864	10,736	672	642	638	630	634	618	33
1,166	1,173	1,197	1,200	1,192	1,198	88,948	90,864	92,845	93,910	95,135	96,255	2,061	2,071	2,049	2,052	2,063	2,047	34

Nevada						Oregon						Washington						Line
1996				1997		1996				1997		1996				1997		
I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	I r	II r	III r	IV r	I r	II p	
40,255	41,286	42,207	43,050	44,029	44,950	71,934	73,336	74,683	75,735	77,511	78,279	135,771	138,424	140,830	142,401	146,386	148,481	1
40,205	41,235	42,151	42,996	43,976	44,895	71,240	72,610	73,920	74,951	76,732	77,461	134,209	136,718	139,004	140,560	144,619	146,565	2
50	51	56	54	53	56	694	727	763	784	779	818	1,562	1,706	1,826	1,841	1,767	1,916	3
29,671	30,534	31,167	31,837	32,479	33,218	51,065	52,327	53,428	54,301	55,595	56,068	94,291	96,687	98,660	99,900	102,982	104,699	4
1,756	1,803	1,839	1,874	1,918	1,957	3,639	3,717	3,793	3,845	3,947	3,963	6,724	6,871	7,001	7,074	7,335	7,429	5
–586	–607	–625	–639	–653	–671	–1,310	–1,352	–1,390	–1,420	–1,459	–1,459	1,391	1,415	1,438	1,458	1,477	1,479	6
27,329	28,124	28,702	29,324	29,908	30,590	46,116	47,257	48,245	49,036	50,189	50,646	88,958	91,231	93,097	94,283	97,124	98,749	7
7,350	7,494	7,759	7,907	8,127	8,279	13,876	14,048	14,364	14,546	14,875	15,074	25,104	25,318	25,779	26,036	26,625	26,966	8
5,576	5,668	5,745	5,819	5,994	6,081	11,942	12,032	12,074	12,154	12,448	12,559	21,709	21,875	21,954	22,082	22,636	22,766	9
138	130	135	141	157	181	421	422	414	422	429	427	916	874	820	795	846	777	10
5,437	5,538	5,611	5,678	5,837	5,900	11,521	11,610	11,660	11,732	12,019	12,133	20,793	21,001	21,134	21,287	21,790	21,989	11
24,120	24,889	25,467	26,041	26,619	27,252	39,932	41,044	42,073	42,838	43,914	44,240	74,511	76,567	78,346	79,505	82,308	83,647	12
2,262	2,298	2,322	2,343	2,358	2,401	4,470	4,532	4,583	4,599	4,687	4,675	7,708	7,817	7,899	7,928	8,102	8,183	13
3,289	3,348	3,378	3,453	3,502	3,565	6,663	6,750	6,772	6,863	6,994	7,153	12,072	12,303	12,415	12,467	12,572	12,869	14
12	12	17	15	14	16	229	250	273	281	270	303	819	943	1,042	1,036	951	1,091	15
3,278	3,335	3,361	3,438	3,489	3,549	6,434	6,501	6,499	6,583	6,724	6,850	11,252	11,360	11,372	11,432	11,620	11,778	16
50	51	56	54	53	56	694	727	763	784	779	818	1,562	1,706	1,826	1,841	1,767	1,916	17
29,621	30,483	31,111	31,782	32,426	33,162	50,371	51,600	52,665	53,517	54,816	55,250	92,729	94,981	96,834	98,058	101,215	102,783	18
25,750	26,534	27,125	27,709	28,278	28,909	42,842	43,973	44,914	45,687	46,936	47,331	75,952	78,016	79,730	81,014	83,756	85,159	19
172	181	186	187	192	202	548	588	626	635	640	667	1,056	1,167	1,209	1,243	1,206	1,236	20
800	812	831	862	796	809	75	82	81	80	76	72	186	191	204	195	196	202	21
3,323	3,328	3,522	3,817	3,825	3,951	3,954	3,956	3,917	4,050	4,126	4,252	6,050	6,188	6,376	6,476	6,694	6,784	22
1,373	1,495	1,486	1,503	1,518	1,527	9,783	10,060	10,250	10,238	10,910	10,586	15,674	16,078	16,520	16,920	16,992	17,590	23
898	969	984	987	1,004	1,004	7,526	7,805	7,962	7,928	8,609	8,176	11,504	11,811	12,277	12,613	12,685	13,207	24
475	525	502	516	514	523	2,258	2,255	2,288	2,310	2,301	2,410	4,169	4,267	4,243	4,307	4,307	4,383	25
1,723	1,762	1,872	1,799	1,825	1,877	3,277	3,301	3,380	3,374	3,510	3,549	6,666	6,768	6,592	6,534	7,195	6,817	26
1,250	1,280	1,330	1,349	1,371	1,407	3,624	3,734	3,956	3,958	4,038	4,114	5,832	5,976	6,272	6,293	6,307	6,421	27
2,827	2,952	3,008	3,112	3,172	3,226	5,487	5,614	5,707	5,960	5,982	6,035	9,110	9,297	9,361	9,510	9,683	9,797	28
2,083	2,185	2,164	2,171	2,104	2,170	3,218	3,416	3,453	3,520	3,449	3,556	5,782	6,016	6,055	6,100	6,112	6,284	29
12,197	12,540	12,726	12,908	13,475	13,740	12,874	13,222	13,544	13,871	14,205	14,501	25,595	26,335	27,141	27,743	29,371	30,027	30
3,871	3,949	3,986	4,073	4,148	4,253	7,530	7,627	7,751	7,830	7,880	7,919	16,777	16,965	17,104	17,044	17,460	17,624	31
621	629	634	639	674	675	1,335	1,338	1,315	1,348	1,404	1,401	3,034	3,064	3,060	3,066	3,138	3,123	32
294	289	289	289	294	293	149	141	142	141	142	142	1,945	1,928	1,929	1,902	2,057	2,065	33
2,956	3,031	3,063	3,146	3,180	3,285	6,045	6,148	6,294	6,341	6,334	6,376	11,799	11,973	12,115	12,076	12,264	12,436	34

4. Includes the inventory valuation and capital consumption adjustments.

5. "Other" consists of the wage and salary disbursements to U.S. residents employed by international organizations and foreign embassies and consulates in the United States.

NOTE.—The personal income level shown for the United States is derived as the sum of the State estimates; it differs from the national income and product accounts (NIPA) estimate of personal income 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. It can also differ from the NIPA estimate because of different data sources and revision schedules.

Errata

State Personal Income by Major Source and Earnings by Industry

Table 5, page 43, in "State Personal Income, Revised Estimates for 1958–96" in the October 1997 SURVEY OF CURRENT BUSINESS showed incorrect personal income detail for California for the years 1995 and 1996 in lines 4-85. Corrected personal income detail for California is provided below.

Table 5.—Personal Income by Major Source and Earnings by Industry [1], 1995-96

[Millions of dollars]

Line	Item	California 1995 r	California 1996 r
	Income by Place of Residence		
1	Personal income (lines 4-9)	764,435	807,975
2	Population (thousands) [2]	31,565	31,878
3	Per capita personal income (dollars) [3]	24,217	25,346
	Derivation of Total Personal Income		
4	Earnings by place of work (line 10-14 or 15-85)	541,103	570,329
5	Less: Personal contributions for social insurance [4]	37,257	38,767
6	Plus: Adjustment for residence [5]	–724	–728
7	Equals: Net earnings by place of residence	503,122	530,834
8	Plus: Dividends, interest, and rent [6]	142,004	151,522
9	Plus: Transfer payments	119,309	125,620
	Earnings by Place of Work		
	Components of earnings:		
10	Wage and salary disbursements	414,941	440,733
11	Other labor income	48,140	48,203
12	Proprietors' income [7]	78,022	81,393
13	Farm	3,061	3,493
14	Nonfarm	74,961	77,900
	Earnings by Industry		
15	Farm	6,566	7,419
16	Nonfarm	534,537	562,909
17	Private	451,009	477,959
18	Agricultural services, forestry, fishing, and other [8]	5,616	6,072
19	Agricultural services	5,433	5,871
20	Forestry, fishing, and other [8]	183	201
21	Mining	2,054	2,064
22	Metal mining	152	157
23	Coal mining	59	59
24	Oil and gas extraction	1,506	1,496
25	Nonmetallic minerals, except fuels	336	351
26	Construction	27,077	28,043
27	Manufacturing	84,134	88,845
28	Durable goods	57,632	61,253
29	Lumber and wood products	1,767	1,868
30	Furniture and fixtures	1,415	1,529
31	Stone, clay, and glass products	1,995	2,000
32	Primary metal industries	1,462	1,619
33	Fabricated metal products	4,864	5,102
34	Industrial machinery and equipment	12,008	12,995
35	Electronic and other electric equipment	12,385	13,742
36	Motor vehicles and equipment	1,694	1,736
37	Other transportation equipment	8,276	8,085
38	Instruments and related products	10,246	10,958
39	Miscellaneous manufacturing industries	1,521	1,619
40	Nondurable goods	26,502	27,592
41	Food and kindred products	6,190	6,487
42	Tobacco products	2	2
43	Textile mill products	513	572
44	Apparel and other textile products	3,375	3,593
45	Paper and allied products	1,736	1,775
46	Printing and publishing	6,636	6,905
47	Chemicals and allied products	3,747	3,804
48	Petroleum and coal products	1,808	1,822
49	Rubber and miscellaneous plastics products	2,342	2,477
50	Leather and leather products	153	155
51	Transportation and public utilities	33,947	35,211
52	Railroad transportation	779	789
53	Trucking and warehousing	7,288	6,533
54	Water transportation	1,197	1,248
55	Other transportation	8,276	9,466
56	Communications	9,798	10,339
57	Electric, gas, and sanitary services	6,608	6,834
58	Wholesale trade	33,472	35,216
59	Retail trade	50,207	51,556
60	Finance, insurance, and real estate	42,889	45,560
61	Depository and nondepository institutions	11,199	12,242
62	Other finance, insurance, and real estate	31,690	33,318
63	Services	171,613	185,394
64	Hotels and other lodging places	4,233	4,474
65	Personal services	5,278	5,436
66	Private households	2,277	2,208
67	Business services	37,398	43,815
68	Auto repair, services, and parking	5,382	5,737
69	Miscellaneous repair services	2,393	2,534
70	Amusement and recreation services	7,125	7,705
71	Motion pictures	10,717	12,338
72	Health services	41,695	43,015
73	Legal services	12,995	13,311
74	Educational services	5,406	5,786
75	Social services	4,688	4,854
76	Museums, botanical, zoological gardens	204	237
77	Membership organizations	4,580	4,719
78	Engineering and management services	24,426	26,126
79	Miscellaneous services	2,815	3,099
80	Government and government enterprises	83,529	84,950
81	Federal, civilian	13,200	12,968
82	Military	6,418	6,158
83	State and local	63,912	65,824
84	State	16,248	16,220
85	Local	47,664	49,604

[D] Data are suppressed in order to avoid the disclosure of confidential information; estimates are included in totals.

1. The industry classification uses the 1987 Standard Industrial Classification (SIC).

2. Midyear population estimates of the Bureau of the Census. The estimates for the years 1991-94 have been adjusted by BEA for consistency with special adjustments made by the Census Bureau to its 1995 estimates for Arizona, Louisiana, South Carolina, Tennessee, and Utah.

3. Per capita personal income was computed using midyear population estimates of the Bureau of the Census. See footnote 2.

4. Personal contributions for social insurance are included in earnings by type and industry but excluded from personal income.

5. The adjustment for residence is the net inflow of the earnings of interarea commuters. For the United States, it consists of adjustments for border workers: Earnings of U.S. residents commuting outside U.S. borders to work less earnings of foreign residents commuting inside U.S. borders to work and of certain Caribbean seasonal workers.

6. Includes the capital consumption adjustment for rental income of persons.

7. Includes the inventory valuation and capital consumption adjustments.

8. "Other" consists of the wage and salary disbursements of U.S. residents employed by international organizations and foreign embassies and consulates in the United States.

STATE PERSONAL INCOME CD-ROM

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State economic estimates are available on a single CD-ROM from the Regional Economic Information System of the Bureau of Economic Analysis. The CD-ROM contains the following annual estimates for all States:

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  - Wage and salary disbursements
  - Full- and part-time employment (1969-96)
  - Wage and salary employment (1969-96)
- State economic profiles
- Transfer payments by major program
- Farm income and expenses
- Personal tax and nontax payments
- BEA Regional Fact Sheet (BEARFACTS)

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BEA CURRENT AND HISTORICAL DATA

National, International, and Regional Estimates

This section presents an extensive selection of economic statistics prepared by the Bureau of Economic Analysis and a much briefer 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 makes its economic information available on three World Wide Web sites. The BEA Web site <http://www.bea.doc.gov> contains data, articles, and news releases from BEA's national, international, and regional programs. The Federal Statistical Briefing Room (FSBR) on the White House Web site <http://www.whitehouse.gov/fsbr> provides summary statistics for GDP and a handful of other NIPA aggregates. The Commerce Department's STAT-USA Web site <http://www.stat-usa.gov> provides detailed databases and news releases from BEA and from other Federal Government agencies by subscription; information about STAT-USA's Economic Bulletin Board (EBB) and Internet services may be obtained at the Web site or by calling (202) 482–1986.

The tables listed below present annual, quarterly, and monthly estimates, indicated as follows: [A] Annual estimates only; [Q] quarterly estimates only; [QA] quarterly and annual estimates; [MA] monthly and annual estimates.

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* This table is not included this month because it would duplicate data shown elsewhere in the issue; see the headnote on page D–29.

National Data

A. Selected NIPA Tables

The tables in this section include the most recent estimates of gross domestic product and its components; these estimates were released on October 31, 1997 and include the "advance" estimates for the third quarter of 1997.

The selected set of NIPA tables shown in this section presents quarterly estimates, which are updated monthly. In most tables, the annual estimates are also shown. Most of the "annual only" NIPA tables were presented in the August 1997 SURVEY OF CURRENT BUSINESS; tables 8.20–8.26 were presented in the September 1997 SURVEY, and the remaining "annual only" tables—tables 3.15–3.20 and 9.1–9.6—were presented in the October 1997 SURVEY.

The selected NIPA tables are available on printouts or diskettes from BEA. To order NIPA subscription products using Visa or MasterCard, call the BEA Order Desk at 1–800–704–0415 (outside the United States, 202–606–9666).

The news release on gross domestic product (GDP) is available at the time of release, and the selected NIPA tables are available later that day, on STAT-USA's Economic Bulletin Board and Internet services; for information, call STAT-USA on 202–482–1986. In addition, the GDP news release is available the afternoon of the day of the release, and the selected NIPA tables are available about two weeks later (when the SURVEY is sent to the printer), on BEA's Internet site <http://www.bea.doc.gov>.

1. National Product and Income

Table 1.1.—Gross Domestic Product

[Billions of dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Gross domestic product	**7,265.4**	**7,636.0**	**7,607.7**	**7,676.0**	**7,792.9**	**7,933.6**	**8,034.3**	**8,131.7**
Personal consumption expenditures	**4,957.7**	**5,207.6**	**5,189.1**	**5,227.4**	**5,308.1**	**5,405.7**	**5,432.1**	**5,527.7**
Durable goods	608.5	634.5	638.6	634.5	638.2	658.4	644.5	665.0
Nondurable goods	1,475.8	1,534.7	1,532.3	1,538.3	1,560.1	1,587.4	1,578.9	1,602.3
Services	2,873.4	3,038.4	3,018.2	3,054.6	3,109.8	3,159.9	3,208.7	3,260.5
Gross private domestic investment	**1,038.2**	**1,116.5**	**1,105.4**	**1,149.2**	**1,151.1**	**1,193.6**	**1,242.0**	**1,253.6**
Fixed investment	1,008.1	1,090.7	1,082.0	1,112.0	1,119.2	1,127.5	1,160.8	1,200.6
Nonresidential	723.0	781.4	769.3	798.6	807.2	811.3	836.3	871.1
Structures	200.6	215.2	210.6	217.7	227.0	227.4	226.8	234.6
Producers' durable equipment	522.4	566.2	558.7	580.9	580.2	583.9	609.5	636.5
Residential	285.1	309.2	312.7	313.5	312.0	316.2	324.6	329.5
Change in business inventories	30.1	25.9	23.4	37.1	31.9	66.1	81.1	53.0
Net exports of goods and services	**–86.0**	**–94.8**	**–93.8**	**–114.0**	**–88.6**	**–98.8**	**–88.7**	**–107.3**
Exports	818.4	870.9	865.0	863.7	904.6	922.2	960.3	968.9
Goods	583.9	617.5	613.9	609.7	640.5	656.2	690.0	694.6
Services	234.6	253.3	251.1	254.0	264.2	266.0	270.3	274.3
Imports	904.5	965.7	958.7	977.6	993.2	1,021.0	1,049.0	1,076.3
Goods	757.5	809.0	802.9	820.2	834.6	855.8	880.1	905.6
Services	146.9	156.7	155.8	157.5	158.6	165.2	168.9	170.6
Government consumption expenditures and gross investment	**1,355.5**	**1,406.7**	**1,407.0**	**1,413.5**	**1,422.3**	**1,433.1**	**1,449.0**	**1,457.8**
Federal	509.6	520.0	524.6	521.6	517.6	516.1	526.1	525.3
National defense	344.6	352.8	357.3	354.8	350.6	343.3	350.6	351.7
Nondefense	165.0	167.3	167.3	166.8	167.0	172.8	175.5	173.6
State and local	846.0	886.7	882.4	891.9	904.7	917.0	923.0	932.4

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

Table 1.2.—Real Gross Domestic Product

[Billions of chained (1992) dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Gross domestic product	**6,742.1**	**6,928.4**	**6,926.0**	**6,943.8**	**7,017.4**	**7,101.6**	**7,159.6**	**7,221.8**
Personal consumption expenditures	**4,595.3**	**4,714.1**	**4,712.2**	**4,718.2**	**4,756.4**	**4,818.1**	**4,829.4**	**4,897.1**
Durable goods	583.6	611.1	614.8	611.9	617.1	637.8	629.0	653.8
Nondurable goods	1,412.6	1,432.3	1,431.6	1,433.9	1,441.2	1,457.8	1,450.0	1,466.8
Services	2,599.6	2,671.0	2,666.5	2,672.8	2,698.2	2,723.9	2,749.8	2,777.8
Gross private domestic investment	**991.5**	**1,069.1**	**1,059.2**	**1,100.3**	**1,104.8**	**1,149.2**	**1,197.1**	**1,208.4**
Fixed investment	962.1	1,041.7	1,035.7	1,060.9	1,068.7	1,079.0	1,111.4	1,148.6
Nonresidential	706.5	771.7	759.7	789.3	800.8	808.9	837.0	873.7
Structures	179.9	188.7	185.6	190.0	196.9	195.9	193.5	198.2
Producers' durable equipment	528.3	586.0	577.1	602.9	606.7	616.6	649.3	682.6
Residential	257.0	272.1	277.2	274.1	271.1	273.3	278.2	280.2
Change in business inventories	27.3	25.0	21.3	37.9	32.9	63.7	77.6	51.5
Net exports of goods and services	**–98.8**	**–114.4**	**–112.6**	**–138.9**	**–105.6**	**–126.3**	**–136.6**	**–160.0**
Exports	791.2	857.0	847.4	851.4	901.1	922.7	962.5	975.7
Goods	573.9	628.4	619.2	623.0	666.2	686.2	725.8	735.7
Services	218.0	229.9	229.3	229.4	236.8	238.9	240.8	244.1
Imports	890.1	971.5	960.0	990.2	1,006.6	1,048.9	1,099.1	1,135.6
Goods	749.2	823.1	811.7	841.7	857.5	891.3	938.4	972.7
Services	141.2	149.0	148.8	149.3	150.0	158.4	161.8	164.5
Government consumption expenditures and gross investment	**1,251.9**	**1,257.9**	**1,265.1**	**1,261.5**	**1,261.8**	**1,260.5**	**1,270.1**	**1,273.3**
Federal	470.3	464.2	470.7	465.7	459.6	452.8	460.1	458.8
National defense	322.6	317.8	323.2	319.4	313.6	303.9	309.4	310.2
Nondefense	147.5	146.1	147.2	146.0	145.7	148.5	150.2	148.1
State and local	781.6	793.7	794.4	795.9	802.3	807.7	810.1	814.5
Residual	.6	–1.6	–.9	–2.4	–3.8	–2.9	–3.9	–4.5

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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.

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

[Billions of dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Gross domestic product	**7,265.4**	**7,636.0**	**7,607.7**	**7,676.0**	**7,792.9**	**7,933.6**	**8,034.3**	**8,131.7**
Final sales of domestic product	7,235.3	7,610.2	7,584.3	7,638.9	7,761.0	7,867.4	7,953.2	8,078.7
Change in business inventories	30.1	25.9	23.4	37.1	31.9	66.1	81.1	53.0
Goods	**2,667.9**	**2,785.2**	**2,782.7**	**2,797.8**	**2,826.9**	**2,904.6**	**2,936.0**	**2,958.9**
Final sales	2,637.8	2,759.3	2,759.3	2,760.7	2,795.0	2,838.4	2,854.9	2,905.9
Change in business inventories	30.1	25.9	23.4	37.1	31.9	66.1	81.1	53.0
Durable goods	1,163.0	1,228.9	1,232.9	1,249.5	1,232.4	1,279.8	1,322.1	1,328.5
Final sales	1,133.9	1,212.0	1,214.8	1,216.3	1,233.5	1,248.0	1,275.3	1,303.8
Change in business inventories	29.1	16.9	18.1	33.3	–1.1	31.8	46.8	24.8
Nondurable goods	1,504.9	1,556.3	1,549.9	1,548.3	1,594.5	1,624.7	1,613.9	1,630.4
Final sales	1,503.9	1,547.3	1,544.5	1,544.4	1,561.5	1,590.4	1,579.6	1,602.1
Change in business inventories	1.0	9.0	5.3	3.9	33.0	34.3	34.4	28.3
Services	**3,980.7**	**4,187.3**	**4,162.2**	**4,208.1**	**4,282.7**	**4,338.2**	**4,400.1**	**4,461.4**
Structures	**616.8**	**663.6**	**662.8**	**670.1**	**683.3**	**690.8**	**698.2**	**711.4**
Addenda:								
Motor vehicle output	273.5	271.4	283.5	278.7	267.2	281.4	270.4	286.6
Gross domestic product less motor vehicle output	6,991.9	7,364.7	7,324.2	7,397.3	7,525.8	7,652.2	7,764.0	7,845.2

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

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

[Billions of chained (1992) dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Gross domestic product	**6,742.1**	**6,928.4**	**6,926.0**	**6,943.8**	**7,017.4**	**7,101.6**	**7,159.6**	**7,221.8**
Final sales of domestic product	6,712.7	6,901.0	6,902.3	6,905.0	6,981.7	7,034.1	7,077.7	7,164.0
Change in business inventories	27.3	25.0	21.3	37.9	32.9	63.7	77.6	51.5
Residual	2.1	2.4	2.4	.9	2.8	3.8	4.3	6.3
Goods	**2,574.2**	**2,662.6**	**2,658.8**	**2,673.1**	**2,704.1**	**2,769.3**	**2,796.7**	**2,822.6**
Final sales	2,545.0	2,635.5	2,635.5	2,634.0	2,668.4	2,699.6	2,711.8	2,763.6
Change in business inventories	27.3	25.0	21.3	37.9	32.9	63.7	77.6	51.5
Durable goods	1,152.3	1,222.1	1,227.3	1,244.0	1,228.5	1,277.0	1,327.5	1,343.5
Final sales	1,124.3	1,205.8	1,210.0	1,211.4	1,230.1	1,245.8	1,281.4	1,319.2
Change in business inventories	27.3	15.9	17.0	31.3	–.9	29.9	43.8	23.3
Nondurable goods	1,423.4	1,443.7	1,435.1	1,433.5	1,477.9	1,496.1	1,476.2	1,486.6
Final sales	1,421.9	1,433.2	1,429.3	1,426.5	1,442.6	1,458.3	1,437.5	1,452.8
Change in business inventories	–.2	9.1	4.3	6.6	33.8	33.8	33.8	28.2
Services	**3,614.7**	**3,686.6**	**3,684.9**	**3,689.0**	**3,723.9**	**3,743.9**	**3,774.4**	**3,804.3**
Structures	**555.0**	**582.2**	**584.9**	**585.0**	**592.9**	**595.1**	**595.7**	**602.1**
Residual	–.9	–4.4	–4.4	–6.0	–5.0	–5.2	–7.0	–8.1
Addenda:								
Motor vehicle output	247.5	241.3	252.8	246.8	236.5	247.5	240.6	253.7
Gross domestic product less motor vehicle output	6,494.3	6,687.1	6,672.9	6,696.8	6,781.0	6,854.1	6,919.1	6,968.1

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 business inventories is the difference between gross domestic product and the sum of final sales of domestic product and of change in business 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 selected items in this table are shown in table 8.1

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

[Billions of dollars]

Gross domestic product	**7,265.4**	**7,636.0**	**7,607.7**	**7,676.0**	**7,792.9**	**7,933.6**	**8,034.3**	**8,131.7**
Less: Exports of goods and services	818.4	870.9	865.0	863.7	904.6	922.2	960.3	968.9
Plus: Imports of goods and services	904.5	965.7	958.7	977.6	993.2	1,021.0	1,049.0	1,076.3
Equals: Gross domestic purchases	**7,351.4**	**7,730.9**	**7,701.5**	**7,790.0**	**7,881.5**	**8,032.4**	**8,123.1**	**8,239.1**
Less: Change in business inventories	30.1	25.9	23.4	37.1	31.9	66.1	81.1	53.0
Equals: Final sales to domestic purchasers	**7,321.3**	**7,705.0**	**7,678.1**	**7,752.8**	**7,849.6**	**7,966.3**	**8,042.0**	**8,186.0**

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

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

[Billions of chained (1992) dollars]

Gross domestic product	**6,742.1**	**6,928.4**	**6,926.0**	**6,943.8**	**7,017.4**	**7,101.6**	**7,159.6**	**7,221.8**
Less: Exports of goods and services	791.2	857.0	847.4	851.4	901.1	922.7	962.5	975.7
Plus: Imports of goods and services	890.1	971.5	960.0	990.2	1,006.6	1,048.9	1,099.1	1,135.6
Equals: Gross domestic purchases	**6,837.5**	**7,037.7**	**7,033.6**	**7,075.3**	**7,118.4**	**7,220.9**	**7,286.9**	**7,368.8**
Less: Change in business inventories	27.3	25.0	21.3	37.9	32.9	63.7	77.6	51.5
Equals: Final sales to domestic purchasers	**6,808.1**	**7,010.2**	**7,009.9**	**7,036.4**	**7,082.7**	**7,153.1**	**7,204.7**	**7,310.9**

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 items in this table are shown in table 8.1.

Table 1.7.—Gross Domestic Product by Sector

[Billions of dollars]

Gross domestic product	**7,265.4**	**7,636.0**	**7,607.7**	**7,676.0**	**7,792.9**	**7,933.6**	**8,034.3**	**8,131.7**
Business [1]	**6,074.7**	**6,401.0**	**6,377.7**	**6,434.2**	**6,543.1**	**6,666.5**	**6,755.0**	**6,839.6**
Nonfarm [1]	6,001.3	6,311.6	6,289.2	6,341.7	6,450.0	6,573.1	6,657.9	6,744.3
Nonfarm less housing	5,372.0	5,652.8	5,636.3	5,677.3	5,777.1	5,892.5	5,971.0	6,051.8
Housing	629.2	658.8	652.8	664.4	673.0	680.6	686.8	692.6
Farm	73.5	89.4	88.6	92.5	93.0	93.4	97.1	95.3
Households and institutions	**331.8**	**346.0**	**343.9**	**347.9**	**352.0**	**357.7**	**363.6**	**369.3**
Private households	11.8	11.5	11.6	11.4	11.1	11.1	11.3	11.4
Nonprofit institutions	319.9	334.6	332.3	336.6	341.0	346.6	352.3	357.8
General government [2]	**858.9**	**889.0**	**886.1**	**893.9**	**897.8**	**909.4**	**915.8**	**922.8**
Federal	275.5	281.4	281.9	282.1	281.1	286.2	286.2	285.9
State and local	583.4	607.6	604.2	611.8	616.7	623.3	629.6	636.9

1. Gross domestic business product equals gross domestic product less gross product of households and institutions and of general government. Nonfarm product equals gross domestic business product less gross farm product.

2. 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 (1992) dollars]

Gross domestic product	**6,742.1**	**6,928.4**	**6,926.0**	**6,943.8**	**7,017.4**	**7,101.6**	**7,159.6**	**7,221.8**
Business [1]	**5,657.4**	**5,842.9**	**5,838.1**	**5,854.9**	**5,928.5**	**6,009.6**	**6,064.4**	**6,122.4**
Nonfarm [1]	5,582.7	5,766.8	5,761.3	5,779.8	5,853.3	5,929.7	5,983.2	6,042.3
Nonfarm less housing	5,005.7	5,181.4	5,179.0	5,191.3	5,261.3	5,335.3	5,388.2	5,447.6
Housing	577.0	585.7	582.6	588.7	592.3	594.9	595.6	595.7
Farm	74.2	75.5	76.2	74.6	74.7	79.0	80.4	79.3
Households and institutions	**305.1**	**311.2**	**310.4**	**312.5**	**314.4**	**316.9**	**319.2**	**321.9**
Private households	10.8	10.1	10.3	10.0	9.6	9.6	9.6	9.7
Nonprofit institutions	294.3	301.1	300.1	302.5	304.8	307.4	309.6	312.2
General government [2]	**780.3**	**775.9**	**778.9**	**778.1**	**776.6**	**777.7**	**778.8**	**780.7**
Federal	248.1	240.9	242.8	241.3	238.9	238.2	237.1	236.1
State and local	532.2	535.2	536.3	537.0	537.9	539.9	542.1	545.0
Residual	–.2	–1.5	–1.3	–1.6	–2.1	–2.7	–3.0	–3.8

1. Gross domestic business product equals gross domestic product less gross product of households and institutions and of general government. Nonfarm product equals gross domestic business product less gross farm product.

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

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 1.9.—Relation of Gross Domestic Product, Gross National Product, Net National Product, National Income, and Personal Income

[Billions of dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Gross domestic product	**7,265.4**	**7,636.0**	**7,607.7**	**7,676.0**	**7,792.9**	**7,933.6**	**8,034.3**	**8,131.7**
Plus: Receipts of factor income from the rest of the world	222.8	234.3	227.1	235.4	248.8	248.2	261.6	.....
Less: Payments of factor income to the rest of the world	217.5	232.6	224.3	242.3	245.6	262.5	282.3	.....
Equals: Gross national product	**7,270.6**	**7,637.7**	**7,610.5**	**7,669.1**	**7,796.1**	**7,919.2**	**8,013.6**	.....
Less: Consumption of fixed capital	796.8	830.1	824.1	835.4	845.6	855.0	863.0	872.3
Private	653.0	682.7	676.8	687.7	697.2	705.4	712.3	721.1
Capital consumption allowances	669.1	709.9	704.9	715.4	725.3	736.6	745.9	755.3
Less: Capital consumption adjustment	16.1	27.1	28.0	27.8	28.1	31.2	33.6	34.3
Government	143.8	147.4	147.2	147.8	148.4	149.6	150.6	151.3
General government	122.4	125.1	125.1	125.4	125.8	126.8	127.4	127.9
Government enterprises	21.4	22.3	22.1	22.4	22.6	22.9	23.3	23.4
Equals: Net national product	**6,473.9**	**6,807.6**	**6,786.4**	**6,833.6**	**6,950.4**	**7,064.2**	**7,150.7**	.....
Less: Indirect business tax and nontax liability	582.8	604.8	599.0	600.9	625.3	610.2	616.2	626.5
Business transfer payments	32.2	33.6	33.5	33.8	34.2	34.4	35.0	35.0
Statistical discrepancy	–28.2	–59.9	–50.2	–79.5	–59.5	–64.3	–73.5	.....
Plus: Subsidies less current surplus of government enterprises	25.2	25.4	25.2	24.9	26.0	26.1	26.0	25.9
Equals: National income	**5,912.3**	**6,254.5**	**6,229.4**	**6,303.3**	**6,376.5**	**6,510.0**	**6,599.0**	.....
Less: Corporate profits with inventory valuation and capital consumption adjustments	650.0	735.9	738.5	739.6	747.8	779.6	795.1	.....
Net interest	425.1	425.1	422.5	430.9	430.6	440.5	448.1	.....
Contributions for social insurance	659.1	692.0	688.7	696.8	705.1	719.5	726.9	734.9
Wage accruals less disbursements	13.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
Plus: Personal interest income	718.9	735.7	727.8	742.7	749.8	757.2	766.1	775.6
Personal dividend income	251.9	291.2	290.0	292.0	295.2	312.5	318.3	324.5
Government transfer payments to persons	990.0	1,042.0	1,039.0	1,046.3	1,055.1	1,080.5	1,090.0	1,097.9
Business transfer payments to persons	25.0	26.0	25.9	26.1	26.4	26.7	26.9	27.2
Equals: Personal income	**6,150.8**	**6,495.2**	**6,461.3**	**6,541.9**	**6,618.4**	**6,746.2**	**6,829.1**	**6,909.8**
Addenda:								
Gross domestic income	7,293.6	7,695.9	7,657.9	7,755.5	7,852.4	7,997.9	8,107.9	.....
Gross national income	7,298.9	7,697.6	7,660.7	7,748.5	7,855.5	7,983.6	8,087.2	.....
Net domestic product	6,468.6	6,805.9	6,783.6	6,840.6	6,947.3	7,078.5	7,171.4	7,259.4

Table 1.10.—Relation of Real Gross Domestic Product, Real Gross National Product, and Real Net National Product

[Billions of chained (1992) dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Gross domestic product	**6,742.1**	**6,928.4**	**6,926.0**	**6,943.8**	**7,017.4**	**7,101.6**	**7,159.6**	**7,221.8**
Plus: Receipts of factor income from the rest of the world	207.7	214.2	208.1	214.8	226.0	224.6	236.3	.....
Less: Payments of factor income to the rest of the world	200.7	210.2	203.7	218.1	219.8	234.0	250.8	.....
Equals: Gross national product	6,748.7	6,932.0	6,930.1	6,940.2	7,023.1	7,091.8	7,144.4	.....
Less: Consumption of fixed capital	752.5	776.4	773.0	779.8	786.7	797.3	806.5	817.0
Private	619.6	642.4	639.1	645.7	652.2	662.6	671.5	681.8
Government	132.9	134.2	134.0	134.3	134.6	135.0	135.3	135.6
General government	113.4	114.1	114.0	114.2	114.4	114.6	114.8	115.0
Government enterprises	19.5	20.0	20.0	20.1	20.2	20.3	20.4	20.6
Equals: Net national product	5,996.1	6,155.6	6,156.9	6,160.4	6,236.4	6,294.5	6,338.2	.....
Addenda:								
Gross domestic income [1]	6,768.2	6,982.7	6,971.8	7,015.7	7,070.9	7,159.2	7,225.2	.....
Gross national income [2]	6,774.8	6,986.3	6,975.9	7,012.1	7,076.7	7,149.4	7,210.0	.....
Net domestic product	5,989.4	6,151.9	6,152.8	6,164.0	6,230.7	6,304.4	6,353.3	6,405.2

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

NOTE.—Except as noted in footnotes 1 and 2, chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 1.11.—Command-Basis Real Gross National Product

[Billions of chained (1992) dollars]

Gross national product	**6,748.7**	**6,932.0**	**6,930.1**	**6,940.2**	**7,023.1**	**7,091.8**	**7,144.4**	.....
Less: Exports of goods and services and receipts of factor income from the rest of the world	999.7	1,071.7	1,055.8	1,066.8	1,127.6	1,147.3	1,198.9	.....
Plus: Command-basis exports of goods and services and receipts of factor income [1]	1,014.0	1,091.1	1,075.2	1,090.2	1,143.4	1,171.9	1,241.7	.....
Equals: Command-basis gross national product	**6,763.0**	**6,951.4**	**6,949.5**	**6,963.6**	**7,038.9**	**7,116.4**	**7,187.2**	.....
Addendum:								
Terms of trade [2]	101.4	101.8	101.8	102.2	101.4	102.1	103.6	.....

1. Exports of goods and services and receipts of factor income deflated by the implicit price deflator for imports of goods and services and payments of factor income.
2. Ratio of the implicit price deflator for exports of goods and services and receipts of factor income to the corresponding implicit price deflator for imports with the decimal point shifted two places to the right.

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 items in this table are shown in table 8.1.

Table 1.14.—National Income by Type of Income

[Billions of dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
National income	**5,912.3**	**6,254.5**	**6,229.4**	**6,303.3**	**6,376.5**	**6,510.0**	**6,599.0**	.....
Compensation of employees	**4,215.4**	**4,426.9**	**4,403.9**	**4,461.0**	**4,520.7**	**4,606.3**	**4,663.4**	**4,725.4**
Wage and salary accruals	3,442.6	3,633.6	3,612.3	3,664.0	3,718.0	3,792.7	3,842.7	3,897.2
Government	623.0	642.6	640.3	645.5	648.9	657.8	662.0	667.4
Other	2,819.6	2,991.0	2,972.0	3,018.4	3,069.0	3,134.9	3,180.8	3,229.8
Supplements to wages and salaries	772.9	793.3	791.5	797.0	802.7	813.6	820.7	828.1
Employer contributions for social insurance	366.0	385.7	383.6	388.6	393.6	401.3	405.6	410.2
Other labor income	406.8	407.6	407.9	408.4	409.1	412.3	415.1	418.0
Proprietors' income with inventory valuation and capital consumption adjustments	**489.0**	**520.3**	**520.0**	**523.8**	**528.3**	**534.6**	**543.6**	**547.3**
Farm	23.4	37.2	36.5	40.1	40.4	40.2	43.6	41.2
Proprietors' income with inventory valuation adjustment	31.4	45.0	44.3	47.9	48.1	47.9	51.2	48.8
Capital consumption adjustment	–7.9	–7.8	–7.8	–7.8	–7.8	–7.7	–7.6	–7.5
Nonfarm	465.5	483.1	483.5	483.7	487.9	494.4	500.0	506.1
Proprietors' income	438.8	455.3	456.4	456.1	460.0	466.3	470.8	476.7
Inventory valuation adjustment	–.5	–.2	–1.2	–.1	.3	–.1	.6	.2
Capital consumption adjustment	27.2	28.0	28.3	27.8	27.5	28.1	28.7	29.1
Rental income of persons with capital consumption adjustment	**132.8**	**146.3**	**144.6**	**148.0**	**149.2**	**149.0**	**148.7**	**147.9**
Rental income of persons	179.8	193.3	191.0	195.5	197.3	197.9	197.6	197.6
Capital consumption adjustment	–47.0	–47.0	–46.4	–47.5	–48.1	–48.9	–48.9	–49.6
Corporate profits with inventory valuation and capital consumption adjustments	**650.0**	**735.9**	**738.5**	**739.6**	**747.8**	**779.6**	**795.1**	.....
Corporate profits with inventory valuation adjustment	598.4	674.1	676.8	676.4	683.4	711.9	725.7	.....
Profits before tax	622.6	676.6	682.2	679.1	680.0	708.4	719.8	.....
Profits tax liability	213.2	229.0	232.2	231.6	226.0	241.2	244.5	.....
Profits after tax	409.4	447.6	450.0	447.5	454.0	467.2	475.3	.....
Dividends	264.4	304.8	303.7	305.7	309.1	326.8	333.0	339.1
Undistributed profits	145.0	142.8	146.4	141.8	144.9	140.3	142.3	.....
Inventory valuation adjustment	–24.3	–2.5	–5.4	–2.7	3.3	3.5	5.9	7.8
Capital consumption adjustment	51.6	61.8	61.6	63.2	64.4	67.7	69.4	70.4
Net interest	**425.1**	**425.1**	**422.5**	**430.9**	**430.6**	**440.5**	**448.1**	.....
Addenda:								
Corporate profits after tax with inventory valuation and capital consumption adjustments	436.7	506.9	506.3	508.0	521.8	538.4	550.6	.....
Net cash flow with inventory valuation and capital consumption adjustments	601.3	654.3	651.1	657.8	674.6	678.9	690.2	.....
Undistributed profits with inventory valuation and capital consumption adjustments	172.4	202.1	202.6	202.3	212.6	211.5	217.6	.....
Consumption of fixed capital	428.9	452.3	448.5	455.5	462.0	467.4	472.6	478.6
Less: Inventory valuation adjustment	–24.3	–2.5	–5.4	–2.7	3.3	3.5	5.9	7.8
Equals: Net cash flow	625.5	656.8	656.5	660.5	671.3	675.5	684.4	.....

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

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
	Billions of dollars							
Gross domestic product of corporate business	**4,348.5**	**4,624.9**	**4,601.8**	**4,661.0**	**4,733.2**	**4,824.8**	**4,897.2**	.....
Consumption of fixed capital	428.9	452.3	448.5	455.5	462.0	467.4	472.6	478.6
Net domestic product	3,919.6	4,172.6	4,153.3	4,205.5	4,271.2	4,357.4	4,424.6	.....
Indirect business tax and nontax liability plus business transfer payments less subsidies	439.6	463.9	458.0	460.9	485.0	465.9	474.4	482.5
Domestic income	3,480.0	3,708.7	3,695.3	3,744.6	3,786.2	3,891.5	3,950.2	.....
Compensation of employees	2,781.1	2,926.7	2,910.4	2,951.4	2,997.9	3,056.5	3,098.2	3,142.7
Wage and salary accruals	2,296.4	2,433.5	2,417.2	2,456.3	2,500.7	2,550.7	2,588.0	2,627.9
Supplements to wages and salaries	484.7	493.2	493.2	495.1	497.3	505.8	510.2	514.8
Corporate profits with inventory valuation and capital consumption adjustments	563.2	640.0	645.2	647.8	640.3	682.2	694.4	.....
Profits before tax	535.9	580.7	589.0	587.4	572.5	611.0	619.1	.....
Profits tax liability	213.2	229.0	232.2	231.6	226.0	241.2	244.5	.....
Profits after tax	322.7	351.6	356.8	355.7	346.5	369.8	374.5	.....
Dividends	236.9	270.8	265.8	265.6	281.6	292.7	293.6	.....
Undistributed profits	85.8	80.8	91.0	90.1	64.9	77.1	80.9	.....
Inventory valuation adjustment	–24.3	–2.5	–5.4	–2.7	3.3	3.5	5.9	7.8
Capital consumption adjustment	51.6	61.8	61.6	63.2	64.4	67.7	69.4	70.4
Net interest	135.6	142.1	139.7	145.4	148.0	152.8	157.6	.....
Gross domestic product of financial corporate business	**443.2**	**492.5**	**488.9**	**495.2**	**513.2**	**525.1**	**536.1**	.....
Gross domestic product of nonfinancial corporate business	**3,905.3**	**4,132.4**	**4,112.9**	**4,165.8**	**4,220.1**	**4,299.7**	**4,361.1**	.....
Consumption of fixed capital	373.4	393.4	390.2	396.2	401.8	406.3	410.7	415.8
Net domestic product	3,531.9	3,739.0	3,722.7	3,769.7	3,818.3	3,893.4	3,950.4	.....
Indirect business tax and nontax liability plus business transfer payments less subsidies	399.8	421.8	420.2	423.7	430.0	432.2	437.0	444.8
Domestic income	3,132.1	3,317.2	3,302.5	3,345.9	3,388.3	3,461.2	3,513.3	.....
Compensation of employees	2,555.5	2,682.9	2,668.6	2,704.7	2,745.3	2,801.9	2,840.1	2,880.9
Wage and salary accruals	2,107.9	2,228.6	2,214.2	2,248.7	2,287.5	2,335.8	2,370.0	2,406.6
Supplements to wages and salaries	447.5	454.4	454.4	456.0	457.8	466.0	470.1	474.3
Corporate profits with inventory valuation and capital consumption adjustments	474.6	545.8	542.8	553.3	561.7	575.4	586.7	.....
Profits before tax	438.3	477.2	477.4	483.4	484.4	494.5	501.5	.....
Profits tax liability	139.4	154.8	154.1	156.8	159.0	159.4	161.8	.....
Profits after tax	298.9	322.4	323.3	326.6	325.5	335.1	339.8	.....
Dividends	188.3	196.4	194.3	191.8	199.4	207.0	208.1	.....
Undistributed profits	110.6	126.0	129.1	134.8	126.1	128.2	131.7	.....
Inventory valuation adjustment	–24.3	–2.5	–5.4	–2.7	3.3	3.5	5.9	7.8
Capital consumption adjustment	60.5	71.1	70.8	72.6	74.0	77.4	79.3	80.5
Net interest	102.0	88.5	91.2	88.0	81.3	83.9	86.6	.....
	Billions of chained (1992) dollars							
Gross domestic product of nonfinancial corporate business [1]	**3,719.7**	**3,887.8**	**3,872.4**	**3,913.7**	**3,963.5**	**4,022.2**	**4,068.9**	.....
Consumption of fixed capital [2]	357.8	374.4	371.8	376.6	381.7	396.0	402.2	408.8
Net domestic product [3]	3,361.9	3,513.5	3,500.6	3,537.1	3,581.8	3,626.2	3,666.7	.....

1. Chained-dollar gross domestic product of nonfinancial corporate business equals the current-dollar product deflated by the implicit price deflator for goods and structures in gross domestic product.
2. Chained-dollar consumption of fixed capital of nonfinancial corporate business is calculated as the product of the chain-type quantity index and the 1992 current-dollar value of the corresponding series, divided by 100.
3. Chained-dollar net domestic product of nonfinancial corporate business is the difference between the gross product and the consumption of fixed capital.

2. Personal Income and Outlays

Table 2.1.—Personal Income and Its Disposition

[Billions of dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Personal income	**6,150.8**	**6,495.2**	**6,461.3**	**6,541.9**	**6,618.4**	**6,746.2**	**6,829.1**	**6,909.8**
Wage and salary disbursements	**3,429.5**	**3,632.5**	**3,611.2**	**3,662.8**	**3,716.9**	**3,791.5**	**3,841.6**	**3,896.1**
Private industries	2,806.5	2,989.9	2,970.9	3,017.3	3,067.9	3,133.7	3,179.6	3,228.7
Goods-producing industries	864.4	909.1	906.3	917.2	927.8	942.9	952.8	961.8
Manufacturing	648.4	674.7	674.1	680.1	685.6	694.1	700.3	706.3
Distributive industries	783.1	823.3	819.2	829.0	840.6	856.8	867.0	879.6
Service industries	1,159.0	1,257.5	1,245.3	1,271.1	1,299.5	1,334.1	1,359.8	1,387.3
Government	623.0	642.6	640.3	645.5	648.9	657.8	662.0	667.4
Other labor income	**406.8**	**407.6**	**407.9**	**408.4**	**409.1**	**412.3**	**415.1**	**418.0**
Proprietors' income with inventory valuation and capital consumption adjustments	**489.0**	**520.3**	**520.0**	**523.8**	**528.3**	**534.6**	**543.6**	**547.3**
Farm	23.4	37.2	36.5	40.1	40.4	40.2	43.6	41.2
Nonfarm	465.5	483.1	483.5	483.7	487.9	494.4	500.0	506.1
Rental income of persons with capital consumption adjustment	**132.8**	**146.3**	**144.6**	**148.0**	**149.2**	**149.0**	**148.7**	**147.9**
Personal dividend income	**251.9**	**291.2**	**290.0**	**292.0**	**295.2**	**312.5**	**318.3**	**324.5**
Personal interest income	**718.9**	**735.7**	**727.8**	**742.7**	**749.8**	**757.2**	**766.1**	**775.6**
Transfer payments to persons	**1,015.0**	**1,068.0**	**1,064.8**	**1,072.4**	**1,081.5**	**1,107.2**	**1,117.0**	**1,125.2**
Old-age, survivors, disability, and health insurance benefits	507.8	537.6	535.4	540.0	545.6	558.9	564.4	569.1
Government unemployment insurance benefits	21.4	22.0	22.1	21.3	21.6	22.1	21.9	21.8
Veterans benefits	20.8	21.6	21.9	21.7	21.4	22.4	22.4	22.5
Government employees retirement benefits	133.6	142.5	142.2	143.7	145.9	150.4	152.7	154.2
Other transfer payments	331.4	344.2	343.3	345.7	347.0	353.5	355.6	357.6
Family assistance [1]	23.3	21.7	22.0	21.6	20.7	19.7	19.0	18.0
Other	308.0	322.5	321.3	324.2	326.2	333.8	336.6	339.6
Less: Personal contributions for social insurance	**293.1**	**306.3**	**305.0**	**308.2**	**311.5**	**318.2**	**321.3**	**324.8**
Less: Personal tax and nontax payments	**795.1**	**886.9**	**887.8**	**897.3**	**922.6**	**955.7**	**979.2**	**997.4**
Equals: Disposable personal income	**5,355.7**	**5,608.3**	**5,573.5**	**5,644.6**	**5,695.8**	**5,790.5**	**5,849.9**	**5,912.4**
Less: Personal outlays	**5,101.1**	**5,368.8**	**5,347.8**	**5,390.6**	**5,475.4**	**5,574.6**	**5,602.8**	**5,701.2**
Personal consumption expenditures	4,957.7	5,207.6	5,189.1	5,227.4	5,308.1	5,405.7	5,432.1	5,527.7
Interest paid by persons	128.5	145.2	143.0	147.4	150.5	151.9	153.1	155.7
Personal transfer payments to the rest of the world (net)	14.8	15.9	15.8	15.9	16.7	17.0	17.6	17.9
Equals: Personal saving	**254.6**	**239.6**	**225.7**	**254.0**	**220.4**	**215.9**	**247.0**	**211.1**
Addenda:								
Disposable personal income:								
Total, billions of chained (1992) dollars [2]	4,964.2	5,076.9	5,061.3	5,094.8	5,103.8	5,161.1	5,200.9	5,237.9
Per capita:								
Current dollars	20,349	21,117	21,012	21,229	21,373	21,689	21,865	22,047
Chained (1992) dollars	18,861	19,116	19,081	19,161	19,152	19,331	19,439	19,532
Population (mid-period, millions)	263.2	265.6	265.3	265.9	266.5	267.0	267.5	268.2
Personal saving as a percentage of disposable personal income	**4.8**	**4.3**	**4.1**	**4.5**	**3.9**	**3.7**	**4.2**	**3.6**

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 selected items in this table are shown in table 8.1.

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

[Billions of dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Personal consumption expenditures	**4,957.7**	**5,207.6**	**5,189.1**	**5,227.4**	**5,308.1**	**5,405.7**	**5,432.1**	**5,527.7**
Durable goods	**608.5**	**634.5**	**638.6**	**634.5**	**638.2**	**658.4**	**644.5**	**665.0**
Motor vehicles and parts	254.8	261.3	264.0	260.0	258.9	265.7	252.7	264.8
Furniture and household equipment	240.2	252.6	253.8	254.2	255.9	263.8	265.4	271.6
Other	113.6	120.6	120.8	120.3	123.4	128.9	126.5	128.6
Nondurable goods	**1,475.8**	**1,534.7**	**1,532.3**	**1,538.3**	**1,560.1**	**1,587.4**	**1,578.9**	**1,602.3**
Food	735.1	756.1	752.2	757.4	766.6	775.5	771.4	778.7
Clothing and shoes	254.7	264.3	265.7	265.7	266.2	275.2	274.8	281.4
Gasoline and oil	114.4	122.6	125.7	121.4	126.0	128.5	121.6	124.4
Fuel oil and coal	10.2	11.6	11.3	11.2	12.0	11.0	11.0	11.3
Other	361.3	380.1	377.3	382.7	389.3	397.1	400.0	406.4
Services	**2,873.4**	**3,038.4**	**3,018.2**	**3,054.6**	**3,109.8**	**3,159.9**	**3,208.7**	**3,260.5**
Housing	750.3	787.2	782.5	791.8	800.7	810.5	821.2	832.0
Household operation	300.7	315.9	317.5	313.4	321.8	320.8	326.7	330.7
Electricity and gas	119.5	125.3	126.7	122.8	126.8	124.9	127.2	128.5
Other household operation	181.2	190.6	190.8	190.6	195.0	195.9	199.5	202.2
Transportation	203.1	218.4	216.6	219.7	224.8	228.9	233.4	237.9
Medical care	772.8	808.1	803.3	811.9	826.9	841.0	849.6	859.0
Other	846.5	908.9	898.3	917.8	935.6	958.8	977.9	1,000.8

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

[Billions of chained (1992) dollars]

Personal consumption expenditures	**4,595.3**	**4,714.1**	**4,712.2**	**4,718.2**	**4,756.4**	**4,818.1**	**4,829.4**	**4,897.1**
Durable goods	**583.6**	**611.1**	**614.8**	**611.9**	**617.1**	**637.8**	**629.0**	**653.8**
Motor vehicles and parts	229.5	231.3	234.2	229.7	228.0	233.4	223.1	235.2
Furniture and household equipment	248.4	269.5	269.9	272.3	276.8	287.4	292.3	302.9
Other	107.2	113.3	113.4	113.2	116.3	121.4	119.7	121.5
Nondurable goods	**1,412.6**	**1,432.3**	**1,431.6**	**1,433.9**	**1,441.2**	**1,457.8**	**1,450.0**	**1,466.8**
Food	690.5	689.7	690.3	687.3	689.0	694.6	688.2	689.0
Clothing and shoes	257.5	267.7	268.4	270.8	270.0	277.1	273.8	282.3
Gasoline and oil	113.1	114.1	114.5	114.1	114.8	114.7	116.1	117.1
Fuel oil and coal	10.5	10.6	10.4	10.6	10.3	9.4	10.1	10.8
Other	341.3	351.2	349.1	352.5	358.3	363.7	363.4	369.9
Services	**2,599.6**	**2,671.0**	**2,666.5**	**2,672.8**	**2,698.2**	**2,723.9**	**2,749.8**	**2,777.8**
Housing	688.2	700.2	698.7	701.7	704.8	708.3	712.0	715.8
Household operation	282.9	289.6	292.0	285.8	291.7	288.0	294.2	297.5
Electricity and gas	115.0	117.8	119.7	114.8	117.7	113.8	117.8	118.8
Other household operation	167.8	171.7	172.3	170.9	173.9	174.0	176.2	178.5
Transportation	185.2	194.6	193.8	195.4	197.0	199.3	200.9	204.0
Medical care	674.9	688.1	686.2	689.8	697.1	704.4	708.8	714.3
Other	769.1	799.4	796.8	800.8	808.4	824.3	834.5	846.8
Residual	–2.9	–5.1	–5.5	–5.7	–6.0	–7.7	–7.5	–9.8

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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.

3. Government Receipts, Current Expenditures, and Gross Investment

Table 3.1.—Government Receipts and Current Expenditures

[Billions of dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Receipts	**2,250.2**	**2,412.7**	**2,407.6**	**2,426.7**	**2,479.0**	**2,526.6**	**2,566.8**	.....
Personal tax and nontax receipts	795.1	886.9	887.8	897.3	922.6	955.7	979.2	997.4
Corporate profits tax accruals	213.2	229.0	232.2	231.6	226.0	241.2	244.5	.....
Indirect business tax and nontax accruals	582.8	604.8	599.0	600.9	625.3	610.2	616.2	626.5
Contributions for social insurance	659.1	692.0	688.7	696.8	705.1	719.5	726.9	734.9
Current expenditures	**2,321.6**	**2,417.8**	**2,404.8**	**2,423.6**	**2,455.8**	**2,477.4**	**2,498.7**	**2,515.7**
Consumption expenditures	1,142.1	1,182.4	1,180.7	1,189.8	1,197.0	1,209.7	1,221.6	1,231.4
Transfer payments (net)	1,001.5	1,058.3	1,050.2	1,058.2	1,078.0	1,091.0	1,100.8	1,108.0
To persons	990.0	1,042.0	1,039.0	1,046.3	1,055.1	1,080.5	1,090.0	1,097.9
To the rest of the world (net)	11.5	16.3	11.2	11.9	22.9	10.5	10.8	10.0
Net interest paid	165.2	165.4	162.3	164.4	168.8	164.9	164.9	165.0
Interest paid	314.1	317.7	314.6	318.1	320.7	317.9	319.1	319.7
To persons and business	252.8	246.4	247.3	244.1	241.3	233.3	227.9	.....
To the rest of the world	61.3	71.3	67.3	74.0	79.4	84.6	91.2	.....
Less: Interest received by government	148.9	152.3	152.3	153.7	152.0	153.0	154.1	154.7
Less: Dividends received by government	12.5	13.6	13.6	13.7	14.0	14.3	14.7	14.7
Subsidies less current surplus of government enterprises	25.2	25.4	25.2	24.9	26.0	26.1	26.0	25.9
Subsidies	34.0	33.5	33.3	33.5	33.7	34.1	34.6	34.7
Less: Current surplus of government enterprises	8.8	8.1	8.1	8.5	7.7	8.0	8.6	8.8
Less: Wage accruals less disbursements	0	0	0	0	0	0	0	0
Current surplus or deficit (–), national income and product accounts	**–71.4**	**–5.1**	**2.8**	**3.1**	**23.2**	**49.2**	**68.1**	.....
Social insurance funds	124.7	126.6	124.7	129.7	132.0	129.9	132.0	134.3
Other	–196.0	–131.7	–121.9	–126.6	–108.8	–80.7	–63.9	.....

Table 3.2.—Federal Government Receipts and Current Expenditures

[Billions of dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Receipts	**1,463.2**	**1,587.6**	**1,583.8**	**1,598.6**	**1,641.6**	**1,675.3**	**1,709.3**	.....
Personal tax and nontax receipts	605.8	686.7	688.8	695.7	717.5	746.9	767.9	781.4
Income taxes	588.7	666.8	668.6	674.8	697.2	725.0	744.1	757.9
Estate and gift taxes	14.9	17.5	17.8	18.4	17.7	19.3	21.1	20.7
Nontaxes	2.2	2.5	2.4	2.5	2.6	2.6	2.6	2.7
Corporate profits tax accruals	182.1	194.5	197.2	196.7	192.0	204.9	207.7	.....
Federal Reserve banks	23.4	20.1	20.0	20.1	20.4	20.9	21.2	.....
Other	158.7	174.4	177.2	176.6	171.7	184.0	186.5	.....
Indirect business tax and nontax accruals	93.5	95.8	90.0	91.5	110.2	88.2	92.2	92.4
Excise taxes	58.1	56.4	54.9	55.7	59.6	56.5	59.0	59.0
Customs duties	19.4	19.2	19.5	20.2	16.8	18.6	20.5	20.9
Nontaxes	16.1	20.2	15.6	15.5	33.7	13.2	12.7	12.6
Contributions for social insurance	581.8	610.5	607.8	614.8	622.0	635.3	641.5	648.1
Current expenditures	**1,637.6**	**1,698.1**	**1,695.4**	**1,698.2**	**1,718.8**	**1,730.8**	**1,746.0**	**1,754.0**
Consumption expenditures	443.5	451.5	453.7	454.0	453.6	458.0	464.2	465.1
Transfer payments (net)	720.9	763.5	757.5	761.5	777.3	785.9	791.4	794.4
To persons	709.4	747.2	746.3	749.7	754.4	775.5	780.5	784.4
To the rest of the world (net)	11.5	16.3	11.2	11.9	22.9	10.5	10.8	10.0
Grants-in-aid to State and local governments	211.9	218.3	223.2	218.7	217.5	219.6	222.5	225.6
Net interest paid	224.8	227.1	223.5	226.6	231.8	228.9	229.8	230.9
Interest paid	250.0	253.1	250.1	253.4	256.1	253.2	254.4	255.1
To persons and business	188.7	181.8	182.7	179.5	176.7	168.7	163.3	.....
To the rest of the world	61.3	71.3	67.3	74.0	79.4	84.6	91.2	.....
Less: Interest received by government	25.2	26.0	26.6	26.9	24.3	24.4	24.6	24.2
Subsidies less current surplus of government enterprises	36.4	37.7	37.5	37.4	38.5	38.4	38.1	38.0
Subsidies	33.7	33.1	33.0	33.1	33.4	33.8	34.3	34.3
Less: Current surplus of government enterprises	–2.7	–4.6	–4.5	–4.2	–5.1	–4.7	–3.9	–3.7
Less: Wage accruals less disbursements	0	0	0	0	0	0	0	0
Current surplus or deficit (–), national income and product accounts	**–174.4**	**–110.5**	**–111.6**	**–99.5**	**–77.1**	**–55.5**	**–36.8**	.....
Social insurance funds	54.1	55.3	53.3	58.2	60.6	58.7	60.4	62.9
Other	–228.6	–165.8	–165.0	–157.8	–137.7	–114.2	–97.2	.....

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

[Billions of dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Receipts	**999.0**	**1,043.4**	**1,046.9**	**1,046.7**	**1,054.9**	**1,070.9**	**1,080.0**	.....
Personal tax and nontax receipts	189.4	200.2	198.9	201.7	205.1	208.7	211.3	216.1
Income taxes	140.3	149.1	148.2	150.3	153.1	155.7	157.4	161.3
Nontaxes	26.7	28.8	28.5	29.1	29.6	30.1	30.7	31.3
Other	22.4	22.3	22.2	22.3	22.5	22.9	23.3	23.5
Corporate profits tax accruals	31.1	34.5	35.0	34.9	34.0	36.4	36.8	.....
Indirect business tax and nontax accruals	489.3	508.9	508.9	509.4	515.1	522.0	524.0	534.1
Sales taxes	239.4	249.8	250.4	249.6	251.9	256.2	255.6	259.4
Property taxes	197.4	202.3	201.5	203.0	204.7	206.2	207.8	209.3
Other	52.5	56.8	57.1	56.8	58.5	59.6	60.6	65.4
Contributions for social insurance	77.3	81.4	80.9	82.0	83.1	84.2	85.4	86.8
Federal grants-in-aid	211.9	218.3	223.2	218.7	217.5	219.6	222.5	225.6
Current expenditures	**895.9**	**938.0**	**932.5**	**944.2**	**954.5**	**966.1**	**975.1**	**987.3**
Consumption expenditures	698.6	730.9	727.0	735.9	743.3	751.7	757.4	766.4
Transfer payments to persons	280.6	294.8	292.7	296.6	300.6	305.1	309.5	313.6
Net interest paid	–59.6	–61.7	–61.2	–62.2	–63.0	–64.0	–64.9	–65.9
Interest paid	64.1	64.6	64.6	64.6	64.7	64.6	64.6	64.6
Less: Interest received by government	123.7	126.3	125.7	126.8	127.7	128.6	129.5	130.5
Less: Dividends received by government	12.5	13.6	13.6	13.7	14.0	14.3	14.7	14.7
Subsidies less current surplus of government enterprises	–11.2	–12.3	–12.3	–12.4	–12.5	–12.3	–12.2	–12.1
Subsidies	.3	.3	.3	.3	.3	.3	.3	.3
Less: Current surplus of government enterprises	11.5	12.7	12.7	12.8	12.8	12.7	12.5	12.4
Less: Wage accruals less disbursements	0	0	0	0	0	0	0	0
Current surplus or deficit (–), national income and product accounts	**103.1**	**105.3**	**114.4**	**102.6**	**100.4**	**104.7**	**104.9**	.....
Social insurance funds	70.5	71.3	71.3	71.5	71.4	71.3	71.6	71.4
Other	32.5	34.1	43.1	31.1	28.9	33.5	33.3	.....

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

[Billions of dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Government consumption expenditures and gross investment [1]	**1,355.5**	**1,406.7**	**1,407.0**	**1,413.5**	**1,422.3**	**1,433.1**	**1,449.0**	**1,457.8**
Federal	**509.6**	**520.0**	**524.6**	**521.6**	**517.6**	**516.1**	**526.1**	**525.3**
National defense	**344.6**	**352.8**	**357.3**	**354.8**	**350.6**	**343.3**	**350.6**	**351.7**
Consumption expenditures	298.6	305.7	307.8	309.3	307.6	306.4	311.3	312.0
Durable goods [2]	21.1	22.3	23.7	24.7	20.6	20.6	21.9	23.3
Nondurable goods	6.3	7.9	8.3	8.5	7.2	7.6	6.8	7.3
Services	271.2	275.6	275.9	276.1	279.8	278.2	282.7	281.3
Compensation of general government employees, except force-account construction [3]	131.5	135.2	135.4	135.9	134.7	136.8	136.1	136.0
Consumption of general government fixed capital [4]	57.5	57.3	57.6	57.2	57.1	57.1	57.0	56.9
Other services	82.3	83.0	82.8	83.0	87.9	84.3	89.6	88.4
Gross investment	46.0	47.0	49.5	45.5	42.9	37.0	39.3	39.8
Structures	6.4	6.8	7.3	6.6	6.6	6.3	6.2	6.2
Equipment	39.6	40.2	42.2	38.8	36.3	30.7	33.1	33.5
Nondefense	**165.0**	**167.3**	**167.3**	**166.8**	**167.0**	**172.8**	**175.5**	**173.6**
Consumption expenditures	144.9	145.7	145.9	144.6	146.0	151.7	152.9	153.1
Durable goods [2]	.8	.9	1.0	.7	.5	.9	.8	.6
Nondurable goods	6.5	5.7	5.7	5.2	5.6	6.6	6.7	6.7
Commodity Credit Corporation inventory change	–.2	–.4	–.5	–.5	–.3	0	–.2	–.2
Other nondurables	6.7	6.1	6.2	5.8	5.9	6.6	6.8	6.8
Services	137.6	139.2	139.2	138.7	139.9	144.2	145.5	145.8
Compensation of general government employees, except force-account construction [3]	75.8	77.5	77.6	77.6	77.8	80.6	81.4	81.1
Consumption of general government fixed capital [4]	10.7	11.2	11.2	11.3	11.4	11.5	11.7	11.9
Other services	51.1	50.4	50.5	49.8	50.7	52.0	52.5	52.9
Gross investment	20.1	21.5	21.4	22.1	21.0	21.1	22.6	20.5
Structures	11.0	11.3	11.6	11.3	11.4	11.2	10.5	10.6
Equipment	9.1	10.2	9.9	10.9	9.6	9.9	12.0	9.8
State and local	**846.0**	**886.7**	**882.4**	**891.9**	**904.7**	**917.0**	**923.0**	**932.4**
Consumption expenditures	698.6	730.9	727.0	735.9	743.3	751.7	757.4	766.4
Durable goods [2]	14.7	15.3	15.2	15.4	15.5	15.6	15.7	15.9
Nondurable goods	73.0	78.2	78.2	78.3	80.3	81.0	79.9	80.3
Services	610.9	637.5	633.6	642.2	647.6	655.1	661.8	670.2
Compensation of general government employees, except force-account construction [3]	525.5	547.2	544.0	551.1	555.4	561.1	566.7	573.6
Consumption of general government fixed capital [4]	54.2	56.6	56.3	56.8	57.3	58.1	58.7	59.2
Other services	31.2	33.7	33.3	34.3	34.9	36.0	36.3	37.4
Gross investment	147.4	155.7	155.3	156.0	161.4	165.2	165.6	166.1
Structures	121.0	128.5	128.1	128.6	133.9	137.7	138.0	138.4
Equipment	26.4	27.3	27.2	27.4	27.4	27.5	27.6	27.7
Addenda:								
Compensation of general government employees [3]	736.5	763.9	761.0	768.5	772.0	782.7	788.4	794.9
Federal	207.3	212.8	213.1	213.5	212.6	217.5	217.5	217.2
State and local	529.2	551.0	547.9	555.0	559.4	565.2	570.9	577.8

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 force-account construction and related expenditures for goods and services are classified as investment in structures. 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 3.8.—Real Government Consumption Expenditures and Real Gross Investment by Type

[Billions of chained (1992) dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Government consumption expenditures and gross investment [1]	**1,251.9**	**1,257.9**	**1,265.1**	**1,261.5**	**1,261.8**	**1,260.5**	**1,270.1**	**1,273.3**
Federal	**470.3**	**464.2**	**470.7**	**465.7**	**459.6**	**452.8**	**460.1**	**458.8**
National defense	**322.6**	**317.8**	**323.2**	**319.4**	**313.6**	**303.9**	**309.4**	**310.2**
Consumption expenditures	280.6	275.5	278.4	278.1	274.4	270.3	273.9	274.0
Durable goods [2]	20.8	21.8	23.0	24.1	20.2	20.0	21.2	22.6
Nondurable goods	6.3	7.2	7.6	7.8	6.2	6.6	6.3	7.0
Services	253.2	246.5	247.8	246.3	247.8	243.5	246.3	244.5
Compensation of general government employees, except force-account construction [3]	122.3	117.2	118.0	117.2	115.4	114.5	113.3	113.1
Consumption of general government fixed capital [4]	52.5	51.4	51.6	51.3	51.0	50.8	50.5	50.3
Other services	78.4	78.0	78.3	77.9	81.6	78.4	83.0	81.5
Gross investment	42.1	42.3	44.9	41.4	39.2	33.5	35.4	36.2
Structures	5.4	5.6	6.0	5.4	5.4	5.0	4.9	4.9
Equipment	36.5	36.5	38.7	35.8	33.7	28.2	30.3	31.1
Nondefense	**147.5**	**146.1**	**147.2**	**146.0**	**145.7**	**148.5**	**150.2**	**148.1**
Consumption expenditures	128.0	125.3	126.5	124.6	125.1	127.7	128.2	127.8
Durable goods [2]	1.0	1.1	1.2	1.1	.9	1.2	1.2	1.1
Nondurable goods	5.8	5.1	5.2	4.7	5.1	6.0	6.0	6.0
Commodity Credit Corporation inventory change	–.2	–.2	–.3	–.4	–.2	0	–.2	–.2
Other nondurables	6.0	5.4	5.4	5.1	5.3	6.0	6.1	6.1
Services	121.3	119.1	120.2	118.9	119.1	120.6	121.1	120.9
Compensation of general government employees, except force-account construction [3]	62.9	61.3	62.3	61.7	61.4	61.6	61.9	61.3
Consumption of general government fixed capital [4]	10.3	10.8	10.7	10.8	11.0	11.1	11.2	11.3
Other services	48.5	47.4	47.5	46.7	47.2	48.3	48.6	48.9
Gross investment	19.4	21.0	20.8	21.6	20.6	20.8	22.2	20.3
Structures	10.0	10.0	10.2	10.0	10.0	9.8	9.1	9.1
Equipment	9.4	11.1	10.6	11.9	10.7	11.3	13.8	11.5
State and local	**781.6**	**793.7**	**794.4**	**795.9**	**802.3**	**807.7**	**810.1**	**814.5**
Consumption expenditures	646.0	653.6	654.2	655.7	657.8	661.1	664.3	668.5
Durable goods [2]	13.9	14.4	14.3	14.5	14.6	14.7	14.8	14.9
Nondurable goods	69.2	71.5	71.1	71.8	72.5	73.2	73.8	74.4
Services	563.0	567.9	568.9	569.6	570.9	573.5	576.0	579.4
Compensation of general government employees, except force-account construction [3]	478.2	479.9	481.1	481.5	482.0	483.5	485.4	488.0
Consumption of general government fixed capital [4]	50.7	52.0	51.9	52.2	52.6	52.9	53.2	53.5
Other services	35.1	37.4	37.3	37.3	37.9	38.8	39.0	39.6
Gross investment	135.6	140.1	140.2	140.1	144.5	146.6	145.8	146.1
Structures	109.5	112.8	112.9	112.6	116.6	118.4	117.2	117.2
Equipment	26.1	27.4	27.3	27.6	28.0	28.3	28.6	29.0
Residual	–.9	–2.1	–1.6	–2.4	–2.2	–2.1	–3.1	–2.9
Addenda:								
Compensation of general government employees [3]	667.0	661.9	665.0	664.0	662.3	663.2	664.1	665.8
Federal	185.5	178.9	180.7	179.4	177.2	176.5	175.6	174.8
State and local	481.6	483.2	484.5	484.9	485.4	487.1	489.0	491.6

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines, excluding the lines in the addenda.

See footnotes to table 3.7.

Table 3.10.—National Defense Consumption Expenditures and Gross Investment

[Billions of dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
National defense consumption expenditures and gross investment [1]	**344.6**	**352.8**	**357.3**	**354.8**	**350.6**	**343.3**	**350.6**	**351.7**
Consumption expenditures	**298.6**	**305.7**	**307.8**	**309.3**	**307.6**	**306.4**	**311.3**	**312.0**
Durable goods [2]	**21.1**	**22.3**	**23.7**	**24.7**	**20.6**	**20.6**	**21.9**	**23.3**
Aircraft	8.7	9.7	10.2	10.6	9.2	9.2	10.1	11.0
Missiles	3.1	3.2	3.2	3.8	2.8	2.8	3.1	3.2
Ships	1.2	.9	.9	1.3	.6	.7	.7	.7
Vehicles	1.1	1.0	1.0	1.1	.9	1.2	.9	.9
Electronics	2.5	2.6	2.9	2.9	2.3	2.5	2.6	2.7
Other durable goods	4.5	5.0	5.5	5.0	4.8	4.1	4.4	4.8
Nondurable goods	**6.3**	**7.9**	**8.3**	**8.5**	**7.2**	**7.6**	**6.8**	**7.3**
Petroleum products	2.8	3.4	3.4	4.1	3.0	3.1	3.0	3.0
Ammunition	1.2	1.1	1.5	1.1	.7	1.5	1.1	1.4
Other nondurable goods	2.4	3.4	3.4	3.3	3.6	3.0	2.7	3.0
Services	**271.2**	**275.6**	**275.9**	**276.1**	**279.8**	**278.2**	**282.7**	**281.3**
Compensation of general government employees, except force-account construction [3]	131.5	135.2	135.4	135.9	134.7	136.8	136.1	136.0
Military	82.1	85.8	85.7	86.3	86.2	87.1	86.7	86.6
Civilian	49.4	49.4	49.7	49.5	48.5	49.7	49.4	49.4
Consumption of general government fixed capital [4]	57.5	57.3	57.6	57.2	57.1	57.1	57.0	56.9
Other services	82.3	83.0	82.8	83.0	87.9	84.3	89.6	88.4
Research and development	20.9	23.5	22.9	24.2	26.2	25.8	27.5	25.2
Installation support	27.7	27.4	28.2	28.3	26.4	25.9	26.7	27.2
Weapons support	8.3	6.3	5.9	5.4	8.0	5.9	6.9	7.2
Personnel support	18.3	19.0	18.5	18.8	20.5	20.2	22.4	22.4
Transportation of material	4.3	4.7	5.0	4.7	4.7	4.5	4.2	4.1
Travel of persons	4.5	4.3	4.3	4.2	4.1	3.9	3.9	3.7
Other	–1.7	–2.1	–2.0	–2.6	–1.9	–1.8	–2.0	–1.4
Gross investment	**46.0**	**47.0**	**49.5**	**45.5**	**42.9**	**37.0**	**39.3**	**39.8**
Structures	**6.4**	**6.8**	**7.3**	**6.6**	**6.6**	**6.3**	**6.2**	**6.2**
Equipment	**39.6**	**40.2**	**42.2**	**38.8**	**36.3**	**30.7**	**33.1**	**33.5**
Aircraft	9.0	9.3	10.0	7.6	5.9	4.7	4.0	4.7
Missiles	4.6	4.1	4.3	4.3	3.7	2.9	3.4	3.0
Ships	8.0	6.8	7.2	6.6	6.3	5.6	6.7	6.4
Vehicles	.9	.9	.9	.9	.8	1.0	1.3	1.3
Electronics	3.5	3.6	3.7	4.0	3.2	3.3	3.4	3.6
Other equipment	13.5	15.5	16.0	15.5	16.3	13.2	14.3	14.5
Addendum:								
Compensation of general government employees [3]	131.5	135.2	135.4	135.9	134.7	136.8	136.1	136.0

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 force-account construction and related expenditures for goods and services are classified as investment in structures. The compensation of all general government employees is shown in the addendum.
4. Consumption of fixed capital, or depreciation, is included in government consumption expenditures as a partial measure of the value of the services of general government fixed assets; use of depreciation assumes a zero net return on these assets.

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

[Billions of chained (1992) dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
National defense consumption expenditures and gross investment [1]	**322.6**	**317.8**	**323.2**	**319.4**	**313.6**	**303.9**	**309.4**	**310.2**
Consumption expenditures	**280.6**	**275.5**	**278.4**	**278.1**	**274.4**	**270.3**	**273.9**	**274.0**
Durable goods [2]	**20.8**	**21.8**	**23.0**	**24.1**	**20.2**	**20.0**	**21.2**	**22.6**
Aircraft	8.5	9.3	9.8	10.2	8.9	8.9	9.8	10.7
Missiles	3.4	3.4	3.5	4.0	3.1	2.9	3.1	3.2
Ships	1.2	.8	.8	1.2	.5	.7	.7	.7
Vehicles	1.0	.9	1.0	1.1	.9	1.2	.9	.8
Electronics	2.5	2.7	3.0	3.0	2.4	2.6	2.8	2.9
Other durable goods	4.3	4.6	5.0	4.6	4.4	3.8	4.0	4.4
Nondurable goods	**6.3**	**7.2**	**7.6**	**7.8**	**6.2**	**6.6**	**6.3**	**7.0**
Petroleum products	3.1	3.1	3.2	3.7	2.4	2.6	2.9	3.1
Ammunition	1.1	1.0	1.2	1.0	.6	1.3	.9	1.2
Other nondurable goods	2.2	3.2	3.2	3.1	3.4	2.8	2.6	2.8
Services	**253.2**	**246.5**	**247.8**	**246.3**	**247.8**	**243.5**	**246.3**	**244.5**
Compensation of general government employees, except force-account construction [3]	122.3	117.2	118.0	117.2	115.4	114.5	113.3	113.1
Military	79.8	76.9	77.0	76.7	76.1	75.5	74.8	74.7
Civilian	42.6	40.4	41.1	40.6	39.4	39.0	38.6	38.5
Consumption of general government fixed capital [4]	52.5	51.4	51.6	51.3	51.0	50.8	50.5	50.3
Other services	78.4	78.0	78.3	77.9	81.6	78.4	83.0	81.5
Research and development	20.8	23.5	23.1	24.3	26.0	25.7	27.1	24.7
Installation support	25.5	24.9	25.8	25.6	23.8	23.5	24.2	24.5
Weapons support	7.8	5.7	5.3	4.9	7.1	5.2	6.1	6.3
Personnel support	17.4	17.2	16.9	17.0	18.1	17.7	19.8	19.7
Transportation of material	4.1	4.7	4.9	4.6	4.6	4.4	4.1	4.0
Travel of persons	4.2	4.1	4.2	4.0	3.8	3.6	3.6	3.4
Other	–1.6	–1.9	–1.8	–2.3	–1.6	–1.6	–1.7	–1.2
Gross investment	**42.1**	**42.3**	**44.9**	**41.4**	**39.2**	**33.5**	**35.4**	**36.2**
Structures	**5.4**	**5.6**	**6.0**	**5.4**	**5.4**	**5.0**	**4.9**	**4.9**
Equipment	**36.5**	**36.5**	**38.7**	**35.8**	**33.7**	**28.2**	**30.3**	**31.1**
Aircraft	7.2	7.1	8.1	6.4	5.0	4.0	3.3	4.2
Missiles	4.7	4.4	4.5	4.5	4.0	2.9	3.4	3.0
Ships	7.2	6.1	6.5	5.9	5.6	4.9	5.9	5.6
Vehicles	.8	.8	.8	.7	.7	.9	1.1	1.1
Electronics	3.9	4.4	4.6	5.0	4.2	4.3	4.6	4.9
Other equipment	12.8	14.1	14.5	13.9	14.7	11.8	12.7	13.0
Residual	.2	–.6	–.6	–1.0	–.9	–.5	–1.3	–1.2
Addendum:								
Compensation of general government employees [3]	122.3	117.2	118.0	117.2	115.4	114.5	113.3	113.1

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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.

See footnotes to table 3.10.

4. Foreign Transactions

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

[Billions of dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Receipts from the rest of the world	**1,041.2**	**1,105.1**	**1,092.0**	**1,099.0**	**1,153.4**	**1,170.4**	**1,221.9**	.....
Exports of goods and services	818.4	870.9	865.0	863.7	904.6	922.2	960.3	968.9
Goods [1]	583.9	617.5	613.9	609.7	640.5	656.2	690.0	694.6
Durable	394.3	421.2	420.4	415.8	438.8	455.9	486.3	488.6
Nondurable	189.6	196.3	193.5	193.9	201.6	200.3	203.7	206.1
Services [1]	234.6	253.3	251.1	254.0	264.2	266.0	270.3	274.3
Receipts of factor income	222.8	234.3	227.1	235.4	248.8	248.2	261.6	.....
Capital grants received by the United States (net)	0	0	0	0	0	0	0	0
Payments to the rest of the world	**1,041.2**	**1,105.1**	**1,092.0**	**1,099.0**	**1,153.4**	**1,170.4**	**1,221.9**	.....
Imports of goods and services	904.5	965.7	958.7	977.6	993.2	1,021.0	1,049.0	1,076.3
Goods [1]	757.5	809.0	802.9	820.2	834.6	855.8	880.1	905.6
Durable	510.3	533.6	529.6	540.3	541.3	563.4	583.8	605.1
Nondurable	247.3	275.5	273.4	279.8	293.3	292.5	296.3	300.5
Services [1]	146.9	156.7	155.8	157.5	158.6	165.2	168.9	170.6
Payments of factor income	217.5	232.6	224.3	242.3	245.6	262.5	282.3	.....
Transfer payments (net)	33.6	39.8	34.7	35.4	47.4	35.2	36.5	35.7
From persons (net)	14.8	15.9	15.8	15.9	16.7	17.0	17.6	17.9
From government (net)	11.5	16.3	11.2	11.9	22.9	10.5	10.8	10.0
From business	7.3	7.6	7.6	7.7	7.8	7.7	8.1	7.8
Net foreign investment	–114.4	–132.9	–125.6	–156.4	–132.9	–148.4	–146.0	.....

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

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

[Billions of chained (1992) dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Exports of goods and services	**791.2**	**857.0**	**847.4**	**851.4**	**901.1**	**922.7**	**962.5**	**975.7**
Goods [1]	573.9	628.4	619.2	623.0	666.2	686.2	725.8	735.7
Durable	411.2	463.3	459.1	460.8	494.0	517.0	555.8	563.4
Nondurable	164.1	169.1	164.5	166.4	177.0	176.0	179.2	181.7
Services [1]	218.0	229.9	229.3	229.4	236.8	238.9	240.8	244.1
Receipts of factor income	**207.7**	**214.2**	**208.1**	**214.8**	**226.0**	**224.6**	**236.3**	.....
Imports of goods and services	**890.1**	**971.5**	**960.0**	**990.2**	**1,006.6**	**1,048.9**	**1,099.1**	**1,135.6**
Goods [1]	749.2	823.1	811.7	841.7	857.5	891.3	938.4	972.7
Durable	511.7	569.9	559.8	582.6	596.6	630.8	660.7	690.7
Nondurable	237.2	253.5	251.9	259.4	261.6	263.3	280.1	285.5
Services [1]	141.2	149.0	148.8	149.3	150.0	158.4	161.8	164.5
Payments of factor income	**200.7**	**210.2**	**203.7**	**218.1**	**219.8**	**234.0**	**250.8**	.....

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 (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 4.3.—Exports and Imports of Goods and Services by Type of Product

[Billions of dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Exports of goods and services	**818.4**	**870.9**	**865.0**	**863.7**	**904.6**	**922.2**	**960.3**	**968.9**
Exports of goods [1]	**583.9**	**617.5**	**613.9**	**609.7**	**640.5**	**656.2**	**690.0**	**694.6**
Foods, feeds, and beverages	50.5	55.5	55.0	55.1	55.8	51.1	48.6	49.2
Industrial supplies and materials	141.3	141.0	138.5	139.5	145.9	147.4	154.0	156.6
Durable goods	49.8	51.0	51.2	51.0	51.9	53.2	55.7	55.8
Nondurable goods	91.4	90.1	87.3	88.5	94.0	94.3	98.3	100.8
Capital goods, except automotive	233.8	253.1	252.6	246.8	265.3	275.9	296.9	299.1
Civilian aircraft, engines, and parts	26.1	30.8	33.3	26.8	36.7	39.6	45.5	35.5
Computers, peripherals, and parts	39.7	43.7	43.4	43.5	43.3	46.3	50.1	53.4
Other	168.0	178.6	175.9	176.5	185.2	190.0	201.3	210.2
Automotive vehicles, engines, and parts	61.8	65.0	64.2	66.2	67.0	70.9	73.4	75.0
Consumer goods, except automotive	64.4	70.1	69.9	69.4	72.9	75.3	78.9	77.4
Durable goods	32.8	35.8	35.7	35.5	37.8	38.1	41.2	40.0
Nondurable goods	31.6	34.3	34.3	33.9	35.1	37.2	37.7	37.4
Other	32.1	32.7	33.6	32.7	33.5	35.6	38.2	37.4
Durable goods	16.1	16.3	16.8	16.3	16.8	17.8	19.1	18.7
Nondurable goods	16.1	16.3	16.8	16.3	16.8	17.8	19.1	18.7
Exports of services [1]	**234.6**	**253.3**	**251.1**	**254.0**	**264.2**	**266.0**	**270.3**	**274.3**
Transfers under U.S. military agency sales contracts	12.8	13.5	14.9	12.8	14.9	12.3	14.0	13.6
Travel	63.4	69.9	69.4	70.6	72.7	74.5	72.6	73.5
Passenger fares	19.1	20.6	19.8	20.9	21.1	21.3	21.2	21.3
Other transportation	27.4	27.2	27.2	26.9	28.6	28.2	28.8	29.0
Royalties and license fees	27.4	30.0	29.4	30.0	30.8	30.9	31.9	32.4
Other private services	65.5	72.2	71.2	72.4	75.2	77.7	80.2	82.5
Other	18.9	19.9	19.2	20.4	20.8	21.0	21.5	22.1
Imports of goods and services	**904.5**	**965.7**	**958.7**	**977.6**	**993.2**	**1,021.0**	**1,049.0**	**1,076.3**
Imports of goods [1]	**757.5**	**809.0**	**802.9**	**820.2**	**834.6**	**855.8**	**880.1**	**905.6**
Foods, feeds, and beverages	33.2	35.7	35.9	35.8	36.7	38.0	40.0	40.5
Industrial supplies and materials, except petroleum and products	119.9	125.2	123.5	127.1	128.7	130.7	134.3	137.6
Durable goods	59.8	63.1	63.0	64.7	64.9	65.7	69.4	70.0
Nondurable goods	60.1	62.1	60.4	62.4	63.8	65.0	64.9	67.6
Petroleum and products	56.2	72.7	74.1	76.2	82.2	76.7	71.0	69.2
Capital goods, except automotive	221.4	229.0	226.3	227.4	231.4	237.3	251.7	265.6
Civilian aircraft, engines, and parts	10.7	12.7	12.8	13.0	14.0	13.6	15.5	19.7
Computers, peripherals, and parts	56.3	61.5	60.8	61.7	62.8	65.5	70.5	74.2
Other	154.4	154.9	152.8	152.7	154.6	158.2	165.6	171.6
Automotive vehicles, engines, and parts	123.8	128.9	129.1	133.7	128.9	142.2	138.3	145.3
Consumer goods, except automotive	159.9	171.0	167.6	173.2	179.4	181.2	192.0	193.1
Durable goods	83.7	89.3	87.9	91.2	92.4	93.2	98.0	97.1
Nondurable goods	76.2	81.7	79.7	82.0	87.0	88.0	94.1	96.0
Other	43.2	46.4	46.5	46.7	47.2	49.6	52.8	54.4
Durable goods	21.6	23.2	23.2	23.4	23.6	24.8	26.4	27.2
Nondurable goods	21.6	23.2	23.2	23.4	23.6	24.8	26.4	27.2
Imports of services [1]	**146.9**	**156.7**	**155.8**	**157.5**	**158.6**	**165.2**	**168.9**	**170.6**
Direct defense expenditures	9.9	10.9	11.0	11.1	10.9	11.2	11.4	11.5
Travel	46.1	48.7	48.4	47.7	49.0	52.3	52.6	52.7
Passenger fares	14.4	15.8	15.8	15.7	16.2	17.1	17.2	17.4
Other transportation	28.3	28.5	29.0	28.9	28.7	29.3	30.0	30.0
Royalties and license fees	6.5	7.3	6.7	8.6	7.1	7.6	8.4	8.5
Other private services	35.4	38.9	38.4	38.9	40.0	40.9	42.4	43.6
Other	6.3	6.6	6.5	6.7	6.8	6.8	6.8	6.9
Addenda:								
Exports of agricultural goods [2]	57.2	61.5	60.3	60.4	61.8	57.3	56.4	57.6
Exports of nonagricultural goods	526.6	556.0	553.5	549.3	578.7	598.9	633.5	637.1
Imports of nonpetroleum goods	701.4	736.3	728.9	743.9	752.4	779.1	809.1	836.5

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 (1992) dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Exports of goods and services	**791.2**	**857.0**	**847.4**	**851.4**	**901.1**	**922.7**	**962.5**	**975.7**
Exports of goods [1]	**573.9**	**628.4**	**619.2**	**623.0**	**666.2**	**686.2**	**725.8**	**735.7**
Foods, feeds, and beverages	44.5	44.0	41.2	42.8	47.2	43.2	40.9	42.2
Industrial supplies and materials	116.4	121.9	119.9	121.3	126.6	127.6	133.5	135.4
Durable goods	42.3	44.8	44.7	45.4	46.3	46.9	49.1	49.2
Nondurable goods	74.2	77.1	75.3	76.0	80.4	80.8	84.5	86.2
Capital goods, except automotive	263.5	310.4	306.6	305.8	337.2	356.1	388.7	397.1
Civilian aircraft, engines, and parts	23.8	27.0	29.4	23.3	31.8	33.7	38.7	29.9
Computers, peripherals, and parts	66.5	97.2	94.0	100.3	106.8	122.3	142.5	163.5
Other	180.7	203.3	198.4	202.4	217.2	224.7	238.7	250.2
Automotive vehicles, engines, and parts	60.0	62.4	61.6	63.5	64.1	67.6	69.8	71.3
Consumer goods, except automotive	62.6	67.3	67.1	66.5	69.8	71.8	75.2	73.7
Durable goods	32.3	34.9	34.7	34.5	36.8	36.8	39.7	38.6
Nondurable goods	30.3	32.4	32.4	32.0	33.0	35.0	35.5	35.1
Other	30.4	31.5	32.1	31.6	33.0	35.1	37.8	37.2
Durable goods	15.2	15.8	16.0	15.8	16.5	17.6	18.9	18.6
Nondurable goods	15.2	15.8	16.0	15.8	16.5	17.6	18.9	18.6
Exports of services [1]	**218.0**	**229.9**	**229.3**	**229.4**	**236.8**	**238.9**	**240.8**	**244.1**
Transfers under U.S. military agency sales contracts	11.6	12.2	13.4	11.6	13.5	11.1	12.6	12.4
Travel	59.1	62.6	62.5	62.9	64.4	65.3	63.4	64.1
Passenger fares	17.4	18.7	18.3	19.1	18.8	20.7	19.4	19.7
Other transportation	26.6	25.8	25.9	25.4	26.7	26.5	27.2	27.5
Royalties and license fees	25.5	27.4	26.9	27.3	28.0	28.0	28.8	29.1
Other private services	61.8	67.0	66.1	67.0	69.3	71.4	73.5	75.3
Other	16.1	16.3	16.2	16.2	16.2	16.3	16.3	16.4
Residual	–11.9	–27.7	–25.6	–29.9	–32.4	–42.8	–55.9	–72.2
Imports of goods and services	**890.1**	**971.5**	**960.0**	**990.2**	**1,006.6**	**1,048.9**	**1,099.1**	**1,135.6**
Imports of goods [1]	**749.2**	**823.1**	**811.7**	**841.7**	**857.5**	**891.3**	**938.4**	**972.7**
Foods, feeds, and beverages	29.3	32.3	31.8	32.5	33.2	34.2	35.3	36.2
Industrial supplies and materials, except petroleum and products	107.9	114.2	112.7	116.9	117.7	118.3	123.3	125.5
Durable goods	53.5	57.3	57.1	58.8	59.1	59.1	61.7	61.9
Nondurable goods	54.3	56.8	55.6	58.1	58.5	59.2	61.6	63.6
Petroleum and products	59.3	63.8	65.9	67.5	64.0	62.2	68.1	68.0
Capital goods, except automotive	246.5	294.5	284.2	298.6	319.6	340.3	369.4	398.2
Civilian aircraft, engines, and parts	9.8	11.2	11.3	11.4	12.2	11.7	13.2	16.7
Computers, peripherals, and parts	88.7	118.3	114.4	121.5	130.2	144.4	165.2	185.4
Other	154.4	177.6	170.5	179.1	191.8	202.8	214.5	223.5
Automotive vehicles, engines, and parts	114.8	118.8	119.0	123.1	118.7	131.0	127.6	133.4
Consumer goods, except automotive	155.1	165.3	161.9	167.6	173.9	176.5	187.6	189.0
Durable goods	81.2	86.6	85.2	88.6	90.0	91.5	97.0	96.5
Nondurable goods	73.9	78.7	76.7	78.9	83.9	84.9	90.5	92.4
Other	40.2	43.2	43.2	43.6	44.0	46.4	49.6	51.1
Durable goods	20.1	21.6	21.6	21.8	22.0	23.2	24.8	25.5
Nondurable goods	20.1	21.6	21.6	21.8	22.0	23.2	24.8	25.5
Imports of services [1]	**141.2**	**149.0**	**148.8**	**149.3**	**150.0**	**158.4**	**161.8**	**164.5**
Direct defense expenditures	9.1	10.1	10.3	10.3	10.0	11.0	11.2	11.7
Travel	43.0	44.6	44.7	43.0	44.7	49.1	49.9	50.3
Passenger fares	13.9	14.9	15.0	15.0	15.1	15.7	15.3	15.5
Other transportation	28.0	27.6	28.2	28.0	27.4	28.1	28.9	29.1
Royalties and license fees	6.1	6.7	6.2	7.8	6.4	6.9	7.6	7.7
Other private services	35.4	39.2	38.6	39.3	40.3	41.4	42.9	44.0
Other	5.9	6.0	6.0	6.1	6.2	6.3	6.3	6.4
Residual	–10.7	–22.2	–19.7	–22.4	–29.1	–37.0	–47.3	–57.7
Addenda:								
Exports of agricultural goods [2]	49.5	48.6	45.4	46.8	51.7	47.7	47.2	48.9
Exports of nonagricultural goods	524.6	581.3	576.0	578.1	616.0	641.6	682.8	690.8
Imports of nonpetroleum goods	688.6	757.8	744.1	772.3	792.7	829.7	870.3	905.0

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 the detail for exports is the difference between the aggregate "exports of goods and services" and the sum of the detailed lines for exports of goods and export of services. The residual line following the detail for imports is the difference between the aggregate "imports of goods and services" and the detailed lines for imports of goods and imports of services.

See footnotes to table 4.3.

5. Saving and Investment

Table 5.1.—Gross Saving and Investment

[Billions of dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Gross saving	**1,165.5**	**1,267.8**	**1,256.3**	**1,295.9**	**1,303.0**	**1,332.9**	**1,396.9**	.....
Gross private saving	**1,093.1**	**1,125.5**	**1,106.3**	**1,145.1**	**1,131.4**	**1,134.0**	**1,178.1**	.....
Personal saving	254.6	239.6	225.7	254.0	220.4	215.9	247.0	211.1
Undistributed corporate profits with inventory valuation and capital consumption adjustments	172.4	202.1	202.6	202.3	212.6	211.5	217.6	.....
Undistributed profits	145.0	142.8	146.4	141.8	144.9	140.3	142.3	.....
Inventory valuation adjustment	–24.3	–2.5	–5.4	–2.7	3.3	3.5	5.9	7.8
Capital consumption adjustment	51.6	61.8	61.6	63.2	64.4	67.7	69.4	70.4
Corporate consumption of fixed capital	428.9	452.3	448.5	455.5	462.0	467.4	472.6	478.6
Noncorporate consumption of fixed capital	224.1	230.5	228.3	232.2	235.2	238.0	239.7	242.4
Wage accruals less disbursements	13.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
Gross government saving	**72.4**	**142.3**	**150.0**	**150.8**	**171.6**	**198.9**	**218.8**	.....
Federal	–103.6	–39.2	–40.2	–28.3	–5.9	15.9	34.7	.....
Consumption of fixed capital	70.9	71.2	71.4	71.2	71.3	71.4	71.5	71.6
Current surplus or deficit (–), national income and product accounts	–174.4	–110.5	–111.6	–99.5	–77.1	–55.5	–36.8	.....
State and local	176.0	181.5	190.2	179.1	177.5	182.9	184.1	.....
Consumption of fixed capital	72.9	76.2	75.8	76.5	77.2	78.2	79.2	79.7
Current surplus or deficit (–), national income and product accounts	103.1	105.3	114.4	102.6	100.4	104.7	104.9	.....
Capital grants received by the United States (net)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Gross investment	**1,137.2**	**1,207.9**	**1,206.0**	**1,216.4**	**1,243.5**	**1,268.6**	**1,323.4**	.....
Gross private domestic investment	1,038.2	1,116.5	1,105.4	1,149.2	1,151.1	1,193.6	1,242.0	1,253.6
Gross government investment	213.4	224.3	226.3	223.6	225.3	223.3	227.4	226.3
Net foreign investment	–114.4	–132.9	–125.6	–156.4	–132.9	–148.4	–146.0	.....
Statistical discrepancy	**–28.2**	**–59.9**	**–50.2**	**–79.5**	**–59.5**	**–64.3**	**–73.5**	.....
Addendum:								
Gross saving as a percentage of gross national product	16.0	16.6	16.5	16.9	16.7	16.8	17.4	.....

Table 5.4.—Private Fixed Investment by Type

[Billions of dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Private fixed investment	**1,008.1**	**1,090.7**	**1,082.0**	**1,112.0**	**1,119.2**	**1,127.5**	**1,160.8**	**1,200.6**
Nonresidential	**723.0**	**781.4**	**769.3**	**798.6**	**807.2**	**811.3**	**836.3**	**871.1**
Structures	**200.6**	**215.2**	**210.6**	**217.7**	**227.0**	**227.4**	**226.8**	**234.6**
Nonresidential buildings, including farm	143.8	159.8	155.5	162.5	171.2	174.0	172.1	179.3
Utilities	33.2	33.3	32.9	32.7	34.1	32.0	33.7	33.4
Mining exploration, shafts, and wells	16.3	16.1	16.0	16.5	16.0	16.1	15.6	16.1
Other structures	7.3	6.2	6.1	6.0	5.8	5.3	5.5	5.8
Producers' durable equipment	**522.4**	**566.2**	**558.7**	**580.9**	**580.2**	**583.9**	**609.5**	**636.5**
Information processing and related equipment	172.8	195.1	190.9	201.1	200.3	202.8	208.4	218.7
Computers and peripheral equipment [1]	65.6	78.7	76.8	80.9	81.0	81.8	84.5	87.5
Other	107.2	116.3	114.1	120.3	119.3	121.0	123.9	131.2
Industrial equipment	121.5	127.5	129.2	128.2	127.9	127.7	134.9	137.7
Transportation and related equipment	125.7	134.5	130.8	140.0	140.1	137.7	147.1	157.3
Other	102.4	109.1	107.9	111.5	111.9	115.7	119.1	122.7
Residential	**285.1**	**309.2**	**312.7**	**313.5**	**312.0**	**316.2**	**324.6**	**329.5**
Structures	**277.8**	**301.7**	**305.2**	**305.9**	**304.4**	**308.3**	**316.7**	**321.5**
Single family	145.2	159.1	160.2	162.2	160.6	161.0	162.5	163.6
Multifamily	17.9	20.3	21.7	19.2	20.1	21.9	23.0	22.2
Other structures	114.8	122.3	123.2	124.5	123.7	125.3	131.2	135.8
Producers' durable equipment	**7.2**	**7.5**	**7.5**	**7.5**	**7.6**	**7.9**	**7.9**	**8.0**

1. Includes new computers and peripheral equipment only.

Table 5.5.—Real Private Fixed Investment by Type

[Billions of chained (1992) dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Private fixed investment	**962.1**	**1,041.7**	**1,035.7**	**1,060.9**	**1,068.7**	**1,079.0**	**1,111.4**	**1,148.6**
Nonresidential	**706.5**	**771.7**	**759.7**	**789.3**	**800.8**	**808.9**	**837.0**	**873.7**
Structures	**179.9**	**188.7**	**185.6**	**190.0**	**196.9**	**195.9**	**193.5**	**198.2**
Nonresidential buildings, including farm	128.8	140.0	137.0	141.7	148.4	150.1	147.1	151.7
Utilities	30.0	29.3	29.1	28.7	29.5	27.5	28.7	28.2
Mining exploration, shafts, and wells	14.3	13.9	13.9	14.1	13.8	13.6	13.0	13.3
Other structures	6.7	5.5	5.4	5.4	5.1	4.6	4.7	5.0
Producers' durable equipment	**528.3**	**586.0**	**577.1**	**602.9**	**606.7**	**616.6**	**649.3**	**682.6**
Information processing and related equipment	201.8	253.1	244.8	264.3	270.4	281.4	296.9	319.3
Computers and peripheral equipment [1]	102.8	160.8	152.0	170.0	182.4	195.8	216.1	238.4
Other	107.0	116.3	114.0	120.3	119.3	121.5	124.4	131.5
Industrial equipment	113.4	117.0	118.8	117.6	116.9	116.8	123.5	125.8
Transportation and related equipment	118.9	125.0	121.8	129.5	129.7	127.5	136.0	144.5
Other	97.0	100.8	100.1	102.8	102.5	106.1	109.1	112.6
Residential	**257.0**	**272.1**	**277.2**	**274.1**	**271.1**	**273.3**	**278.2**	**280.2**
Structures	**250.0**	**265.0**	**270.0**	**266.9**	**263.9**	**265.9**	**270.8**	**272.6**
Single family	126.9	136.6	138.6	138.3	136.2	136.2	136.5	136.2
Multifamily	16.9	18.6	20.2	17.5	18.0	19.6	20.4	19.5
Other structures	106.7	110.2	111.7	111.5	110.0	110.5	114.4	117.5
Producers' durable equipment	**7.0**	**7.1**	**7.2**	**7.2**	**7.2**	**7.4**	**7.5**	**7.6**
Residual	–14.3	–39.4	–34.1	–43.7	–50.3	–58.2	–70.0	–83.2

1. Includes new computers and peripheral equipment only.

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 5.10.—Change in Business Inventories by Industry

[Billions of dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Change in business inventories	**30.1**	**25.9**	**23.4**	**37.1**	**31.9**	**66.1**	**81.1**	**53.0**
Farm	–7.9	2.9	6.2	5.8	3.2	3.9	6.2	7.8
Nonfarm	38.1	23.0	17.2	31.3	28.7	62.2	74.9	45.3
Change in book value	67.2	28.2	22.0	33.8	32.6	44.5	57.5	38.5
Inventory valuation adjustment	–29.2	–5.1	–4.8	–2.4	–3.9	17.7	17.4	6.8
Manufacturing	8.4	10.6	.5	15.3	13.3	22.3	30.9	22.0
Durable goods	5.8	10.2	4.7	14.4	6.8	12.9	19.1	16.9
Nondurable goods	2.6	.4	–4.2	.9	6.4	9.3	11.8	5.1
Wholesale trade	13.4	3.3	4.8	–7.7	10.1	24.3	26.0	8.3
Durable goods	11.7	2.5	4.1	4.7	–5.5	15.4	23.5	–2.8
Nondurable goods	1.7	.8	.7	–12.4	15.6	8.9	2.4	11.1
Merchant wholesalers	11.3	2.4	3.6	–8.0	11.7	18.9	18.4	6.6
Durable goods	10.1	1.9	3.1	4.2	–3.2	12.3	18.6	–3.3
Nondurable goods	1.2	.5	.5	–12.1	14.8	6.6	–.2	9.9
Nonmerchant wholesalers	2.1	.9	1.2	.3	–1.6	5.4	7.6	1.7
Durable goods	1.7	.6	1.0	.6	–2.3	3.1	4.9	.5
Nondurable goods	.5	.3	.2	–.3	.8	2.3	2.7	1.2
Retail trade	9.3	4.1	8.1	21.2	1.1	.6	8.3	8.3
Durable goods	6.9	1.9	9.1	14.6	–3.3	1.4	2.4	8.0
Motor vehicle dealers	4.6	–1.6	5.3	11.9	–5.3	–2.9	–4.0	5.7
Other	2.3	3.5	3.9	2.7	2.0	4.2	6.4	2.3
Nondurable goods	2.4	2.3	–1.1	6.6	4.4	–.8	5.9	.2
Other	7.0	5.0	3.8	2.5	4.3	15.2	9.8	6.7
Durable goods	4.6	2.3	.1	–.5	.8	2.1	1.8	2.6
Nondurable goods	2.3	2.6	3.7	2.9	3.4	13.0	8.0	4.1

NOTE.—Estimates for nonfarm industries other than manufacturing and trade for 1986 and earlier periods are based on the 1972 Standard Industrial Classification (SIC). Manufacturing estimates for 1981 and earlier periods and trade estimates for 1966 and and earlier periods are based on the 1972 SIC; later estimates for these industries are based on the 1987 SIC. The resulting discontinuities are small.

Table 5.11.—Real Change in Business Inventories by Industry

[Billions of chained (1992) dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Change in business inventories	**27.3**	**25.0**	**21.3**	**37.9**	**32.9**	**63.7**	**77.6**	**51.5**
Farm	–9.2	2.6	4.2	6.5	6.4	5.3	7.5	9.1
Nonfarm	35.7	22.5	17.3	31.6	26.5	58.3	70.1	42.6
Manufacturing	7.8	9.9	.6	14.3	12.3	20.9	29.0	20.7
Durable goods	5.5	9.7	4.6	13.8	6.6	12.3	18.2	16.2
Nondurable goods	2.3	.4	–3.7	.8	5.7	8.5	10.8	4.7
Wholesale trade	12.7	4.0	5.5	–5.0	9.4	22.9	24.6	7.9
Durable goods	11.3	2.4	3.9	4.5	–5.2	14.8	22.7	–2.7
Nondurable goods	1.5	1.6	1.7	–9.0	13.9	8.1	2.3	10.2
Merchant wholesalers	10.6	3.2	4.4	–5.2	10.9	17.8	17.5	6.2
Durable goods	9.6	1.8	3.0	3.9	–3.0	11.8	17.9	–3.1
Nondurable goods	1.1	1.3	1.5	–8.7	13.3	6.0	–.1	9.0
Nonmerchant wholesalers	2.1	.8	1.1	.3	–1.5	5.1	7.2	1.6
Durable goods	1.6	.6	.9	.5	–2.3	3.0	4.8	.5
Nondurable goods	.4	.3	.2	–.2	.6	2.1	2.5	1.1
Retail trade	8.8	4.0	7.8	20.0	.9	.6	7.7	7.8
Durable goods	6.3	1.7	8.3	13.3	–3.0	1.2	2.0	7.4
Motor vehicle dealers	4.1	–1.4	4.6	10.6	–4.7	–2.5	–3.7	5.2
Other	2.2	3.3	3.6	2.5	1.8	3.9	5.9	2.2
Nondurable goods	2.3	2.3	–.8	6.5	4.1	–.7	5.8	.3
Other	6.5	4.5	3.4	2.3	3.9	13.7	8.9	6.1
Durable goods	4.1	2.1	.1	–.4	.7	1.8	1.5	2.3
Nondurable goods	2.3	2.4	3.4	2.8	3.2	12.0	7.5	3.9
Residual	1.0	–.4	–.3	–.7	.5	.2	–1.0	.1

NOTE.—Chained (1992) dollar series for real change in business 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. See note to table 5.10.

Table 5.12.—Inventories and Domestic Final Sales of Business by Industry

[Billions of dollars]

	Seasonally adjusted quarterly totals					
	1996			1997		
	II	III	IV	I	II	III
Inventories [1]	**1,276.9**	**1,287.1**	**1,294.5**	**1,306.1**	**1,318.1**	**1,334.7**
Farm	104.3	106.0	102.6	107.2	107.7	110.0
Nonfarm	1,172.6	1,181.2	1,191.9	1,198.9	1,210.4	1,224.7
Durable goods	667.1	675.6	675.2	684.4	693.2	698.5
Nondurable goods	505.5	505.5	516.7	514.5	517.2	526.2
Manufacturing	432.5	436.3	440.3	443.3	448.0	453.2
Durable goods	268.4	271.4	273.7	277.0	280.7	284.6
Nondurable goods	164.0	164.9	166.6	166.3	167.3	168.6
Wholesale trade	303.2	300.3	300.8	306.2	310.8	314.5
Durable goods	185.3	186.6	184.9	188.7	194.4	193.4
Nondurable goods	117.9	113.6	116.0	117.5	116.4	121.1
Merchant wholesalers	261.5	257.9	258.6	263.4	266.6	269.4
Durable goods	160.7	161.9	160.7	163.9	168.4	167.2
Nondurable goods	100.8	96.0	97.9	99.5	98.2	102.2
Nonmerchant wholesalers	41.7	42.4	42.3	42.8	44.2	45.1
Durable goods	24.6	24.8	24.1	24.9	26.1	26.1
Nondurable goods	17.1	17.6	18.1	17.9	18.2	18.9
Retail trade	306.0	312.5	313.0	313.3	313.2	316.3
Durable goods	164.9	168.8	167.7	168.7	167.7	169.6
Motor vehicle dealers	82.6	85.5	83.9	83.6	80.9	82.4
Other	82.4	83.3	83.9	85.1	86.7	87.3
Nondurable goods	141.1	143.6	145.3	144.6	145.6	146.6
Other	130.9	132.1	137.7	136.1	138.3	140.8
Durable goods	48.5	48.7	48.9	50.0	50.5	50.9
Nondurable goods	82.4	83.4	88.8	86.2	87.9	89.9
Final sales of domestic business [2]	**529.5**	**533.1**	**542.6**	**550.0**	**556.2**	**565.5**
Final sales of goods and structures of domestic business [2]	**285.2**	**285.9**	**289.9**	**294.1**	**296.1**	**301.4**
Ratio of inventories to final sales of domestic business						
Inventories to final sales	2.41	2.41	2.39	2.37	2.37	2.36
Nonfarm inventories to final sales	2.21	2.22	2.20	2.18	2.18	2.17
Nonfarm inventories to final sales of goods and structures	4.11	4.13	4.11	4.08	4.09	4.06

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 business inventories (CBI) component of GDP. The former is the difference between two inventory stocks, each valued at their 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, CBI 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 includes a small amount of final sales by farm.

Table 5.13.—Real Inventories and Real Domestic Final Sales of Business by Industry

[Billions of chained (1992) dollars]

	Seasonally adjusted quarterly totals					
	1996			1997		
	II	III	IV	I	II	III
Inventories [1]	**1,191.2**	**1,200.7**	**1,208.9**	**1,224.8**	**1,244.2**	**1,257.1**
Farm	99.3	100.9	102.5	103.8	105.7	108.0
Nonfarm	1,091.4	1,099.3	1,105.9	1,120.5	1,138.0	1,148.7
Durable goods	626.5	634.3	634.0	641.5	652.5	658.3
Nondurable goods	464.8	464.9	471.7	478.8	485.4	490.2
Manufacturing	403.0	406.6	409.7	414.9	422.1	427.3
Durable goods	255.9	259.3	260.9	264.0	268.6	272.6
Nondurable goods	147.3	147.5	148.9	151.1	153.8	154.9
Wholesale trade	281.3	280.1	282.4	288.1	294.3	296.3
Durable goods	178.1	179.2	177.9	181.6	187.3	186.6
Nondurable goods	103.3	101.1	104.6	106.6	107.2	109.7
Merchant wholesalers	241.4	240.1	242.8	247.3	251.7	253.2
Durable goods	154.1	155.1	154.3	157.3	161.8	161.0
Nondurable goods	87.5	85.3	88.6	90.1	90.1	92.3
Nonmerchant wholesalers	39.9	39.9	39.5	40.8	42.6	43.0
Durable goods	24.0	24.2	23.6	24.3	25.5	25.7
Nondurable goods	15.9	15.8	16.0	16.5	17.1	17.4
Retail trade	287.4	292.4	292.7	292.8	294.7	296.7
Durable goods	149.8	153.2	152.4	152.7	153.2	155.1
Motor vehicle dealers	73.0	75.7	74.5	73.9	73.0	74.2
Other	76.9	77.5	78.0	79.0	80.4	81.0
Nondurable goods	137.3	138.9	140.0	139.8	141.2	141.3
Other	119.5	120.1	121.1	124.5	126.7	128.3
Durable goods	42.4	42.3	42.5	42.9	43.3	43.9
Nondurable goods	77.0	77.7	78.4	81.4	83.3	84.3
Residual	.6	.5	.7	.7	.4	.5
Final sales of domestic business [2]	**484.5**	**484.7**	**491.1**	**495.1**	**498.5**	**505.4**
Final sales of goods and structures of domestic business [2]	**268.4**	**268.2**	**271.8**	**274.5**	**275.6**	**280.4**
Ratio of inventories to final sales of domestic business						
Inventories to final sales	2.46	2.48	2.46	2.47	2.50	2.49
Nonfarm inventories to final sales	2.25	2.27	2.25	2.26	2.28	2.27
Nonfarm inventories to final sales of goods and structures	4.07	4.10	4.07	4.08	4.13	4.10

1. Inventories are as of the end of the quarter. Quarter-to-quarter changes calculated from this table are at quarterly rates, whereas, the change in the business 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 includes a small amount of final sales by farm.

NOTE.—Chained (1992) dollar inventory series are calculated as the product of the chain-type quantity index and the average of the end-of-year fixed-weighted inventories for 1991 and 1992, divided by 100. Chained (1992) dollar final sales series are calculated as the product of the chain-type index and the 1992 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

[Billions of dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
National income without capital consumption adjustment	**5,888.4**	**6,219.6**	**6,193.7**	**6,267.7**	**6,340.4**	**6,470.8**	**6,557.3**	.....
Domestic industries	**5,883.2**	**6,217.9**	**6,190.9**	**6,274.7**	**6,337.3**	**6,485.1**	**6,578.0**	.....
Private industries	**5,057.8**	**5,362.6**	**5,339.1**	**5,415.0**	**5,472.0**	**5,608.9**	**5,696.1**	.....
Agriculture, forestry, and fishing	88.2	105.6	104.8	109.0	109.6	110.8	115.5	.....
Mining	45.0	46.9	47.8	46.9	45.0	48.2	49.2	.....
Construction	266.7	285.2	283.3	286.9	291.4	298.2	302.2	.....
Manufacturing	1,069.2	1,110.1	1,110.7	1,120.8	1,122.1	1,134.6	1,160.5	.....
Durable goods	608.2	634.5	636.2	642.7	639.4	651.0	669.7	.....
Nondurable goods	461.0	475.6	474.5	478.1	482.8	483.6	490.8	.....
Transportation and public utilities	440.7	456.7	460.8	459.3	457.3	467.1	471.5	.....
Transportation	184.4	191.0	191.3	194.6	192.3	199.6	203.0	.....
Communications	128.5	135.0	137.0	137.0	133.1	135.5	135.2	.....
Electric, gas, and sanitary services	127.8	130.8	132.6	127.7	131.9	132.0	133.3	.....
Wholesale trade	325.4	349.1	340.0	350.6	364.8	372.4	379.3	.....
Retail trade	480.1	503.7	503.9	506.8	512.3	527.7	533.0	.....
Finance, insurance, and real estate	1,024.4	1,095.3	1,091.2	1,111.5	1,116.5	1,168.9	1,185.0	.....
Services	1,318.1	1,410.1	1,396.6	1,423.2	1,452.9	1,481.1	1,500.1	.....
Government	**825.3**	**855.3**	**851.8**	**859.7**	**865.2**	**876.2**	**881.9**	.....
Rest of the world	**5.2**	**1.7**	**2.8**	**–7.0**	**3.1**	**–14.3**	**–20.7**	.....

Table 6.16C.—Corporate Profits by Industry

[Billions of dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Corporate profits with inventory valuation and capital consumption adjustments	**650.0**	**735.9**	**738.5**	**739.6**	**747.8**	**779.6**	**795.1**	.....
Domestic industries	**563.2**	**640.0**	**645.2**	**647.8**	**640.3**	**682.2**	**694.4**	.....
Financial	88.7	94.2	102.4	94.6	78.5	106.8	107.7	.....
Nonfinancial	474.6	545.8	542.8	553.3	561.7	575.4	586.7	.....
Rest of the world	**86.7**	**95.9**	**93.3**	**91.8**	**107.5**	**97.4**	**100.8**	.....
Receipts from the rest of the world	120.2	132.7	128.9	133.4	142.6	139.9	148.3	.....
Less: Payments to the rest of the world	33.5	36.7	35.7	41.6	35.0	42.5	47.5	.....
Corporate profits with inventory valuation adjustment	**598.4**	**674.1**	**676.8**	**676.4**	**683.4**	**711.9**	**725.7**	.....
Domestic industries	**511.7**	**578.2**	**583.5**	**584.6**	**575.8**	**614.5**	**624.9**	.....
Financial	97.6	103.5	111.5	104.0	88.1	116.5	117.5	.....
Federal Reserve banks	22.2	22.0	21.9	22.0	22.3	22.8	23.2	.....
Other	75.4	81.5	89.6	82.0	65.8	93.7	94.3	.....
Nonfinancial	414.1	474.7	472.0	480.7	487.8	498.0	507.4	.....
Manufacturing	181.3	205.5	204.8	210.5	209.7	208.2	221.0	.....
Durable goods	85.2	99.0	98.9	102.9	99.7	101.3	111.8	.....
Primary metal industries	6.5	5.6	4.4	7.0	5.1	3.9	5.6	.....
Fabricated metal products	12.4	17.1	16.2	18.0	18.1	17.4	18.4	.....
Industrial machinery and equipment	22.0	25.8	25.9	25.6	24.6	24.0	27.8	.....
Electronic and other electric equipment	19.2	23.9	21.7	25.2	29.6	31.4	33.3	.....
Motor vehicles and equipment	–.2	–3.2	–.1	–1.5	–8.3	–1.3	–3.5	.....
Other	25.3	29.8	30.8	28.6	30.6	25.9	30.2	.....
Nondurable goods	96.0	106.5	105.8	107.7	109.9	106.9	109.2	.....
Food and kindred products	27.1	28.5	23.8	28.8	34.2	28.0	28.2	.....
Chemicals and allied products	30.3	31.2	32.4	31.5	28.9	28.8	29.9	.....
Petroleum and coal products	6.0	10.0	12.8	10.0	11.9	12.4	10.3	.....
Other	32.6	36.8	36.9	37.3	34.9	37.7	40.8	.....
Transportation and public utilities	86.4	91.7	96.0	91.2	90.5	91.5	89.6	.....
Transportation	11.4	11.7	12.5	13.0	11.4	14.9	16.4	.....
Communications	33.6	36.0	37.3	37.6	34.8	33.8	30.8	.....
Electric, gas, and sanitary services	41.4	44.0	46.2	40.6	44.3	42.8	42.4	.....
Wholesale trade	26.9	38.3	30.8	37.7	47.4	49.0	49.5	.....
Retail trade	41.9	48.9	50.6	50.6	48.3	55.1	54.9	.....
Other	77.6	90.3	89.7	90.6	91.9	94.2	92.4	.....
Rest of the world	**86.7**	**95.9**	**93.3**	**91.8**	**107.5**	**97.4**	**100.8**	.....

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

7. Quantity and Price Indexes

Table 7.1.—Quantity and Price Indexes for Gross Domestic Product

[Index numbers, 1992=100]

	1995	1996	Seasonally adjusted					
			1996			1997		
			II	III	IV	I	II	III
Gross domestic product:								
Current dollars	116.35	122.29	121.83	122.93	124.80	127.05	128.66	130.22
Chain-type quantity index	107.97	110.95	110.92	111.20	112.38	113.73	114.66	115.65
Chain-type price index	107.76	110.22	109.86	110.59	111.10	111.78	112.27	112.66
Implicit price deflator	107.76	110.21	109.84	110.54	111.05	111.71	112.22	112.60
Personal consumption expenditures:								
Current dollars	117.49	123.41	122.97	123.88	125.79	128.10	128.73	130.99
Chain-type quantity index	108.90	111.71	111.67	111.81	112.72	114.18	114.45	116.05
Chain-type price index	107.89	110.47	110.13	110.80	111.61	112.21	112.49	112.89
Implicit price deflator	107.89	110.47	110.12	110.79	111.60	112.20	112.48	112.88
Durable goods:								
Current dollars	124.57	129.88	130.72	129.87	130.64	134.77	131.92	136.12
Chain-type quantity index	119.46	125.09	125.84	125.25	126.32	130.55	128.75	133.83
Chain-type price index	104.27	103.83	103.89	103.72	103.45	103.27	102.50	101.75
Implicit price deflator	104.27	103.83	103.88	103.69	103.41	103.24	102.46	101.71
Nondurable goods:								
Current dollars	111.65	116.11	115.92	116.38	118.03	120.09	119.45	121.21
Chain-type quantity index	106.86	108.36	108.30	108.48	109.03	110.29	109.70	110.97
Chain-type price index	104.48	107.15	107.04	107.29	108.26	108.90	108.89	109.24
Implicit price deflator	104.48	107.15	107.03	107.28	108.25	108.89	108.88	109.23
Services:								
Current dollars	119.25	126.10	125.27	126.78	129.07	131.15	133.17	135.32
Chain-type quantity index	107.89	110.86	110.67	110.93	111.99	113.05	114.13	115.29
Chain-type price index	110.53	113.76	113.20	114.29	115.26	116.02	116.70	117.39
Implicit price deflator	110.53	113.76	113.19	114.28	115.25	116.01	116.69	117.38
Gross private domestic investment:								
Current dollars	131.34	141.26	139.85	145.38	145.63	151.01	157.12	158.60
Chain-type quantity index	125.44	135.26	134.00	139.21	139.77	145.39	151.45	152.87
Chain-type price index	104.71	104.50	104.31	104.63	104.50	104.23	104.07	104.08
Implicit price deflator	104.70	104.43	104.36	104.44	104.19	103.86	103.75	103.75
Fixed investment:								
Current dollars	128.67	139.22	138.11	141.94	142.86	143.91	148.17	153.25
Chain-type quantity index	122.81	132.97	132.20	135.42	136.41	137.73	141.86	146.62
Chain-type price index	104.78	104.70	104.50	104.85	104.75	104.52	104.47	104.55
Implicit price deflator	104.77	104.70	104.47	104.82	104.73	104.49	104.45	104.52
Nonresidential:								
Current dollars	129.60	140.07	137.90	143.15	144.69	145.43	149.90	156.14
Chain-type quantity index	126.65	138.33	136.19	141.48	143.54	145.00	150.03	156.62
Chain-type price index	102.33	101.26	101.29	101.21	100.82	100.31	99.93	99.72
Implicit price deflator	102.33	101.26	101.26	101.18	100.80	100.29	99.91	99.70
Structures:								
Current dollars	118.57	127.22	124.47	128.66	134.16	134.40	134.05	138.66
Chain-type quantity index	106.35	111.51	109.68	112.32	116.40	115.79	114.39	117.17
Chain-type price index	111.49	114.09	113.50	114.58	115.30	116.11	117.23	118.39
Implicit price deflator	111.49	114.09	113.48	114.55	115.26	116.07	117.19	118.34
Producers' durable equipment:								
Current dollars	134.40	145.67	143.74	149.45	149.27	150.23	156.80	163.75
Chain-type quantity index	135.91	150.77	148.48	155.10	156.09	158.63	167.05	175.61
Chain-type price index	98.89	96.62	96.84	96.38	95.65	94.72	93.88	93.26
Implicit price deflator	98.89	96.62	96.81	96.36	95.63	94.70	93.86	93.25
Residential:								
Current dollars	126.39	137.10	138.64	138.97	138.33	140.16	143.90	146.09
Chain-type quantity index	113.94	120.64	122.91	121.51	120.18	121.17	123.36	124.21
Chain-type price index	110.93	113.64	112.80	114.37	115.10	115.68	116.65	117.62
Implicit price deflator	110.93	113.64	112.80	114.36	115.10	115.68	116.65	117.62
Exports of goods and services:								
Current dollars	128.00	136.19	135.27	135.07	141.48	144.22	150.18	151.53
Chain-type quantity index	123.74	134.03	132.53	133.15	140.92	144.30	150.53	152.59
Chain-type price index	103.44	101.61	102.14	101.47	100.35	99.90	99.72	99.27
Implicit price deflator	103.44	101.61	102.07	101.44	100.39	99.95	99.77	99.31
Exports of goods:								
Current dollars	130.13	137.63	136.82	135.89	142.75	146.26	153.78	154.82
Chain-type quantity index	127.91	140.05	138.00	138.85	148.48	152.94	161.76	163.98
Chain-type price index	101.74	98.27	99.24	97.89	96.06	95.55	94.99	94.33
Implicit price deflator	101.74	98.27	99.14	97.86	96.14	95.63	95.07	94.41
Exports of services:								
Current dollars	122.97	132.81	131.64	133.14	138.49	139.43	141.70	143.81
Chain-type quantity index	114.27	120.51	120.19	120.28	124.14	125.27	126.25	127.95
Chain-type price index	107.61	110.21	109.53	110.70	111.55	111.29	112.23	112.38
Implicit price deflator	107.61	110.21	109.53	110.70	111.56	111.30	112.24	112.40
Imports of goods and services:								
Current dollars	135.20	144.36	143.32	146.14	148.47	152.63	156.81	160.89
Chain-type quantity index	133.05	145.22	143.51	148.03	150.48	156.80	164.30	169.76
Chain-type price index	101.62	99.41	99.83	98.76	98.75	97.42	95.52	94.86
Implicit price deflator	101.62	99.40	99.87	98.73	98.66	97.34	95.44	94.77
Imports of goods:								
Current dollars	139.04	148.49	147.37	150.53	153.18	157.07	161.53	166.22
Chain-type quantity index	137.50	151.06	148.97	154.49	157.37	163.58	172.24	178.53
Chain-type price index	101.12	98.30	98.88	97.47	97.42	96.11	93.87	93.19
Implicit price deflator	101.12	98.29	98.92	97.44	97.34	96.02	93.78	93.10
Imports of services:								
Current dollars	118.38	126.23	125.55	126.89	127.76	133.13	136.09	137.49
Chain-type quantity index	113.82	120.06	119.94	120.29	120.90	127.64	130.41	132.51
Chain-type price index	104.01	105.13	104.68	105.50	105.69	104.31	104.37	103.77
Implicit price deflator	104.01	105.13	104.68	105.49	105.68	104.30	104.36	103.76
Government consumption expenditures and gross investment:								
Current dollars	107.26	111.31	111.33	111.84	112.54	113.40	114.66	115.35
Chain-type quantity index	99.06	99.54	100.10	99.83	99.85	99.74	100.50	100.75
Chain-type price index	108.28	111.83	111.23	112.07	112.76	113.74	114.14	114.54
Implicit price deflator	108.28	111.83	111.22	112.04	112.71	113.69	114.09	114.49
Federal:								
Current dollars	96.51	98.49	99.37	98.79	98.03	97.75	99.64	99.50
Chain-type quantity index	89.08	87.92	89.15	88.21	87.04	85.76	87.14	86.89
Chain-type price index	108.34	112.03	111.47	112.05	112.74	114.10	114.46	114.63
Implicit price deflator	108.34	112.02	111.46	111.99	112.62	113.98	114.34	114.51
National defense:								
Current dollars	91.70	93.87	95.09	94.41	93.29	91.37	93.29	93.60
Chain-type quantity index	85.84	84.56	86.01	85.00	83.44	80.86	82.33	82.55
Chain-type price index	106.83	111.02	110.58	111.16	111.94	113.14	113.46	113.53
Implicit price deflator	106.83	111.02	110.56	111.07	111.80	112.99	113.31	113.39
Nondefense:								
Current dollars	108.39	109.90	109.93	109.58	109.72	113.52	115.31	114.05
Chain-type quantity index	96.88	96.01	96.72	95.93	95.69	97.54	98.71	97.32
Chain-type price index	111.88	114.47	113.63	114.25	114.72	116.44	116.87	117.25
Implicit price deflator	111.88	114.47	113.66	114.23	114.66	116.39	116.82	117.19
State and local:								
Current dollars	114.97	120.51	119.92	121.22	122.96	124.63	125.44	126.73
Chain-type quantity index	106.23	107.88	107.97	108.17	109.04	109.78	110.10	110.70
Chain-type price index	108.24	111.71	111.08	112.07	112.77	113.54	113.95	114.49
Implicit price deflator	108.24	111.71	111.07	112.07	112.76	113.52	113.94	114.48

NOTE.— Chain-type quantity and price indexes are calculated from weighted averages of the detailed output and prices used to prepare each aggregate and component. Implicit price deflators are weighted averages of the detailed price indexes used to prepare each aggregate and component and are calculated as the ratio of current- to chained-dollar output multiplied by 100.

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

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

[Index numbers, 1992=100]

	1995	1996	Seasonally adjusted					
			1996			1997		
			II	III	IV	I	II	III
Gross domestic product:								
Current dollars	116.35	122.29	121.83	122.93	124.80	127.05	128.66	130.22
Chain-type quantity index	107.97	110.95	110.92	111.20	112.38	113.73	114.66	115.65
Chain-type price index	107.76	110.22	109.86	110.59	111.10	111.78	112.27	112.66
Implicit price deflator	107.76	110.21	109.84	110.54	111.05	111.71	112.22	112.60
Final sales of domestic product:								
Current dollars	116.00	122.01	121.59	122.47	124.43	126.13	127.51	129.52
Chain-type quantity index	107.62	110.64	110.66	110.70	111.93	112.77	113.47	114.86
Chain-type price index	107.79	110.28	109.91	110.65	111.17	111.85	112.37	112.77
Implicit price deflator	107.79	110.28	109.88	110.63	111.16	111.85	112.37	112.77
Gross domestic purchases:								
Current dollars	117.17	123.22	122.75	124.16	125.62	128.03	129.47	131.32
Chain-type quantity index	108.98	112.17	112.11	112.77	113.46	115.09	116.14	117.45
Chain-type price index	107.52	109.86	109.50	110.15	110.79	111.32	111.55	111.89
Implicit price deflator	107.52	109.85	109.49	110.10	110.72	111.24	111.48	111.81
Final sales to domestic purchasers:								
Current dollars	116.82	122.95	122.52	123.71	125.25	127.11	128.32	130.62
Chain-type quantity index	108.63	111.86	111.86	112.28	113.02	114.14	114.96	116.66
Chain-type price index	107.54	109.91	109.54	110.20	110.85	111.39	111.65	111.99
Implicit price deflator	107.54	109.91	109.53	110.18	110.83	111.37	111.62	111.97
Addenda:								
Chain-type price indexes for gross domestic purchases:								
Food	106.38	109.42	108.76	109.98	111.02	111.35	111.79	112.67
Energy	101.92	107.01	107.91	106.72	109.23	110.89	105.91	106.11
Gross domestic purchases less food and energy	107.93	110.06	109.67	110.34	110.86	111.36	111.81	112.09

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, 1992=100]

Gross national product:								
Current dollars	116.23	122.10	121.66	122.60	124.63	126.60	128.10	.....
Chain-type quantity index	107.88	110.81	110.78	110.95	112.27	113.37	114.21	.....
Chain-type price index	107.74	110.19	109.83	110.55	111.06	111.73	112.22	.....
Implicit price deflator	107.73	110.18	109.82	110.50	111.01	111.67	112.17	.....
Less: Exports of goods and services and receipts of factor income:								
Chain-type quantity index	128.61	137.88	135.83	137.24	145.06	147.60	154.24	.....
Plus: Command-basis exports of goods and services and receipts of factor income:								
Chain-type quantity index	130.43	140.35	138.30	140.23	147.07	150.74	159.72	.....
Equals: Command-basis gross national product:								
Chain-type quantity index	108.11	111.12	111.09	111.32	112.52	113.76	114.89	.....

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, 1992=100]

	1995	1996	Seasonally adjusted					
			1996			1997		
			II	III	IV	I	II	III
Chain-type quantity indexes								
Personal consumption expenditures	**108.90**	**111.71**	**111.67**	**111.81**	**112.72**	**114.18**	**114.45**	**116.05**
Durable goods	**119.46**	**125.09**	**125.84**	**125.25**	**126.32**	**130.55**	**128.75**	**133.83**
Motor vehicles and parts	110.96	111.82	113.23	111.06	110.19	112.83	107.82	113.72
Furniture and household equipment	131.20	142.35	142.54	143.80	146.18	151.75	154.35	159.99
Other	116.10	122.72	122.87	122.66	125.98	131.48	129.70	131.66
Nondurable goods	**106.86**	**108.36**	**108.30**	**108.48**	**109.03**	**110.29**	**109.70**	**110.97**
Food	104.63	104.51	104.59	104.14	104.39	105.25	104.28	104.40
Clothing and shoes	114.19	118.70	118.99	120.09	119.73	122.88	121.39	125.17
Gasoline and oil	106.12	107.02	107.43	107.01	107.69	107.56	108.95	109.84
Fuel oil and coal	96.27	97.19	95.34	96.86	94.75	86.25	92.53	98.61
Other	107.06	110.16	109.50	110.55	112.37	114.07	113.98	116.03
Services	**107.89**	**110.86**	**110.67**	**110.93**	**111.99**	**113.05**	**114.13**	**115.29**
Housing	106.40	108.25	108.02	108.48	108.97	109.52	110.09	110.66
Household operation	113.97	116.65	117.64	115.15	117.51	116.02	118.51	119.83
Electricity and gas	107.93	110.55	112.32	107.74	110.47	106.82	110.55	111.44
Other household operation	118.44	121.17	121.60	120.61	122.71	122.79	124.38	126.02
Transportation	117.16	123.11	122.64	123.64	124.64	126.10	127.14	129.10
Medical care	104.38	106.42	106.11	106.67	107.81	108.93	109.61	110.46
Other	108.37	112.64	112.27	112.84	113.91	116.15	117.59	119.32
Chain-type price indexes								
Personal consumption expenditures	**107.89**	**110.47**	**110.13**	**110.80**	**111.61**	**112.21**	**112.49**	**112.89**
Durable goods	**104.27**	**103.83**	**103.89**	**103.72**	**103.45**	**103.27**	**102.50**	**101.75**
Motor vehicles and parts	110.99	112.95	112.70	113.15	113.55	113.84	113.26	112.55
Furniture and household equipment	96.67	93.71	94.04	93.38	92.50	91.84	90.84	89.69
Other	106.04	106.48	106.53	106.26	106.14	106.22	105.64	105.85
Nondurable goods	**104.48**	**107.15**	**107.04**	**107.29**	**108.26**	**108.90**	**108.89**	**109.24**
Food	106.46	109.63	108.98	110.20	111.27	111.65	112.09	113.02
Clothing and shoes	98.90	98.75	99.00	98.08	98.56	99.29	100.37	99.68
Gasoline and oil	101.16	107.44	109.77	106.47	109.83	112.13	104.77	106.32
Fuel oil and coal	97.23	108.92	108.68	105.69	116.17	116.49	108.78	104.55
Other	105.86	108.22	108.09	108.57	108.67	109.21	110.08	109.87
Services	**110.53**	**113.76**	**113.20**	**114.29**	**115.26**	**116.02**	**116.70**	**117.39**
Housing	109.02	112.43	112.00	112.85	113.60	114.42	115.34	116.25
Household operation	106.28	109.08	108.73	109.63	110.32	111.37	111.05	111.17
Electricity and gas	103.92	106.35	105.87	106.92	107.73	109.66	107.98	108.17
Other household operation	107.97	111.01	110.75	111.55	112.16	112.63	113.21	113.29
Transportation	109.68	112.22	111.76	112.43	114.15	114.88	116.14	116.59
Medical care	114.50	117.43	117.07	117.72	118.62	119.41	119.88	120.27
Other	110.07	113.69	112.76	114.63	115.76	116.33	117.20	118.21
Addenda:								
Price indexes for personal consumption expenditures:								
Food	106.46	109.63	108.98	110.20	111.27	111.65	112.09	113.02
Energy [1]	102.30	106.96	107.82	106.63	109.07	111.11	106.47	107.12
Personal consumption expenditures less food and energy	108.54	110.88	110.52	111.21	111.87	112.41	112.97	113.26

1. Consists of prices for gasoline and oil, fuel oil and coal, and electricity and gas.

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

[Index numbers, 1992=100]

	1995	1996	Seasonally adjusted					
			1996			1997		
			II	III	IV	I	II	III
Chain-type quantity indexes								
Private fixed investment	**122.81**	**132.97**	**132.20**	**135.42**	**136.41**	**137.73**	**141.86**	**146.62**
Nonresidential	**126.65**	**138.33**	**136.19**	**141.48**	**143.54**	**145.00**	**150.03**	**156.62**
Structures	**106.35**	**111.51**	**109.68**	**112.32**	**116.40**	**115.79**	**114.39**	**117.17**
Nonresidential buildings, including farm	113.81	123.67	121.08	125.22	131.15	132.58	129.98	134.03
Utilities	86.99	84.83	84.43	83.23	85.66	79.80	83.07	81.70
Mining exploration, shafts, and wells	107.86	104.18	104.36	106.20	103.54	102.45	97.40	99.90
Other structures	81.72	66.68	66.10	65.30	61.90	55.98	57.50	60.57
Producers' durable equipment	**135.91**	**150.77**	**148.48**	**155.10**	**156.09**	**158.63**	**167.05**	**175.61**
Information processing and related equipment	150.40	188.61	182.43	196.97	201.54	209.70	221.31	237.98
Computers and peripheral equipment [1]	233.89	365.81	345.83	386.78	414.95	445.54	491.73	542.47
Other	118.57	128.90	126.35	133.29	132.21	134.66	137.85	145.71
Industrial equipment	126.96	131.01	133.01	131.64	130.91	130.81	138.25	140.82
Transportation and related equipment	137.98	145.10	141.33	150.25	150.54	147.92	157.79	167.68
Other	122.68	127.58	126.68	130.11	129.66	134.23	138.07	142.54
Residential	**113.94**	**120.64**	**122.91**	**121.51**	**120.18**	**121.17**	**123.36**	**124.21**
Structures	**113.91**	**120.71**	**123.01**	**121.59**	**120.21**	**121.13**	**123.35**	**124.17**
Single family	108.94	117.22	118.96	118.73	116.95	116.95	117.14	116.88
Multifamily	129.13	142.27	153.96	133.41	137.49	149.84	156.03	148.94
Other structures	118.66	122.54	124.26	123.96	122.33	122.86	127.25	130.65
Producers' durable equipment	**115.09**	**118.12**	**119.04**	**118.83**	**119.28**	**122.83**	**123.91**	**126.01**
Chain-type price indexes								
Private fixed investment	**104.78**	**104.70**	**104.50**	**104.85**	**104.75**	**104.52**	**104.47**	**104.55**
Nonresidential	**102.33**	**101.26**	**101.29**	**101.21**	**100.82**	**100.31**	**99.93**	**99.72**
Structures	**111.49**	**114.09**	**113.50**	**114.58**	**115.30**	**116.11**	**117.23**	**118.39**
Nonresidential buildings, including farm	111.62	114.14	113.52	114.72	115.38	116.02	117.03	118.26
Utilities	110.79	113.70	113.07	113.75	115.29	116.17	117.45	118.37
Mining exploration, shafts, and wells	113.66	115.89	115.59	116.56	116.21	118.47	120.25	121.22
Other structures	108.30	112.33	111.93	112.46	113.43	114.82	116.51	117.16
Producers' durable equipment	**98.89**	**96.62**	**96.84**	**96.38**	**95.65**	**94.72**	**93.88**	**93.26**
Information processing and related equipment	85.64	77.09	77.91	76.06	74.05	72.06	70.16	68.48
Computers and peripheral equipment [1]	63.84	48.98	50.11	47.21	44.10	41.47	38.81	36.46
Other	100.21	100.04	100.10	100.02	100.07	99.65	99.67	99.82
Industrial equipment	107.12	108.96	108.75	109.06	109.41	109.34	109.23	109.48
Transportation and related equipment	105.71	107.56	107.40	108.18	108.03	108.09	108.22	108.94
Other	105.64	108.24	107.74	108.46	109.20	109.05	109.16	108.95
Residential	**110.93**	**113.64**	**112.80**	**114.37**	**115.10**	**115.68**	**116.65**	**117.62**
Structures	**111.12**	**113.88**	**113.03**	**114.62**	**115.36**	**115.94**	**116.96**	**117.97**
Single family	114.40	116.50	115.61	117.27	117.84	118.15	119.05	120.12
Multifamily	105.80	109.10	107.85	110.17	111.69	111.87	112.73	113.74
Other structures	107.56	111.02	110.31	111.68	112.50	113.47	114.66	115.60
Producers' durable equipment	**103.91**	**104.84**	**104.22**	**104.94**	**105.59**	**106.27**	**105.27**	**104.89**

1. Includes new computers and peripheral equipment only.

Table 7.9.—Chain-Type Quantity and Price Indexes for Exports and Imports of Goods and Services and for Receipts and Payments of Factor Income

[Index numbers, 1992=100]

	1995	1996	Seasonally adjusted					
			1996			1997		
			II	III	IV	I	II	III
Chain-type quantity indexes								
Exports of goods and services	**123.74**	**134.03**	**132.53**	**133.15**	**140.92**	**144.30**	**150.53**	**152.59**
Goods [1]	127.91	140.05	138.00	138.85	148.48	152.94	161.76	163.98
Durable	136.66	153.97	152.58	153.17	164.19	171.81	184.74	187.25
Nondurable	111.02	114.40	111.30	112.57	119.77	119.12	121.23	122.94
Services [1]	114.27	120.51	120.19	120.28	124.14	125.27	126.25	127.95
Receipts of factor income	**150.59**	**155.36**	**150.91**	**155.79**	**163.87**	**162.90**	**171.33**	.....
Imports of goods and services	**133.05**	**145.22**	**143.51**	**148.03**	**150.48**	**156.80**	**164.30**	**169.76**
Goods [1]	137.50	151.06	148.97	154.49	157.37	163.58	172.24	178.53
Durable	147.71	164.50	161.60	168.17	172.22	182.08	190.72	199.36
Nondurable	119.57	127.78	126.96	130.74	131.83	132.70	141.15	143.87
Services [1]	113.82	120.06	119.94	120.29	120.90	127.64	130.41	132.51
Payments of factor income	**158.25**	**165.78**	**160.60**	**171.97**	**173.34**	**184.53**	**197.73**	.....
Chain-type price indexes								
Exports of goods and services	**103.44**	**101.61**	**102.14**	**101.47**	**100.35**	**99.90**	**99.72**	**99.27**
Goods [1]	101.74	98.27	99.24	97.89	96.06	95.55	94.99	94.33
Durable	95.89	90.93	91.57	90.21	88.77	88.13	87.43	86.67
Nondurable	115.55	116.09	117.87	116.61	113.78	113.67	113.55	113.27
Services [1]	107.61	110.21	109.53	110.70	111.55	111.29	112.23	112.38
Receipts of factor income	**107.28**	**109.36**	**109.11**	**109.56**	**110.08**	**110.49**	**110.73**	.....
Imports of goods and services	**101.62**	**99.41**	**99.83**	**98.76**	**98.75**	**97.42**	**95.52**	**94.86**
Goods [1]	101.12	98.30	98.88	97.47	97.42	96.11	93.87	93.19
Durable	99.71	93.63	94.54	92.74	90.73	89.31	88.36	87.62
Nondurable	104.24	108.65	108.49	107.94	112.34	111.27	105.99	105.46
Services [1]	104.01	105.13	104.68	105.50	105.69	104.31	104.37	103.77
Payments of factor income	**108.39**	**110.63**	**110.14**	**111.14**	**111.81**	**112.24**	**112.65**	.....

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 Major Type of Product

[Index numbers, 1992=100]

	1995	1996	Seasonally adjusted					
			1996			1997		
			II	III	IV	I	II	III
Chain-type quantity indexes								
Exports of goods and services	**123.74**	**134.03**	**132.53**	**133.15**	**140.92**	**144.30**	**150.53**	**152.59**
Exports of goods [1]	**127.91**	**140.05**	**138.00**	**138.85**	**148.48**	**152.94**	**161.76**	**163.98**
Foods, feeds, and beverages	110.26	109.04	102.23	106.22	117.01	107.05	101.39	104.71
Industrial supplies and materials	110.83	116.02	114.10	115.44	120.53	121.51	127.10	128.91
Durable goods	114.81	121.61	121.24	123.20	125.69	127.44	133.28	133.61
Nondurable goods	108.73	113.07	110.34	111.36	117.81	118.39	123.86	126.43
Capital goods, except automotive	149.65	176.29	174.12	173.67	191.52	202.24	220.74	225.53
Civilian aircraft, engines, and parts	63.20	71.59	77.89	61.81	84.26	89.29	102.57	79.18
Computers, peripherals, and parts	231.13	337.98	326.95	348.56	371.25	425.35	495.59	568.37
Other	164.91	185.57	181.01	184.71	198.17	205.08	217.82	228.36
Automotive vehicles, engines, and parts	127.48	132.62	131.08	135.07	136.33	143.80	148.52	151.60
Consumer goods, except automotive	121.74	130.81	130.46	129.26	135.65	139.66	146.32	143.25
Durable goods	121.60	131.21	130.61	129.81	138.38	138.59	149.53	145.19
Nondurable goods	121.88	130.37	130.29	128.68	132.80	140.75	142.95	141.21
Other	105.54	109.60	111.59	109.92	114.59	122.19	131.33	129.33
Durable goods	105.54	109.60	111.59	109.92	114.60	122.20	131.33	129.33
Nondurable goods	105.54	109.60	111.59	109.92	114.59	122.19	131.33	129.32
Exports of services [1]	**114.27**	**120.51**	**120.19**	**120.28**	**124.14**	**125.27**	**126.25**	**127.95**
Transfers under U.S. military agency sales contracts	106.35	111.75	123.19	106.13	124.35	101.68	115.54	113.48
Travel	108.03	114.43	114.19	114.82	117.69	119.26	115.75	117.07
Passenger fares	104.80	112.61	110.22	114.88	113.35	124.53	116.59	118.63
Other transportation	112.34	108.78	109.20	107.32	112.55	111.72	114.98	116.06
Royalties and license fees	127.45	136.87	134.45	136.63	139.76	139.78	143.74	145.31
Other private services	123.89	134.38	132.59	134.48	139.03	143.25	147.40	150.94
Other	107.56	109.14	108.54	108.48	108.73	109.21	109.45	110.16
Imports of goods and services	**133.05**	**145.22**	**143.51**	**148.03**	**150.48**	**156.80**	**164.30**	**169.76**
Imports of goods [1]	**137.50**	**151.06**	**148.97**	**154.49**	**157.37**	**163.58**	**172.24**	**178.53**
Foods, feeds, and beverages	106.18	116.82	115.13	117.84	120.16	123.78	127.97	131.00
Industrial supplies and materials, except petroleum and products	131.03	138.73	136.90	142.02	142.95	143.73	149.80	152.48
Durable goods	136.74	146.42	145.81	150.17	150.97	150.80	157.53	158.12
Nondurable goods	125.75	131.63	128.68	134.50	135.54	137.18	142.64	147.34
Petroleum and products	114.94	123.72	127.68	130.93	123.98	120.50	132.12	131.85
Capital goods, except automotive	183.62	219.36	211.66	222.42	238.05	253.47	275.14	296.60
Civilian aircraft, engines, and parts	78.27	88.71	89.74	90.58	96.77	92.67	105.06	132.44
Computers, peripherals, and parts	279.82	373.29	361.15	383.34	410.89	455.71	521.20	585.07
Other	171.61	197.41	189.44	199.06	213.17	225.32	238.34	248.43
Automotive vehicles, engines, and parts	125.02	129.38	129.70	134.07	129.32	142.67	138.97	145.38
Consumer goods, except automotive	126.45	134.78	131.95	136.62	141.81	143.88	152.92	154.06
Durable goods	126.97	135.52	133.23	138.66	140.82	143.19	151.76	150.93
Nondurable goods	125.87	133.96	130.57	134.41	142.86	144.62	154.15	157.37
Other	116.01	124.65	124.73	125.92	127.07	133.79	143.13	147.42
Durable goods	116.01	124.65	124.73	125.92	127.07	133.79	143.13	147.42
Nondurable goods	116.01	124.65	124.73	125.92	127.07	133.79	143.13	147.42
Imports of services [1]	**113.82**	**120.06**	**119.94**	**120.29**	**120.90**	**127.64**	**130.41**	**132.51**
Direct defense expenditures	65.58	72.71	74.32	74.42	72.34	79.33	81.05	84.57
Travel	111.65	115.75	116.07	111.42	115.97	127.31	129.34	130.59
Passenger fares	131.23	141.57	142.04	142.09	143.35	149.12	144.58	146.45
Other transportation	109.77	108.20	110.62	109.77	107.70	110.16	113.41	114.12
Royalties and license fees	119.41	131.88	121.60	154.18	126.69	135.99	149.43	151.05
Other private services	141.45	156.64	154.31	157.00	161.19	165.61	171.31	175.92
Other	105.62	107.59	106.28	108.64	109.99	111.87	112.06	113.43
Addenda:								
Exports of agricultural goods [2]	112.32	110.25	103.00	106.20	117.38	108.28	107.13	111.11
Exports of nonagricultural goods	129.66	143.68	142.34	142.86	152.24	158.58	168.75	170.72
Imports of nonpetroleum goods	139.59	153.63	150.84	156.57	160.69	168.20	176.44	183.47

	1995	1996	Seasonally adjusted					
			1996			1997		
			II	III	IV	I	II	III
Chain-type price indexes								
Exports of goods and services	**103.44**	**101.61**	**102.14**	**101.47**	**100.35**	**99.90**	**99.72**	**99.27**
Exports of goods [1]	**101.74**	**98.27**	**99.24**	**97.89**	**96.06**	**95.55**	**94.99**	**94.33**
Foods, feeds, and beverages	113.49	126.27	133.86	128.50	117.48	117.60	117.98	115.63
Industrial supplies and materials	121.32	115.72	115.62	115.05	115.29	115.52	115.36	115.70
Durable goods	117.82	113.74	114.56	112.30	112.12	113.19	113.30	113.33
Nondurable goods	123.27	116.78	116.16	116.58	117.06	116.81	116.48	117.00
Capital goods, except automotive	88.73	81.56	82.36	80.68	78.60	77.42	76.31	75.25
Civilian aircraft, engines, and parts	109.60	114.01	113.35	114.97	115.70	117.81	117.63	118.93
Computers, peripherals, and parts	59.65	44.97	45.84	43.23	40.46	37.77	35.06	32.60
Other	92.97	87.85	88.68	87.16	85.25	84.49	84.28	83.94
Automotive vehicles, engines, and parts	103.13	104.25	104.13	104.24	104.53	104.92	105.15	105.14
Consumer goods, except automotive	102.91	104.27	104.25	104.39	104.53	104.80	104.86	105.12
Durable goods	101.52	102.71	102.75	102.86	102.92	103.38	103.75	103.81
Nondurable goods	104.40	105.95	105.87	106.05	106.27	106.32	106.05	106.53
Other	105.79	103.61	104.52	103.38	101.61	101.12	101.12	100.42
Durable goods	105.79	103.61	104.56	103.42	101.65	101.16	101.17	100.46
Nondurable goods	105.79	103.61	104.56	103.42	101.65	101.16	101.17	100.46
Exports of services [1]	**107.61**	**110.21**	**109.53**	**110.70**	**111.55**	**111.29**	**112.23**	**112.38**
Transfers under U.S. military agency sales contracts	110.58	111.29	110.54	109.83	109.65	110.56	110.84	109.08
Travel	107.20	111.60	111.07	112.38	112.89	114.09	114.62	114.69
Passenger fares	109.82	109.86	108.14	109.73	112.16	102.75	109.52	108.05
Other transportation	102.99	105.61	105.23	105.69	107.16	106.69	105.73	105.45
Royalties and license fees	107.34	109.41	109.17	109.62	110.14	110.55	110.79	111.32
Other private services	106.08	107.81	107.68	107.95	108.43	108.78	109.16	109.63
Other	117.80	122.10	118.51	126.05	128.28	129.06	131.79	134.25
Imports of goods and services	**101.62**	**99.41**	**99.83**	**98.76**	**98.75**	**97.42**	**95.52**	**94.86**
Imports of goods [1]	**101.12**	**98.30**	**98.88**	**97.47**	**97.42**	**96.11**	**93.87**	**93.19**
Foods, feeds, and beverages	113.17	110.72	112.89	110.06	110.71	111.37	113.17	112.17
Industrial supplies and materials, except petroleum and products	111.17	109.62	109.51	108.70	109.35	110.46	108.90	109.61
Durable goods	111.63	110.07	110.41	109.99	109.86	111.36	112.51	113.05
Nondurable goods	110.80	109.26	108.71	107.49	108.95	109.66	105.41	106.28
Petroleum and products	94.73	113.99	112.45	112.85	128.60	123.38	104.18	101.73
Capital goods, except automotive	89.83	77.78	79.47	76.05	72.32	69.65	68.05	66.62
Civilian aircraft, engines, and parts	108.75	113.54	113.14	114.47	114.99	117.21	117.65	118.66
Computers, peripherals, and parts	63.47	52.01	52.87	50.65	48.16	45.26	42.64	39.97
Other	100.02	87.18	89.42	85.15	80.62	78.03	77.23	76.78
Automotive vehicles, engines, and parts	107.88	108.57	108.43	108.64	108.67	108.67	108.50	108.93
Consumer goods, except automotive	103.10	103.45	103.56	103.37	103.14	102.67	102.38	102.17
Durable goods	103.09	103.06	103.19	102.90	102.61	101.84	101.00	100.61
Nondurable goods	103.12	103.87	103.97	103.89	103.72	103.57	103.89	103.86
Other	107.40	107.43	107.60	107.08	107.24	107.05	106.36	106.41
Durable goods	107.40	107.43	107.60	107.08	107.24	107.05	106.36	106.41
Nondurable goods	107.40	107.43	107.60	107.08	107.24	107.05	106.36	106.41
Imports of services [1]	**104.01**	**105.13**	**104.68**	**105.50**	**105.69**	**104.31**	**104.37**	**103.77**
Direct defense expenditures	109.01	107.97	106.83	107.94	108.89	101.94	101.45	97.81
Travel	107.00	109.23	108.17	110.96	109.53	106.66	105.58	104.67
Passenger fares	104.20	105.58	105.22	104.56	107.13	108.68	112.91	112.86
Other transportation	101.07	103.29	103.03	103.32	104.57	104.33	103.88	103.39
Royalties and license fees	107.35	109.42	109.17	109.62	110.14	110.55	110.79	111.32
Other private services	100.12	99.25	99.51	98.93	99.08	98.61	98.98	98.99
Other	107.16	109.36	108.76	110.20	109.96	109.04	108.74	108.68
Addenda:								
Exports of agricultural goods [2]	115.67	126.61	133.20	128.81	118.80	119.38	118.84	116.91
Exports of nonagricultural goods	100.38	95.65	96.13	95.04	93.91	93.31	92.75	92.19
Imports of nonpetroleum goods	101.86	97.16	97.92	96.32	94.93	93.92	92.98	92.44

NOTE.—See footnotes to table 4.3.

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

[Index numbers, 1992=100]

	1995	1996	Seasonally adjusted					
			1996			1997		
			II	III	IV	I	II	III
Chain-type quantity indexes								
Government consumption expenditures and gross investment [1]	**99.06**	**99.54**	**100.10**	**99.83**	**99.85**	**99.74**	**100.50**	**100.75**
Federal	**89.08**	**87.92**	**89.15**	**88.21**	**87.04**	**85.76**	**87.14**	**86.89**
National defense	**85.84**	**84.56**	**86.01**	**85.00**	**83.44**	**80.86**	**82.33**	**82.55**
Consumption expenditures	87.77	86.20	87.09	86.99	85.84	84.57	85.69	85.73
Durable goods [2]	69.25	72.27	76.56	79.98	67.04	66.37	70.43	75.24
Nondurable goods	66.48	76.05	80.52	82.30	66.02	70.26	66.46	74.16
Services	90.40	88.01	88.45	87.94	88.45	86.93	87.94	87.27
Compensation of general government employees, except force-account construction [3]	85.49	81.89	82.44	81.93	80.64	79.99	79.14	79.00
Consumption of general government fixed capital [4]	96.76	94.82	95.08	94.57	94.12	93.62	93.17	92.70
Other services	94.74	94.25	94.59	94.08	98.60	94.74	100.30	98.51
Gross investment	74.99	75.34	79.94	73.76	69.89	59.66	63.13	64.46
Structures	103.79	107.11	114.86	103.75	102.80	96.54	94.56	94.55
Equipment	71.79	71.80	76.05	70.43	66.21	55.49	59.61	61.10
Nondefense	**96.88**	**96.01**	**96.72**	**95.93**	**95.69**	**97.54**	**98.71**	**97.32**
Consumption expenditures	97.46	95.37	96.28	94.84	95.21	97.18	97.60	97.29
Durable goods [2]	...	...	...	...	...	...	...	...
Nondurable goods	...	...	...	...	...	...	...	...
Commodity Credit Corporation inventory change	...	...	...	...	...	...	...	...
Other nondurables	84.13	75.08	75.96	70.86	74.38	83.75	85.82	85.60
Services	97.37	95.57	96.44	95.43	95.61	96.75	97.23	97.01
Compensation of general government employees, except force-account construction [3]	92.95	90.66	92.07	91.20	90.70	91.10	91.42	90.58
Consumption of general government fixed capital [4]	110.42	115.70	115.08	116.42	117.80	119.30	120.73	122.01
Other services	101.84	99.49	99.75	98.03	99.16	101.47	102.05	102.61
Gross investment	93.02	100.61	99.96	103.75	99.08	100.06	106.81	97.41
Structures	96.90	97.44	99.64	96.76	97.41	94.95	88.29	88.40
Equipment	89.24	104.93	100.95	112.70	101.49	106.77	130.76	108.87
State and local	**106.23**	**107.88**	**107.97**	**108.17**	**109.04**	**109.78**	**110.10**	**110.70**
Consumption expenditures	107.02	108.28	108.38	108.63	108.98	109.53	110.06	110.74
Durable goods [2]	112.02	115.98	115.48	116.49	117.32	118.18	119.04	119.90
Nondurable goods	113.65	117.38	116.79	117.92	119.06	120.12	121.18	122.24
Services	106.16	107.08	107.28	107.41	107.66	108.15	108.61	109.25
Compensation of general government employees, except force-account construction [3]	104.72	105.08	105.35	105.44	105.54	105.87	106.30	106.87
Consumption of general government fixed capital [4]	108.66	111.57	111.21	111.94	112.66	113.37	114.07	114.76
Other services	129.97	138.73	138.30	138.20	140.65	143.86	144.66	146.73
Gross investment	102.60	106.03	106.06	106.03	109.35	110.95	110.28	110.53
Structures	101.29	104.30	104.45	104.15	107.84	109.49	108.43	108.42
Equipment	108.60	114.13	113.54	114.91	116.33	117.57	119.08	120.76
Addenda:								
Compensation of general government employees [3]	99.42	98.66	99.13	98.98	98.72	98.87	99.00	99.26
Federal	87.97	84.83	85.68	85.07	84.02	83.73	83.27	82.90
State and local	104.69	105.06	105.34	105.42	105.54	105.89	106.31	106.87

	1995	1996	Seasonally adjusted					
			1996			1997		
			II	III	IV	I	II	III
Chain-type price indexes								
Government consumption expenditures and gross investment [1]	**108.28**	**111.83**	**111.23**	**112.07**	**112.76**	**113.74**	**114.14**	**114.54**
Federal	**108.34**	**112.03**	**111.47**	**112.05**	**112.74**	**114.10**	**114.46**	**114.63**
National defense	**106.83**	**111.02**	**110.58**	**111.16**	**111.94**	**113.14**	**113.46**	**113.53**
Consumption expenditures	106.44	110.96	110.56	111.26	112.16	113.39	113.70	113.89
Durable goods [2]	101.20	102.41	102.82	102.60	102.17	102.89	103.22	102.98
Nondurable goods	100.11	109.95	108.19	109.14	116.27	114.14	107.47	104.81
Services	107.11	111.78	111.35	112.12	112.96	114.31	114.81	115.12
Compensation of general government employees, except force-account construction [3]	107.45	115.40	114.78	115.87	116.76	119.51	120.16	120.31
Consumption of general government fixed capital [4]	109.58	111.40	111.67	111.61	111.91	112.50	112.78	113.17
Other services	104.92	106.45	105.84	106.69	107.82	107.65	108.07	108.53
Gross investment	109.27	111.22	110.58	110.39	110.29	111.26	111.65	110.75
Structures	118.22	121.50	121.04	122.21	123.57	124.09	125.35	126.05
Equipment	108.31	110.07	109.40	109.00	108.67	109.72	109.95	108.80
Nondefense	**111.88**	**114.47**	**113.63**	**114.25**	**114.72**	**116.44**	**116.87**	**117.25**
Consumption expenditures	113.16	116.32	115.32	116.10	116.74	118.80	119.30	119.82
Durable goods [2]	...	...	...	...	...	...	...	...
Nondurable goods	...	...	...	...	...	...	...	...
Commodity Credit Corporation inventory change	...	...	...	...	...	...	...	...
Other nondurables	111.67	112.73	113.87	113.82	109.98	110.07	111.40	111.84
Services	113.39	116.89	115.82	116.64	117.48	119.65	120.14	120.66
Compensation of general government employees, except force-account construction [3]	120.47	126.39	124.47	125.72	126.91	130.91	131.68	132.39
Consumption of general government fixed capital [4]	104.55	104.51	104.49	104.40	104.15	104.08	103.77	104.48
Other services	105.26	106.39	106.19	106.65	107.29	107.60	107.92	108.14
Gross investment	103.72	102.76	102.90	102.53	101.99	101.63	101.67	101.18
Structures	109.99	113.14	112.84	113.30	113.92	114.63	116.18	117.08
Equipment	97.07	92.16	92.66	91.56	90.00	88.66	87.56	86.08
State and local	**108.24**	**111.71**	**111.08**	**112.07**	**112.77**	**113.54**	**113.95**	**114.49**
Consumption expenditures	108.14	111.84	111.13	112.23	113.01	113.71	114.02	114.65
Durable goods [2]	105.75	106.39	106.16	106.32	106.45	106.42	106.45	106.90
Nondurable goods	105.51	109.36	109.96	109.07	110.70	110.77	108.30	107.86
Services	108.51	112.25	111.38	112.75	113.43	114.23	114.90	115.68
Compensation of general government employees, except force-account construction [3]	109.88	114.02	113.07	114.45	115.24	116.04	116.75	117.54
Consumption of general government fixed capital [4]	106.88	108.74	108.59	108.85	108.95	109.84	110.41	110.54
Other services	88.97	90.09	89.23	91.97	92.13	92.76	93.05	94.56
Gross investment	108.69	111.14	110.84	111.34	111.69	112.73	113.64	113.73
Structures	110.45	113.93	113.48	114.25	114.90	116.36	117.75	118.11
Equipment	101.14	99.35	99.68	99.09	98.20	97.49	96.39	95.39
Addenda:								
Compensation of general government employees [3]	110.43	115.42	114.43	115.75	116.59	118.03	118.73	119.41
Federal	111.76	119.00	117.94	119.08	120.08	123.26	123.94	124.29
State and local	109.89	114.03	113.08	114.46	115.24	116.04	116.75	117.54

NOTE.—See footnotes to table 3.7.

Table 7.14.—Chain-Type Quantity and Price Indexes for Gross Domestic Product by Sector

[Index numbers, 1992=100]

	1995	1996	Seasonally adjusted					
			1996			1997		
			II	III	IV	I	II	III
Chain-type quantity indexes								
Gross domestic product	**107.97**	**110.95**	**110.92**	**111.20**	**112.38**	**113.73**	**114.66**	**115.65**
Business [1]	**109.13**	**112.70**	**112.61**	**112.93**	**114.35**	**115.92**	**116.98**	**118.09**
Nonfarm [1]	109.38	112.99	112.88	113.25	114.69	116.18	117.23	118.39
Nonfarm less housing	109.76	113.61	113.56	113.83	115.36	116.99	118.15	119.45
Housing	106.22	107.83	107.26	108.37	109.05	109.53	109.66	109.67
Farm	92.13	93.75	94.61	92.56	92.75	98.07	99.75	98.44
Households and institutions	**109.32**	**111.52**	**111.24**	**111.96**	**112.66**	**113.55**	**114.40**	**115.33**
Private households	106.92	100.06	102.26	98.67	95.09	94.77	95.54	95.97
Nonprofit institutions	109.41	111.96	111.58	112.47	113.33	114.27	115.11	116.07
General government [2]	**99.91**	**99.34**	**99.74**	**99.63**	**99.43**	**99.58**	**99.72**	**99.96**
Federal	90.44	87.79	88.48	87.94	87.08	86.80	86.40	86.06
State and local	105.05	105.65	105.87	106.00	106.18	106.56	107.00	107.57
Chain-type price indexes								
Gross domestic product	**107.76**	**110.22**	**109.86**	**110.59**	**111.10**	**111.78**	**112.27**	**112.66**
Business [1]	**107.38**	**109.56**	**109.26**	**109.95**	**110.43**	**111.00**	**111.45**	**111.78**
Nonfarm [1]	107.50	109.46	109.20	109.76	110.21	110.88	111.29	111.64
Nonfarm less housing	107.32	109.11	108.88	109.40	109.82	110.47	110.83	111.11
Housing	109.05	112.48	112.06	112.88	113.63	114.42	115.32	116.27
Farm	99.01	118.34	114.23	125.11	128.16	121.56	124.35	123.60
Households and institutions	**108.75**	**111.19**	**110.78**	**111.36**	**111.98**	**112.87**	**113.90**	**114.73**
Private households	109.61	113.51	112.56	114.29	115.40	115.86	116.84	118.22
Nonprofit institutions	108.71	111.10	110.72	111.25	111.86	112.77	113.79	114.61
General government [2]	**110.08**	**114.58**	**113.75**	**114.89**	**115.62**	**116.95**	**117.60**	**118.22**
Federal	111.04	116.82	116.09	116.92	117.71	120.19	120.74	121.12
State and local	109.61	113.53	112.65	113.93	114.64	115.46	116.15	116.88

NOTE.—See footnotes to table 1.7.

Table 7.15.—Current-Dollar Cost and Profit Per Unit of Real Gross Domestic Product of Nonfinancial Corporate Business

[Dollars]

Current-dollar cost and profit per unit of real gross domestic product [1]	**1.050**	**1.063**	**1.062**	**1.064**	**1.065**	**1.069**	**1.072**	.....
Consumption of fixed capital	**.100**	**.101**	**.101**	**.101**	**.101**	**.101**	**.101**	.....
Net domestic product	**.950**	**.962**	**.961**	**.963**	**.963**	**.968**	**.971**	.....
Indirect business tax and nontax liability plus business transfer payments less subsidies	.107	.108	.109	.108	.108	.107	.107	.....
Domestic income	.842	.853	.853	.855	.855	.861	.863	.....
Compensation of employees	.687	.690	.689	.691	.693	.697	.698	.....
Corporate profits with inventory valuation and capital consumption adjustments	.128	.140	.140	.141	.142	.143	.144	.....
Profits tax liability	.037	.040	.040	.040	.040	.040	.040	.....
Profits after tax with inventory valuation and capital consumption adjustments	.090	.101	.100	.101	.102	.103	.104	.....
Net interest	.027	.023	.024	.022	.021	.021	.021	.....

1. Equals the deflator for gross domestic product of nonfinancial corporate business with the decimal point shifted two places to the left.

Table 7.16.—Implicit Price Deflators for Inventories of Business by Industry

[Index numbers, 1992=100]

	Seasonally adjusted					
	1996			1997		
	II	III	IV	I	II	III
Inventories [1]	**107.19**	**107.20**	**107.08**	**106.63**	**105.93**	**106.17**
Farm	105.11	105.03	100.15	103.26	101.90	101.89
Nonfarm	107.44	107.45	107.77	107.00	106.36	106.62
Durable goods	106.48	106.52	106.49	106.69	106.25	106.11
Nondurable goods	108.76	108.74	109.53	107.45	106.54	107.34
Manufacturing	107.30	107.32	107.47	106.84	106.13	106.05
Durable goods	104.92	104.68	104.89	104.92	104.52	104.40
Nondurable goods	111.34	111.79	111.85	110.06	108.80	108.79
Wholesale	107.79	107.22	106.53	106.26	105.62	106.14
Durable goods	104.02	104.14	103.90	103.91	103.80	103.61
Nondurable goods	114.12	112.38	110.90	110.16	108.61	110.36
Merchant wholesalers	108.30	107.39	106.48	106.50	105.93	106.38
Durable goods	104.26	104.39	104.14	104.17	104.06	103.88
Nondurable goods	115.24	112.55	110.43	110.44	109.05	110.63
Nonmerchant wholesalers	104.73	106.18	106.86	104.87	103.79	104.73
Durable goods	102.44	102.54	102.26	102.24	102.07	101.84
Nondurable goods	108.08	111.59	113.64	108.77	106.34	109.00
Retail trade	106.46	106.85	106.96	107.01	106.28	106.61
Durable goods	110.06	110.22	110.06	110.48	109.42	109.40
Motor vehicle dealers	113.03	112.94	112.57	113.16	110.90	110.95
Other	107.09	107.50	107.52	107.79	107.83	107.76
Nondurable goods	102.76	103.39	103.80	103.44	103.08	103.77
Other	109.49	109.96	113.73	109.34	109.15	109.79
Durable goods	114.35	115.20	115.15	116.40	116.50	116.00
Nondurable goods	107.09	107.36	113.22	105.81	105.46	106.69

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

Table 7.17.—Chain-Type Quantity Indexes for Gross Domestic Product by Major Type of Product

[Index numbers, 1992=100]

	1995	1996	Seasonally adjusted					
			1996			1997		
			II	III	IV	I	II	III
Gross domestic product	**107.97**	**110.95**	**110.92**	**111.20**	**112.38**	**113.73**	**114.66**	**115.65**
Final sales of domestic product	107.62	110.64	110.66	110.70	111.93	112.77	113.47	114.86
Change in business inventories	.....	.....	.....	.....	.....	.....	.....	.....
Goods	**110.91**	**114.72**	**114.55**	**115.17**	**116.51**	**119.31**	**120.49**	**121.61**
Final sales	109.98	113.89	113.89	113.83	115.32	116.66	117.19	119.43
Change in business inventories	.....	.....	.....	.....	.....	.....	.....	.....
Durable goods	120.66	127.97	128.51	130.25	128.64	133.71	139.00	140.67
Final sales	116.39	124.84	125.26	125.41	127.35	128.97	132.66	136.57
Change in business inventories	.....	.....	.....	.....	.....	.....	.....	.....
Nondurable goods	104.20	105.69	105.06	104.94	108.19	109.52	108.07	108.83
Final sales	105.48	106.32	106.02	105.82	107.01	108.17	106.63	107.77
Change in business inventories	.....	.....	.....	.....	.....	.....	.....	.....
Services	**105.97**	**108.08**	**108.03**	**108.15**	**109.17**	**109.76**	**110.65**	**111.53**
Structures	**108.33**	**113.63**	**114.17**	**114.19**	**115.73**	**116.16**	**116.27**	**117.53**
Addenda:								
Motor vehicle output	120.55	117.55	123.15	120.25	115.23	120.59	117.22	123.60
Gross domestic product less motor vehicle output	107.54	110.73	110.50	110.89	112.28	113.50	114.57	115.38

Table 7.18.—Chain-Type Quantity Indexes for Auto Output

[Index numbers, 1992=100]

	1995	1996	Seasonally adjusted					
			1996			1997		
			II	III	IV	I	II	III
Auto output	**105.03**	**98.69**	**106.68**	**105.25**	**93.58**	**98.45**	**96.09**	**102.54**
Final sales	**102.59**	**101.94**	**104.64**	**101.44**	**99.35**	**99.31**	**94.84**	**99.56**
Personal consumption expenditures	103.75	103.07	106.14	102.94	100.38	105.11	99.69	105.59
New autos	98.13	95.25	96.55	93.43	93.83	96.91	89.70	99.51
Net purchases of used autos	.....	.....	.....	.....	.....	.....	.....	.....
Producers' durable equipment	122.99	128.03	128.88	133.95	127.22	136.19	130.82	138.66
New autos	120.70	126.10	129.07	133.00	121.72	130.80	126.22	131.72
Net purchases of used autos	.....	.....	.....	.....	.....	.....	.....	.....
Net exports	.....	.....	.....	.....	.....	.....	.....	.....
Exports	112.40	112.16	108.53	112.99	110.84	109.44	119.00	113.83
Imports	123.74	126.62	126.36	131.31	125.96	143.81	139.60	146.39
Gross government investment	111.19	102.75	85.19	89.32	115.71	103.02	82.28	80.10
Change in business inventories of new and used autos	.....	.....	.....	.....	.....	.....	.....	.....
New	.....	.....	.....	.....	.....	.....	.....	.....
Used	.....	.....	.....	.....	.....	.....	.....	.....
Addenda:								
Domestic output of new autos [1]	114.30	110.93	116.59	120.25	103.63	109.88	108.14	116.29
Sales of imported new autos [2]	101.14	98.06	97.36	97.64	99.15	108.82	102.63	109.99

1. Consists of final sales and change in business inventories of new autos assembled in the United States.
2. Consists of personal consumption expenditures, producers' durable equipment, and gross government investment.

Table 7.19.—Chain-Type Quantity Indexes for Truck Output

[Index numbers, 1992=100]

Truck output [1]	**142.80**	**144.61**	**146.75**	**141.72**	**146.38**	**152.43**	**147.62**	**153.88**
Final sales	**142.00**	**147.62**	**144.57**	**144.35**	**152.03**	**150.72**	**147.96**	**155.34**
Personal consumption expenditures	121.45	121.78	120.92	118.29	120.90	119.17	113.36	120.73
Producers' durable equipment	167.88	181.34	176.45	184.46	190.80	193.20	192.36	203.17
Net exports	.....	.....	.....	.....	.....	.....	.....	.....
Exports	134.54	156.23	156.36	147.53	177.17	175.57	169.89	170.35
Imports	110.36	116.45	119.27	125.33	113.92	133.14	130.75	146.83
Gross government investment	102.81	91.90	90.17	79.52	82.80	97.68	109.59	117.87
Change in business inventories	.....	.....	.....	.....	.....	.....	.....	.....

1. Includes new trucks only.

8. Supplementary Tables

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

[Percent]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Gross domestic product:								
Current dollars	4.6	5.1	7.7	3.6	6.2	7.4	5.2	4.9
Chain-type quantity index	2.0	2.8	6.0	1.0	4.3	4.9	3.3	3.5
Chain-type price index	2.5	2.3	1.9	2.7	1.9	2.4	1.8	1.4
Implicit price deflator	2.5	2.3	1.7	2.6	1.9	2.4	1.8	1.4
Personal consumption expenditures:								
Current dollars	5.1	5.0	6.7	3.0	6.3	7.6	2.0	7.2
Chain-type quantity index	2.4	2.6	3.7	.5	3.3	5.3	.9	5.7
Chain-type price index	2.6	2.4	2.9	2.5	3.0	2.2	1.0	1.4
Implicit price deflator	2.6	2.4	2.9	2.5	2.9	2.2	1.0	1.4
Durable goods:								
Current dollars	5.0	4.3	7.8	–2.6	2.4	13.3	–8.2	13.3
Chain-type quantity index	4.0	4.7	9.7	–1.9	3.5	14.1	–5.4	16.7
Chain-type price index	1.0	–.4	–1.4	–.6	–1.0	–.7	–3.0	–2.9
Implicit price deflator	1.0	–.4	–1.8	–.7	–1.1	–.7	–3.0	–2.9
Nondurable goods:								
Current dollars	3.3	4.0	6.6	1.6	5.8	7.2	–2.1	6.1
Chain-type quantity index	1.6	1.4	2.6	.6	2.1	4.7	–2.1	4.7
Chain-type price index	1.7	2.6	3.9	.9	3.7	2.4	0	1.3
Implicit price deflator	1.7	2.6	3.9	.9	3.7	2.4	0	1.3
Services:								
Current dollars	6.1	5.7	6.5	4.9	7.4	6.6	6.3	6.6
Chain-type quantity index	2.5	2.7	3.1	1.0	3.9	3.9	3.9	4.1
Chain-type price index	3.5	2.9	3.4	3.9	3.4	2.6	2.4	2.4
Implicit price deflator	3.4	2.9	3.4	3.9	3.4	2.6	2.4	2.4
Gross private domestic investment:								
Current dollars	3.0	7.5	18.0	16.8	.7	15.6	17.2	3.8
Chain-type quantity index	1.6	7.8	19.9	16.5	1.6	17.1	17.7	3.8
Chain-type price index	1.4	–.2	–1.0	1.2	–.5	–1.0	–.6	0
Implicit price deflator	1.4	–.3	–1.5	.3	–.9	–1.3	–.4	0
Fixed investment:								
Current dollars	6.5	8.2	13.0	11.6	2.6	3.0	12.4	14.4
Chain-type quantity index	5.1	8.3	14.4	10.1	3.0	3.9	12.6	14.1
Chain-type price index	1.3	–.1	–.7	1.4	–.4	–.9	–.2	.3
Implicit price deflator	1.3	–.1	–1.2	1.3	–.4	–.9	–.2	.3
Nonresidential:								
Current dollars	9.4	8.1	10.3	16.1	4.4	2.1	12.9	17.7
Chain-type quantity index	9.0	9.2	13.0	16.5	5.9	4.1	14.6	18.7
Chain-type price index	.4	–1.0	–1.7	–.3	–1.5	–2.0	–1.5	–.9
Implicit price deflator	.4	–1.0	–2.4	–.3	–1.5	–2.0	–1.5	–.9
Structures:								
Current dollars	8.7	7.3	9.9	14.2	18.2	.7	–1.0	14.5
Chain-type quantity index	4.3	4.8	7.9	10.0	15.3	–2.1	–4.7	10.1
Chain-type price index	4.2	2.3	1.9	3.9	2.5	2.8	3.9	4.0
Implicit price deflator	4.2	2.3	1.9	3.8	2.5	2.8	3.9	4.0
Producers' durable equipment:								
Current dollars	9.7	8.4	10.4	16.9	–.5	2.6	18.7	18.9
Chain-type quantity index	10.8	10.9	14.9	19.1	2.6	6.7	23.0	22.1
Chain-type price index	–1.0	–2.3	–3.1	–1.9	–3.0	–3.8	–3.5	–2.6
Implicit price deflator	–1.0	–2.3	–3.9	–1.9	–3.0	–3.8	–3.5	–2.6
Residential:								
Current dollars	–.3	8.5	20.0	1.0	–1.8	5.4	11.1	6.2
Chain-type quantity index	–3.8	5.9	17.9	–4.5	–4.3	3.3	7.4	2.8
Chain-type price index	3.6	2.4	1.8	5.7	2.6	2.0	3.4	3.4
Implicit price deflator	3.6	2.4	1.8	5.7	2.6	2.0	3.4	3.4
Exports of goods and services:								
Current dollars	13.5	6.4	7.1	–.6	20.4	8.0	17.6	3.7
Chain-type quantity index	11.1	8.3	9.6	1.9	25.5	9.9	18.4	5.6
Chain-type price index	2.2	–1.8	–1.4	–2.6	–4.3	–1.8	–.7	–1.8
Implicit price deflator	2.2	–1.8	–2.3	–2.4	–4.1	–1.8	–.7	–1.8
Exports of goods:								
Current dollars	14.6	5.8	5.2	–2.7	21.8	10.2	22.2	2.7
Chain-type quantity index	12.6	9.5	9.6	2.5	30.7	12.6	25.1	5.6
Chain-type price index	1.8	–3.4	–2.7	–5.3	–7.3	–2.1	–2.3	–2.7
Implicit price deflator	1.8	–3.4	–4.0	–5.1	–6.9	–2.1	–2.3	–2.7
Exports of services:								
Current dollars	10.9	8.0	12.0	4.6	17.1	2.7	6.7	6.1
Chain-type quantity index	7.4	5.5	9.7	.3	13.5	3.7	3.2	5.5
Chain-type price index	3.2	2.4	1.7	4.3	3.1	–.9	3.4	.5
Implicit price deflator	3.2	2.4	2.1	4.3	3.1	–.9	3.4	.5
Imports of goods and services:								
Current dollars	11.4	6.8	11.4	8.1	6.5	11.7	11.4	10.8
Chain-type quantity index	8.9	9.1	14.1	13.2	6.8	17.9	20.5	14.0
Chain-type price index	2.2	–2.2	–1.8	–4.2	0	–5.3	–7.6	–2.8
Implicit price deflator	2.2	–2.2	–2.3	–4.5	–.3	–5.3	–7.6	–2.8
Imports of goods:								
Current dollars	11.9	6.8	13.2	8.9	7.2	10.5	11.8	12.1
Chain-type quantity index	9.5	9.9	16.4	15.7	7.7	16.7	22.9	15.4
Chain-type price index	2.2	–2.8	–2.1	–5.6	–.2	–5.3	–9.0	–2.9
Implicit price deflator	2.2	–2.8	–2.8	–5.9	–.4	–5.3	–9.0	–2.9
Imports of services:								
Current dollars	8.6	6.6	2.7	4.3	2.8	17.9	9.2	4.2
Chain-type quantity index	6.1	5.5	2.7	1.2	2.1	24.2	8.9	6.6
Chain-type price index	2.4	1.1	.1	3.1	.7	–5.1	.2	–2.3
Implicit price deflator	2.4	1.1	0	3.1	.7	–5.1	.2	–2.3
Government consumption expenditures and gross investment:								
Current dollars	3.2	3.8	6.8	1.8	2.5	3.1	4.5	2.4
Chain-type quantity index	0	.5	7.2	–1.1	.1	–.4	3.1	1.0
Chain-type price index	3.3	3.3	–.2	3.1	2.5	3.5	1.4	1.4
Implicit price deflator	3.3	3.3	–.4	3.0	2.4	3.5	1.4	1.4
Federal:								
Current dollars	–.1	2.1	6.6	–2.3	–3.0	–1.1	7.9	–.6
Chain-type quantity index	–3.3	–1.3	8.8	–4.2	–5.2	–5.8	6.6	–1.2
Chain-type price index	3.3	3.4	–1.4	2.1	2.5	4.9	1.3	.6
Implicit price deflator	3.3	3.4	–2.1	1.9	2.3	4.9	1.3	.6
National defense:								
Current dollars	–1.3	2.4	10.7	–2.8	–4.7	–8.0	8.7	1.3
Chain-type quantity index	–4.3	–1.5	11.0	–4.6	–7.1	–11.8	7.5	1.1
Chain-type price index	3.1	3.9	.7	2.1	2.8	4.3	1.1	.2
Implicit price deflator	3.1	3.9	–.3	1.9	2.6	4.3	1.1	.3
Nondefense:								
Current dollars	2.4	1.4	–1.6	–1.3	.5	14.6	6.4	–4.3
Chain-type quantity index	–1.4	–.9	4.3	–3.2	–1.0	8.0	4.9	–5.5
Chain-type price index	3.9	2.3	–5.6	2.2	1.7	6.1	1.5	1.3
Implicit price deflator	3.9	2.3	–5.7	2.0	1.5	6.1	1.5	1.3
State and local:								
Current dollars	5.4	4.8	6.9	4.4	5.9	5.5	2.6	4.2
Chain-type quantity index	2.1	1.6	6.3	.7	3.3	2.7	1.2	2.2
Chain-type price index	3.2	3.2	.6	3.6	2.5	2.7	1.5	1.9
Implicit price deflator	3.2	3.2	.5	3.6	2.5	2.7	1.5	1.9
Addenda:								
Final sales of domestic product:								
Current dollars	5.1	5.2	7.0	2.9	6.6	5.6	4.4	6.5
Chain-type quantity index	2.5	2.8	5.2	.2	4.5	3.0	2.5	5.0
Chain-type price index	2.5	2.3	1.9	2.7	1.9	2.5	1.9	1.4
Implicit price deflator	2.5	2.3	1.7	2.7	2.0	2.5	1.9	1.4
Gross domestic purchases:								
Current dollars	4.5	5.2	8.2	4.7	4.8	7.9	4.6	5.8
Chain-type quantity index	1.9	2.9	6.5	2.4	2.5	5.9	3.7	4.6
Chain-type price index	2.5	2.2	1.8	2.4	2.4	1.9	.8	1.2
Implicit price deflator	2.6	2.2	1.6	2.2	2.3	1.9	.9	1.2
Final sales to domestic purchasers:								
Current dollars	4.9	5.2	7.6	4.0	5.1	6.1	3.9	7.4
Chain-type quantity index	2.3	3.0	5.8	1.5	2.7	4.0	2.9	6.0
Chain-type price index	2.6	2.2	1.8	2.4	2.4	2.0	.9	1.3
Implicit price deflator	2.6	2.2	1.7	2.4	2.4	2.0	.9	1.3
Gross national product:								
Current dollars	4.5	5.0	7.4	3.1	6.8	6.5	4.9	.....
Chain-type quantity index	2.0	2.7	5.7	.6	4.9	4.0	3.0	.....
Chain-type price index	2.5	2.3	1.9	2.6	1.9	2.4	1.8	.....
Implicit price deflator	2.5	2.3	1.6	2.5	1.8	2.4	1.8	.....
Command-basis gross national product:								
Chain-type quantity index	2.0	2.8	5.7	.8	4.4	4.5	4.0	.....
Disposable personal income:								
Current dollars	6.0	4.7	4.0	5.2	3.7	6.8	4.2	4.3
Chained (1992) dollars	3.3	2.3	1.1	2.7	.7	4.6	3.1	2.9

NOTE.—Except for disposable personal income, the quantity and price indexes are calculated from weighted averages of the detailed output and prices used to prepare each aggregate and component. Prior to the third quarter of 1996, these indexes use the geometric mean of weights that reflect the composition of output for the preceding and current years. Beginning with the third quarter of 1996, these indexes use weights that reflect the composition of output in the two adjacent quarters. Implicit price deflators are weighted averages of the detailed price indexes used to prepare each aggregate and component and are calculated as the ratio of current- to chained-dollar output multiplied by 100. (Contributions to the percent change in real gross domestic product are shown in table 8.2.)

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

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Percent change at annual rate:								
Gross domestic product	**2.0**	**2.8**	**6.0**	**1.0**	**4.3**	**4.9**	**3.3**	**3.5**
Percentage points at annual rates:								
Personal consumption expenditures	**1.7**	**1.8**	**2.5**	**.4**	**2.2**	**3.6**	**.6**	**3.8**
Durable goods	.3	.4	.8	–.2	.3	1.1	–.5	1.3
Nondurable goods	.3	.3	.5	.1	.4	.9	–.4	.9
Services	1.0	1.1	1.2	.4	1.5	1.5	1.5	1.6
Gross private domestic investment	**.2**	**1.1**	**2.6**	**2.3**	**.2**	**2.4**	**2.5**	**.6**
Fixed investment	.7	1.1	1.9	1.4	.4	.6	1.7	1.9
Nonresidential	.8	.9	1.3	1.6	.6	.4	1.4	1.8
Structures	.1	.1	.2	.3	.4	–.1	–.1	.3
Producers' durable equipment	.7	.8	1.0	1.3	.2	.5	1.6	1.6
Residential	–.2	.2	.7	–.2	–.2	.1	.3	.1
Change in business inventories	–.5	0	.7	.8	–.2	1.8	.8	–1.3
Net exports of goods and services	**.1**	**–.2**	**–.6**	**–1.4**	**1.8**	**–1.0**	**–.4**	**–1.1**
Exports	1.1	.9	1.1	.2	2.7	1.1	2.0	.7
Goods	.9	.7	.8	.2	2.2	1.0	1.9	.5
Services	.2	.2	.3	0	.4	.1	.1	.2
Imports	–1.0	–1.1	–1.7	–1.6	–.8	–2.1	–2.5	–1.7
Goods	–.9	–1.0	–1.6	–1.6	–.8	–1.7	–2.3	–1.6
Services	–.1	–.1	–.1	0	0	–.5	–.2	–.1
Government consumption expenditures and gross investment	**0**	**.1**	**1.3**	**–.2**	**0**	**–.1**	**.6**	**.2**
Federal	–.2	–.1	.6	–.3	–.4	–.4	.4	–.1
National defense	–.2	–.1	.5	–.2	–.3	–.6	.3	0
Nondefense	0	0	.1	–.1	0	.2	.1	–.1
State and local	.2	.2	.7	.1	.4	.3	.1	.3

Table 8.3.—Selected Per Capita Product and Income Series in Current and Chained Dollars

[Dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Current dollars:								
Gross domestic product	27,605	28,752	28,680	28,869	29,243	29,715	30,030	30,323
Gross national product	27,625	28,759	28,691	28,843	29,254	29,662	29,952	.....
Personal income	23,370	24,457	24,359	24,604	24,835	25,268	25,525	25,766
Disposable personal income	20,349	21,117	21,012	21,229	21,373	21,689	21,865	22,047
Personal consumption expenditures	18,837	19,608	19,562	19,660	19,919	20,247	20,303	20,613
Durable goods	2,312	2,389	2,407	2,386	2,395	2,466	2,409	2,480
Nondurable goods	5,607	5,779	5,776	5,786	5,854	5,945	5,901	5,975
Services	10,917	11,441	11,378	11,488	11,669	11,836	11,993	12,158
Chained (1992) dollars:								
Gross domestic product	25,616	26,088	26,111	26,116	26,333	26,599	26,760	26,930
Gross national product	25,642	26,101	26,126	26,102	26,354	26,562	26,704	.....
Disposable personal income	18,861	19,116	19,081	19,161	19,152	19,331	19,439	19,532
Personal consumption expenditures	17,460	17,750	17,765	17,745	17,848	18,046	18,051	18,261
Durable goods	2,217	2,301	2,318	2,301	2,316	2,389	2,351	2,438
Nondurable goods	5,367	5,393	5,397	5,393	5,408	5,460	5,420	5,470
Services	9,877	10,057	10,052	10,052	10,125	10,202	10,278	10,358
Population (mid-period, thousands)	263,194	265,579	265,258	265,887	266,491	266,987	267,545	268,171

Table 8.4.—Auto Output

[Billions of dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Auto output	**140.4**	**134.6**	**144.6**	**144.5**	**128.7**	**136.4**	**130.2**	**140.5**
Final sales	**137.2**	**140.0**	**143.0**	**140.2**	**138.0**	**137.9**	**131.1**	**136.2**
Personal consumption expenditures	139.5	141.3	145.0	141.5	138.4	145.2	136.7	143.0
New autos	87.1	86.1	87.0	84.8	85.3	87.9	81.3	90.1
Net purchases of used autos	52.4	55.3	58.1	56.7	53.2	57.3	55.4	52.9
Producers' durable equipment	42.3	45.3	45.3	48.0	45.9	48.8	47.4	51.2
New autos	74.5	79.2	80.8	84.0	76.9	82.5	79.5	82.9
Net purchases of used autos	–32.2	–33.9	–35.5	–35.9	–31.1	–33.7	–32.1	–31.7
Net exports	–47.1	–48.9	–49.2	–51.3	–48.8	–58.4	–54.9	–59.8
Exports	16.7	17.0	16.4	17.1	16.8	16.6	18.1	17.4
Imports	63.8	65.9	65.6	68.3	65.7	75.0	73.0	77.2
Gross government investment	2.4	2.3	1.9	2.0	2.6	2.3	1.9	1.8
Change in business inventories of new and used autos	**3.2**	**–5.4**	**1.6**	**4.3**	**–9.3**	**–1.5**	**–.9**	**4.2**
New	3.1	–5.6	2.5	3.7	–9.0	–.8	.3	4.1
Used	.2	.2	–.9	.6	–.4	–.6	–1.2	.1
Addenda:								
Domestic output of new autos [1]	122.8	121.1	127.3	131.6	113.5	120.8	116.8	128.1
Sales of imported new autos [2]	59.0	58.2	57.6	58.2	59.2	64.8	61.1	65.4

1. Consists of final sales and change in business inventories of new autos assembled in the United States.
2. Consists of personal consumption expenditures, producers' durable equipment, and gross government investment.

Table 8.5.—Real Auto Output

[Billions of chained (1992) dollars]

	1995	1996	Seasonally adjusted at annual rates					
			1996			1997		
			II	III	IV	I	II	III
Auto output	**127.6**	**119.9**	**129.6**	**127.9**	**113.7**	**119.7**	**116.8**	**124.6**
Final sales	**125.2**	**124.4**	**127.7**	**123.8**	**121.3**	**121.2**	**115.8**	**121.5**
Personal consumption expenditures	122.0	121.2	124.8	121.0	118.0	123.6	117.2	124.1
New autos	80.6	78.2	79.3	76.7	77.0	79.6	73.7	81.7
Net purchases of used autos	40.8	42.1	44.4	43.2	40.2	43.1	42.4	41.7
Producers' durable equipment	43.4	45.1	45.4	47.2	44.9	48.0	46.1	48.9
New autos	68.9	72.0	73.7	75.9	69.5	74.7	72.1	75.2
Net purchases of used autos	–25.3	–26.6	–27.8	–28.4	–24.6	–26.6	–25.9	–26.3
Net exports	–42.2	–43.6	–43.9	–45.6	–43.4	–52.0	–48.7	–52.6
Exports	16.0	16.0	15.5	16.1	15.8	15.6	17.0	16.2
Imports	58.2	59.6	59.4	61.8	59.2	67.6	65.7	68.9
Gross government investment	2.2	2.1	1.7	1.8	2.3	2.1	1.7	1.6
Change in business inventories of new and used autos	**2.2**	**–4.7**	**1.8**	**4.0**	**–7.9**	**–1.8**	**.9**	**3.0**
New	2.5	–5.2	2.0	3.6	–8.1	–1.0	2.3	3.2
Used	–.1	.3	–.1	.5	0	–.7	–1.2	–.1
Residual	.2	.6	.3	.3	.8	.5	.4	.3
Addenda:								
Domestic output of new autos [1]	114.2	110.9	116.5	120.2	103.6	109.8	108.1	116.2
Sales of imported new autos [2]	54.5	52.9	52.5	52.6	53.5	58.7	55.3	59.3

1. Consists of final sales and change in business inventories of new autos assembled in the United States.
2. Consists of personal consumption expenditures, producers' durable equipment, and gross government investment.

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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.

Table 8.6.—Truck Output

[Billions of dollars]

Truck output [1]	**133.1**	**136.7**	**138.9**	**134.2**	**138.5**	**145.0**	**140.2**	**146.1**
Final sales	**130.3**	**137.4**	**134.7**	**134.6**	**141.6**	**141.1**	**138.3**	**145.1**
Personal consumption expenditures	62.0	63.7	63.1	62.1	63.9	63.2	60.1	63.9
Producers' durable equipment	65.8	71.6	69.8	72.9	74.9	76.1	75.5	79.7
Net exports	–5.1	–4.7	–4.9	–6.3	–3.2	–5.4	–5.4	–7.2
Exports	7.7	9.0	9.0	8.5	10.2	10.2	10.0	10.0
Imports	12.8	13.7	14.0	14.8	13.4	15.7	15.3	17.3
Gross government investment	7.6	6.8	6.7	5.9	6.1	7.2	8.1	8.7
Change in business inventories	**2.8**	**–.7**	**4.1**	**–.4**	**–3.1**	**3.8**	**1.8**	**1.0**

1. Includes new trucks only.

Table 8.7.—Real Truck Output

[Billions of chained (1992) dollars]

Truck output [1]	**119.6**	**121.1**	**122.9**	**118.7**	**122.6**	**127.6**	**123.6**	**128.9**
Final sales	**117.0**	**121.7**	**119.1**	**119.0**	**125.3**	**124.2**	**121.9**	**128.0**
Personal consumption expenditures	55.6	55.8	55.4	54.2	55.4	54.6	51.9	55.3
Producers' durable equipment	58.9	63.7	61.9	64.7	67.0	67.8	67.5	71.3
Net exports	–4.3	–3.7	–4.0	–5.1	–2.3	–4.4	–4.5	–6.2
Exports	7.5	8.7	8.7	8.2	9.8	9.8	9.4	9.5
Imports	11.8	12.4	12.7	13.4	12.1	14.2	13.9	15.6
Gross government investment	6.8	6.1	5.9	5.2	5.5	6.4	7.2	7.8
Change in business inventories	**2.6**	**–.6**	**3.9**	**–.3**	**–2.9**	**3.6**	**1.7**	**.9**
Residual	0	–.2	–.2	.1	–.1	–.4	–.2	–.3

1. Includes new trucks only.

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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.

B. Other NIPA and NIPA-Related Tables

Monthly Estimates:

Tables B.1 and B.2 include the most recent estimates of personal income and its components; these estimates were released on November 3, 1997 and include "preliminary" estimates for September 1997 and "revised" estimates for July and August.

Table B.1.—Personal Income

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

	1995	1996	1996					1997								
			Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July r	Aug. r	Sept. p
Personal income	**6,150.8**	**6,495.2**	**6,538.9**	**6,582.0**	**6,575.6**	**6,615.2**	**6,664.4**	**6,700.1**	**6,750.3**	**6,788.2**	**6,800.9**	**6,822.8**	**6,863.5**	**6,873.8**	**6,915.0**	**6,940.5**
Wage and salary disbursements	3,429.5	3,632.5	3,660.6	3,694.6	3,683.5	3,713.4	3,753.7	3,754.1	3,799.1	3,821.3	3,822.1	3,835.1	3,867.6	3,869.9	3,903.1	3,915.3
Private industries	2,806.5	2,989.9	3,015.3	3,047.1	3,035.4	3,064.4	3,104.0	3,098.7	3,140.9	3,161.7	3,161.2	3,173.1	3,204.5	3,204.6	3,235.6	3,245.9
Commodity-producing industries	864.4	909.1	918.6	920.6	921.7	926.5	935.2	936.3	943.4	948.8	950.3	953.7	954.5	955.5	962.8	967.0
Manufacturing	648.4	674.7	681.4	681.8	681.8	684.7	690.4	690.5	693.4	698.4	699.5	700.3	701.2	701.5	707.4	710.1
Distributive industries	783.1	823.3	829.1	836.9	832.1	840.8	848.9	847.7	857.9	864.8	863.1	865.0	872.9	872.2	883.0	883.5
Service industries	1,159.0	1,257.5	1,267.6	1,289.6	1,281.6	1,297.1	1,319.9	1,314.6	1,339.6	1,348.1	1,347.7	1,354.5	1,377.1	1,376.8	1,389.8	1,395.4
Government	623.0	642.6	645.4	647.5	648.1	649.1	649.7	655.5	658.2	659.7	660.9	661.9	663.1	665.3	667.5	669.4
Other labor income	406.8	407.6	408.2	410.2	407.2	408.7	411.4	410.5	412.5	413.9	414.4	415.3	415.6	416.6	418.0	419.3
Proprietors' income with IVA and CCAdj	488.9	520.3	522.8	525.0	526.6	528.4	529.8	532.2	534.5	537.2	540.9	543.6	546.5	546.8	546.7	548.4
Farm	23.4	37.2	40.2	40.7	40.8	40.5	39.9	39.4	39.9	41.4	43.0	43.8	44.0	43.1	41.3	39.3
Nonfarm	465.5	483.1	482.6	484.4	485.8	487.9	490.0	492.8	494.6	495.8	497.9	499.8	502.4	503.7	505.4	509.1
Rental income of persons with CCAdj	132.8	146.3	148.0	149.2	149.2	149.2	149.1	148.5	149.3	149.2	149.3	148.9	147.8	147.1	148.3	148.4
Personal dividend income	251.9	291.2	291.9	292.7	293.7	295.0	296.9	310.7	312.5	314.4	316.3	318.3	320.3	322.4	324.5	326.6
Personal interest income	718.9	735.7	743.0	746.2	747.8	749.8	751.8	754.3	757.0	760.4	763.4	766.0	768.9	772.2	775.7	779.0
Transfer payments to persons	1,015.0	1,068.0	1,072.4	1,074.3	1,077.0	1,081.8	1,085.5	1,105.5	1,104.1	1,111.9	1,114.6	1,116.6	1,119.7	1,122.0	1,124.0	1,129.5
Old-age, survivors, disability, and health insurance benefits	507.8	537.6	540.6	540.8	542.3	546.2	548.2	559.5	555.6	561.5	562.4	564.8	565.9	567.3	569.5	570.4
Government unemployment insurance benefits	21.4	22.0	20.4	21.7	21.3	21.1	22.3	22.1	22.0	22.0	22.0	21.9	21.9	21.8	21.6	21.9
Other	485.7	508.4	511.4	511.9	513.4	514.6	515.0	523.9	526.5	528.4	530.2	529.9	531.9	532.9	532.8	537.1
Less: Personal contributions for social insurance	293.1	306.3	308.1	310.2	309.4	311.3	313.8	315.8	318.7	320.1	320.1	320.9	323.0	323.1	325.2	326.0

p Preliminary.
r Revised.
CCAdj Capital consumption adjustment
IVA Inventory valuation adjustment

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

Table B.2.—The Disposition of Personal Income

[Monthly estimates seasonally adjusted at annual rates]

	1995	1996	1996					1997								
			Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July r	Aug. r	Sept. p
	Billions of dollars, unless otherwise indicated															
Personal income	**6,150.8**	**6,495.2**	**6,538.9**	**6,582.0**	**6,575.6**	**6,615.2**	**6,664.4**	**6,700.1**	**6,750.3**	**6,788.2**	**6,800.9**	**6,822.8**	**6,863.5**	**6,873.8**	**6,915.0**	**6,940.5**
Less: Personal tax and nontax payments	795.1	886.9	897.0	909.1	909.4	921.7	936.8	942.3	957.7	967.0	970.4	978.3	988.9	991.0	999.0	1,002.2
***Equals*: Disposable personal income**	**5,355.7**	**5,608.3**	**5,641.9**	**5,673.0**	**5,666.2**	**5,693.5**	**5,727.6**	**5,757.8**	**5,792.7**	**5,821.2**	**5,830.5**	**5,844.5**	**5,874.5**	**5,882.7**	**5,916.0**	**5,938.3**
Less: Personal outlays	5,101.1	5,368.8	5,389.2	5,403.2	5,450.0	5,470.2	5,505.9	5,565.9	5,578.5	5,579.5	5,592.3	5,592.7	5,623.5	5,686.1	5,702.6	5,714.9
Personal consumption expenditures	4,957.7	5,207.6	5,226.4	5,238.8	5,285.4	5,302.7	5,336.4	5,396.7	5,409.7	5,410.8	5,422.0	5,422.4	5,451.9	5,514.0	5,528.7	5,540.4
Durable goods	608.5	634.5	641.1	630.7	638.8	638.4	637.4	661.0	659.8	654.4	642.9	643.5	647.0	669.3	667.4	658.3
Nondurable goods	1,475.8	1,534.7	1,533.5	1,545.0	1,557.8	1,558.1	1,564.6	1,584.5	1,589.0	1,588.6	1,577.0	1,577.1	1,582.6	1,597.6	1,602.3	1,606.8
Services	2,873.4	3,038.4	3,051.9	3,063.0	3,088.8	3,106.2	3,134.5	3,151.1	3,160.9	3,167.8	3,202.1	3,201.8	3,222.3	3,247.0	3,259.1	3,275.3
Interest paid by persons	128.5	145.2	146.9	148.5	147.9	150.8	152.8	152.2	151.7	151.6	152.7	152.7	154.0	154.3	156.1	156.6
Personal transfer payments to rest of world	14.8	15.9	15.9	15.9	16.7	16.7	16.7	17.0	17.0	17.0	17.6	17.6	17.6	17.9	17.9	17.9
***Equals*: Personal savings**	**254.6**	**239.6**	**252.6**	**269.8**	**216.3**	**223.3**	**221.7**	**191.9**	**214.2**	**241.7**	**238.2**	**251.8**	**251.0**	**196.6**	**213.4**	**223.4**
Addenda:																
Disposable personal income:																
Billions of chained (1992) dollars [1]	4,964.2	5,076.9	5,094.4	5,110.3	5,087.2	5,101.1	5,123.0	5,142.3	5,159.4	5,181.4	5,185.5	5,198.7	5,218.3	5,218.1	5,242.4	5,253.3
Per capita:																
Current dollars	20,349	21,117	21,219	21,318	21,277	21,364	21,478	21,579	21,697	21,789	21,808	21,845	21,941	21,954	22,061	22,126
Chained (1992) dollars	18,861	19,116	19,160	19,204	19,103	19,142	19,211	19,272	19,326	19,394	19,396	19,431	19,490	19,474	19,549	19,573
Population (thousands)	263,194	265,579	265,886	266,106	266,308	266,492	266,672	266,826	266,975	267,161	267,354	267,541	267,741	267,952	268,171	268,389
Personal consumption expenditures:																
Billions of chained (1992) dollars	4,595.3	4,714.1	4,719.3	4,719.2	4,745.2	4,751.0	4,773.1	4,819.8	4,818.3	4,816.1	4,822.2	4,823.2	4,842.9	4,891.0	4,899.1	4,901.3
Durable goods	583.6	611.1	618.5	608.0	616.0	617.2	618.2	641.2	638.4	633.8	625.9	628.1	633.0	656.2	656.8	648.3
Nondurable goods	1,412.6	1,432.3	1,431.6	1,437.5	1,443.7	1,439.3	1,440.7	1,456.0	1,458.1	1,459.2	1,446.3	1,449.1	1,454.7	1,466.1	1,467.0	1,467.3
Services	2,599.6	2,671.0	2,670.0	2,673.9	2,686.1	2,694.7	2,714.0	2,724.2	2,723.2	2,724.2	2,749.1	2,745.5	2,755.0	2,770.4	2,776.9	2,786.0
Implicit price deflator, 1992=100	107.9	110.5	110.7	111.0	111.4	111.6	111.8	112.0	112.3	112.3	112.4	112.4	112.6	112.7	112.9	113.0
Personal saving as percentage of disposable personal income [2]	4.8	4.3	4.5	4.8	3.8	3.9	3.9	3.3	3.7	4.2	4.1	4.3	4.3	3.3	3.6	3.8
	Percent change from preceding period															
Personal income, current dollars	**6.2**	**5.6**	**0.5**	**0.7**	**–0.1**	**0.6**	**0.7**	**0.5**	**0.7**	**0.6**	**0.2**	**0.3**	**0.6**	**0.2**	**0.6**	**0.4**
Disposable personal income:																
Current dollars	6.0	4.7	.4	.6	–.1	.5	.6	.5	.6	.5	.2	.2	.5	.1	.6	.4
Chained (1992) dollars	3.3	2.3	.3	.3	–.5	.3	.4	.4	.3	.4	.1	.3	.4	0	.5	.2
Personal consumption expenditures:																
Current dollars	5.1	5.0	.2	.2	.9	.3	.6	1.1	.2	0	.2	0	.5	1.1	.3	.2
Chained (1992) dollars	2.4	2.6	.1	0	.6	.1	.5	1.0	0	0	.1	0	.4	1.0	.2	0

1. Disposable personal income in chained (1992) dollars equals the current-dollar figure divided by the implicit price deflator for personal consumption expenditures.
2. Monthly estimates equal personal saving for the month as a percentage of disposable personal income for that month.

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

Annual Estimates:

Except as noted, these tables are derived from the NIPA tables published in the September 1997 SURVEY OF CURRENT BUSINESS; they are consistent with the most recent comprehensive and annual revisions.

Table B.3 is not included in "Other NIPA and NIPA-Related Tables" this month. The data in table B.3 are presented in more detail in "Gross Product by Industry, 1947–96" elsewhere in this issue.

Table B.4.—Personal Consumption Expenditures by Type of Expenditure

	Billions of dollars			Billions of chained (1992) dollars		
	1994	1995	1996	1994	1995	1996
Personal consumption expenditures	**4,717.0**	**4,957.7**	**5,207.6**	**4,486.0**	**4,595.3**	**4,714.1**
Food and tobacco	**761.7**	**783.8**	**805.7**	**735.0**	**737.9**	**736.5**
Food purchased for off-premise consumption (n.d.)	451.6	462.2	478.4	434.5	433.4	434.7
Purchased meals and beverages [1] (n.d.)	254.3	264.1	268.7	245.1	248.7	246.6
Food furnished to employees (including military) (n.d.)	8.1	8.4	8.7	7.8	7.9	8.0
Food produced and consumed on farms (n.d.)	.5	.4	.4	.5	.5	.4
Tobacco products (n.d.)	47.3	48.7	49.6	47.2	47.4	46.8
Addenda: Food excluding alcoholic beverages (n.d.)	633.6	652.0	669.9	608.7	610.2	608.7
Alcoholic beverages purchased for off-premise consumption (n.d.)	53.9	54.9	57.3	53.7	54.5	55.5
Other alcoholic beverages (n.d.)	27.0	28.2	28.9	25.6	25.9	25.7
Clothing, accessories, and jewelry	**312.7**	**323.4**	**336.3**	**308.5**	**321.8**	**335.3**
Shoes (n.d.)	36.0	36.8	38.1	35.7	36.6	37.6
Clothing and accessories except shoes [2]	211.6	217.7	226.0	211.2	220.6	229.9
Women's and children's (n.d.)	137.5	141.3	145.8	137.0	144.2	150.7
Men's and boys' (n.d.)	74.1	76.4	80.2	74.1	76.4	79.2
Standard clothing issued to military personnel (n. d)	.3	.3	.3	.3	.3	.3
Cleaning, storage, and repair of clothing and shoes (s.)	11.6	12.3	12.3	11.0	11.5	11.3
Jewelry and watches (d.)	37.7	39.3	41.6	35.6	36.8	39.7
Other [3] (s.)	15.6	17.1	18.1	14.7	16.0	16.6
Personal care	**68.4**	**71.9**	**75.7**	**65.5**	**67.9**	**70.1**
Toilet articles and preparations (n.d.)	45.3	47.2	49.9	43.7	45.0	47.0
Barbershops, beauty parlors, and health clubs (s.)	23.0	24.7	25.7	21.8	22.9	23.0
Housing	**712.7**	**750.3**	**787.2**	**674.3**	**688.2**	**700.2**
Owner-occupied nonfarm dwellings space rent [4] (s.)	507.0	532.2	558.3	479.6	487.2	495.3
Tenant-occupied nonfarm dwellings rent [5] (s.)	174.0	184.6	193.6	165.2	171.1	174.9
Rental value of farm dwellings (s.)	5.8	5.9	6.1	5.2	5.2	5.1
Other [6] (s.)	26.0	27.5	29.1	24.3	24.8	25.0
Household operation	**535.0**	**562.8**	**591.9**	**514.5**	**533.6**	**548.4**
Furniture, including mattresses and bedsprings (d.)	45.9	48.0	49.6	43.2	44.2	44.6
Kitchen and other household appliances [7] (d.)	25.6	27.2	27.8	25.0	26.6	27.1
China, glassware, tableware, and utensils (d.)	24.0	25.3	27.4	23.5	25.0	26.9
Other durable house furnishings [8] (d.)	52.3	54.5	58.2	51.4	53.1	56.1
Semidurable house furnishings [9] (n.d.)	27.2	28.9	30.1	25.7	26.9	28.2
Cleaning and polishing preparations, and miscellaneous household supplies and paper products (n. d)	50.8	52.3	54.5	50.2	50.0	50.6
Stationery and writing supplies (n.d.)	15.1	15.8	17.0	14.4	14.4	14.8
Household utilities	163.8	168.5	177.9	156.3	159.4	163.1
Electricity (s.)	84.2	88.0	90.3	82.6	84.3	85.2
Gas (s.)	32.4	31.5	34.9	30.0	30.7	32.7
Water and other sanitary services (s.)	36.6	38.8	41.1	33.0	33.8	34.6
Fuel oil and coal (n.d.)	10.5	10.2	11.6	10.7	10.5	10.6
Telephone and telegraph (s.)	82.6	90.2	96.9	79.6	86.6	91.1
Domestic service (s.)	11.9	12.8	12.5	11.2	11.7	11.0
Other [10] (s.)	35.8	39.4	40.1	34.2	35.9	35.3
Medical care	**826.1**	**871.6**	**912.8**	**751.0**	**766.2**	**782.4**
Drug preparations and sundries [11] (n.d.)	81.6	85.7	90.9	76.7	79.1	81.7
Ophthalmic products and orthopedic appliances (d.)	12.9	13.1	13.9	12.3	12.2	12.6
Physicians (s.)	180.0	191.4	196.5	162.4	166.1	169.3
Dentists (s.)	43.9	47.6	50.9	39.8	41.1	42.0
Other professional services [12] (s.)	95.7	104.4	110.2	89.2	95.6	99.1
Hospitals and nursing homes [13]	357.0	375.9	394.2	331.5	336.6	343.1
Hospitals	298.1	310.6	325.1	276.9	278.5	284.4
Nonprofit (s.)	200.2	207.9	217.3	187.8	188.2	191.8
Proprietary (s.)	32.1	34.5	37.1	29.2	30.3	31.9
Government (s.)	65.8	68.2	70.7	59.9	60.0	60.7
Nursing homes (s.)	58.9	65.2	69.1	54.6	58.1	58.7
Health insurance	55.0	53.6	56.3	40.0	37.5	36.9
Medical care and hospitalization [14] (s.)	42.9	40.7	41.8	36.6	35.2	34.7
Income loss [15] (s.)	2.7	2.9	3.2	2.4	2.5	2.6
Workers' compensation [16] (s.)	9.4	10.0	11.3	2.3	1.8	1.8
Personal business	**370.4**	**389.1**	**421.1**	**352.1**	**350.7**	**363.6**
Brokerage charges and investment counseling (s.)	36.2	38.8	47.2	37.8	41.8	50.0
Bank service charges, trust services, and safe deposit box rental (s.)	31.6	33.9	37.3	27.5	27.8	28.9
Services furnished without payment by financial intermediaries except life insurance carriers and private noninsured pension plans (s.)	151.5	159.8	169.9	146.5	141.9	143.9
Expense of handling life insurance [17] (s.)	72.6	75.4	79.9	68.1	67.9	68.5
Legal services (s.)	48.8	49.1	52.2	45.3	44.0	45.2
Funeral and burial expenses (s.)	11.1	12.2	12.8	10.1	10.5	10.4
Other [18] (s.)	18.5	19.9	21.8	17.1	17.6	18.7
Transportation	**542.2**	**572.3**	**602.2**	**515.3**	**528.0**	**540.3**
User-operated transportation	502.6	530.1	557.7	476.6	487.8	497.7
New autos (d.)	91.2	87.1	86.1	86.2	80.6	78.2
Net purchases of used autos (d.)	44.1	52.4	55.3	37.5	40.8	42.1
Other motor vehicles (d.)	76.8	79.4	82.1	71.4	71.7	72.5
Tires, tubes, accessories, and other parts (d.)	34.5	35.8	37.9	35.1	36.2	38.3
Repair, greasing, washing, parking, storage, rental, and leasing (s.)	116.4	128.7	140.1	108.5	116.5	123.3
Gasoline and oil (n.d.)	109.4	114.4	122.6	109.8	113.1	114.1
Bridge, tunnel, ferry, and road tolls (s.)	2.6	2.8	2.9	2.4	2.4	2.5
Insurance [19] (s.)	27.5	29.4	30.9	25.6	26.0	26.2
Purchased local transportation	8.9	9.2	10.1	8.6	8.5	8.5
Mass transit systems (s.)	5.9	6.0	6.6	5.7	5.5	5.6
Taxicab (s.)	3.0	3.2	3.5	2.9	3.0	3.0
Purchased intercity transportation	30.7	33.0	34.4	30.1	31.7	34.2
Railway (s.)	.7	.8	.8	.7	.7	.7
Bus (s.)	1.1	1.3	1.3	1.1	1.4	1.4
Airline (s.)	25.8	27.7	28.2	25.5	26.8	28.8
Other [20] (s.)	3.2	3.3	4.0	2.8	2.8	3.3
Recreation	**370.2**	**402.5**	**431.1**	**365.2**	**395.7**	**424.4**
Books and maps (d.)	20.6	22.1	23.2	19.6	20.6	20.8
Magazines, newspapers, and sheet music (n.d.)	24.5	25.5	26.5	22.9	22.9	22.7
Nondurable toys and sport supplies (n.d.)	39.7	42.2	45.4	38.9	41.4	43.9
Wheel goods, sports and photographic equipment, boats, and pleasure aircraft (d.)	35.6	39.1	42.0	34.8	37.7	40.3
Video and audio products, computing equipment, and musical instruments (d.)	78.5	85.2	89.7	87.4	101.8	119.5
Radio and television repair (s.)	4.5	4.9	5.1	4.2	4.5	4.5
Flowers, seeds, and potted plants (n.d.)	13.4	13.9	14.9	13.4	13.2	14.4
Admissions to specified spectator amusements 19.0 20.2 22.1 17.8 18.2 18.9 Motion picture theaters (s.)	5.6	6.0	6.3	5.2	5.4	5.4
Legitimate theaters and opera, and entertainments of nonprofit institutions (except athletics) (s.)	8.2	8.7	9.3	7.7	7.9	8.0
Spectator sports [21] (s.)	5.2	5.5	6.4	4.9	5.0	5.5
Clubs and fraternal organizations [22] (s.)	11.8	12.7	13.0	11.2	11.5	11.8
Commercial participant amusements [23] (s.)	36.2	41.5	46.2	34.1	38.0	41.1
Pari-mutuel net receipts (s.)	3.3	3.3	3.5	3.1	3.1	3.1
Other [24] (s.)	83.1	91.9	99.6	79.1	85.5	89.3
Education and research	**104.7**	**112.2**	**119.6**	**96.8**	**99.4**	**102.7**
Higher education [25] (s.)	59.0	62.2	65.2	53.1	53.7	54.0
Nursery, elementary, and secondary schools [26] (s.)	21.4	22.8	24.0	20.4	20.8	21.7
Other [27] (s.)	24.4	27.2	30.3	23.4	25.0	27.2
Religious and welfare activities [28] (s.)	**131.2**	**139.8**	**150.5**	**125.6**	**128.6**	**136.6**
Foreign travel and other, net	**–18.3**	**–22.1**	**–26.5**	**–16.2**	**–19.5**	**–21.5**
Foreign travel by U. S. residents (s.)	50.1	51.9	54.9	48.8	48.9	50.8
Expenditures abroad by U. S. residents (n.d.)	2.7	2.6	2.6	2.8	2.4	2.4
Less: Expenditures in the United States by nonresidents (s.)	69.7	75.2	82.7	66.4	69.5	73.5
Less: Personal remittances in kind to nonresidents (n.d.)	1.4	1.4	1.2	1.3	1.3	1.1
Residual	.....	.....	.....	–5.7	–10.6	–17.8

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 Blue Cross and Blue Shield plans and of other independent prepaid 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 life insurance carriers and private noninsured pension plans, and (2) premiums, less benefits and dividends, of fraternal benefit societies. Excludes expenses allocated by commercial carriers to accident and health insurance.
18. Consists of current expenditures (including consumption of fixed capital) of trade unions and professional associations, employment agency fees, money order fees, spending for classified advertisements, tax return preparation services, and other personal business services.
19. Consists of premiums, less benefits and dividends, for motor vehicle insurance.
20. Consists of baggage charges, coastal and inland waterway fares, travel agents' fees, and airport bus fares.
21. Consists of admissions to professional and amateur athletic events and to racetracks.
22. Consists of dues and fees excluding insurance premiums.
23. Consists of billiard parlors; bowling alleys; dancing, riding, shooting, skating, and swimming places; amusement devices and parks; golf courses; sightseeing buses and guides; private flying operations; casino gambling; and other commercial participant amusements.
24. Consists of net receipts of lotteries and expenditures for purchases of pets and pet care services, cable TV, film processing, photographic studios, sporting and recreation camps, video cassette rentals, and recreational services, not elsewhere classified.
25. For private institutions, equals current expenditures (including consumption of fixed capital) less receipts—such as those from meals, rooms, and entertainments—accounted for separately in consumer expenditures, and less expenditures for research and development financed under contracts or grants. For government institutions, equals student payments of tuition.
26. For private institutions, equals current expenditures (including consumption of fixed capital) less receipts—such as those from meals, rooms, and entertainments—accounted for separately in consumer expenditures. For government institutions, equals student payments of tuition. Excludes child day care services, which are included in religious and welfare activities.
27. Consists of (1) fees paid to commercial, business, trade, and correspondence schools and for educational services, not elsewhere classified, and (2) current expenditures (including consumption of fixed capital) by research organizations and foundations for education and research.
28. For nonprofit institutions, equals current expenditures (including consumption of fixed capital) of religious, social welfare, foreign relief, and political organizations, museums, libraries, and foundations. The expenditures are net of receipts—such as those from meals, rooms, and entertainments—accounted for separately in consumer expenditures, and excludes relief payments within the United States and expenditures by foundations for education and research. For proprietary and government institutions, equals receipts from users.

NOTES.—Consumer durable goods are designated (d.), nondurable goods (n.d.), and services (s.).

Estimates of foreign travel by U. S. residents (line 108) expenditures were $0.3 billion in 1981. Beginning with 1984, estimates of foreign travel by U. S. residents include substantially improved estimates of U. S. residents' foreign travel and passenger fare expenditures. Estimates of expenditures in the United States by nonresidents (line 110) include, beginning with 1981, nonresidents' student and medical care expenditures in the United States. Student expenditures were $2.2 billion, and medical expenditures were $0.4 billion in 1981. Beginning with 1984, estimates of expenditures in the United States by nonresidents include substantially improved estimates of nonresidents' travel expenditures. Expenditures in the United States by nonresidents are subtracted from total personal consumption expenditures (line 110) because they are included in detailed type of expenditure estimates elsewhere in personal consumption expenditures.

Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table B.5.—Private Purchases of Structures by Type

	Billions of dollars			Billions of chained (1992) dollars		
	1994	1995	1996	1994	1995	1996
Private purchases of structures	**463.6**	**478.4**	**517.0**	**432.8**	**430.0**	**453.7**
Nonresidential	**184.5**	**200.6**	**215.2**	**172.5**	**179.9**	**188.7**
New	184.3	200.2	214.7	172.2	179.5	188.2
Nonresidential buildings, excluding farm	125.5	140.8	156.1	116.9	126.1	136.7
Industrial	28.9	32.5	32.1	27.0	29.1	28.1
Commercial	61.9	70.8	77.6	57.7	63.4	68.0
Office buildings [1]	25.8	29.8	32.1	24.1	26.7	28.2
Other [2]	36.1	41.0	45.5	33.6	36.7	39.8
Religious	3.8	4.2	4.4	3.5	3.8	3.9
Educational	5.6	6.2	7.5	5.2	5.6	6.6
Hospital and institutional	13.7	12.5	13.4	12.7	11.2	11.7
Other [3]	11.6	14.5	21.1	10.8	13.0	18.5
Utilities	32.0	33.2	33.3	29.9	30.0	29.3
Railroads	3.3	3.5	4.6	3.0	3.1	3.9
Telecommunications	10.1	11.0	11.9	9.6	10.1	10.4
Electric light and power	13.0	12.3	11.0	12.1	11.0	9.8
Gas	4.6	5.5	4.7	4.2	5.0	4.2
Petroleum pipelines	1.0	.9	1.0	.9	.8	.9
Farm	3.2	3.0	3.7	3.0	2.7	3.2
Mining exploration, shafts, and wells	16.7	16.3	16.1	15.8	14.3	13.9
Petroleum and natural gas	14.7	14.8	14.8	14.0	13.0	12.7
Other	1.9	1.5	1.3	1.8	1.3	1.1
Other [4]	6.9	6.9	5.7	6.6	6.3	5.0
Brokers' commissions on sale of structures	1.5	1.6	1.8	1.4	1.5	1.6
Net purchases of used structures	–1.2	–1.3	–1.3	–1.2	–1.1	–1.2
Residential	**279.1**	**277.8**	**301.7**	**260.3**	**250.0**	**265.0**
New	248.5	246.9	267.0	230.8	220.8	233.6
New housing units	177.2	174.4	192.1	162.0	153.1	165.2
Permanent site	167.9	163.1	179.4	153.7	143.5	154.8
Single-family structures	153.8	145.2	159.1	140.1	126.9	136.6
Multifamily structures	14.1	17.9	20.3	13.6	16.9	18.6
Mobile homes	9.3	11.3	12.6	8.3	9.5	10.3
Improvements	71.0	72.0	74.4	68.4	67.3	67.7
Other [5]	.3	.5	.6	.3	.4	.5
Brokers' commissions on sale of structures	31.6	32.1	36.3	30.4	30.3	32.7
Net purchases of used structures	–1.0	–1.1	–1.6	–.9	–1.0	–1.4
Residual	.....	.....	.....	.3	–.1	.3

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, fraternity and sorority houses, and nurses' homes.

NOTE. Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 Purchases of Producers' Durable Equipment by Type

	Billions of dollars			Billions of chained (1992) dollars		
	1994	1995	1996	1994	1995	1996
Private purchases of producers' durable equipment	**483.0**	**529.6**	**573.7**	**483.5**	**535.2**	**593.1**
Nonresidential equipment	**476.1**	**522.4**	**566.2**	**476.8**	**528.3**	**586.0**
Information processing and related equipment	152.1	172.8	195.1	165.1	201.8	253.1
Office, computing, and accounting machinery	59.3	73.5	88.1	73.9	108.1	164.2
Computers and peripheral equipment [1]	51.8	65.6	78.7	67.2	102.8	160.8
Other	7.5	7.9	9.3	7.3	7.5	9.0
Communication equipment	52.8	59.4	65.9	53.7	62.0	69.9
Instruments	22.1	22.4	23.4	21.2	21.2	21.8
Photocopy and related equipment	17.9	17.6	17.7	17.3	16.6	16.4
Industrial equipment	109.3	121.5	127.5	105.5	113.4	117.0
Fabricated metal products	10.5	11.1	11.7	10.4	10.6	11.0
Engines and turbines	4.8	4.2	4.0	4.6	4.0	3.7
Metalworking machinery	24.4	28.2	29.6	23.3	26.0	26.6
Special industry machinery, n.e.c.	26.9	31.2	32.8	25.9	29.0	29.9
General industrial, including materials handling, equipment	23.6	25.8	28.5	22.6	24.0	26.0
Electrical transmission, distribution, and industrial apparatus	19.0	20.9	20.9	18.6	19.8	19.7
Transportation and related equipment	118.6	125.7	134.5	113.2	118.9	125.0
Trucks, buses, and truck trailers	55.0	63.3	68.9	50.6	56.7	61.3
Autos	48.0	42.3	45.3	47.8	43.4	45.1
Aircraft	8.9	12.8	13.4	8.4	11.6	11.8
Ships and boats	1.5	1.5	1.6	1.5	1.4	1.4
Railroad equipment	5.1	5.7	5.3	4.9	5.2	4.6
Other equipment	99.9	106.9	113.7	96.0	100.3	104.6
Furniture and fixtures	25.6	28.1	30.2	24.5	26.2	27.4
Tractors	9.9	10.4	10.9	9.5	9.8	10.2
Agricultural machinery, except tractors	9.7	10.4	10.9	9.2	9.6	9.9
Construction machinery, except tractors	12.0	13.5	14.4	11.4	12.4	13.0
Mining and oilfield machinery	1.5	1.8	2.3	1.5	1.7	2.1
Service industry machinery	13.4	14.4	15.2	13.0	13.5	14.0
Electrical equipment, n.e.c.	10.7	10.8	11.1	10.6	10.4	10.8
Other	16.9	17.5	18.6	16.3	16.5	17.2
Less: Sale of equipment scrap, excluding autos	3.7	4.5	4.6	3.1	3.4	3.8
Residential equipment	**6.9**	**7.2**	**7.5**	**6.7**	**7.0**	**7.1**
Residual	.....	.....	.....	–1.4	–10.3	–33.8
Addenda:						
Private purchases of producers' durable equipment	483.0	529.6	573.7	.....	.....	.....
Less: Dealers' margin on used equipment	4.9	5.3	5.8	.....	.....	.....
Net purchases of used equipment from government	1.0	1.1	1.2	.....	.....	.....
Plus: Net sales of used equipment	31.3	37.6	39.7	.....	.....	.....
Net exports of used equipment	1.5	.6	.7	.....	.....	.....
Sale of equipment scrap	3.8	4.6	4.6	.....	.....	.....
Equals: Private purchases of new equipment	513.7	566.0	611.8	.....	.....	.....

1. Includes new computers and peripheral equipment only.

NOTE. Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.
n.e.c. Not elsewhere classified.

Table B.7.—Compensation and Wage and Salary Accruals by Industry

[Millions of dollars]

	Compensation			Wage and salary accruals		
	1994	1995	1996	1994	1995	1996
Total	**4,012,002**	**4,215,434**	**4,426,912**	**3,254,030**	**3,442,583**	**3,633,641**
Domestic industries	**4,014,482**	**4,217,968**	**4,429,472**	**3,256,510**	**3,445,117**	**3,636,201**
Private industries	**3,213,814**	**3,392,629**	**3,574,191**	**2,654,320**	**2,822,137**	**2,993,607**
Agriculture, forestry, and fishing	**34,780**	**37,011**	**39,619**	**29,852**	**31,915**	**34,476**
Farms	14,477	15,588	16,385	12,325	13,309	14,163
Agricultural services, forestry, and fishing	20,303	21,423	23,234	17,527	18,606	20,313
Mining	**32,656**	**32,892**	**33,678**	**26,378**	**26,843**	**27,644**
Metal mining	2,791	3,145	3,358	2,187	2,518	2,707
Coal mining	6,375	6,174	5,974	4,993	4,884	4,739
Oil and gas extraction	19,069	18,929	19,539	15,606	15,628	16,240
Nonmetallic minerals, except fuels	4,421	4,644	4,807	3,592	3,813	3,958
Construction	**182,016**	**193,746**	**209,279**	**147,425**	**157,684**	**172,234**
Manufacturing	**792,034**	**816,853**	**839,754**	**625,496**	**651,750**	**675,067**
Durable goods	486,844	505,167	521,750	379,616	398,272	416,061
Lumber and wood products	23,018	23,802	24,832	18,495	19,401	20,459
Furniture and fixtures	14,927	15,443	15,754	11,986	12,584	12,964
Stone, clay, and glass products	21,564	22,129	22,920	17,054	17,706	18,548
Primary metal industries	36,102	37,261	37,888	26,841	27,990	28,866
Fabricated metal products	56,398	58,594	60,161	44,496	46,794	48,553
Industrial machinery and equipment	95,407	100,891	105,182	76,720	82,191	86,528
Electronic and other electric equipment	72,726	77,181	80,895	58,302	62,681	66,179
Motor vehicles and equipment	61,771	65,047	65,911	42,384	44,886	46,377
Other transportation equipment	47,367	46,243	47,105	36,861	36,172	37,186
Instruments and related products	44,806	45,579	47,745	35,960	37,013	39,158
Miscellaneous manufacturing industries	12,758	12,997	13,357	10,517	10,854	11,243
Nondurable goods	305,190	311,686	318,004	245,880	253,478	259,006
Food and kindred products	59,381	61,042	62,422	47,614	49,527	50,746
Tobacco products	2,768	2,949	3,014	2,062	2,215	2,268
Textile mill products	19,274	18,956	18,744	15,840	15,697	15,544
Apparel and other textile products	21,352	20,996	20,379	17,442	17,322	16,816
Paper and allied products	32,236	32,936	33,661	26,230	27,058	27,672
Printing and publishing	58,652	60,387	62,308	48,193	50,087	51,718
Chemicals and allied products	63,653	65,393	67,538	50,743	52,582	54,411
Petroleum and coal products	10,769	10,834	10,738	7,796	7,837	7,791
Rubber and miscellaneous plastics products	34,133	35,322	36,478	27,527	28,784	29,803
Leather and leather products	2,972	2,871	2,722	2,433	2,369	2,237
Transportation and public utilities	**265,575**	**276,517**	**287,023**	**211,840**	**221,770**	**231,072**
Transportation	144,649	150,664	156,924	113,626	119,110	124,815
Railroad transportation	15,346	15,313	15,525	11,249	11,271	11,422
Local and interurban passenger transit	8,911	9,374	10,101	7,292	7,731	8,381
Trucking and warehousing	63,763	66,914	60,838	49,750	52,594	47,040
Water transportation	7,757	7,843	7,895	6,238	6,323	6,429
Transportation by air	34,424	35,714	46,492	27,189	28,339	38,220
Pipelines, except natural gas	1,126	1,051	1,007	929	869	829
Transportation services	13,322	14,455	15,066	10,979	11,983	12,494
Communications	67,070	71,112	75,153	55,320	58,933	62,279
Telephone and telegraph	51,679	53,701	56,202	42,517	44,315	46,361
Radio and television	15,391	17,411	18,951	12,803	14,618	15,918
Electric, gas, and sanitary services	53,856	54,741	54,946	42,894	43,727	43,978
Wholesale trade	**259,828**	**276,202**	**289,438**	**217,964**	**234,467**	**246,452**
Retail trade	**365,722**	**383,120**	**399,951**	**313,776**	**329,936**	**345,994**
Finance, insurance, and real estate	**310,211**	**324,894**	**350,180**	**260,045**	**273,124**	**296,112**
Depository institutions	77,101	80,243	83,793	62,949	65,664	69,013
Nondepository institutions	21,474	21,677	25,089	18,087	18,317	21,223
Security and commodity brokers	53,798	59,450	68,973	46,857	51,967	60,688
Insurance carriers	70,378	72,737	75,871	58,148	60,125	63,079
Insurance agents, brokers, and service	29,514	31,008	32,828	25,039	26,384	28,031
Real estate	41,284	42,182	44,906	34,567	35,442	37,910
Holding and other investment offices	16,662	17,597	18,720	14,398	15,225	16,168
Services	**970,992**	**1,051,394**	**1,125,269**	**821,544**	**894,648**	**964,556**
Hotels and other lodging places	34,231	35,886	37,676	28,966	30,557	32,322
Personal services	22,439	23,495	24,609	19,383	20,405	21,518
Business services	168,265	193,888	221,473	142,292	165,300	190,526
Auto repair, services, and parking	25,924	27,830	30,388	22,053	23,824	26,212
Miscellaneous repair services	10,222	11,247	12,103	8,709	9,650	10,455
Motion pictures	14,426	16,837	18,956	12,224	14,399	16,289
Amusement and recreation services	31,264	34,526	37,235	26,179	29,150	31,764
Health services	325,041	344,680	359,179	271,678	289,564	303,790
Legal services	56,886	58,333	60,452	48,407	49,761	51,905
Educational services	49,079	51,755	54,601	41,294	43,697	46,503
Social services and membership organizations	86,121	91,565	95,877	73,364	78,346	82,749
Social services	42,375	45,862	48,350	35,109	38,282	40,766
Membership organizations	43,746	45,703	47,527	38,255	40,064	41,983
Other services [1]	136,059	149,531	161,263	116,205	128,432	139,316
Private households	11,035	11,821	11,457	10,790	11,563	11,207
Government	**800,668**	**825,339**	**855,281**	**602,190**	**622,980**	**642,594**
Federal	258,006	258,051	264,853	173,413	175,045	177,228
General government	208,312	207,288	212,849	139,744	140,708	142,038
Civilian	123,976	123,427	125,174	84,864	84,540	85,541
Military [2]	84,336	83,861	87,675	54,880	56,168	56,497
Government enterprises	49,694	50,763	52,004	33,669	34,337	35,190
State and local	542,662	567,288	590,428	428,777	447,935	465,366
General government	506,154	529,188	551,031	399,489	417,381	433,845
Education	265,457	279,024	292,665	207,472	217,962	228,252
Other	240,697	250,164	258,366	192,017	199,419	205,593
Government enterprises	36,508	38,100	39,397	29,288	30,554	31,521
Rest of the world	**–2,480**	**–2,534**	**–2,560**	**–2,480**	**–2,534**	**–2,560**
Receipts from the rest of the world	1,239	1,323	1,338	1,239	1,323	1,338
Less: Payments to the rest of the world [3]	3,719	3,857	3,898	3,719	3,857	3,898
Addenda:						
Households and institutions	312,741	331,760	346,034	.....	.....	.....
Nonfarm business	2,972,798	3,134,144	3,303,173	.....	.....	.....

1. Consists of museums, botanical, zoological gardens; engineering and management services; and services, not elsewhere classified.
2. Includes Coast Guard.
3. Beginning with 1993, 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).

Compensation equals wage and salary accruals plus supplements to wages and salaries. "Supplements" are listed in table 8.15 of the August 1997 SURVEY OF CURRENT BUSINESS.

Table B.8.—Employment by Industry

[Thousands]

	Full-time and part-time employment			Persons engaged in production [1]		
	1994	1995	1996	1994	1995	1996
Total	**121,695**	**124,602**	**126,992**	**118,560**	**121,370**	**123,666**
Domestic industries	**122,258**	**125,171**	**127,543**	**119,042**	**121,858**	**124,151**
Private industries	**100,326**	**103,195**	**105,596**	**100,750**	**103,531**	**105,947**
Agriculture, forestry, and fishing	**1,936**	**2,004**	**2,069**	**3,148**	**3,199**	**3,300**
Farms	840	868	860	1,791	1,810	1,818
Agricultural services, forestry, and fishing	1,096	1,136	1,209	1,357	1,389	1,482
Mining	**606**	**587**	**583**	**607**	**590**	**586**
Metal mining	49	52	54	49	52	54
Coal mining	113	106	99	110	103	97
Oil and gas extraction	339	321	321	345	327	327
Nonmetallic minerals, except fuels	105	108	109	103	108	108
Construction	**5,197**	**5,383**	**5,669**	**6,406**	**6,654**	**6,954**
Manufacturing	**18,428**	**18,592**	**18,574**	**18,445**	**18,613**	**18,577**
Durable goods	10,507	10,722	10,834	10,584	10,802	10,911
Lumber and wood products	776	790	801	835	857	858
Furniture and fixtures	505	512	506	515	525	521
Stone, clay, and glass products	535	542	547	544	550	558
Primary metal industries	697	708	709	693	701	707
Fabricated metal products	1,396	1,443	1,452	1,390	1,441	1,446
Industrial machinery and equipment	2,000	2,069	2,115	1,996	2,083	2,100
Electronic and other electric equipment	1,582	1,626	1,658	1,573	1,616	1,653
Motor vehicles and equipment	900	969	967	895	952	960
Other transportation equipment	852	817	820	850	816	819
Instruments and related products	860	841	855	853	834	850
Miscellaneous manufacturing industries	404	405	404	440	427	439
Nondurable goods	7,921	7,870	7,740	7,861	7,811	7,666
Food and kindred products	1,683	1,688	1,697	1,654	1,659	1,664
Tobacco products	43	42	42	43	42	42
Textile mill products	681	664	629	676	661	631
Apparel and other textile products	982	946	874	998	952	881
Paper and allied products	693	692	682	686	686	677
Printing and publishing	1,566	1,570	1,565	1,551	1,560	1,536
Chemicals and allied products	1,056	1,039	1,032	1,039	1,032	1,024
Petroleum and coal products	147	143	139	145	142	138
Rubber and miscellaneous plastics products	954	978	981	951	967	971
Leather and leather products	116	108	99	118	110	102
Transportation and public utilities	**6,060**	**6,175**	**6,292**	**6,045**	**6,176**	**6,318**
Transportation	3,834	3,962	4,063	3,922	4,048	4,182
Railroad transportation	233	232	224	220	220	212
Local and interurban passenger transit	407	420	440	437	431	444
Trucking and warehousing	1,843	1,916	1,658	1,977	2,054	1,854
Water transportation	179	178	177	175	178	174
Transportation by air	750	778	1,119	704	731	1,050
Pipelines, except natural gas	17	15	14	17	15	14
Transportation services	405	423	431	392	419	434
Communications	1,293	1,307	1,347	1,192	1,219	1,258
Telephone and telegraph	916	915	936	844	851	873
Radio and television	377	392	411	348	368	385
Electric, gas, and sanitary services	933	906	882	931	909	878
Wholesale trade	**6,235**	**6,475**	**6,558**	**6,324**	**6,559**	**6,589**
Retail trade	**21,159**	**21,867**	**22,256**	**18,897**	**19,476**	**19,866**
Finance, insurance, and real estate	**7,021**	**6,926**	**7,051**	**7,251**	**7,216**	**7,315**
Depository institutions	2,068	2,023	2,018	1,973	1,937	1,923
Nondepository institutions	488	463	513	485	466	506
Security and commodity brokers	543	554	582	592	622	648
Insurance carriers	1,522	1,497	1,503	1,468	1,449	1,447
Insurance agents, brokers, and service	723	732	746	853	856	873
Real estate	1,422	1,410	1,441	1,635	1,648	1,680
Holding and other investment offices	255	247	248	245	238	238
Services	**33,684**	**35,186**	**36,544**	**33,627**	**35,048**	**36,442**
Hotels and other lodging places	1,712	1,754	1,791	1,549	1,587	1,625
Personal services	1,276	1,300	1,317	1,725	1,776	1,805
Business services	6,352	6,935	7,484	6,538	7,109	7,664
Auto repair, services, and parking	1,075	1,132	1,205	1,338	1,362	1,480
Miscellaneous repair services	350	374	389	568	591	573
Motion pictures	458	506	553	498	543	583
Amusement and recreation services	1,421	1,519	1,593	1,264	1,327	1,420
Health services	9,318	9,568	9,809	8,677	8,903	9,168
Legal services	1,059	1,056	1,063	1,184	1,173	1,147
Educational services	2,024	2,075	2,141	1,860	1,915	1,986
Social services and membership organizations	4,478	4,637	4,760	4,351	4,504	4,623
Social services	2,328	2,454	2,534	2,563	2,689	2,772
Membership organizations	2,150	2,183	2,226	1,788	1,815	1,851
Other services [2]	2,877	3,049	3,193	3,254	3,439	3,572
Private households	1,284	1,281	1,246	821	819	796
Government	**21,932**	**21,976**	**21,947**	**18,292**	**18,327**	**18,204**
Federal	5,720	5,560	5,357	4,661	4,530	4,368
General government	4,748	4,573	4,366	3,867	3,725	3,562
Civilian	2,100	2,026	1,952	2,052	1,984	1,912
Military [3]	2,648	2,547	2,414	1,815	1,741	1,650
Government enterprises	972	987	991	794	805	806
State and local	16,212	16,416	16,590	13,631	13,797	13,836
General government	15,295	15,485	15,655	12,754	12,910	12,945
Education	8,220	8,389	8,542	6,635	6,770	6,791
Other	7,075	7,096	7,113	6,119	6,140	6,154
Government enterprises	917	931	935	877	887	891
Rest of the world [4]	**–563**	**–569**	**–551**	**–482**	**–488**	**–485**

1. Equals the number of full-time equivalent employees (table 6.5) plus the number of self-employed persons (table 6.7). Unpaid family workers are not included.

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

3. Includes Coast Guard.

4. Beginning with 1993, 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

	Dollars			Thousands		
	Wages and salaries per full-time equivalent			Full-time equivalent employees		
	1994	1995	1996	1994	1995	1996
Total [1]	**30,131**	**31,032**	**32,121**	**107,996**	**110,935**	**113,125**
Domestic industries	**30,020**	**30,919**	**32,006**	**108,478**	**111,423**	**113,610**
Private industries	**29,432**	**30,314**	**31,378**	**90,186**	**93,096**	**95,406**
Agriculture, forestry, and fishing	**17,833**	**18,331**	**18,870**	**1,674**	**1,741**	**1,827**
Farms	17,118	17,888	18,709	720	744	757
Agricultural services, forestry, and fishing	18,372	18,662	18,984	954	997	1,070
Mining	**44,482**	**46,683**	**48,329**	**593**	**575**	**572**
Metal mining	44,633	48,423	50,130	49	52	54
Coal mining	45,391	47,417	48,856	110	103	97
Oil and gas extraction	47,006	49,613	51,556	332	315	315
Nonmetallic minerals, except fuels	35,216	36,314	37,340	102	105	106
Construction	**30,191**	**30,453**	**31,649**	**4,883**	**5,178**	**5,442**
Manufacturing	**34,725**	**35,852**	**37,165**	**18,013**	**18,179**	**18,164**
Durable goods	36,724	37,751	39,030	10,337	10,550	10,660
Lumber and wood products	24,400	25,131	26,162	758	772	782
Furniture and fixtures	24,312	25,068	26,085	493	502	497
Stone, clay, and glass products	32,299	33,345	34,799	528	531	533
Primary metal industries	38,788	40,100	41,003	692	698	704
Fabricated metal products	32,455	32,954	34,072	1,371	1,420	1,425
Industrial machinery and equipment	39,063	40,093	41,761	1,964	2,050	2,072
Electronic and other electric equipment	37,277	39,005	40,279	1,564	1,607	1,643
Motor vehicles and equipment	47,516	47,248	48,410	892	950	958
Other transportation equipment	43,674	44,712	45,683	844	809	814
Instruments and related products	42,506	44,810	46,451	846	826	843
Miscellaneous manufacturing industries	27,317	28,192	28,902	385	385	389
Nondurable goods	32,032	33,226	34,516	7,676	7,629	7,504
Food and kindred products	29,157	30,163	30,681	1,633	1,642	1,654
Tobacco products	47,953	52,738	54,000	43	42	42
Textile mill products	23,642	24,002	24,950	670	654	623
Apparel and other textile products	18,169	18,828	19,877	960	920	846
Paper and allied products	38,292	39,558	40,935	685	684	676
Printing and publishing	33,259	34,543	35,791	1,449	1,450	1,445
Chemicals and allied products	48,932	51,200	53,344	1,037	1,027	1,020
Petroleum and coal products	53,766	55,190	56,457	145	142	138
Rubber and miscellaneous plastics products	29,253	29,921	30,884	941	962	965
Leather and leather products	21,531	22,349	23,547	113	106	95
Transportation and public utilities	**37,401**	**38,369**	**39,278**	**5,664**	**5,780**	**5,883**
Transportation	31,882	32,279	32,994	3,564	3,690	3,783
Railroad transportation	51,132	51,232	53,877	220	220	212
Local and interurban passenger transit	19,655	20,133	20,848	371	384	402
Trucking and warehousing	28,924	29,366	30,348	1,720	1,791	1,550
Water transportation	37,353	37,862	38,729	167	167	166
Transportation by air	38,953	39,088	36,644	698	725	1,043
Pipelines, except natural gas	54,647	57,933	59,214	17	15	14
Transportation services	29,593	30,884	31,551	371	388	396
Communications	46,802	49,316	50,716	1,182	1,195	1,228
Telephone and telegraph	50,736	52,945	54,287	838	837	854
Radio and television	37,218	40,832	42,561	344	358	374
Electric, gas, and sanitary services	46,725	48,857	50,433	918	895	872
Wholesale trade	**36,504**	**37,817**	**39,256**	**5,971**	**6,200**	**6,278**
Retail trade	**18,130**	**18,300**	**18,821**	**17,307**	**18,029**	**18,383**
Finance, insurance, and real estate	**39,282**	**41,698**	**44,629**	**6,620**	**6,550**	**6,635**
Depository institutions	31,921	33,935	35,926	1,972	1,935	1,921
Nondepository institutions	38,647	41,070	43,224	468	446	491
Security and commodity brokers	89,937	97,499	108,760	521	533	558
Insurance carriers	39,610	41,494	43,593	1,468	1,449	1,447
Insurance agents, brokers, and services	36,447	37,854	39,648	687	697	707
Real estate	27,456	28,308	29,780	1,259	1,252	1,273
Holding and other investment offices	58,767	63,971	67,933	245	238	238
Services	**27,886**	**28,987**	**29,935**	**29,461**	**30,864**	**32,222**
Hotels and other lodging places	19,585	20,117	20,733	1,479	1,519	1,559
Personal services	17,337	17,915	18,518	1,118	1,139	1,162
Business services	24,554	25,942	27,713	5,795	6,372	6,875
Auto repair, services, and parking	21,943	22,454	23,074	1,005	1,061	1,136
Miscellaneous repair services	27,216	28,134	29,204	320	343	358
Motion pictures	34,434	36,639	37,706	355	393	432
Amusement and recreation services	22,904	23,680	24,509	1,143	1,231	1,296
Health services	32,780	34,098	34,624	8,288	8,492	8,774
Legal services	51,497	53,107	54,984	940	937	944
Educational services	23,637	24,263	24,895	1,747	1,801	1,868
Social services and membership organizations	19,266	19,834	20,346	3,808	3,950	4,067
Social services	17,381	17,931	18,396	2,020	2,135	2,216
Membership organizations	21,395	22,074	22,681	1,788	1,815	1,851
Other services [2]	43,984	45,754	47,146	2,642	2,807	2,955
Private households	13,143	14,118	14,079	821	819	796
Government	**32,921**	**33,992**	**35,300**	**18,292**	**18,327**	**18,204**
Federal	37,205	38,641	40,574	4,661	4,530	4,368
General government	36,138	37,774	39,876	3,867	3,725	3,562
Civilian	41,357	42,611	44,739	2,052	1,984	1,912
Military [3]	30,237	32,262	34,241	1,815	1,741	1,650
Government enterprises	42,404	42,655	43,660	794	805	806
State and local	31,456	32,466	33,634	13,631	13,797	13,836
General government	31,323	32,330	33,514	12,754	12,910	12,945
Education	31,269	32,195	33,611	6,635	6,770	6,791
Other	31,380	32,479	33,408	6,119	6,140	6,154
Government enterprises	33,396	34,446	35,377	877	887	891
Rest of the world [4]	.....	.....	.....	**–482**	**–488**	**–485**

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

3. Includes Coast Guard.

4. Beginning with 1993, 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 (1992) dollars		
	1994	1995	1996	1994	1995	1996
Farm output	**202.9**	**197.9**	**219.9**	**199.4**	**192.0**	**193.1**
Cash receipts from farm marketings	180.9	193.9	204.2	178.2	188.5	179.0
Crops	92.8	106.9	111.4	88.4	96.9	88.9
Livestock	88.1	87.0	92.9	89.9	91.3	90.5
Farm housing	5.8	5.9	6.1	5.2	5.2	5.1
Farm products consumed on farms	.5	.5	.4	.5	.5	.4
Other farm income	4.9	5.6	6.3	4.8	5.2	5.3
Change in farm inventories	10.8	–7.9	2.9	11.7	–9.2	2.6
Crops	9.7	–8.2	4.1	9.2	–7.7	3.0
Livestock	1.1	.2	–1.3	1.2	.3	–1.5
Less: Intermediate goods and services purchased	119.4	124.4	130.6	114.7	117.6	117.3
Intermediate goods and services, other than rent	105.3	110.0	113.7	100.7	103.4	101.2
Rent paid to nonoperator landlords	14.1	14.3	16.8	14.0	14.2	16.2
***Equals*: Gross farm product**	**83.5**	**73.5**	**89.4**	**85.0**	**74.2**	**75.5**
Less: Consumption of fixed capital	23.7	24.7	25.6	22.4	22.8	23.2
***Equals*: Net farm product**	**59.8**	**48.8**	**63.8**	**62.9**	**51.3**	**52.2**
Less: Indirect business tax and nontax liability	4.8	5.1	5.1	.....	.....	.....
Plus: Subsidies to operators	6.6	6.1	6.1	.....	.....	.....
***Equals*: Farm national income**	**61.5**	**49.7**	**64.9**	.....	.....	.....
Compensation of employees	14.6	15.7	16.5	.....	.....	.....
Wage and salary accruals	12.3	13.3	14.2	.....	.....	.....
Supplements to wages and salaries	2.2	2.4	2.3	.....	.....	.....
Proprietors' income and corporate profits with IVA and CCAdj	37.8	24.7	38.6	.....	.....	.....
Proprietors' income	36.9	23.4	37.2	.....	.....	.....
Corporate profits	.9	1.2	1.4	.....	.....	.....
Net interest	9.1	9.4	9.8	.....	.....	.....

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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.
CCAdj Capital consumption adjustment
IVA Inventory valuation adjustment

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

	Billions of dollars			Billions of chained (1992) dollars		
	1994	1995	1996	1994	1995	1996
Housing output [1]	**686.7**	**722.7**	**758.1**	**649.9**	**663.4**	**675.2**
Nonfarm housing	680.9	716.8	752.0	644.8	658.3	670.2
Owner-occupied	507.0	532.2	558.3	479.6	487.2	495.3
Tenant-occupied	174.0	184.6	193.6	165.2	171.1	174.9
Farm housing	5.8	5.9	6.1	5.2	5.2	5.1
Less: Intermediate goods and services consumed	87.6	88.5	94.1	83.1	82.1	85.3
***Equals*: Gross housing product**	**599.1**	**634.2**	**664.0**	**566.8**	**581.3**	**589.9**
Nonfarm housing	594.4	629.2	658.8	562.7	577.0	585.7
Owner-occupied	439.5	462.8	484.0	415.6	423.1	428.3
Tenant-occupied	155.0	166.4	174.9	147.1	153.9	157.5
Farm housing	4.7	5.0	5.1	4.2	4.3	4.2
Less: Consumption of fixed capital	120.5	114.8	118.2	112.2	103.6	104.6
Capital consumption allowances	60.9	59.6	62.8	.....	.....	.....
Less: CCAdj	–59.6	–55.1	–55.4	.....	.....	.....
***Equals*: Net housing product**	**478.6**	**519.4**	**545.8**	**454.5**	**477.8**	**485.5**
Less: Indirect business tax and nontax liability plus business transfer payments	112.9	116.2	119.5	.....	.....	.....
Plus: Subsidies less current surplus of government enterprises	20.6	20.8	22.6	.....	.....	.....
***Equals*: Housing national income**	**386.4**	**424.0**	**448.9**	.....	.....	.....
Compensation of employees	7.7	8.1	8.5	.....	.....	.....
Proprietors' income with IVA and CCAdj	17.6	25.2	27.1	.....	.....	.....
Rental income of persons with CCAdj	96.7	104.3	115.8	.....	.....	.....
Corporate profits with IVA and CCAdj	4.2	5.1	5.6	.....	.....	.....
Net interest	260.2	281.3	292.0	.....	.....	.....

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

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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.
CCAdj Capital consumption adjustment
IVA Inventory valuation adjustment

Table B.12.—Net Stock of Fixed Private Capital, by Type

[Yearend estimates]

	Current-cost valuation (billions of dollars)						Chain-type quantity indexes (1992=100)					
	1991	1992	1993	1994	1995	1996	1991	1992	1993	1994	1995	1996
Fixed private capital	**12,955.2**	**13,484.1**	**14,198.8**	**15,064.5**	**15,738.6**	**16,503.4**	**98.49**	**100.00**	**101.94**	**104.15**	**106.67**	**109.58**
Private producers' durable equipment	**2,570.3**	**2,642.7**	**2,742.1**	**2,881.7**	**3,050.3**	**3,232.9**	**98.37**	**100.00**	**102.74**	**106.62**	**111.68**	**117.63**
Nonresidential equipment	**2,519.5**	**2,590.0**	**2,686.7**	**2,823.1**	**2,989.3**	**3,168.9**	**98.39**	**100.00**	**102.72**	**106.61**	**111.70**	**117.69**
Information processing and related equipment	603.2	629.0	650.4	673.8	704.0	785.4	94.86	100.00	106.40	113.96	125.25	140.31
Office, computing, and accounting machinery	119.0	120.7	128.3	138.5	151.2	175.7	87.31	100.00	120.18	144.51	189.31	264.83
Computers and peripheral equipment	99.5	101.0	107.9	118.0	130.4	153.9	85.14	100.00	124.20	154.49	211.49	308.42
Other office equipment	19.5	19.7	20.4	20.6	20.9	21.8	99.35	100.00	101.27	101.08	101.82	108.04
Communication equipment	318.9	330.8	333.0	335.3	342.7	391.5	97.21	100.00	102.41	106.50	112.84	120.39
Instruments	101.4	109.9	117.9	124.1	130.6	136.2	95.09	100.00	105.34	109.32	112.73	116.19
Photocopy and related equipment	64.0	67.5	71.2	75.8	79.4	82.0	97.52	100.00	104.27	109.02	112.00	113.98
Industrial equipment	898.3	916.8	945.7	991.4	1,050.3	1,083.6	99.38	100.00	101.38	103.55	106.34	108.92
Fabricated metal products	87.7	86.7	87.0	90.3	93.5	95.7	100.79	100.00	100.07	100.95	101.72	102.72
Engines and turbines	50.8	51.8	53.2	56.8	58.4	59.7	97.84	100.00	102.12	104.56	105.58	105.86
Steam engines	46.0	47.1	48.2	51.5	52.5	53.5	97.48	100.00	102.13	104.33	104.68	104.57
Internal combustion engines	4.8	4.7	5.0	5.4	5.9	6.3	101.47	100.00	102.06	106.76	114.34	118.43
Metalworking machinery	167.1	168.8	174.4	183.0	197.0	205.8	100.38	100.00	100.48	102.74	106.16	109.54
Special industry machinery, n.e.c	193.4	199.4	207.5	218.2	232.1	240.0	99.14	100.00	101.85	104.03	107.46	109.64
General industrial, including materials handling, equipment	185.7	189.0	194.9	202.5	212.5	220.8	100.53	100.00	100.70	102.25	104.37	107.35
Electrical transmission, distribution, and industrial apparatus	213.6	221.0	228.7	240.5	256.7	261.6	97.65	100.00	102.57	105.65	109.13	112.29
Transportation and related equipment	491.2	510.0	538.9	581.2	627.2	660.5	98.93	100.00	102.30	106.91	111.87	116.89
Trucks, buses, and truck trailers	160.6	169.1	185.5	210.1	236.8	259.6	98.99	100.00	105.33	115.39	127.18	139.25
Autos	102.5	107.6	111.7	124.6	131.1	138.0	97.44	100.00	100.93	109.20	113.03	117.20
Aircraft	114.4	121.2	127.1	129.2	136.2	140.3	97.17	100.00	102.25	100.57	101.80	103.08
Ships and boats	45.5	45.1	45.6	44.7	44.3	44.4	103.69	100.00	98.25	95.33	92.42	89.79
Railroad equipment	68.2	67.1	69.0	72.7	78.8	78.3	101.16	100.00	99.65	100.79	102.22	102.81
Other equipment	526.8	534.2	551.8	576.6	607.7	639.4	100.42	100.00	101.19	103.29	106.07	109.92
Furniture and fixtures	140.0	146.1	153.8	163.0	175.0	186.2	96.81	100.00	103.04	105.84	110.10	115.18
Household furniture	9.0	9.1	9.4	9.7	10.1	10.5	100.22	100.00	100.43	101.74	103.22	105.88
Other furniture	131.0	137.0	144.4	153.3	164.9	175.7	96.59	100.00	103.21	106.12	110.55	115.79
Tractors	54.1	54.1	55.1	57.2	59.1	60.9	102.77	100.00	99.71	101.34	103.25	105.60
Farm tractors	42.3	42.4	43.2	45.1	46.8	48.2	102.43	100.00	100.28	102.61	105.11	107.84
Construction tractors	11.8	11.7	11.9	12.1	12.3	12.7	103.99	100.00	97.68	96.85	96.65	97.69
Agricultural machinery, except tractors	65.4	64.9	65.6	67.1	69.9	72.2	103.85	100.00	98.79	99.07	99.89	101.40
Construction machinery, except tractors	66.7	66.0	66.8	69.6	73.2	77.1	104.46	100.00	99.09	100.51	103.15	106.11
Mining and oilfield machinery	16.7	15.3	14.6	14.0	13.8	13.3	110.04	100.00	93.67	87.79	83.85	78.91
Service industry machinery	61.0	60.3	61.0	64.5	69.2	76.7	103.27	100.00	99.38	103.02	107.46	117.36
Electrical equipment, n.e.c	41.5	44.6	47.2	48.9	50.3	50.9	94.43	100.00	104.87	107.43	109.26	111.42
Household appliances	4.5	4.6	4.7	4.9	5.1	5.2	99.31	100.00	101.98	104.43	107.35	110.74
Other	37.0	40.1	42.5	44.0	45.2	45.7	93.87	100.00	105.20	107.77	109.47	111.49
Other nonresidential equipment	81.2	83.0	87.7	92.4	97.2	102.1	98.81	100.00	103.18	106.40	109.34	112.59
Residential equipment	**50.8**	**52.6**	**55.4**	**58.6**	**61.0**	**64.1**	**97.03**	**100.00**	**103.36**	**107.18**	**111.01**	**114.80**
Private structures	**10,384.9**	**10,841.4**	**11,456.7**	**12,182.8**	**12,688.3**	**13,270.4**	**98.52**	**100.00**	**101.75**	**103.57**	**105.50**	**107.74**
Nonresidential structures	**4,177.2**	**4,302.7**	**4,528.9**	**4,775.6**	**4,970.8**	**5,163.3**	**98.92**	**100.00**	**101.16**	**102.20**	**103.61**	**105.43**
Nonresidential buildings, excluding farm	2,593.9	2,686.1	2,834.9	3,011.3	3,144.1	3,299.0	98.44	100.00	101.38	102.97	105.02	107.92
Industrial buildings	589.7	613.0	636.2	673.6	700.7	725.9	98.36	100.00	100.17	101.44	103.03	104.54
Office buildings [1]	611.2	625.4	670.1	707.8	736.5	767.1	98.72	100.00	101.51	102.54	104.24	106.37
Commercial buildings	653.7	678.7	717.2	765.0	803.8	855.8	98.46	100.00	101.96	103.93	106.63	111.20
Mobile structures	6.4	6.6	7.2	7.9	8.3	8.7	98.26	100.00	101.54	103.27	105.36	107.95
Other commercial [2]	647.4	672.1	710.1	757.1	795.5	847.1	98.47	100.00	101.97	103.94	106.64	111.24
Religious buildings	119.7	123.5	129.4	136.6	141.4	146.2	99.10	100.00	101.10	102.06	103.23	104.47
Educational buildings	102.6	108.0	114.7	123.5	130.2	138.0	97.05	100.00	102.47	105.40	108.64	112.77
Hospital and institutional buildings	246.2	259.8	276.7	297.9	311.6	325.6	96.87	100.00	102.72	105.71	108.08	110.59
Other	270.8	277.6	290.6	307.0	319.9	340.5	99.67	100.00	100.79	101.88	103.76	108.01
Hotels and motels	135.6	139.2	145.9	153.7	161.0	173.3	99.51	100.00	101.03	101.79	104.25	109.82
Amusement and recreational buildings	67.8	70.2	73.7	78.6	83.2	88.7	98.63	100.00	101.25	103.20	106.83	111.45
Other nonfarm buildings [3]	67.4	68.2	71.0	74.7	75.7	78.5	101.07	100.00	99.84	100.73	99.60	100.81
Utilities	1,032.3	1,062.0	1,120.2	1,159.7	1,199.7	1,236.4	99.44	100.00	100.59	100.76	101.29	101.73
Railroad	266.7	272.4	290.1	294.0	300.3	311.1	100.93	100.00	99.08	98.22	97.42	96.92
Telecommunications	181.1	185.3	194.0	204.8	218.3	229.9	98.21	100.00	101.66	103.71	106.33	109.22
Electric light and power	410.9	423.8	443.4	459.6	476.5	481.8	99.61	100.00	100.86	100.77	101.20	101.28
Gas	136.8	143.1	153.0	160.0	163.1	170.4	97.56	100.00	101.42	101.99	102.88	103.23
Petroleum pipelines	36.8	37.5	39.6	41.2	41.5	43.2	100.12	100.00	100.18	100.25	100.00	99.92
Farm related buildings and structures	182.0	183.5	194.3	201.6	204.6	206.1	101.36	100.00	102.10	101.29	100.48	99.14
Mining exploration, shafts, and wells	263.8	259.0	260.1	274.5	283.7	278.5	101.90	100.00	99.14	98.31	97.36	95.89
Petroleum and natural gas	234.7	229.3	229.2	241.6	250.0	244.5	102.17	100.00	98.97	97.82	96.76	95.21
Other mining	29.0	29.7	31.0	32.9	33.7	34.1	99.81	100.00	100.48	101.99	101.92	101.14
Other nonfarm structures [4]	105.2	112.1	119.4	128.4	138.7	143.3	94.60	100.00	104.32	107.95	111.30	113.37
Residential structures	**6,207.7**	**6,538.7**	**6,927.8**	**7,407.2**	**7,717.5**	**8,107.1**	**98.25**	**100.00**	**102.14**	**104.47**	**106.75**	**109.25**
Housing units	5,057.2	5,327.0	5,667.3	6,078.4	6,322.4	6,639.3	98.37	100.00	102.00	104.20	106.43	108.99
Permanent site	4,959.6	5,226.1	5,557.9	5,956.2	6,190.1	6,497.7	98.36	100.00	102.00	104.17	106.36	108.86
1-to-4-unit	4,226.4	4,465.3	4,796.1	5,182.3	5,398.5	5,662.9	98.09	100.00	102.37	105.01	107.45	110.22
5-or-more-unit	733.2	760.7	761.9	773.8	791.5	834.8	99.97	100.00	99.78	99.05	99.64	100.47
Mobile homes	97.6	100.9	109.4	122.2	132.3	141.5	99.10	100.00	102.02	105.56	110.07	115.21
Improvements	1,124.7	1,185.1	1,232.6	1,299.8	1,365.8	1,438.0	97.64	100.00	102.83	105.87	108.42	110.75
Other residential [5]	25.9	26.6	27.8	29.0	29.3	29.9	100.98	100.00	99.67	98.53	97.95	97.69

1. Consists of office buildings, except those occupied by electric and gas utility companies.
2. Consists primarily of stores, restaurants, garages, service stations, warehouses, and other buildings used for commercial purposes.
3. Consists of buildings not elsewhere classified, such as passenger terminals, greenhouses, and animal hospitals.
4. Consists primarily of streets, dams, reservoirs, sewer and water facilities, parks, and airfields.
5. Consists primarily of dormitories, fraternity and sorority houses, and nurses' homes.

n.e.c. Not elsewhere classified.

C. Historical Tables

Table C.1 is derived from the "Summary National Income and Product Series" tables that were published in the August 1997 issue of the SURVEY OF CURRENT BUSINESS; tables C.2–C.7 are derived from NIPA tables published in the August 1997 issue. (Changes in prices are calculated from indexes expressed to three decimal places.)

Table C.1.—Historical Measures of Real Gross Domestic Product, Real Gross National Product, and Real Gross Domestic Purchases

[Quarterly data are seasonally adjusted at annual rates]

Year and quarter	Billions of chained (1992) dollars			Percent change from preceding period		Chain-type price indexes		Implicit price deflators		Percent change from preceding period			
										Chain-type price index		Implicit price deflators	
	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	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
1959	2,210.2	2,206.9	2,222.0	7.4	6.5	22.95	22.44	22.95	22.96	1.0	1.0	1.0	1.0
1960	2,262.9	2,264.2	2,276.0	2.4	2.6	23.27	22.75	23.27	23.28	1.4	1.4	1.4	1.4
1961	2,314.3	2,318.0	2,329.1	2.3	2.4	23.54	23.00	23.54	23.55	1.2	1.1	1.2	1.2
1962	2,454.8	2,445.4	2,471.5	6.1	5.5	23.84	23.28	23.84	23.85	1.3	1.2	1.3	1.3
1963	2,559.4	2,552.4	2,577.3	4.3	4.4	24.12	23.58	24.12	24.13	1.2	1.3	1.2	1.2
1964	2,708.4	2,705.1	2,727.8	5.8	6.0	24.48	23.94	24.48	24.49	1.5	1.6	1.5	1.5
1965	2,881.1	2,860.4	2,901.4	6.4	5.7	24.95	24.39	24.96	24.97	1.9	1.9	2.0	2.0
1966	3,069.2	3,033.5	3,087.8	6.5	6.1	25.66	25.07	25.67	25.68	2.8	2.8	2.8	2.8
1967	3,147.2	3,125.1	3,166.4	2.5	3.0	26.48	25.83	26.49	26.50	3.2	3.0	3.2	3.2
1968	3,293.9	3,278.0	3,314.5	4.7	4.9	27.64	26.95	27.64	27.66	4.4	4.3	4.4	4.4
1969	3,393.6	3,377.2	3,413.3	3.0	3.0	28.94	28.21	28.94	28.96	4.7	4.7	4.7	4.7
1970	3,397.6	3,406.5	3,417.1	.1	.9	30.48	29.73	30.48	30.50	5.3	5.4	5.3	5.3
1971	3,510.0	3,499.8	3,532.1	3.3	2.7	32.05	31.32	32.06	32.08	5.2	5.3	5.2	5.2
1972	3,702.3	3,689.5	3,726.3	5.5	5.4	33.42	32.71	33.42	33.44	4.2	4.5	4.2	4.2
1973	3,916.3	3,883.9	3,950.1	5.8	5.3	35.30	34.64	35.30	35.32	5.6	5.9	5.6	5.6
1974	3,891.2	3,873.4	3,930.2	–.6	–.3	38.46	38.17	38.47	38.49	8.9	10.2	9.0	8.9
1975	3,873.9	3,906.4	3,903.3	–.4	.9	42.09	41.72	42.09	42.11	9.4	9.3	9.4	9.4
1976	4,082.9	4,061.7	4,118.8	5.4	4.0	44.55	44.15	44.55	44.58	5.8	5.8	5.8	5.9
1977	4,273.6	4,240.8	4,314.5	4.7	4.4	47.42	47.18	47.43	47.46	6.5	6.9	6.5	6.5
1978	4,503.0	4,464.4	4,543.7	5.4	5.3	50.88	50.65	50.89	50.92	7.3	7.4	7.3	7.3
1979	4,630.6	4,614.4	4,687.4	2.8	3.4	55.22	55.22	55.23	55.26	8.5	9.0	8.5	8.5
1980	4,615.0	4,641.9	4,670.8	–.3	.6	60.34	61.10	60.33	60.36	9.3	10.7	9.2	9.2
1981	4,720.7	4,691.6	4,769.9	2.3	1.1	66.01	66.72	66.01	66.05	9.4	9.2	9.4	9.4
1982	4,620.3	4,651.2	4,662.0	–2.1	–.9	70.18	70.64	70.17	70.21	6.3	5.9	6.3	6.3
1983	4,803.7	4,821.2	4,844.8	4.0	3.7	73.16	73.31	73.16	73.20	4.3	3.8	4.3	4.3
1984	5,140.1	5,061.6	5,178.0	7.0	5.0	75.92	75.90	75.92	75.97	3.8	3.5	3.8	3.8
1985	5,323.5	5,296.9	5,346.7	3.6	4.6	78.53	78.34	78.53	78.57	3.4	3.2	3.4	3.4
1986	5,487.7	5,480.9	5,501.2	3.1	3.5	80.58	80.40	80.58	80.62	2.6	2.6	2.6	2.6
1987	5,649.5	5,626.0	5,658.2	2.9	2.6	83.06	83.11	83.06	83.09	3.1	3.4	3.1	3.1
1988	5,865.2	5,855.1	5,878.5	3.8	4.1	86.10	86.13	86.09	86.12	3.7	3.6	3.7	3.7
1989	6,062.0	6,028.7	6,075.7	3.4	3.0	89.72	89.78	89.72	89.75	4.2	4.2	4.2	4.2
1990	6,136.3	6,126.7	6,157.0	1.2	1.6	93.64	93.83	93.60	93.63	4.4	4.5	4.3	4.3
1991	6,079.4	6,082.6	6,094.9	–.9	–.7	97.32	97.30	97.32	97.33	3.9	3.7	4.0	4.0
1992	6,244.4	6,237.4	6,255.5	2.7	2.5	100.00	100.00	100.00	100.00	2.8	2.8	2.8	2.7
1993	6,389.6	6,368.9	6,408.0	2.3	2.1	102.64	102.48	102.64	102.63	2.6	2.5	2.6	2.6
1994	6,610.7	6,551.2	6,619.1	3.5	2.9	105.09	104.85	105.09	105.08	2.4	2.3	2.4	2.4
1995	6,742.1	6,712.7	6,748.7	2.0	2.5	107.76	107.52	107.76	107.73	2.5	2.5	2.5	2.5
1996	6,928.4	6,901.0	6,932.0	2.8	2.8	110.22	109.86	110.21	110.18	2.3	2.2	2.3	2.3
1959: I	2,165.0	2,165.5	2,176.2	8.6	9.2	22.86	22.35	22.92	22.93	.8	1.1	.8	.8
II	2,223.3	2,204.2	2,234.5	11.2	7.3	22.92	22.41	22.91	22.91	1.1	1.1	–.3	–.3
III	2,221.4	2,232.6	2,233.5	–.3	5.3	22.96	22.45	22.94	22.95	.7	.7	.6	.6
IV	2,231.0	2,225.3	2,243.9	1.7	–1.3	23.05	22.53	23.03	23.04	1.5	1.5	1.6	1.6
1960: I	2,279.2	2,248.5	2,291.6	8.9	4.2	23.10	22.57	23.13	23.14	.9	.8	1.8	1.9
II	2,265.5	2,268.4	2,278.2	–2.4	3.6	23.21	22.69	23.22	23.23	2.0	2.1	1.5	1.5
III	2,268.3	2,265.1	2,281.6	.5	–.6	23.32	22.80	23.32	23.33	2.0	2.0	1.7	1.7
IV	2,238.6	2,274.7	2,252.7	–5.1	1.7	23.44	22.92	23.40	23.41	2.1	2.1	1.4	1.4
1961: I	2,251.7	2,277.7	2,266.8	2.4	.5	23.48	22.96	23.45	23.46	.7	.6	.9	.9
II	2,292.0	2,301.1	2,306.3	7.4	4.2	23.51	22.97	23.51	23.52	.5	.2	1.0	1.0
III	2,332.6	2,320.4	2,347.1	7.3	3.4	23.55	23.01	23.56	23.57	.7	.7	.8	.8
IV	2,381.0	2,372.8	2,395.9	8.6	9.3	23.61	23.06	23.63	23.64	1.1	.9	1.2	1.2
1962: I	2,422.6	2,400.3	2,437.4	7.2	4.7	23.73	23.17	23.75	23.76	2.0	1.9	2.0	2.0
II	2,448.0	2,440.7	2,464.4	4.3	6.9	23.80	23.24	23.81	23.81	1.1	1.4	1.0	1.0
III	2,471.9	2,462.0	2,488.4	4.0	3.5	23.86	23.31	23.87	23.87	1.1	1.1	1.0	1.0
IV	2,476.7	2,478.7	2,495.9	.8	2.7	23.96	23.41	23.94	23.95	1.7	1.8	1.2	1.2
1963: I	2,508.7	2,492.4	2,526.9	5.3	2.2	24.03	23.48	24.00	24.01	1.2	1.3	1.1	1.1
II	2,538.1	2,533.8	2,555.5	4.8	6.8	24.07	23.53	24.07	24.08	.6	.8	1.1	1.1
III	2,586.3	2,578.0	2,604.0	7.8	7.2	24.11	23.58	24.12	24.13	.7	.9	.8	.8
IV	2,604.6	2,605.3	2,622.9	2.9	4.3	24.26	23.72	24.29	24.30	2.4	2.5	3.0	3.0
1964: I	2,666.7	2,663.1	2,686.8	9.9	9.2	24.33	23.80	24.35	24.36	1.2	1.3	.9	.9
II	2,697.5	2,695.0	2,716.8	4.7	4.9	24.41	23.89	24.41	24.42	1.3	1.5	.9	.9
III	2,729.6	2,727.6	2,749.5	4.8	4.9	24.53	23.99	24.52	24.53	1.9	1.8	1.8	1.8
IV	2,739.7	2,734.5	2,758.1	1.5	1.0	24.64	24.09	24.64	24.65	1.8	1.6	2.1	2.1
1965: I	2,808.9	2,777.2	2,830.0	10.5	6.4	24.76	24.19	24.77	24.78	2.0	1.6	2.0	2.0
II	2,846.3	2,826.7	2,868.2	5.4	7.3	24.88	24.31	24.88	24.89	2.0	2.0	1.9	1.9
III	2,898.8	2,879.8	2,918.9	7.6	7.7	25.01	24.44	25.01	25.02	2.1	2.2	2.1	2.1
IV	2,970.5	2,957.8	2,988.6	10.3	11.3	25.16	24.61	25.17	25.18	2.5	2.8	2.6	2.6
1966: I	3,042.4	3,008.8	3,061.1	10.0	7.1	25.30	24.73	25.32	25.34	2.2	1.9	2.5	2.5
II	3,055.5	3,023.1	3,074.2	1.7	1.9	25.50	24.93	25.53	25.54	3.2	3.2	3.2	3.3
III	3,076.5	3,047.2	3,094.7	2.8	3.2	25.82	25.22	25.79	25.81	5.1	4.8	4.2	4.2
IV	3,102.4	3,054.8	3,121.4	3.4	1.0	26.03	25.41	26.02	26.03	3.4	3.1	3.5	3.5
1967: I	3,127.2	3,085.6	3,145.9	3.2	4.1	26.16	25.52	26.14	26.15	2.0	1.6	1.9	2.0
II	3,129.5	3,119.0	3,147.7	.3	4.4	26.32	25.67	26.31	26.32	2.5	2.5	2.5	2.5
III	3,154.2	3,134.2	3,174.4	3.2	2.0	26.57	25.92	26.60	26.61	3.9	3.9	4.5	4.5
IV	3,178.0	3,161.5	3,197.5	3.1	3.5	26.87	26.21	26.90	26.91	4.6	4.5	4.6	4.6

Table C.1.—Historical Measures of Real Gross Domestic Product, Real Gross National Product, and Real Gross Domestic Purchases—Continued

[Quarterly data are seasonally adjusted at annual rates]

Year and quarter	Billions of chained (1992) dollars			Percent change from preceding period		Chain-type price indexes		Implicit price deflators		Percent change from preceding period			
										Chain-type price index		Implicit price deflators	
	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	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
1968: I	3,236.2	3,225.3	3,256.2	7.5	8.3	27.19	26.52	27.21	27.22	4.8	4.9	4.7	4.8
II	3,292.1	3,258.0	3,312.5	7.1	4.1	27.50	26.80	27.49	27.50	4.5	4.2	4.1	4.1
III	3,316.1	3,303.9	3,337.3	3.0	5.8	27.75	27.06	27.75	27.76	3.7	4.0	3.8	3.8
IV	3,331.2	3,325.1	3,352.2	1.8	2.6	28.12	27.43	28.12	28.13	5.5	5.5	5.5	5.5
1969: I	3,381.9	3,357.5	3,402.8	6.2	4.0	28.38	27.66	28.39	28.40	3.7	3.5	3.8	3.9
II	3,390.2	3,373.0	3,410.3	1.0	1.9	28.74	28.02	28.73	28.75	5.2	5.3	5.0	5.0
III	3,409.7	3,389.6	3,428.5	2.3	2.0	29.14	28.40	29.14	29.16	5.7	5.6	5.8	5.8
IV	3,392.6	3,388.9	3,411.4	–2.0	–.1	29.51	28.77	29.51	29.52	5.2	5.2	5.1	5.1
1970: I	3,386.5	3,397.6	3,406.0	–.7	1.0	29.92	29.18	29.94	29.95	5.7	5.9	6.0	6.0
II	3,391.6	3,391.9	3,411.9	.6	–.7	30.36	29.59	30.36	30.37	6.0	5.8	5.7	5.7
III	3,423.0	3,421.9	3,442.9	3.7	3.6	30.60	29.87	30.61	30.63	3.2	3.8	3.4	3.4
IV	3,389.4	3,414.8	3,407.4	–3.9	–.8	31.02	30.29	31.02	31.03	5.6	5.7	5.4	5.4
1971: I	3,481.4	3,458.9	3,503.3	11.3	5.3	31.50	30.75	31.50	31.52	6.3	6.2	6.4	6.4
II	3,500.9	3,481.2	3,524.3	2.3	2.6	31.93	31.18	31.93	31.94	5.7	5.7	5.5	5.5
III	3,523.8	3,509.4	3,544.7	2.6	3.3	32.25	31.52	32.27	32.29	4.1	4.5	4.4	4.4
IV	3,533.8	3,549.5	3,556.0	1.1	4.7	32.53	31.81	32.54	32.55	3.5	3.7	3.3	3.3
1972: I	3,604.7	3,608.0	3,627.9	8.3	6.8	33.01	32.28	33.02	33.03	6.0	6.0	6.0	6.1
II	3,687.9	3,665.7	3,710.7	9.6	6.5	33.23	32.53	33.20	33.22	2.6	3.1	2.2	2.2
III	3,726.2	3,700.0	3,751.2	4.2	3.8	33.50	32.82	33.49	33.51	3.3	3.6	3.5	3.5
IV	3,790.4	3,784.3	3,815.3	7.1	9.4	33.93	33.23	33.95	33.97	5.2	5.1	5.6	5.6
1973: I	3,892.2	3,867.0	3,921.5	11.2	9.0	34.38	33.69	34.36	34.38	5.5	5.6	5.0	5.0
II	3,919.0	3,884.5	3,950.4	2.8	1.8	34.96	34.33	34.94	34.96	6.9	7.8	6.9	6.9
III	3,907.1	3,890.9	3,944.1	–1.2	.7	35.63	34.95	35.61	35.63	7.8	7.5	7.9	7.9
IV	3,947.1	3,893.1	3,984.4	4.2	.2	36.24	35.60	36.29	36.31	7.0	7.6	7.8	7.8
1974: I	3,908.1	3,889.1	3,952.4	–3.9	–.4	36.98	36.55	37.01	37.03	8.4	11.1	8.2	8.2
II	3,922.6	3,899.7	3,964.3	1.5	1.1	37.79	37.59	37.79	37.81	9.0	11.9	8.7	8.7
III	3,880.0	3,882.5	3,917.6	–4.3	–1.8	38.93	38.71	38.96	38.98	12.7	12.5	12.9	12.9
IV	3,854.1	3,822.2	3,886.1	–2.6	–6.1	40.14	39.84	40.13	40.15	13.0	12.2	12.6	12.5
1975: I	3,800.9	3,848.3	3,827.3	–5.4	2.8	41.04	40.69	41.05	41.07	9.2	8.8	9.5	9.5
II	3,835.2	3,887.9	3,861.8	3.7	4.2	41.67	41.34	41.66	41.68	6.3	6.5	6.1	6.1
III	3,907.0	3,922.7	3,936.1	7.7	3.6	42.44	42.05	42.41	42.44	7.6	7.0	7.4	7.4
IV	3,952.5	3,966.7	3,987.9	4.7	4.6	43.21	42.79	43.19	43.22	7.4	7.2	7.6	7.6
1976: I	4,044.6	4,027.0	4,078.8	9.7	6.2	43.68	43.26	43.69	43.72	4.4	4.5	4.7	4.7
II	4,072.2	4,039.1	4,107.9	2.8	1.2	44.17	43.76	44.15	44.18	4.6	4.7	4.2	4.2
III	4,088.5	4,061.7	4,124.8	1.6	2.3	44.78	44.42	44.77	44.80	5.7	6.1	5.7	5.7
IV	4,126.4	4,119.0	4,163.7	3.8	5.8	45.56	45.16	45.57	45.60	7.2	6.9	7.3	7.3
1977: I	4,176.3	4,161.4	4,219.4	4.9	4.2	46.31	45.99	46.32	46.34	6.7	7.6	6.8	6.7
II	4,260.1	4,228.4	4,302.2	8.3	6.6	47.08	46.81	47.07	47.10	6.8	7.3	6.6	6.7
III	4,329.5	4,270.0	4,371.2	6.7	4.0	47.74	47.55	47.66	47.69	5.7	6.4	5.1	5.1
IV	4,328.3	4,303.3	4,365.0	–.1	3.2	48.55	48.36	48.63	48.66	7.0	7.1	8.4	8.4
1978: I	4,345.5	4,306.0	4,388.6	1.6	.3	49.39	49.19	49.42	49.45	7.1	7.0	6.7	6.7
II	4,510.7	4,474.6	4,546.1	16.1	16.6	50.43	50.22	50.41	50.44	8.6	8.6	8.2	8.2
III	4,552.1	4,511.6	4,591.1	3.7	3.4	51.32	51.11	51.27	51.30	7.3	7.3	7.0	7.1
IV	4,603.7	4,565.4	4,649.0	4.6	4.9	52.37	52.08	52.35	52.39	8.4	7.9	8.7	8.7
1979: I	4,605.7	4,579.0	4,652.6	.2	1.2	53.46	53.21	53.51	53.54	8.6	9.0	9.1	9.1
II	4,615.6	4,577.0	4,668.7	.9	–.2	54.70	54.52	54.65	54.68	9.6	10.2	8.8	8.8
III	4,644.9	4,639.2	4,708.8	2.6	5.5	55.82	55.89	55.82	55.85	8.5	10.4	8.9	8.9
IV	4,656.2	4,662.5	4,719.5	1.0	2.0	56.92	57.25	56.92	56.95	8.1	10.2	8.1	8.1
1980: I	4,679.0	4,675.3	4,743.0	2.0	1.1	58.25	58.89	58.18	58.22	9.7	12.0	9.2	9.2
II	4,566.6	4,579.0	4,625.6	–9.3	–8.0	59.59	60.41	59.55	59.58	9.6	10.7	9.7	9.7
III	4,562.3	4,637.1	4,617.8	–.4	5.2	60.93	61.77	61.01	61.05	9.3	9.3	10.2	10.2
IV	4,651.9	4,676.1	4,696.6	8.1	3.4	62.57	63.33	62.59	62.64	11.2	10.5	10.8	10.8
1981: I	4,739.2	4,692.9	4,787.7	7.7	1.4	64.19	64.96	64.15	64.20	10.7	10.7	10.3	10.4
II	4,696.8	4,699.0	4,742.6	–3.5	.5	65.35	66.15	65.37	65.42	7.4	7.5	7.8	7.8
III	4,753.0	4,702.5	4,801.4	4.9	.3	66.65	67.27	66.65	66.69	8.2	7.0	8.0	8.0
IV	4,693.8	4,672.0	4,747.9	–4.9	–2.6	67.85	68.48	67.87	67.91	7.4	7.3	7.5	7.5
1982: I	4,615.9	4,655.4	4,658.5	–6.5	–1.4	68.85	69.42	68.86	68.91	6.0	5.6	6.0	6.0
II	4,634.9	4,651.2	4,682.9	1.7	–.4	69.71	70.17	69.72	69.77	5.1	4.4	5.1	5.1
III	4,612.1	4,616.9	4,651.1	–2.0	–2.9	70.69	71.10	70.66	70.70	5.7	5.4	5.5	5.5
IV	4,618.3	4,681.3	4,655.6	.5	5.7	71.46	71.85	71.44	71.47	4.5	4.3	4.4	4.4
1983: I	4,663.0	4,719.4	4,700.1	3.9	3.3	72.12	72.33	72.08	72.12	3.7	2.7	3.7	3.7
II	4,763.6	4,785.3	4,804.4	8.9	5.7	72.84	73.03	72.83	72.87	4.1	3.9	4.2	4.2
III	4,849.0	4,860.7	4,891.3	7.4	6.4	73.50	73.65	73.48	73.52	3.7	3.4	3.7	3.7
IV	4,939.2	4,919.5	4,983.5	7.7	4.9	74.19	74.24	74.19	74.24	3.8	3.2	3.9	3.9
1984: I	5,053.6	4,961.0	5,092.6	9.6	3.4	75.00	75.04	75.02	75.06	4.4	4.4	4.5	4.5
II	5,132.9	5,050.0	5,172.4	6.4	7.4	75.62	75.65	75.58	75.63	3.3	3.3	3.1	3.1
III	5,170.3	5,085.6	5,209.5	3.0	2.9	76.25	76.19	76.25	76.29	3.4	2.9	3.5	3.6
IV	5,203.7	5,149.9	5,237.5	2.6	5.2	76.82	76.71	76.81	76.85	3.0	2.7	3.0	2.9
1985: I	5,257.3	5,231.7	5,280.3	4.2	6.5	77.64	77.38	77.63	77.67	4.3	3.6	4.4	4.3
II	5,283.7	5,261.0	5,310.8	2.0	2.3	78.25	78.02	78.25	78.29	3.2	3.3	3.3	3.2
III	5,359.6	5,336.9	5,378.4	5.9	5.9	78.80	78.58	78.76	78.80	2.8	2.9	2.6	2.6
IV	5,393.6	5,358.0	5,417.5	2.6	1.6	79.44	79.37	79.45	79.49	3.3	4.1	3.5	3.5
1986: I	5,460.8	5,410.5	5,481.1	5.1	4.0	79.81	79.77	79.81	79.85	1.9	2.0	1.8	1.8
II	5,466.9	5,448.4	5,480.1	.4	2.8	80.26	79.97	80.22	80.26	2.2	1.0	2.1	2.1
III	5,496.3	5,518.2	5,510.4	2.2	5.2	80.81	80.60	80.84	80.88	2.8	3.2	3.1	3.1
IV	5,526.8	5,546.6	5,533.1	2.2	2.1	81.44	81.25	81.45	81.49	3.2	3.3	3.1	3.0
1987: I	5,561.8	5,535.8	5,568.7	2.6	–.8	82.11	82.07	82.09	82.12	3.3	4.1	3.2	3.2
II	5,618.0	5,608.4	5,628.7	4.1	5.4	82.68	82.74	82.68	82.71	2.8	3.3	2.9	2.9
III	5,667.4	5,671.5	5,676.0	3.6	4.6	83.35	83.44	83.33	83.36	3.3	3.4	3.2	3.2
IV	5,750.6	5,688.3	5,759.6	6.0	1.2	84.08	84.19	84.09	84.12	3.6	3.6	3.7	3.7
1988: I	5,785.3	5,774.2	5,802.3	2.4	6.2	84.69	84.81	84.67	84.69	2.9	3.0	2.7	2.8
II	5,844.0	5,840.1	5,857.5	4.1	4.6	85.56	85.68	85.56	85.59	4.2	4.2	4.3	4.3
III	5,878.7	5,869.2	5,889.4	2.4	2.0	86.67	86.58	86.66	86.69	5.3	4.3	5.2	5.2
IV	5,952.8	5,937.0	5,964.9	5.1	4.7	87.46	87.44	87.44	87.47	3.7	4.0	3.7	3.7

Table C.1.—Historical Measures of Real Gross Domestic Product, Real Gross National Product, and Real Gross Domestic Purchases—Continued

[Quarterly data are seasonally adjusted at annual rates]

Year and quarter	Billions of chained (1992) dollars			Percent change from preceding period		Chain-type price indexes		Implicit price deflators		Percent change from preceding period			
										Chain-type price index		Implicit price deflators	
	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	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
1989: I	6,011.0	5,970.0	6,023.1	4.0	2.2	88.44	88.47	88.45	88.48	4.5	4.8	4.7	4.7
II	6,055.6	6,010.9	6,065.5	3.0	2.8	89.40	89.52	89.39	89.42	4.4	4.8	4.3	4.3
III	6,088.0	6,063.1	6,101.8	2.2	3.5	90.13	90.14	90.13	90.16	3.3	2.8	3.3	3.3
IV	6,093.5	6,070.8	6,112.3	.4	.5	90.91	90.98	90.88	90.91	3.5	3.8	3.4	3.4
1990: I	6,152.6	6,144.6	6,172.8	3.9	5.0	92.01	92.17	92.00	92.04	4.9	5.4	5.0	5.1
II	6,171.6	6,127.5	6,188.0	1.2	–1.1	93.20	93.14	93.18	93.21	5.2	4.2	5.2	5.2
III	6,142.1	6,126.6	6,155.7	–1.9	–.1	94.19	94.32	94.14	94.17	4.3	5.2	4.2	4.2
IV	6,079.0	6,108.1	6,111.3	–4.0	–1.2	95.14	95.68	95.11	95.13	4.1	5.9	4.2	4.2
1991: I	6,047.5	6,065.4	6,074.3	–2.1	–2.8	96.26	96.42	96.27	96.29	4.8	3.1	5.0	4.9
II	6,074.7	6,095.9	6,086.4	1.8	2.0	97.02	96.95	97.00	97.01	3.2	2.2	3.1	3.1
III	6,090.1	6,085.4	6,099.2	1.0	–.7	97.70	97.58	97.70	97.71	2.8	2.6	2.9	2.9
IV	6,105.3	6,083.8	6,119.5	1.0	–.1	98.30	98.27	98.31	98.32	2.5	2.9	2.5	2.5
1992: I	6,175.7	6,175.8	6,192.0	4.7	6.2	99.14	99.04	99.13	99.13	3.4	3.2	3.4	3.4
II	6,214.2	6,203.8	6,225.2	2.5	1.8	99.81	99.76	99.79	99.79	2.8	2.9	2.7	2.7
III	6,260.7	6,249.5	6,270.3	3.0	3.0	100.17	100.28	100.17	100.17	1.4	2.1	1.5	1.5
IV	6,327.1	6,320.7	6,334.6	4.3	4.6	100.88	100.92	100.88	100.88	2.8	2.6	2.9	2.9
1993: I	6,327.9	6,297.3	6,351.3	.1	–1.5	101.85	101.71	101.84	101.84	3.9	3.2	3.9	3.8
II	6,359.9	6,344.9	6,375.9	2.0	3.1	102.38	102.28	102.35	102.34	2.1	2.3	2.0	2.0
III	6,393.5	6,379.3	6,415.3	2.1	2.2	102.83	102.64	102.83	102.83	1.8	1.4	1.9	1.9
IV	6,476.9	6,453.8	6,489.7	5.3	4.8	103.52	103.28	103.51	103.50	2.7	2.5	2.7	2.6
1994: I	6,524.5	6,473.0	6,540.5	3.0	1.2	104.16	103.80	104.13	104.14	2.5	2.0	2.4	2.5
II	6,600.3	6,526.7	6,609.3	4.7	3.4	104.74	104.46	104.71	104.71	2.2	2.6	2.2	2.2
III	6,629.5	6,580.4	6,635.6	1.8	3.3	105.39	105.24	105.39	105.38	2.5	3.0	2.6	2.6
IV	6,688.6	6,624.8	6,691.2	3.6	2.7	106.07	105.88	106.09	106.06	2.6	2.5	2.7	2.6
1995: I	6,703.7	6,654.3	6,711.3	.9	1.8	106.93	106.66	106.94	106.91	3.3	3.0	3.3	3.2
II	6,708.8	6,685.3	6,721.0	.3	1.9	107.49	107.33	107.46	107.43	2.1	2.5	2.0	2.0
III	6,759.2	6,739.3	6,758.3	3.0	3.3	108.03	107.79	108.02	107.99	2.0	1.7	2.1	2.1
IV	6,796.5	6,771.9	6,804.2	2.2	2.0	108.60	108.29	108.61	108.59	2.1	1.9	2.2	2.2
1996: I	6,826.4	6,815.0	6,834.7	1.8	2.6	109.35	109.01	109.39	109.37	2.8	2.7	2.9	2.9
II	6,926.0	6,902.3	6,930.1	6.0	5.2	109.86	109.50	109.84	109.82	1.9	1.8	1.7	1.6
III	6,943.8	6,905.0	6,940.2	1.0	.2	110.59	110.15	110.54	110.50	2.7	2.4	2.6	2.5
IV	7,017.4	6,981.7	7,023.1	4.3	4.5	111.10	110.79	111.05	111.01	1.9	2.4	1.9	1.8
1997: I	7,101.6	7,034.1	7,091.8	4.9	3.0	111.78	111.32	111.71	111.67	2.4	1.9	2.4	2.4
II	7,159.6	7,077.7	7,144.4	3.3	2.5	112.27	111.55	112.22	112.17	1.8	.8	1.8	1.8
III	7,221.8	7,164.0	.....	3.5	5.0	112.66	111.89	112.60	.....	1.4	1.2	1.4	.....

Table C.2.—Real Gross Domestic Product

[Average annual percent change, based on chained (1992) dollar estimates]

Terminal year	Initial year																									
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
1996	2.8	2.8	2.6	2.5	2.7	2.8	2.7	2.6	2.4	2.4	2.6	2.6	2.9	2.9	2.5	2.4	2.4	2.3	2.1	1.9	2.0	2.6	2.6	2.7	2.4	2.8
1995	2.8	2.8	2.6	2.5	2.7	2.8	2.7	2.6	2.4	2.4	2.6	2.6	2.9	2.9	2.5	2.4	2.3	2.2	2.0	1.8	1.9	2.6	2.6	2.7	2.0	
1994	2.8	2.8	2.7	2.5	2.7	2.9	2.7	2.6	2.4	2.4	2.6	2.6	3.0	2.9	2.5	2.4	2.4	2.3	2.0	1.7	1.9	2.8	2.9	3.5		
1993	2.8	2.8	2.6	2.5	2.6	2.8	2.7	2.5	2.4	2.3	2.5	2.6	3.0	2.9	2.4	2.3	2.2	2.1	1.7	1.3	1.4	2.5	2.3			
1992	2.8	2.8	2.6	2.5	2.7	2.8	2.7	2.6	2.4	2.3	2.6	2.6	3.1	3.0	2.5	2.3	2.2	2.0	1.6	1.0	.9	2.7				
1991	2.8	2.8	2.6	2.5	2.7	2.9	2.7	2.5	2.3	2.3	2.5	2.6	3.1	3.0	2.4	2.2	2.1	1.9	1.2	.1	–.9					
1990	3.0	3.0	2.8	2.7	2.9	3.1	3.0	2.8	2.6	2.6	2.9	3.0	3.6	3.6	3.0	2.9	2.8	2.8	2.3	1.2						
1989	3.1	3.1	2.9	2.8	3.0	3.3	3.1	3.0	2.7	2.7	3.1	3.2	4.0	4.0	3.4	3.3	3.4	3.6	3.4							
1988	3.1	3.1	2.9	2.7	3.0	3.2	3.1	2.9	2.7	2.7	3.0	3.1	4.1	4.1	3.4	3.3	3.4	3.8								
1987	3.0	3.0	2.9	2.7	2.9	3.2	3.0	2.8	2.6	2.5	2.9	3.0	4.1	4.1	3.2	3.0	2.9									
1986	3.0	3.0	2.9	2.6	2.9	3.2	3.0	2.8	2.5	2.5	2.9	3.1	4.4	4.5	3.3	3.1										
1985	3.0	3.0	2.8	2.6	2.9	3.2	3.0	2.8	2.4	2.4	2.9	3.0	4.8	5.3	3.6											
1984	3.0	3.0	2.8	2.5	2.8	3.2	2.9	2.7	2.2	2.1	2.7	2.9	5.5	7.0												
1983	2.7	2.6	2.4	2.1	2.4	2.7	2.3	2.0	1.3	.9	1.3	.9	4.0													
1982	2.6	2.5	2.2	1.9	2.2	2.5	2.1	1.6	.6	–.1	.1	–2.1														
1981	3.0	3.0	2.7	2.4	2.8	3.3	2.9	2.5	1.6	1.0	2.3															
1980	3.1	3.1	2.8	2.4	2.9	3.6	3.1	2.6	1.2	–.3																
1979	3.5	3.5	3.2	2.8	3.5	4.6	4.3	4.1	2.8																	
1978	3.6	3.6	3.3	2.8	3.7	5.1	5.0	5.4																		
1977	3.3	3.3	2.9	2.2	3.2	5.0	4.7																			
1976	3.1	3.1	2.5	1.4	2.4	5.4																				
1975	2.7	2.5	1.5	–.5	–.4																					
1974	3.4	3.5	2.5	–.6																						
1973	4.8	5.6	5.8																							
1972	4.4	5.5																								
1971	3.3																									

Table C.3.—Chain-Type Price Index for Gross Domestic Product

[Average annual percent change]

Terminal year	Initial year																									
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
1996	5.1	5.1	5.1	5.1	4.9	4.7	4.6	4.5	4.4	4.1	3.8	3.5	3.3	3.2	3.2	3.1	3.2	3.2	3.1	3.0	2.8	2.5	2.5	2.4	2.4	2.3
1995	5.2	5.2	5.2	5.2	5.0	4.8	4.8	4.7	4.5	4.3	3.9	3.6	3.4	3.3	3.2	3.2	3.3	3.3	3.3	3.1	2.9	2.6	2.5	2.5	2.5	
1994	5.3	5.3	5.3	5.3	5.2	4.9	4.9	4.8	4.6	4.4	4.0	3.6	3.4	3.3	3.3	3.3	3.4	3.4	3.4	3.2	2.9	2.6	2.5	2.4		
1993	5.4	5.4	5.5	5.5	5.3	5.1	5.0	4.9	4.8	4.5	4.2	3.7	3.5	3.4	3.4	3.4	3.5	3.6	3.6	3.4	3.1	2.7	2.6			
1992	5.5	5.6	5.6	5.6	5.5	5.2	5.2	5.1	4.9	4.7	4.3	3.8	3.6	3.5	3.5	3.5	3.7	3.8	3.8	3.7	3.3	2.8				
1991	5.7	5.7	5.8	5.8	5.6	5.4	5.3	5.3	5.1	4.8	4.4	4.0	3.7	3.6	3.6	3.6	3.8	4.0	4.2	4.1	3.9					
1990	5.8	5.8	5.9	5.9	5.7	5.5	5.4	5.4	5.2	4.9	4.5	4.0	3.7	3.6	3.6	3.6	3.8	4.1	4.3	4.4						
1989	5.8	5.9	6.0	6.0	5.8	5.6	5.5	5.5	5.3	5.0	4.5	3.9	3.6	3.5	3.4	3.4	3.6	3.9	4.2							
1988	5.9	6.0	6.1	6.1	5.9	5.7	5.6	5.6	5.4	5.1	4.5	3.9	3.5	3.3	3.2	3.1	3.4	3.7								
1987	6.1	6.1	6.3	6.3	6.1	5.8	5.8	5.8	5.6	5.2	4.7	3.9	3.4	3.2	3.0	2.8	3.1									
1986	6.3	6.3	6.5	6.6	6.4	6.1	6.1	6.1	5.9	5.5	4.9	4.1	3.5	3.3	3.0	2.6										
1985	6.5	6.6	6.8	6.9	6.7	6.4	6.5	6.5	6.4	6.0	5.4	4.4	3.8	3.6	3.4											
1984	6.7	6.9	7.1	7.2	7.0	6.8	6.9	7.0	6.9	6.6	5.9	4.8	4.0	3.8												
1983	7.0	7.1	7.4	7.6	7.4	7.2	7.3	7.5	7.5	7.3	6.6	5.3	4.3													
1982	7.2	7.4	7.7	7.9	7.8	7.6	7.9	8.2	8.4	8.3	7.8	6.3														
1981	7.3	7.5	7.9	8.1	8.0	7.8	8.2	8.6	9.1	9.3	9.4															
1980	7.1	7.3	7.7	8.0	7.8	7.5	7.9	8.4	8.9	9.3																
1979	6.8	7.0	7.4	7.7	7.5	7.0	7.4	7.9	8.5																	
1978	6.6	6.8	7.3	7.6	7.2	6.5	6.9	7.3																		
1977	6.5	6.7	7.3	7.7	7.2	6.1	6.5																			
1976	6.5	6.8	7.5	8.1	7.6	5.8																				
1975	6.7	7.0	8.0	9.2	9.4																					
1974	6.0	6.3	7.3	8.9																						
1973	5.0	4.9	5.6																							
1972	4.7	4.2																								
1971	5.2																									

Table C.4.—Real Gross Domestic Purchases

[Average annual percent change, based on chained (1992) dollar estimates]

Terminal year	Initial year																									
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
1996	2.7	2.7	2.6	2.5	2.7	2.9	2.7	2.6	2.4	2.4	2.7	2.7	3.1	2.9	2.4	2.3	2.2	2.1	2.0	2.0	2.1	2.9	2.9	2.9	2.4	2.9
1995	2.7	2.7	2.6	2.5	2.7	2.9	2.7	2.5	2.4	2.4	2.7	2.7	3.1	2.9	2.4	2.2	2.1	2.0	1.9	1.8	2.0	2.9	2.9	2.9	1.9	
1994	2.8	2.7	2.6	2.5	2.7	2.9	2.7	2.6	2.4	2.4	2.8	2.8	3.2	3.0	2.4	2.3	2.1	2.1	1.9	1.8	2.0	3.2	3.4	3.9		
1993	2.7	2.7	2.6	2.4	2.7	2.9	2.7	2.5	2.3	2.3	2.7	2.7	3.1	2.9	2.3	2.1	1.9	1.8	1.5	1.2	1.4	2.9	2.9			
1992	2.7	2.7	2.5	2.4	2.6	2.9	2.7	2.5	2.3	2.3	2.7	2.7	3.1	2.9	2.2	1.9	1.7	1.5	1.2	.7	.6	2.8				
1991	2.7	2.7	2.5	2.4	2.6	2.9	2.6	2.5	2.2	2.2	2.6	2.7	3.1	2.9	2.1	1.8	1.5	1.2	.6	–.4	–1.6					
1990	2.9	2.9	2.7	2.6	2.9	3.2	3.0	2.8	2.6	2.6	3.1	3.1	3.7	3.5	2.7	2.5	2.3	2.1	1.8	.8						
1989	3.0	3.0	2.9	2.7	3.0	3.4	3.1	2.9	2.7	2.8	3.3	3.4	4.2	4.0	3.1	2.9	2.8	2.8	2.7							
1988	3.1	3.0	2.9	2.7	3.1	3.4	3.2	3.0	2.7	2.8	3.4	3.5	4.4	4.2	3.2	3.0	2.8	2.9								
1987	3.1	3.0	2.9	2.7	3.1	3.4	3.2	3.0	2.7	2.8	3.5	3.6	4.7	4.6	3.3	3.0	2.7									
1986	3.1	3.1	2.9	2.7	3.1	3.5	3.2	3.0	2.7	2.8	3.6	3.8	5.2	5.2	3.6	3.3										
1985	3.1	3.0	2.8	2.7	3.1	3.5	3.2	2.9	2.6	2.7	3.7	4.0	5.9	6.2	3.9											
1984	3.0	3.0	2.8	2.6	3.0	3.5	3.1	2.8	2.4	2.5	3.6	4.0	6.9	8.5												
1983	2.6	2.5	2.3	2.0	2.4	2.9	2.4	1.9	1.2	1.0	2.0	1.8	5.3													
1982	2.4	2.3	2.0	1.6	2.0	2.5	1.9	1.2	.2	–.4	.4	–1.6														
1981	2.8	2.7	2.4	2.1	2.6	3.2	2.6	1.9	.9	.2	2.4															
1980	2.8	2.7	2.3	2.0	2.6	3.4	2.7	1.8	.1	–2.0																
1979	3.3	3.3	3.0	2.7	3.5	4.8	4.3	3.7	2.2																	
1978	3.5	3.5	3.1	2.8	3.9	5.7	5.3	5.3																		
1977	3.2	3.2	2.7	2.2	3.4	5.9	5.4																			
1976	2.9	2.7	2.0	1.1	2.5	6.4																				
1975	2.2	1.8	.6	–1.4	–1.3																					
1974	3.1	2.9	1.6	–1.5																						
1973	4.7	5.2	4.8																							
1972	4.6	5.7																								
1971	3.6																									

NOTE.—In these triangles, the growth rate from one year to any other year can be found at the intersection of the column for the earlier year and the row for the later year; thus, growth rates from one year to the next are shown on the main diagonal. For example, from 1985 to 1995, real gross domestic product grew at an average annual rate of 2.4 percent; from 1984 to 1985, it grew 3.6 percent.

Table C.5.—Chain-Type Price Index for Gross Domestic Purchases

[Average annual percent change]

Terminal year	Initial year																									
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
1996	5.2	5.1	5.2	5.1	4.9	4.7	4.7	4.5	4.4	4.1	3.7	3.4	3.2	3.2	3.1	3.1	3.2	3.1	3.1	2.9	2.7	2.5	2.4	2.3	2.4	2.2
1995	5.3	5.3	5.3	5.3	5.1	4.8	4.8	4.7	4.5	4.3	3.8	3.5	3.3	3.2	3.2	3.2	3.3	3.3	3.2	3.1	2.8	2.5	2.4	2.4	2.5	
1994	5.4	5.4	5.4	5.4	5.2	5.0	4.9	4.8	4.7	4.4	3.9	3.5	3.3	3.3	3.3	3.3	3.4	3.4	3.3	3.2	2.8	2.5	2.4	2.3		
1993	5.5	5.5	5.6	5.6	5.3	5.1	5.1	5.0	4.8	4.5	4.1	3.6	3.4	3.4	3.4	3.4	3.5	3.6	3.5	3.4	3.0	2.6	2.5			
1992	5.7	5.7	5.7	5.7	5.5	5.3	5.2	5.1	5.0	4.7	4.2	3.7	3.5	3.5	3.5	3.5	3.7	3.8	3.8	3.7	3.2	2.8				
1991	5.8	5.8	5.9	5.9	5.7	5.4	5.4	5.3	5.2	4.8	4.3	3.8	3.6	3.6	3.6	3.7	3.9	4.0	4.1	4.1	3.7					
1990	5.9	5.9	6.0	6.0	5.8	5.6	5.5	5.4	5.3	4.9	4.4	3.9	3.6	3.6	3.6	3.7	3.9	4.1	4.4	4.5						
1989	6.0	6.0	6.1	6.1	5.9	5.6	5.6	5.5	5.3	5.0	4.4	3.8	3.5	3.4	3.4	3.5	3.7	3.9	4.2							
1988	6.1	6.1	6.2	6.3	6.0	5.7	5.7	5.6	5.5	5.1	4.4	3.7	3.4	3.3	3.2	3.2	3.5	3.6								
1987	6.2	6.3	6.4	6.5	6.2	5.9	5.9	5.8	5.7	5.2	4.5	3.7	3.3	3.2	3.1	3.0	3.4									
1986	6.4	6.5	6.6	6.7	6.4	6.1	6.2	6.1	5.9	5.5	4.7	3.8	3.3	3.1	2.9	2.6										
1985	6.7	6.8	6.9	7.0	6.8	6.5	6.6	6.5	6.4	6.0	5.1	4.1	3.5	3.4	3.2											
1984	6.9	7.0	7.3	7.4	7.1	6.9	7.0	7.0	7.0	6.6	5.6	4.4	3.7	3.5												
1983	7.2	7.3	7.6	7.8	7.5	7.3	7.5	7.6	7.7	7.3	6.3	4.8	3.8													
1982	7.5	7.7	8.0	8.2	8.0	7.8	8.1	8.4	8.7	8.6	7.5	5.9														
1981	7.6	7.9	8.2	8.5	8.3	8.1	8.6	9.0	9.6	9.9	9.2															
1980	7.5	7.7	8.1	8.4	8.2	7.9	8.5	9.0	9.8	10.7																
1979	7.1	7.3	7.8	8.1	7.7	7.3	7.7	8.2	9.0																	
1978	6.9	7.1	7.6	7.9	7.3	6.7	7.1	7.4																		
1977	6.8	7.1	7.6	8.0	7.3	6.3	6.9																			
1976	6.8	7.1	7.8	8.4	7.5	5.8																				
1975	7.0	7.4	8.4	9.7	9.3																					
1974	6.4	6.8	8.0	10.2																						
1973	5.2	5.2	5.9																							
1972	4.9	4.5																								
1971	5.3																									

Table C.6.—Real Final Sales of Domestic Product

[Average annual percent change, based on chained (1992) dollar estimates]

Terminal year	Initial year																									
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
1996	2.8	2.8	2.6	2.5	2.7	2.7	2.7	2.6	2.4	2.4	2.5	2.6	2.9	2.8	2.6	2.4	2.3	2.3	2.1	1.9	2.0	2.6	2.6	2.7	2.6	2.8
1995	2.8	2.8	2.6	2.5	2.7	2.7	2.7	2.6	2.4	2.4	2.5	2.6	2.9	2.8	2.6	2.4	2.3	2.2	2.0	1.8	1.8	2.5	2.5	2.7	2.5	
1994	2.8	2.8	2.6	2.5	2.7	2.8	2.7	2.6	2.4	2.4	2.5	2.6	2.9	2.8	2.6	2.4	2.3	2.2	1.9	1.7	1.7	2.5	2.5	2.9		
1993	2.8	2.8	2.6	2.5	2.7	2.8	2.7	2.6	2.4	2.3	2.5	2.6	2.9	2.8	2.6	2.3	2.2	2.1	1.7	1.4	1.3	2.3	2.1			
1992	2.8	2.8	2.7	2.5	2.7	2.8	2.7	2.6	2.4	2.3	2.5	2.6	3.0	2.9	2.6	2.4	2.2	2.1	1.6	1.1	.9	2.5				
1991	2.8	2.8	2.7	2.5	2.7	2.8	2.7	2.6	2.4	2.3	2.5	2.6	3.0	2.9	2.7	2.3	2.1	2.0	1.3	.4	–.7					
1990	3.0	3.0	2.9	2.7	2.9	3.0	3.0	2.9	2.7	2.6	2.8	3.0	3.5	3.5	3.2	3.0	2.8	2.9	2.3	1.6						
1989	3.1	3.1	2.9	2.8	3.0	3.1	3.1	3.0	2.8	2.7	2.9	3.2	3.8	3.8	3.6	3.3	3.2	3.5	3.0							
1988	3.1	3.1	2.9	2.8	3.0	3.2	3.1	3.0	2.7	2.7	2.9	3.2	3.9	4.0	3.7	3.4	3.4	4.1								
1987	3.0	3.0	2.9	2.7	2.9	3.1	3.0	2.9	2.6	2.5	2.8	3.1	3.9	3.9	3.6	3.1	2.6									
1986	3.0	3.0	2.9	2.7	2.9	3.1	3.0	2.9	2.6	2.5	2.8	3.2	4.2	4.4	4.1	3.5										
1985	3.0	3.0	2.8	2.6	2.9	3.1	3.0	2.8	2.5	2.3	2.7	3.1	4.4	4.8	4.6											
1984	2.9	2.9	2.7	2.4	2.7	2.9	2.8	2.6	2.1	1.9	2.2	2.6	4.3	5.0												
1983	2.7	2.7	2.5	2.2	2.5	2.7	2.5	2.2	1.5	1.1	1.3	1.4	3.7													
1982	2.6	2.6	2.3	2.0	2.3	2.5	2.3	1.9	1.0	.3	.1	–.9														
1981	3.0	3.0	2.7	2.4	2.8	3.1	2.9	2.6	1.7	.8	1.1															
1980	3.1	3.2	2.9	2.6	3.1	3.5	3.4	3.1	2.0	.6																
1979	3.4	3.5	3.2	2.9	3.6	4.3	4.3	4.3	3.4																	
1978	3.4	3.5	3.2	2.8	3.6	4.6	4.8	5.3																		
1977	3.2	3.3	2.8	2.2	3.1	4.2	4.4																			
1976	3.0	3.0	2.4	1.5	2.4	4.0																				
1975	2.8	2.8	1.9	.3	.9																					
1974	3.3	3.4	2.5	–.3																						
1973	4.5	5.3	5.3																							
1972	4.1	5.4																								
1971	2.7																									

Table C.7.—Real Disposable Personal Income

[Average annual percent change, based on chained (1992) dollar estimates]

Terminal year	Initial year																									
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
1996	2.8	2.8	2.7	2.5	2.7	2.7	2.6	2.6	2.5	2.4	2.6	2.6	2.7	2.7	2.3	2.3	2.2	2.2	2.0	2.0	2.0	2.4	2.3	2.6	2.8	2.3
1995	2.8	2.8	2.7	2.5	2.7	2.7	2.7	2.6	2.5	2.5	2.6	2.6	2.7	2.7	2.3	2.3	2.1	2.2	2.0	2.0	2.0	2.5	2.4	2.7	3.3	
1994	2.8	2.8	2.7	2.5	2.6	2.7	2.6	2.6	2.4	2.4	2.5	2.5	2.7	2.7	2.2	2.1	2.0	2.1	1.7	1.7	1.7	2.2	1.9	2.2		
1993	2.8	2.8	2.7	2.5	2.7	2.7	2.6	2.6	2.4	2.4	2.6	2.6	2.7	2.7	2.2	2.1	2.0	2.0	1.7	1.6	1.5	2.2	1.7			
1992	2.9	2.8	2.8	2.5	2.7	2.8	2.7	2.7	2.5	2.5	2.6	2.7	2.8	2.9	2.3	2.2	2.0	2.1	1.7	1.6	1.4	2.8				
1991	2.9	2.8	2.8	2.5	2.7	2.8	2.7	2.7	2.5	2.5	2.6	2.6	2.8	2.9	2.2	2.1	1.9	1.9	1.3	.9	0					
1990	3.0	3.0	2.9	2.7	2.9	3.0	2.9	2.9	2.7	2.7	2.9	2.9	3.2	3.3	2.6	2.5	2.3	2.6	1.9	1.8						
1989	3.1	3.1	3.0	2.7	3.0	3.0	3.0	3.0	2.8	2.8	3.0	3.1	3.4	3.5	2.8	2.7	2.5	2.9	2.0							
1988	3.2	3.1	3.0	2.8	3.0	3.1	3.1	3.0	2.8	2.8	3.1	3.2	3.6	3.8	3.0	2.9	2.8	3.9								
1987	3.1	3.1	3.0	2.7	3.0	3.1	3.0	3.0	2.7	2.7	3.0	3.1	3.6	3.8	2.6	2.4	1.6									
1986	3.2	3.2	3.1	2.8	3.1	3.2	3.1	3.1	2.8	2.9	3.2	3.4	4.1	4.5	3.1	3.2										
1985	3.2	3.2	3.1	2.7	3.0	3.2	3.1	3.1	2.8	2.8	3.2	3.5	4.4	5.1	3.0											
1984	3.2	3.2	3.1	2.7	3.1	3.2	3.1	3.1	2.8	2.8	3.3	3.6	5.0	7.3												
1983	2.9	2.8	2.7	2.3	2.6	2.7	2.5	2.4	1.9	1.6	2.0	1.8	2.8													
1982	2.9	2.8	2.7	2.2	2.6	2.7	2.5	2.3	1.6	1.3	1.6	.9														
1981	3.1	3.0	2.9	2.4	2.8	3.0	2.8	2.7	1.9	1.5	2.3															
1980	3.2	3.1	2.9	2.4	2.9	3.1	2.9	2.8	1.7	.6																
1979	3.5	3.4	3.3	2.7	3.4	3.8	3.7	3.9	2.7																	
1978	3.6	3.5	3.4	2.6	3.5	4.1	4.2	5.2																		
1977	3.4	3.3	3.0	2.0	3.0	3.6	3.2																			
1976	3.4	3.3	3.0	1.6	2.8	3.9																				
1975	3.3	3.1	2.6	.5	1.7																					
1974	3.7	3.6	3.1	–.7																						
1973	5.2	5.8	7.1																							
1972	4.3	4.6																								
1971	4.0																									

D. Domestic Perspectives

These tables present 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

	1995	1996	1996					1997								
			Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
	Consumer and producer prices, (seasonally adjusted) [1]															
Consumer price index for all urban consumers, 1982–84=100:																
All items	152.4	156.9	157.4	157.9	158.3	158.8	159.2	159.4	159.8	159.9	160.0	160.1	160.3	160.6	160.9	161.3
Less food and energy	161.2	165.6	166.2	166.7	167.0	167.4	167.7	167.9	168.3	168.7	169.2	169.5	169.7	170.0	170.1	170.4
Services	168.7	174.1	174.9	175.4	175.8	176.3	176.8	177.2	177.6	178.0	178.5	178.8	179.3	179.8	180.0	180.4
Producer price index, 1982=100:																
Finished goods	127.9	131.3	131.6	132.0	132.5	132.7	133.4	133.0	132.6	132.3	131.6	131.3	131.1	131.0	131.4	132.0
Less food and energy	140.0	142.0	142.2	142.4	142.3	142.3	142.5	142.5	142.4	142.6	142.5	142.2	142.3	142.1	142.2	142.8
Finished consumer goods	125.6	129.5	129.9	130.3	131.0	131.3	132.1	131.6	131.1	130.8	129.9	129.6	129.4	129.2	129.7	130.4
Capital equipment	136.7	138.3	138.5	138.7	138.5	138.5	138.5	138.6	138.5	138.5	138.4	138.1	138.1	138.0	138.0	138.4
Intermediate materials	124.9	125.7	125.7	126.2	126.0	125.8	126.4	126.6	126.4	125.9	125.5	125.3	125.3	125.1	125.2	125.6
Crude materials	102.7	113.5	115.8	112.8	112.0	115.0	122.1	126.7	116.2	107.3	107.9	110.2	106.8	106.7	107.4	108.0
	Money, interest rates, and stock prices															
Money stock (seasonally adjusted): [2]																
Percent change:																
M1	...	...	–0.82	–0.61	–1.19	–0.02	0.09	–0.13	0.09	–0.50	–0.94	–0.24	0.02	–0.11	0.67	–0.84
M2	...	...	.28	.26	.26	.49	.55	.40	.39	.40	.46	–.07	.34	.27	.89	.48
Ratio:																
Gross domestic product to M1	6.356	6.906	6.974	...	...	7.212	...	...	7.355	...	...	7.553	...	...	7.644	...
Personal income to M2	1.722	1.734	1.739	1.746	1.740	1.742	1.745	1.747	1.753	1.756	1.751	1.758	1.762	1.760	1.755	1.753
Interest rates (percent, not seasonally adjusted): [2]																
Federal funds rate	5.83	5.30	5.22	5.30	5.24	5.31	5.29	5.25	5.19	5.39	5.51	5.50	5.56	5.52	5.54	5.54
Discount rate on new 91-day Treasury bills	5.51	5.02	5.09	5.15	5.01	5.03	4.87	5.05	5.00	5.14	5.17	5.13	4.92	5.07	5.13	4.97
Yield on new high-grade corporate bonds	7.72	7.62	7.68	7.84	7.69	7.43	7.45	7.63	7.54	7.85	8.04	7.90	7.71	7.44	7.30	7.04
10-Year U.S. Treasury bonds	6.57	6.44	6.64	6.83	6.53	6.20	6.30	6.58	6.42	6.69	6.89	6.71	6.49	6.22	6.30	6.21
Yield on municipal bonds, 20-bond average	5.95	5.76	5.76	5.87	5.72	5.59	5.64	5.72	5.63	5.76	5.88	5.70	5.53	5.35	5.41	5.39
Mortgage commitment rate	7.95	7.80	8.00	8.23	7.92	7.62	7.60	7.82	7.65	7.90	8.14	7.94	7.69	7.50	7.48	7.43
Average prime rate charged by banks	8.83	8.27	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.30	8.50	8.50	8.50	8.50	8.50	8.50
Index of stock prices (not seasonally adjusted): [3]																
500 common stocks, 1941–43=10	541.64	670.83	662.68	674.88	701.46	735.67	743.25	766.22	798.39	792.16	763.93	833.09	876.29	925.29	927.74	937.02
	Labor markets (thousands, seasonally adjusted, unless otherwise noted) [1]															
Civilian labor force	132,304	133,943	133,898	134,291	134,636	134,831	135,022	135,848	135,634	136,319	136,098	136,173	136,200	136,290	136,480	136,467
Labor force participation rates (percent):																
Males 20 and over	76.7	76.8	76.8	76.7	76.8	76.9	76.8	77.1	76.9	77.1	77.1	76.9	77.0	77.0	77.0	76.8
Females 20 and over	59.4	59.9	59.9	60.0	60.1	60.2	60.3	60.4	60.2	60.6	60.4	60.5	60.5	60.4	60.6	60.6
16–19 years of age	53.5	52.3	50.7	52.2	52.4	52.0	52.3	51.9	52.8	52.9	52.1	52.2	51.0	51.4	50.5	50.7
Civilian employment	124,900	126,708	126,988	127,248	127,617	127,644	127,855	128,580	128,430	129,175	129,384	129,639	129,364	129,708	129,804	129,715
Ratio, civilian employment to working-age population (percent)	62.9	63.2	63.2	63.3	63.4	63.4	63.4	63.6	63.5	63.8	63.8	63.9	63.7	63.8	63.8	63.7
Persons engaged in nonagricultural activities	121,460	123,264	123,570	123,768	124,167	124,290	124,429	125,112	125,138	125,789	125,887	126,209	125,973	126,226	126,421	126,265
Employees on nonagricultural payrolls	117,191	119,523	119,983	120,019	120,248	120,450	120,659	120,909	121,162	121,344	121,671	121,834	122,056	122,440	122,480	122,695
Goods-producing industries	24,265	24,431	24,468	24,439	24,479	24,508	24,540	24,581	24,653	24,670	24,667	24,702	24,714	24,713	24,771	24,757
Services-producing industries	92,925	95,092	95,515	95,580	95,769	95,942	96,119	96,328	96,509	96,674	97,004	97,132	97,342	97,727	97,709	97,938
Average weekly hours, manufacturing (hours)	41.6	41.6	41.7	41.7	41.7	41.7	42.0	41.8	41.9	42.1	42.1	42.0	41.8	41.8	41.9	41.9
Average weekly overtime hours, manufacturing (hours)	4.4	4.5	4.5	4.5	4.5	4.6	4.7	4.7	4.7	4.9	4.9	4.8	4.6	4.7	4.7	4.7
Number of persons unemployed	7,404	7,236	6,910	7,043	7,019	7,187	7,167	7,268	7,205	7,144	6,714	6,534	6,836	6,583	6,677	6,752
Unemployment rates (percent):																
Total	5.6	5.4	5.2	5.2	5.2	5.3	5.3	5.4	5.3	5.2	4.9	4.8	5.0	4.8	4.9	4.9
15 weeks and over	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.6	1.5	1.6
Average duration of unemployment (weeks)	16.6	16.7	17.2	16.9	16.7	16.0	15.8	16.0	16.0	15.3	15.2	15.1	15.1	16.6	15.9	16.0
Nonfarm business sector, 1992=100:																
Output per hour of all persons	100.7	102.0	102.0	...	...	102.4	...	...	102.8	...	...	103.5	...	...	...	...
Unit labor costs	106.0	107.9	108.5	...	...	108.9	...	...	109.7	...	...	109.8	...	...	...	...
Hourly compensation	106.7	110.1	110.6	...	...	111.5	...	...	112.8	...	...	113.7	...	...	...	...

See footnotes at end of table.

Table D.1.—Domestic Perspectives—Continued

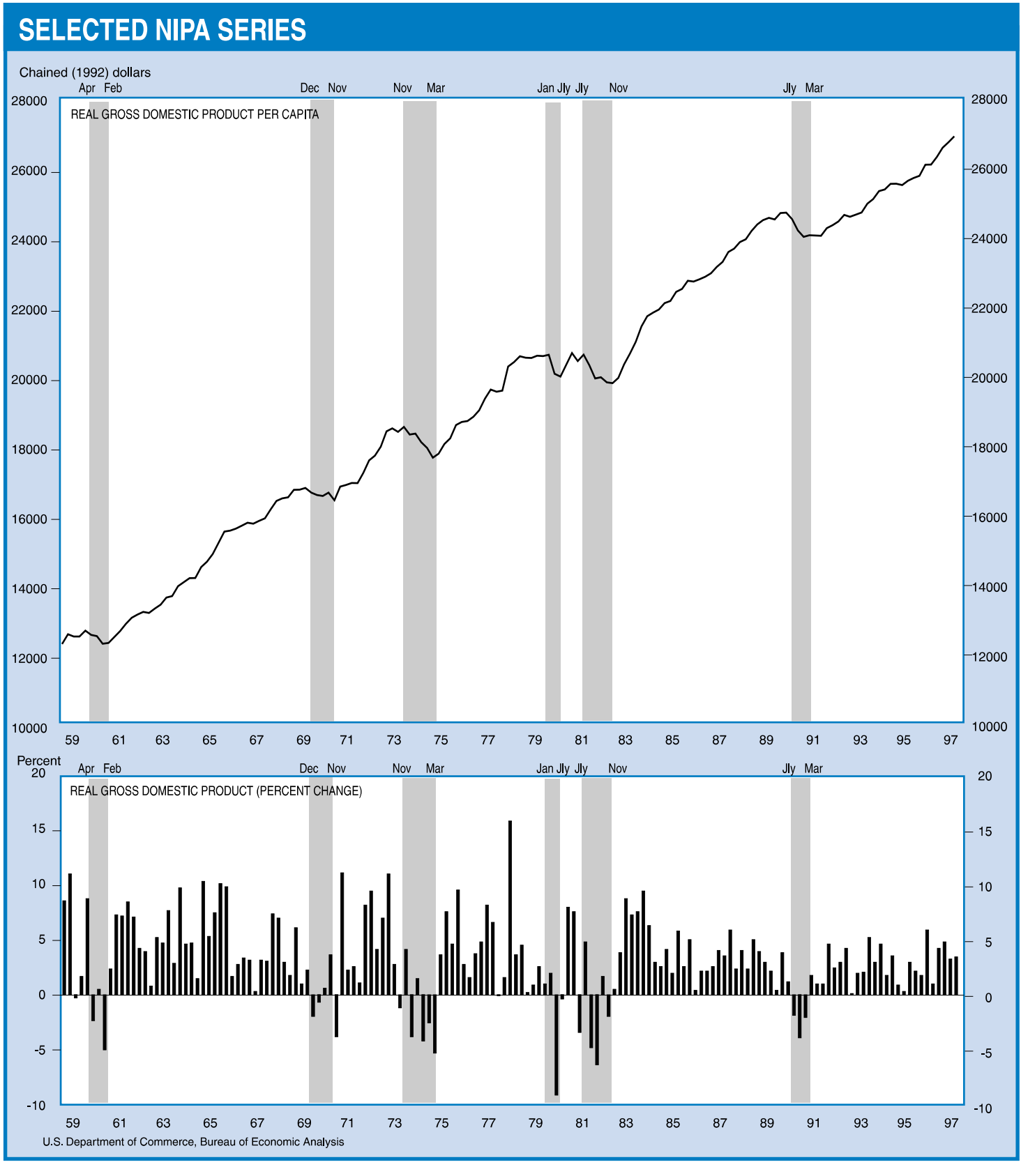
	1995	1996	1996					1997								
			Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
	Construction (seasonally adjusted at annual rates)[4]															
Total new private construction put in place (billions of dollars)	406.8	437.1	443.6	444.4	449.0	448.9	447.0	444.4	452.0	452.7	457.6	459.9	456.9	464.7	464.2	.....
Residential	230.7	247.2	249.2	249.0	247.9	248.3	247.9	246.7	251.4	254.0	259.9	259.7	257.3	259.4	260.0	.....
Nonresidential	135.0	149.4	152.6	153.5	159.3	159.9	157.4	161.0	163.7	160.5	156.5	160.0	159.2	165.3	163.9	.....
Housing starts (thousands of units):																
Total	1,354	1,477	1,515	1,470	1,407	1,486	1,353	1,375	1,554	1,479	1,483	1,402	1,503	1,465	1,390	1,500
1-unit structures	1,076	1,161	1,222	1,148	1,104	1,133	1,024	1,125	1,237	1,142	1,133	1,098	1,134	1,149	1,094	1,170
New 1-family houses sold (thousands of units)	667	757	814	768	706	788	794	822	826	825	765	764	815	818	800	.....
	Manufacturing and trade, inventories and sales (millions of dollars, seasonally adjusted)[4]															
Sales:																
Total manufacturing and trade	8,179,165	8,601,158	719,660	724,103	727,725	730,646	728,760	737,464	747,790	745,460	746,769	742,945	750,027	757,485	754,051	.....
Manufacturing	3,589,395	3,735,183	313,854	315,971	316,461	319,296	316,306	319,725	322,967	322,923	326,909	323,567	328,315	332,895	330,389	.....
Merchant wholesalers	2,265,732	2,420,679	202,719	203,419	204,987	205,561	205,560	207,506	211,801	210,195	209,926	210,008	210,772	211,041	208,774	.....
Retail trade	2,324,038	2,445,296	203,087	204,713	206,277	205,789	206,894	210,233	213,022	212,342	209,934	209,370	210,940	213,549	214,888	.....
Inventories:																
Total manufacturing and trade	985,905	1,004,425	998,876	1,000,431	1,004,990	1,004,540	1,004,425	1,007,618	1,011,899	1,013,376	1,017,150	1,019,025	1,026,255	1,027,787	1,030,321	
Manufacturing	429,089	434,434	431,647	432,674	434,038	435,200	434,434	435,743	437,873	438,560	441,508	443,460	444,823	446,602	448,542	.....
Merchant wholesalers	253,066	255,808	256,189	254,788	255,671	255,850	255,808	257,895	258,088	259,389	258,046	259,029	264,154	262,314	264,818	.....
Retail trade	303,750	314,183	311,040	312,969	315,281	313,490	314,183	313,980	315,938	315,427	317,596	316,536	317,278	318,871	316,961	.....
	Industrial production indexes and capacity utilization rates (seasonally adjusted)[2]															
Industrial production indexes, 1992=100:																
Total	112.1	115.2	115.8	116.0	116.2	117.2	117.7	117.8	118.4	118.8	119.3	119.5	119.9	120.9	121.5	122.4
By industry:																
Durable manufactures	119.7	125.7	127.5	127.2	127.1	128.4	128.8	129.5	130.8	131.7	132.3	132.7	134.1	135.5	137.5	138.0
Nondurable manufactures	106.2	106.3	106.2	106.9	107.4	107.9	108.8	108.5	108.6	108.7	108.7	108.7	108.4	109.2	109.0	109.6
By market category:																
Consumer goods	108.9	110.4	110.1	110.5	110.8	112.3	112.7	111.7	111.6	112.1	112.1	112.6	112.3	112.6	113.2	114.0
Capacity utilization rates (percent):																
Total industry	83.8	83.1	83.2	83.1	83.0	83.4	83.5	83.3	83.5	83.6	83.6	83.5	83.5	83.9	84.1	84.4
Manufacturing	83.1	82.1	82.3	82.1	82.0	82.4	82.5	82.4	82.6	82.7	82.6	82.4	82.5	82.9	83.3	83.4
	Credit market borrowing (billions of dollars, seasonally adjusted at annual rates)[2]															
All sectors, by instrument:																
Total	1,218.3	1,316.0	1,219.6	.....	.....	1,358.4	.....	.....	995.3	.....	.....	1,224.7	.....	.....	.....	.....
Open market paper	74.3	102.6	107.7	.....	.....	142.1	.....	.....	199.4	.....	.....	109.4	.....	.....	.....	.....
U.S. government securities	348.5	376.5	386.1	.....	.....	379.7	.....	.....	186.9	.....	.....	189.1	.....	.....	.....	.....
Municipal securities	–48.2	1.3	–65.2	.....	.....	44.2	.....	.....	23.2	.....	.....	76.5	.....	.....	.....	.....
Corporate and foreign bonds	311.8	273.0	204.2	.....	.....	326.2	.....	.....	84.3	.....	.....	289.7	.....	.....	.....	.....
Bank loans, n.e.c.	113.0	95.7	139.5	.....	.....	64.5	.....	.....	148.3	.....	.....	146.6	.....	.....	.....	.....
Other loans and advances	49.3	50.0	82.9	.....	.....	13.2	.....	.....	–14.2	.....	.....	59.8	.....	.....	.....	.....
Mortgages	229.0	330.6	274.5	.....	.....	346.0	.....	.....	281.4	.....	.....	301.2	.....	.....	.....	.....
Consumer credit	140.5	86.3	89.9	.....	.....	42.6	.....	.....	85.9	.....	.....	52.4	.....	.....	.....	.....

Sources:
1. Bureau of Labor Statistics.
2. Federal Reserve Board.
3. Standard and Poor's, Inc.
4. Bureau of the Census.

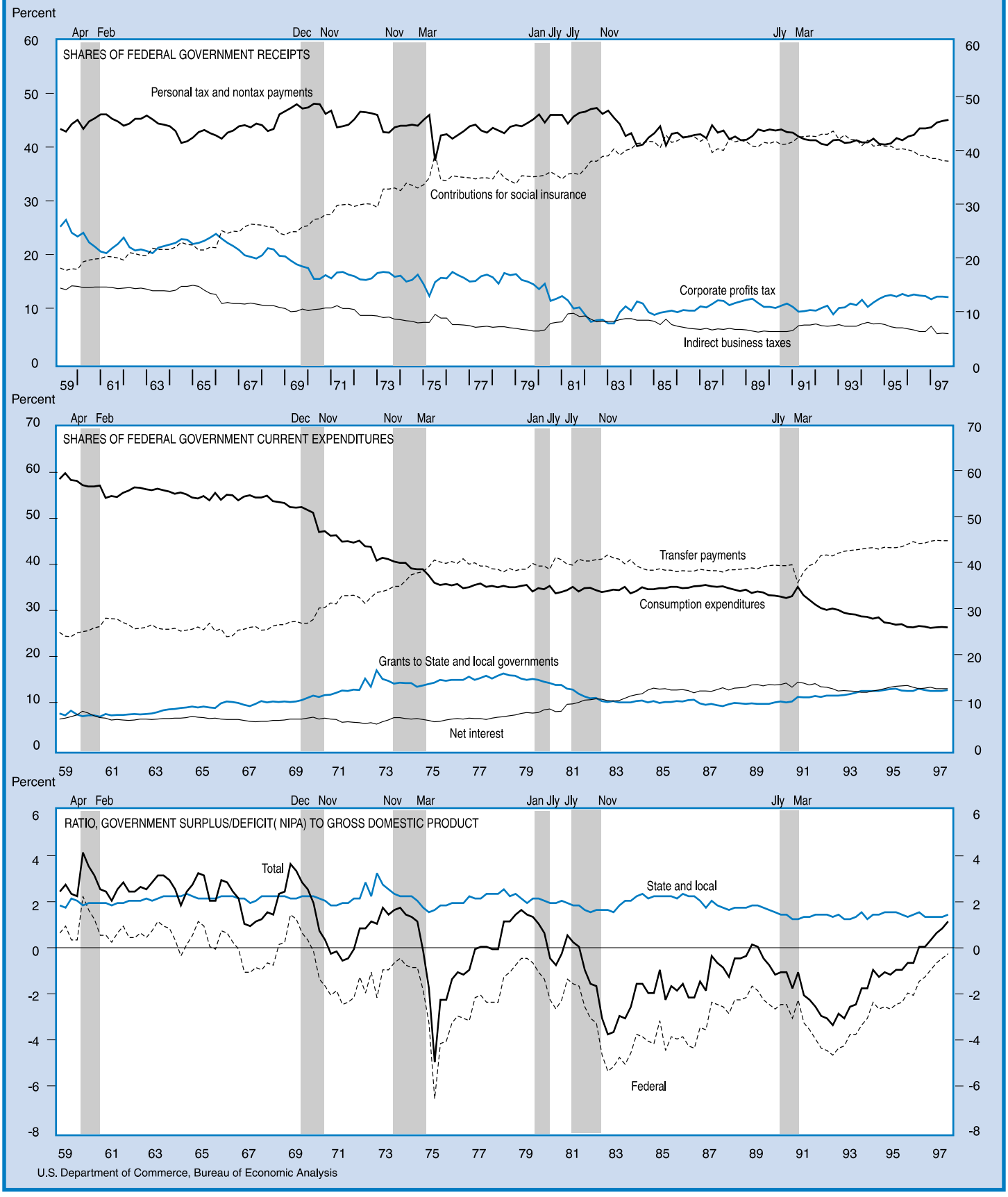
n.e.c. Not elsewhere classified.

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



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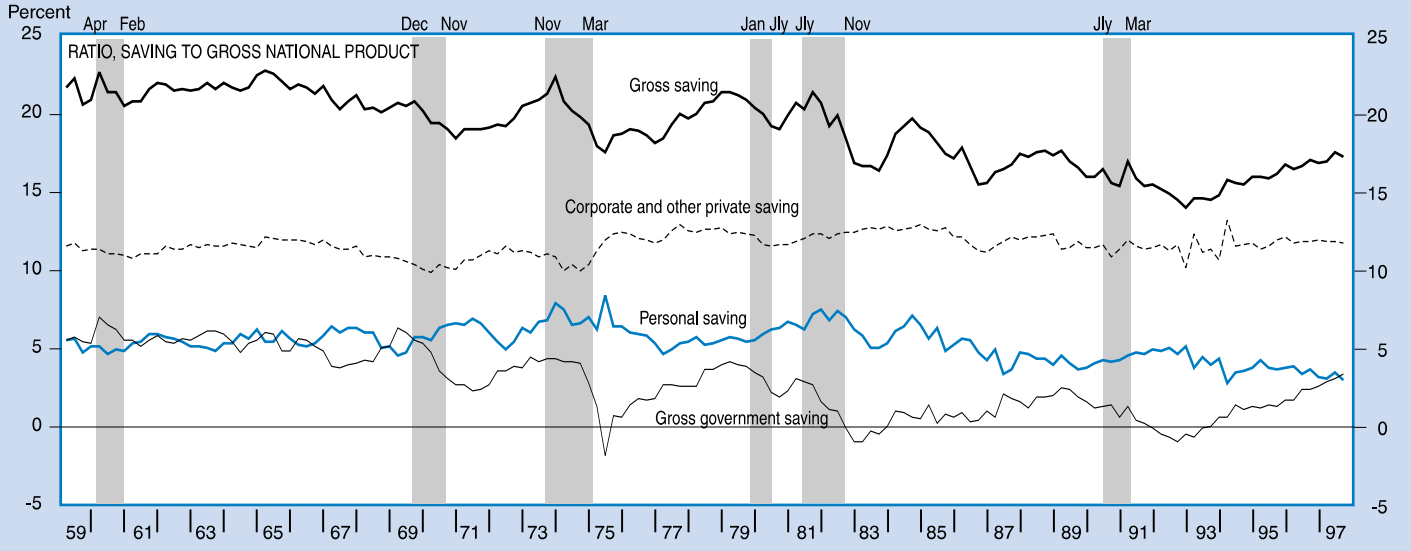
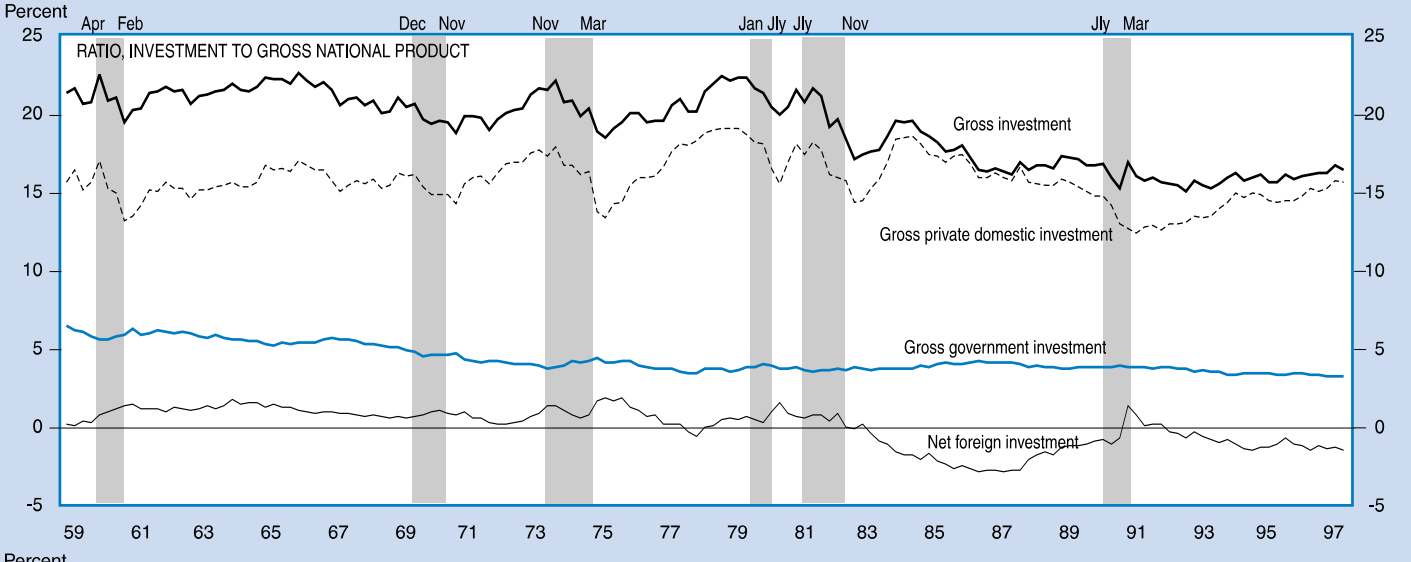
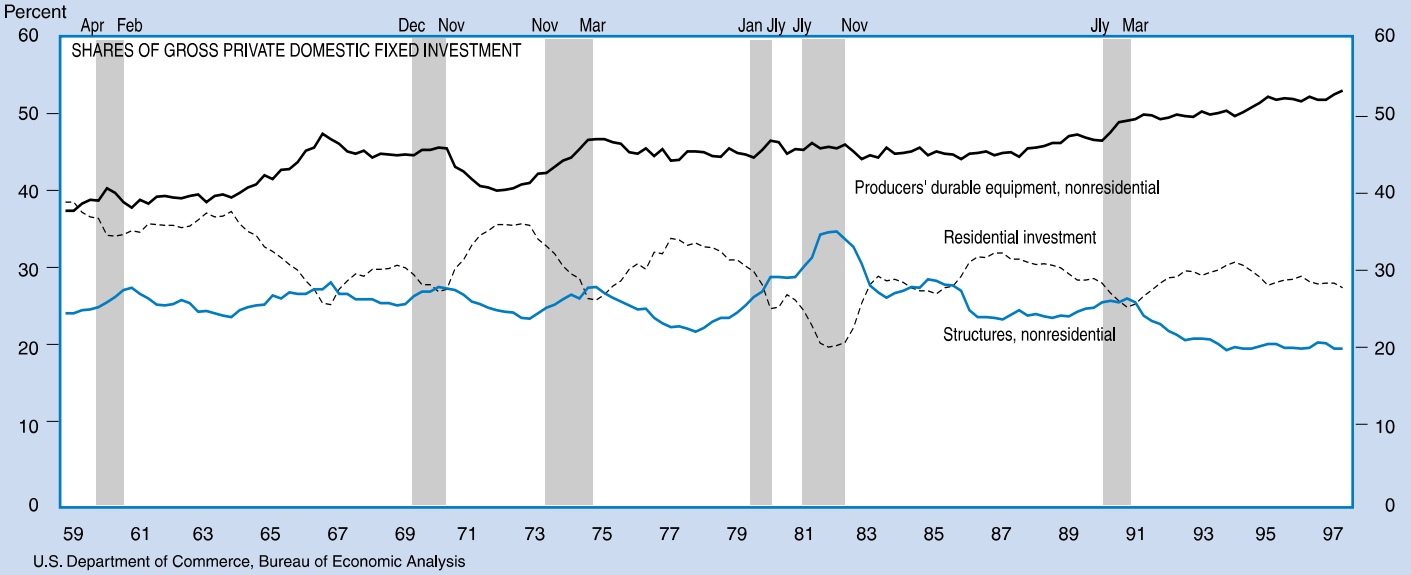


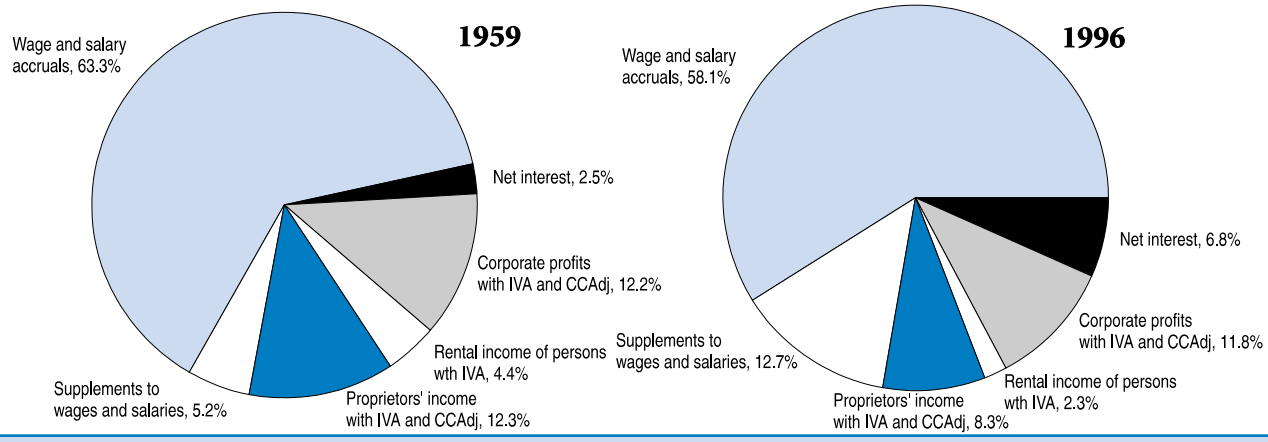




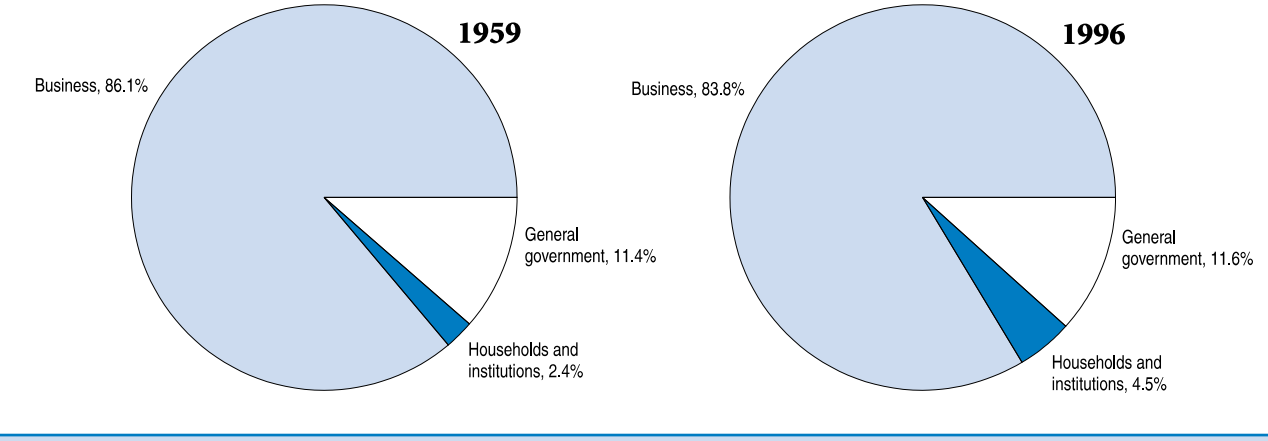
U.S. Department of Commerce, Bureau of Economic Analysis

SELECTED NIPA SERIES

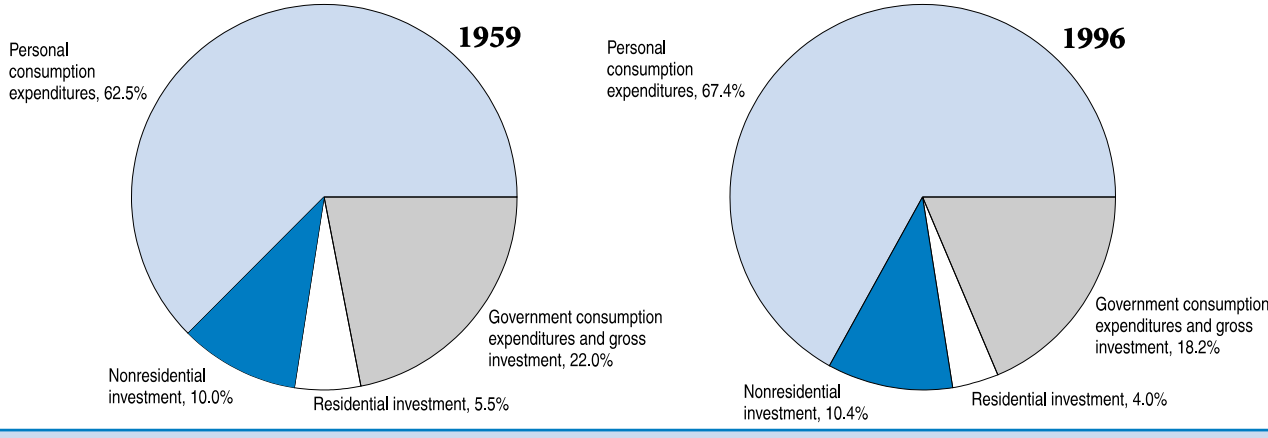
SHARES OF NATIONAL INCOME



SHARES OF GROSS DOMESTIC PRODUCT BY SECTOR



SHARES OF GROSS DOMESTIC PURCHASES



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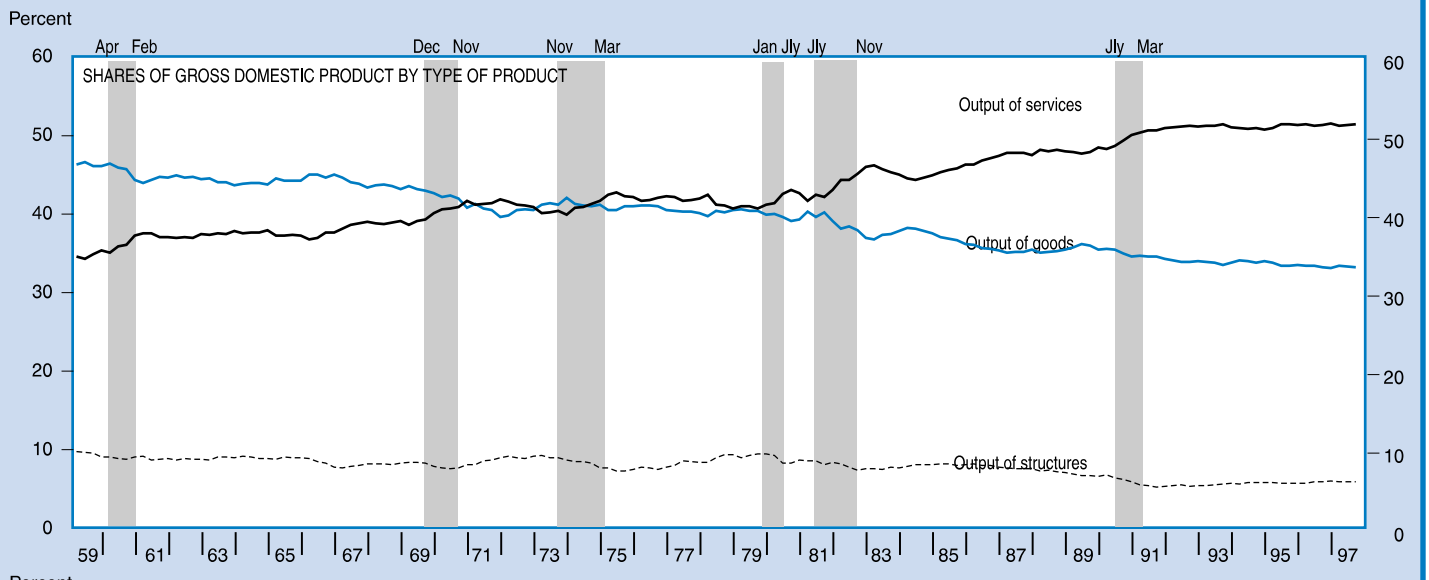

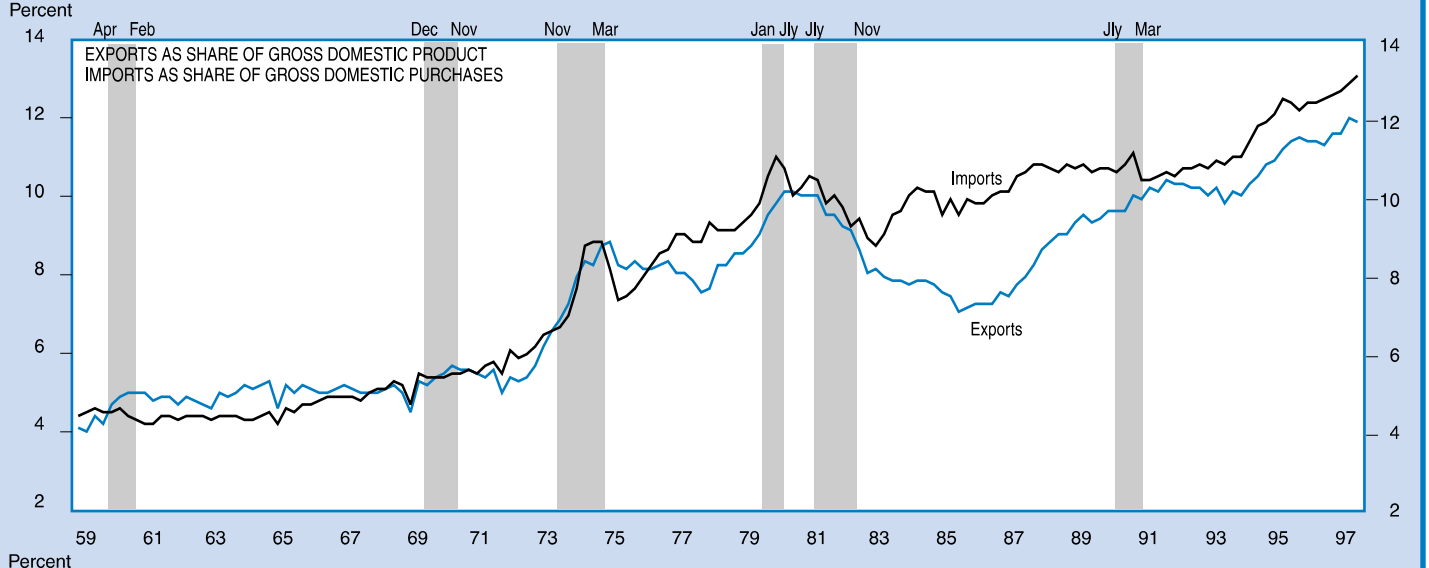

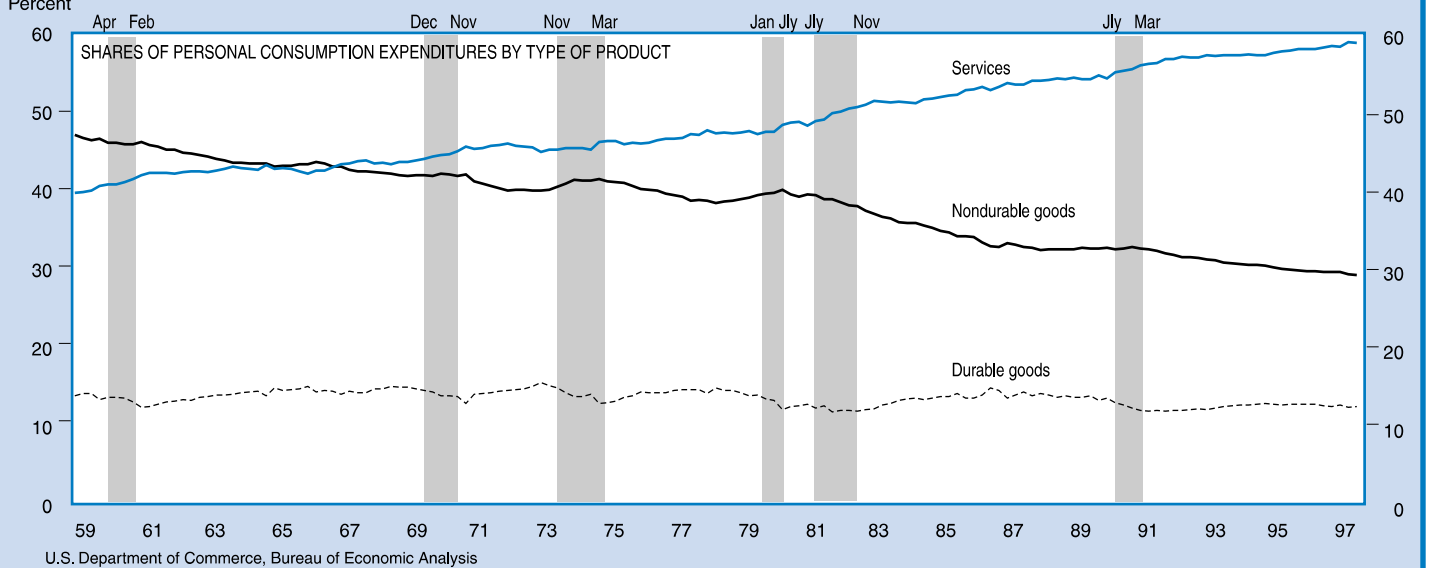

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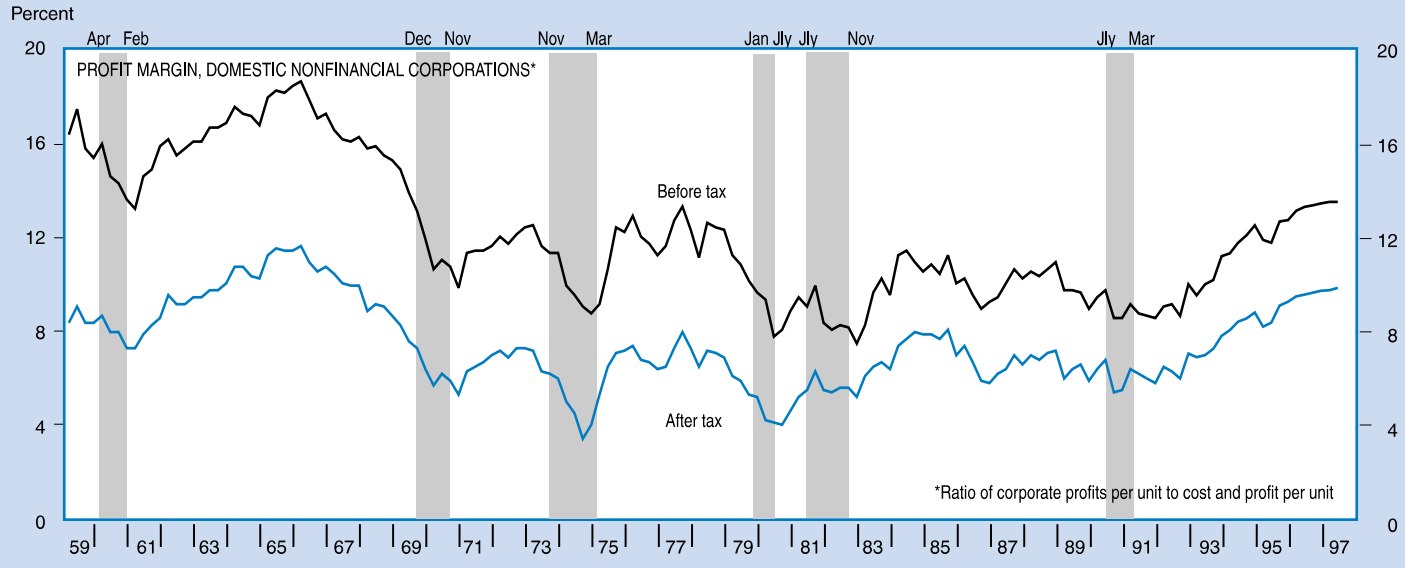
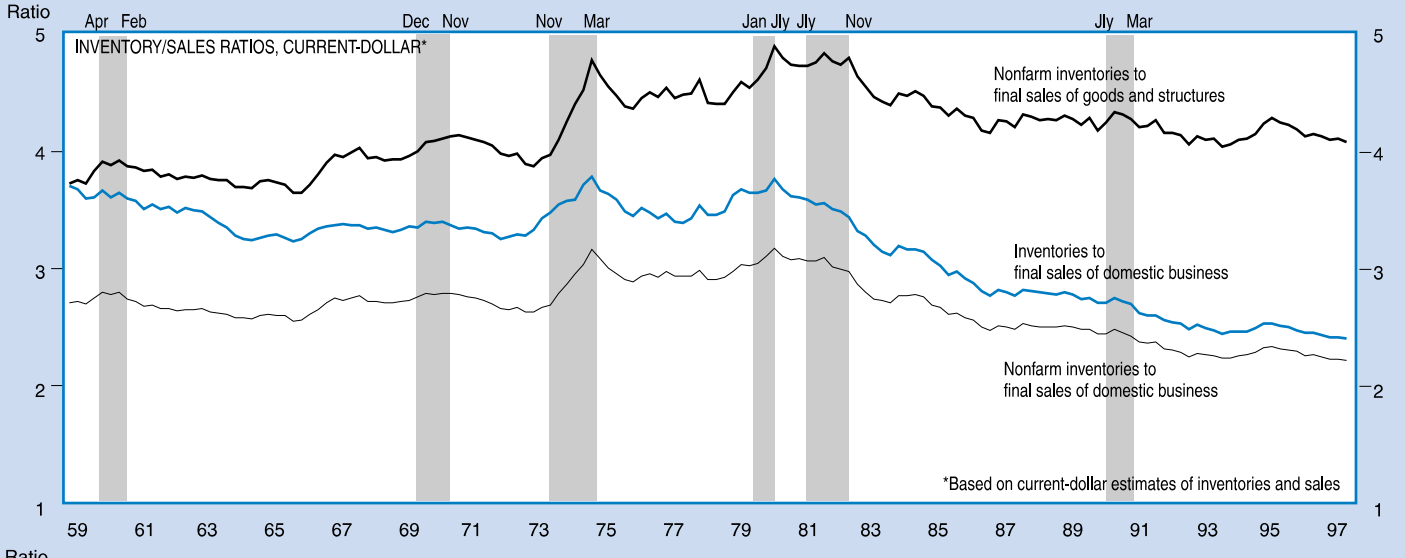
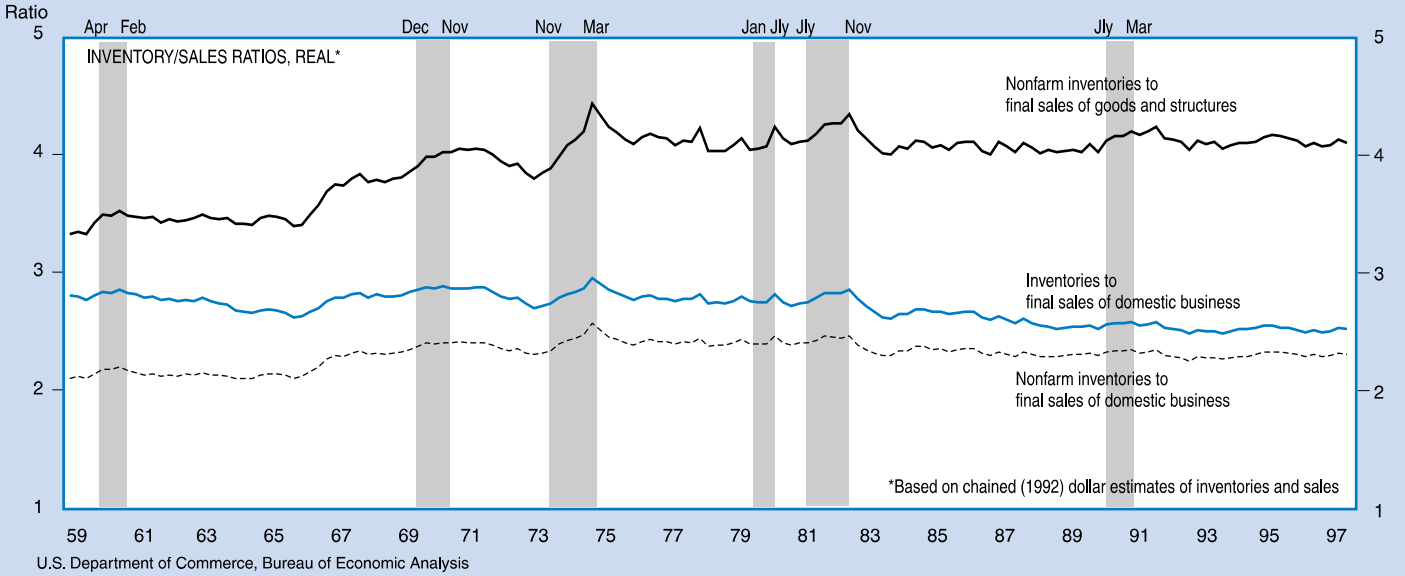
SELECTED NIPA SERIES







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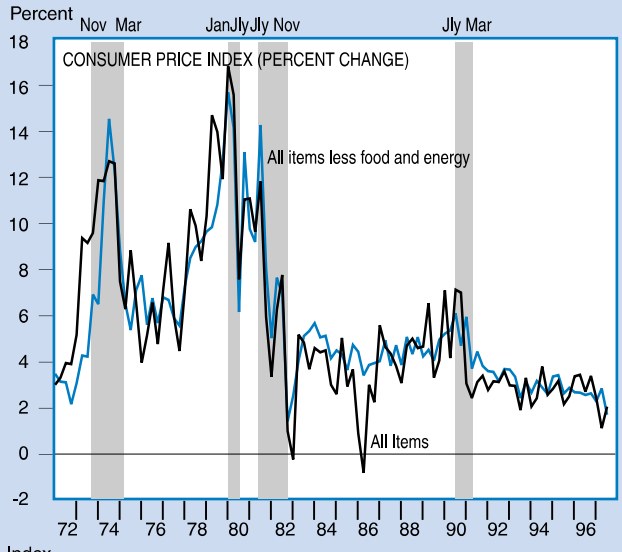
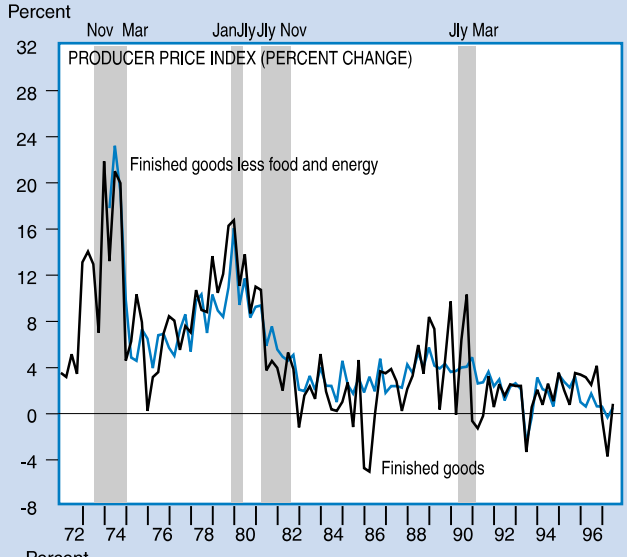
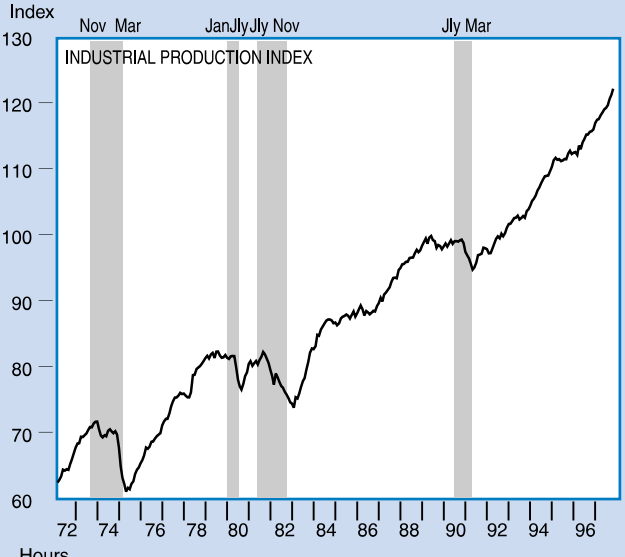
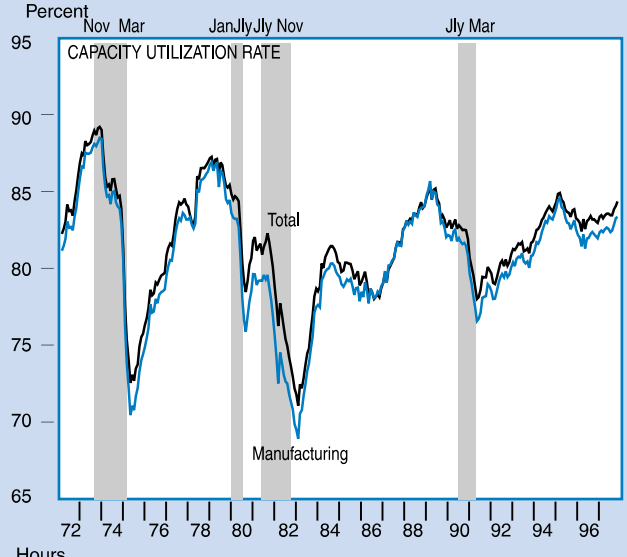
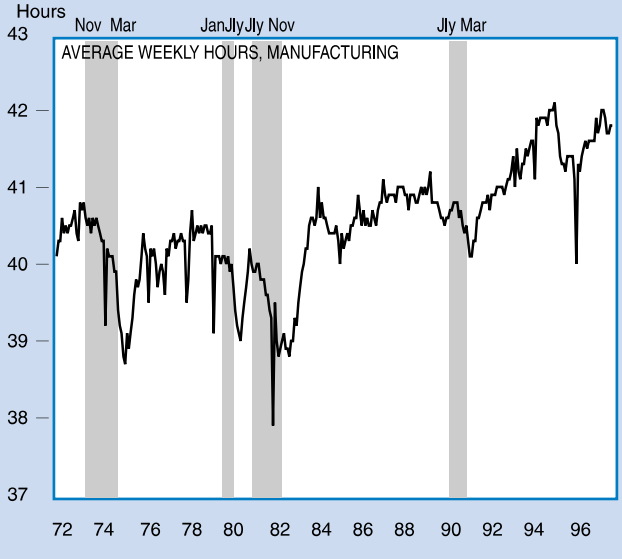
OTHER INDICATORS OF THE DOMESTIC ECONOMY

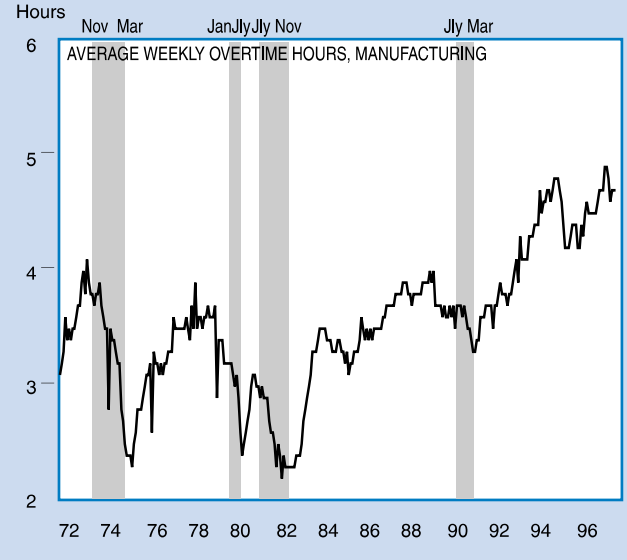












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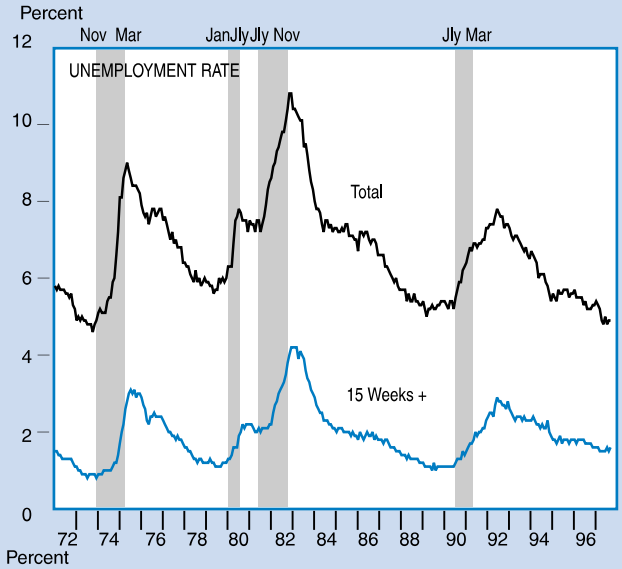
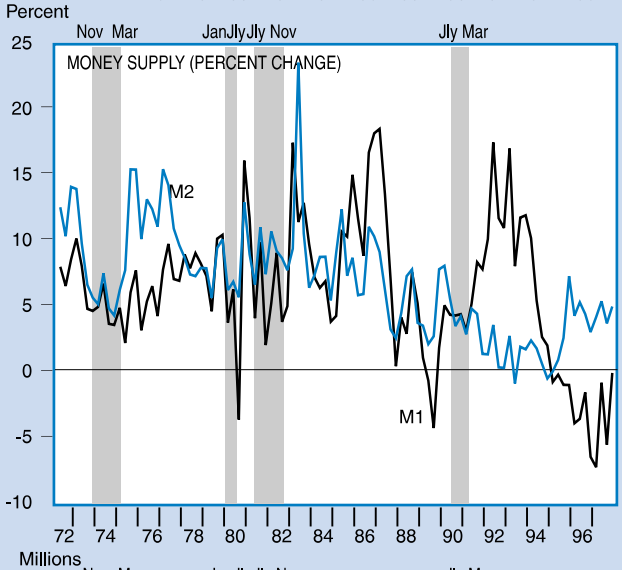
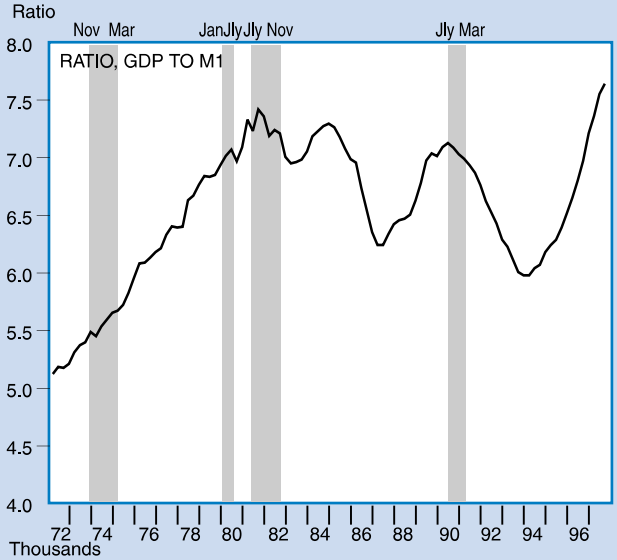
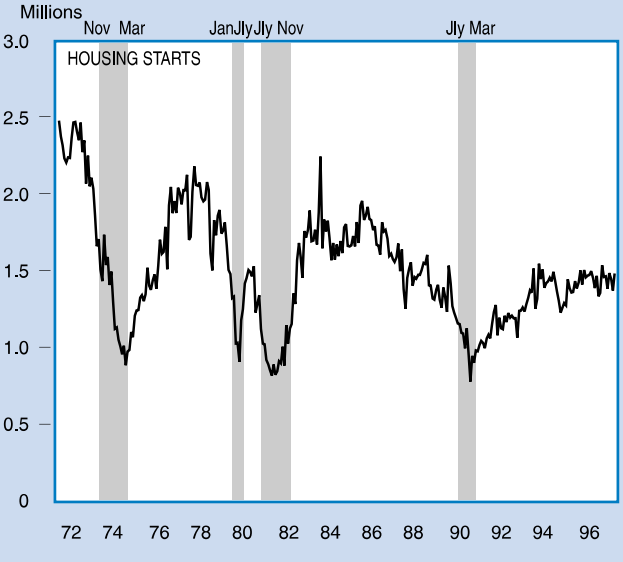
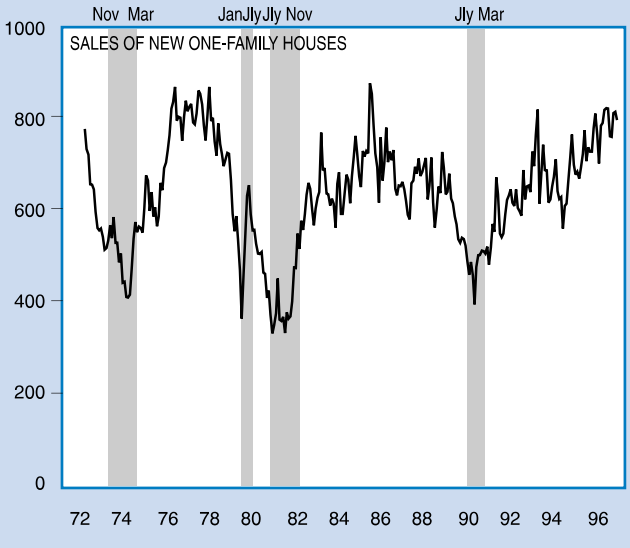
OTHER INDICATORS OF THE DOMESTIC ECONOMY











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

International Data

F. Transactions Tables

Table F.1 includes the most recent estimates of U.S. international trade in goods and services; the estimates were released on October 21, 1997 and include "preliminary" estimates for August 1997 and "revised" estimates for July. 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]

	1995	1996	1996						1997							
			July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July r	Aug. p
Exports of goods and services	**794,610**	**848,833**	**68,500**	**71,150**	**70,435**	**73,088**	**73,969**	**72,444**	**71,848**	**74,282**	**78,124**	**77,791**	**77,742**	**78,515**	**77,787**	**77,957**
Goods	**575,871**	**612,069**	**49,087**	**51,254**	**50,423**	**52,503**	**53,209**	**52,133**	**51,686**	**53,687**	**57,155**	**57,162**	**56,871**	**57,378**	**56,745**	**56,819**
Foods, feeds, and beverages	50,473	55,534	4,675	4,686	4,424	4,545	5,012	4,398	4,327	4,272	4,181	4,162	4,052	3,929	3,832	4,261
Industrial supplies and materials	146,247	147,652	11,618	12,339	12,189	12,679	12,252	12,463	12,091	12,706	13,731	13,507	13,399	13,885	13,169	13,360
Capital goods, except automotive	233,046	252,895	20,110	21,158	20,417	22,049	22,211	22,052	21,555	22,715	24,713	24,971	24,760	24,482	24,898	24,716
Automotive vehicles, engines, and parts	61,828	65,021	5,348	5,485	5,719	5,410	5,878	5,465	5,600	5,907	6,228	6,171	5,935	6,251	6,261	6,130
Consumer goods (nonfood), except automotive	64,425	70,138	5,589	5,868	5,892	6,141	6,070	6,015	6,068	6,264	6,481	6,339	6,663	6,720	6,397	6,441
Other goods	28,723	33,836	3,187	3,071	3,092	2,744	3,064	3,056	2,595	2,493	2,808	2,709	3,057	2,968	3,218	2,958
Adjustments [1]	–8,871	–13,006	–1,440	–1,352	–1,309	–1,065	–1,279	–1,316	–551	–671	–988	–697	–995	–857	–1,031	–1,046
Services	**218,739**	**236,764**	**19,413**	**19,896**	**20,012**	**20,585**	**20,760**	**20,311**	**20,162**	**20,595**	**20,969**	**20,629**	**20,871**	**21,137**	**21,042**	**21,138**
Travel	63,395	69,908	5,667	5,945	6,047	6,145	6,215	5,823	5,947	6,243	6,366	5,957	6,028	6,106	6,056	6,150
Passenger fares	19,125	20,557	1,682	1,766	1,789	1,791	1,801	1,690	1,711	1,797	1,811	1,742	1,765	1,801	1,776	1,776
Other transportation	27,412	27,216	2,193	2,293	2,230	2,400	2,393	2,349	2,291	2,321	2,387	2,364	2,358	2,417	2,387	2,405
Royalties and license fees	27,383	29,974	2,483	2,498	2,514	2,559	2,570	2,574	2,561	2,563	2,575	2,633	2,647	2,655	2,674	2,687
Other private services	66,850	73,569	6,091	6,145	6,196	6,321	6,370	6,426	6,510	6,588	6,662	6,702	6,808	6,882	6,955	6,946
Transfers under U.S. military agency sales contracts [2]	13,756	14,647	1,228	1,179	1,165	1,299	1,342	1,381	1,074	1,015	1,101	1,167	1,202	1,213	1,127	1,106
U.S. Government miscellaneous services	818	893	69	70	71	70	69	68	68	68	67	64	63	63	67	68
Imports of goods and services	**896,467**	**959,873**	**80,123**	**81,157**	**81,323**	**81,023**	**81,634**	**83,045**	**83,458**	**84,138**	**85,955**	**86,585**	**87,299**	**86,808**	**87,805**	**88,315**
Goods	**749,431**	**803,239**	**66,844**	**68,013**	**68,400**	**67,823**	**68,385**	**69,828**	**69,834**	**70,448**	**72,032**	**72,689**	**73,234**	**72,622**	**73,593**	**74,194**
Foods, feeds, and beverages	33,176	35,710	2,947	3,015	2,991	3,009	2,976	3,189	3,074	3,105	3,328	3,358	3,378	3,251	3,395	3,361
Industrial supplies and materials	181,849	204,482	17,346	17,384	17,841	18,250	17,562	18,698	17,944	17,641	17,969	17,575	17,905	17,565	17,456	17,964
Capital goods, except automotive	221,431	229,050	18,704	19,010	19,133	18,943	19,330	19,581	19,466	19,439	20,422	20,686	20,988	21,250	21,574	22,225
Automotive vehicles, engines, and parts	123,795	128,938	11,044	11,216	11,160	10,156	11,234	10,846	11,763	12,113	11,685	11,366	11,625	11,594	12,291	11,792
Consumer goods (nonfood), except automotive	159,905	171,007	14,101	14,438	14,769	14,952	14,749	15,149	15,117	15,256	14,927	16,214	16,079	15,716	16,100	16,077
Other goods	23,387	26,102	2,277	2,181	2,199	2,198	2,245	2,130	2,224	2,465	2,244	2,472	2,361	2,355	2,549	2,532
Adjustments [1]	5,888	7,950	425	770	307	315	289	235	247	429	1,456	1,019	897	891	227	243
Services	**147,036**	**156,634**	**13,279**	**13,144**	**12,923**	**13,200**	**13,249**	**13,217**	**13,624**	**13,690**	**13,923**	**13,896**	**14,065**	**14,186**	**14,212**	**14,121**
Travel	46,053	48,739	3,915	4,046	3,955	4,025	4,156	4,061	4,295	4,312	4,411	4,286	4,381	4,426	4,367	4,369
Passenger fares	14,433	15,776	1,291	1,324	1,305	1,344	1,367	1,342	1,411	1,425	1,447	1,427	1,434	1,453	1,455	1,457
Other transportation	28,249	28,453	2,445	2,403	2,372	2,478	2,323	2,366	2,448	2,439	2,491	2,526	2,550	2,486	2,532	2,516
Royalties and license fees	6,503	7,322	930	658	556	577	589	604	588	598	613	651	666	674	683	635
Other private services	39,285	42,796	3,542	3,554	3,578	3,640	3,680	3,707	3,739	3,770	3,811	3,851	3,875	3,987	4,009	3,977
Direct defense expenditures [2]	9,890	10,861	927	928	925	909	907	911	914	917	922	930	934	936	938	939
U.S. Government miscellaneous services	2,623	2,687	229	231	232	227	227	226	229	229	228	225	225	224	228	228
Memoranda:																
Balance on goods	–173,560	–191,170	–17,757	–16,759	–17,976	–15,320	–15,176	–17,695	–18,149	–16,761	–14,877	–15,528	–16,363	–15,244	–16,849	–17,375
Balance on services	71,703	80,130	6,134	6,752	7,089	7,385	7,511	7,094	6,538	6,905	7,046	6,733	6,806	6,951	6,830	7,017
Balance on goods and services	–101,857	–111,040	–11,623	–10,007	–10,887	–7,935	–7,665	–10,601	–11,611	–9,856	–7,831	–8,795	–9,557	–8,293	–10,019	–10,358

p Preliminary.
r Revised.
1. Reflects adjustments necessary to bring the Census Bureau's component data in line with the concepts and definitions used to prepare BEA's international and national accounts.
2. Contains goods that cannot be separately identified.
Source: U.S. Department of Commerce, Bureau of Economic Analysis and Bureau of the Census

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

[Millions of dollars]

Line	(Credits +; debits –) [1]	1996	Not seasonally adjusted						Seasonally adjusted					
			1996				1997		1996				1997	
			I	II	III	IV	I r	II p	I	II	III	IV	I r	II p
1	**Exports of goods, services, and income**	**1,055,233**	**256,473**	**261,665**	**260,424**	**276,672**	**278,315**	**292,320**	**256,382**	**262,335**	**261,979**	**274,545**	**279,521**	**292,721**
2	Goods, adjusted, excluding military [2]	612,069	151,442	154,198	145,670	160,759	162,812	172,626	150,048	153,411	150,764	157,846	162,527	171,489
3	Services [3]	236,764	55,409	57,121	63,564	60,669	59,841	60,967	57,057	58,736	59,322	61,656	61,725	62,637
4	Transfers under U.S. military agency sales contracts [4]	14,647	3,092	3,961	3,572	4,022	3,190	3,582	3,092	3,961	3,572	4,022	3,190	3,582
5	Travel	69,908	14,804	17,165	21,041	16,898	16,421	17,916	16,712	17,356	17,659	18,183	18,556	18,091
6	Passenger fares	20,557	4,768	4,769	6,104	4,916	4,976	5,109	5,087	4,952	5,237	5,282	5,319	5,308
7	Other transportation	27,216	6,436	6,788	6,763	7,229	6,873	7,124	6,555	6,805	6,716	7,142	6,999	7,139
8	Royalties and license fees [5]	29,974	7,120	7,170	7,410	8,273	7,389	7,753	7,432	7,345	7,495	7,703	7,699	7,935
9	Other private services [5]	73,569	18,900	17,082	18,464	19,124	20,789	19,293	17,890	18,130	18,433	19,117	19,759	20,392
10	U.S. Government miscellaneous services	893	289	187	210	207	203	190	289	187	210	207	203	190
11	Income receipts on U.S. assets abroad	206,400	49,622	50,346	51,190	55,243	55,663	58,728	49,277	50,188	51,893	55,043	55,269	58,595
12	Direct investment receipts	98,890	23,613	24,318	23,837	27,123	26,164	27,893	23,389	23,929	24,675	26,898	25,872	27,498
13	Other private receipts	102,866	24,643	25,053	25,938	27,232	28,544	30,096	24,643	25,053	25,938	27,232	28,544	30,096
14	U.S. Government receipts	4,644	1,366	975	1,415	888	955	739	1,245	1,206	1,280	913	853	1,001
15	**Imports of goods, services, and income**	**–1,163,450**	**–270,428**	**–289,195**	**–301,489**	**–302,337**	**–300,017**	**–322,944**	**–278,860**	**–289,231**	**–295,865**	**–299,493**	**–310,811**	**–322,688**
16	Goods, adjusted, excluding military [2]	–803,239	–187,729	–199,450	–205,518	–210,542	–204,876	–217,082	–192,973	–200,973	–203,257	–206,036	–212,314	–218,392
17	Services [3]	–156,634	–35,837	–40,128	–42,415	–38,253	–38,247	–43,393	–38,671	–38,953	–39,345	–39,664	–41,238	–42,147
18	Direct defense expenditures	–10,861	–2,607	–2,747	–2,780	–2,727	–2,753	–2,800	–2,607	–2,747	–2,780	–2,727	–2,753	–2,800
19	Travel	–48,739	–10,492	–13,236	–14,321	–10,690	–10,935	–14,309	–12,484	–12,099	–11,915	–12,241	–13,018	–13,093
20	Passenger fares	–15,776	–3,545	–4,188	–4,406	–3,637	–3,947	–4,567	–3,860	–3,943	–3,920	–4,053	–4,283	–4,314
21	Other transportation	–28,453	–6,648	–7,222	–7,380	–7,203	–7,191	–7,533	–6,816	–7,253	–7,218	–7,166	–7,378	–7,562
22	Royalties and license fees [5]	–7,322	–1,697	–1,606	–2,154	–1,865	–1,772	–1,892	–1,724	–1,684	–2,144	–1,770	–1,799	–1,992
23	Other private services [5]	–42,796	–10,190	–10,473	–10,682	–11,451	–10,962	–11,618	–10,522	–10,570	–10,676	–11,027	–11,321	–11,712
24	U.S. Government miscellaneous services	–2,687	–658	–657	–692	–680	–686	–674	–658	–657	–692	–680	–686	–674
25	Income payments on foreign assets in the United States	–203,577	–46,862	–49,616	–53,556	–53,542	–56,895	–62,469	–47,216	–49,305	–53,263	–53,793	–57,259	–62,149
26	Direct investment payments	–32,132	–6,488	–8,184	–9,905	–7,554	–8,175	–10,433	–6,842	–7,873	–9,612	–7,805	–8,539	–10,113
27	Other private payments	–100,103	–24,210	–24,600	–25,158	–26,135	–27,581	–29,242	–24,210	–24,600	–25,158	–26,135	–27,581	–29,242
28	U.S. Government payments	–71,342	–16,164	–16,832	–18,493	–19,853	–21,139	–22,794	–16,164	–16,832	–18,493	–19,853	–21,139	–22,794
29	**Unilateral transfers, net**	**–39,968**	**–10,438**	**–8,122**	**–9,103**	**–12,305**	**–8,604**	**–8,719**	**–10,406**	**–8,689**	**–8,947**	**–11,926**	**–8,682**	**–9,063**
30	U.S. Government grants [4]	–14,933	–4,321	–2,423	–2,690	–5,499	–2,109	–2,255	–4,321	–2,423	–2,690	–5,499	–2,109	–2,255
31	U.S. Government pensions and other transfers	–4,331	–955	–781	–1,188	–1,407	–795	–1,057	–1,136	–1,081	–1,064	–1,050	–1,083	–1,128
32	Private remittances and other transfers [6]	–20,704	–5,162	–4,918	–5,225	–5,399	–5,700	–5,407	–4,949	–5,185	–5,193	–5,377	–5,490	–5,680
33	**U.S. assets abroad, net (increase/capital outflow (–))**	**–352,444**	**–72,816**	**–51,161**	**–78,638**	**–149,829**	**–130,316**	**–97,395**	**–70,768**	**–49,698**	**–77,542**	**–154,436**	**–127,969**	**–95,492**
34	U.S. official reserve assets, net [7]	6,668	17	–523	7,489	–315	4,480	–236	17	–523	7,489	–315	4,480	–236
35	Gold	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
36	Special drawing rights	370	–199	–133	848	–146	72	–133	–199	–133	848	–146	72	–133
37	Reserve position in the International Monetary Fund	–1,280	–849	–220	–183	–28	1,055	54	–849	–220	–183	–28	1,055	54
38	Foreign currencies	7,578	1,065	–170	6,824	–141	3,353	–157	1,065	–170	6,824	–141	3,353	–157
39	U.S. Government assets, other than official reserve assets, net	–690	–210	–358	162	–284	–21	–238	–210	–358	162	–284	–21	–238
40	U.S. credits and other long-term assets	–4,930	–1,076	–1,489	–1,127	–1,238	–1,107	–1,572	–1,076	–1,489	–1,127	–1,238	–1,107	–1,572
41	Repayments on U.S. credits and other long-term assets [8]	4,134	1,013	870	1,206	1,045	1,111	1,328	1,013	870	1,206	1,045	1,111	1,328
42	U.S. foreign currency holdings and U.S. short-term assets, net	106	–147	261	83	–91	–25	6	–147	261	83	–91	–25	6
43	U.S. private assets, net	–358,422	–72,623	–50,280	–86,289	–149,230	–134,775	–96,921	–70,575	–48,817	–85,193	–153,837	–132,428	–95,018
44	Direct investment	–87,813	–24,258	–25,097	–12,200	–26,258	–28,773	–30,984	–22,210	–23,634	–11,104	–30,865	–26,426	–29,081
45	Foreign securities	–108,189	–34,455	–20,328	–23,206	–30,200	–14,510	–21,325	–34,455	–20,328	–23,206	–30,200	–14,510	–21,325
46	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	–64,234	–15,778	–5,047	–17,294	–26,115	–29,466	–15,000	–15,778	–5,047	–17,294	–26,115	–29,466	–15,000
47	U.S. claims reported by U.S. banks, not included elsewhere	–98,186	1,868	192	–33,589	–66,657	–62,026	–29,612	1,868	192	–33,589	–66,657	–62,026	–29,612
48	**Foreign assets in the United States, net (increase/capital inflow (+))**	**547,555**	**88,018**	**106,568**	**159,231**	**193,738**	**181,978**	**152,097**	**88,233**	**106,114**	**158,629**	**194,579**	**182,238**	**151,649**
49	Foreign official assets in the United States, net	122,354	52,014	13,154	24,089	33,097	28,891	–3,719	52,014	13,154	24,089	33,097	28,891	–3,719
50	U.S. Government securities	115,634	55,652	–2,125	26,689	35,418	23,940	–7,800	55,652	–2,125	26,689	35,418	23,940	–7,800
51	U.S. Treasury securities [9]	111,253	55,600	–3,383	25,472	33,564	23,289	–8,444	55,600	–3,383	25,472	33,564	23,289	–8,444
52	Other [10]	4,381	52	1,258	1,217	1,854	651	644	52	1,258	1,217	1,854	651	644
53	Other U.S. Government liabilities [11]	720	–143	–204	907	160	478	804	–143	–204	907	160	478	804
54	U.S. liabilities reported by U.S. banks, not included elsewhere	4,722	–3,284	14,198	–1,922	–4,270	7,698	2,346	–3,284	14,198	–1,922	–4,270	7,698	2,346
55	Other foreign official assets [12]	1,278	–211	1,285	–1,585	1,789	–3,225	931	–211	1,285	–1,585	1,789	–3,225	931
56	Other foreign assets in the United States, net	425,201	36,004	93,414	135,142	160,641	153,087	155,816	36,219	92,960	134,540	161,482	153,347	155,368
57	Direct investment	76,955	15,662	17,894	26,579	16,820	30,381	29,320	15,877	17,440	25,977	17,661	30,641	28,872
58	U.S. Treasury securities and U.S. currency flows	172,878	10,602	36,152	50,798	75,326	51,289	50,816	10,602	36,152	50,798	75,326	51,289	50,816
59	U.S. securities other than U.S. Treasury securities	133,798	36,475	29,761	35,115	32,447	38,820	51,537	36,475	29,761	35,115	32,447	38,820	51,537
60	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	31,786	6,800	7,288	20,610	–2,912	15,210	–3,000	6,800	7,288	20,610	–2,912	15,210	–3,000
61	U.S. liabilities reported by U.S. banks, not included elsewhere	9,784	–33,535	2,319	2,040	38,960	17,387	27,143	–33,535	2,319	2,040	38,960	17,387	27,143
62	**Allocations of special drawing rights**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	**Statistical discrepancy (sum of above items with sign reversed)**	**–46,927**	**9,191**	**–19,755**	**–30,424**	**–5,938**	**–21,356**	**–15,359**	**15,419**	**–20,831**	**–38,254**	**–3,269**	**–14,297**	**–17,127**
63a	*Of which* seasonal adjustment discrepancy	.....	.....	.....	.....	.....	.....	.....	6,228	–1,076	–7,830	2,669	7,059	–1,768
	Memoranda:													
64	Balance on goods (lines 2 and 16)	–191,170	–36,287	–45,252	–59,848	–49,783	–42,064	–44,456	–42,925	–47,562	–52,493	–48,190	–49,787	–46,903
65	Balance on services (lines 3 and 17)	80,130	19,572	16,993	21,149	22,416	21,594	17,574	18,386	19,783	19,977	21,992	20,487	20,490
66	Balance on goods and services (lines 64 and 65)	–111,040	–16,715	–28,259	–38,699	–27,367	–20,470	–26,882	–24,539	–27,779	–32,516	–26,198	–29,300	–26,413
67	Balance on investment income (lines 11 and 25)	2,824	2,760	729	–2,367	1,701	–1,232	–3,741	2,061	883	–1,370	1,250	–1,990	–3,554
68	Balance on goods, services, and income (lines 1 and 15 or lines 66 and 67) [13]	–108,216	–13,955	–27,530	–41,066	–25,666	–21,702	–30,623	–22,478	–26,896	–33,886	–24,948	–31,290	–29,967
69	Unilateral transfers, net (line 29)	–39,968	–10,438	–8,122	–9,103	–12,305	–8,604	–8,719	–10,406	–8,689	–8,947	–11,926	–8,682	–9,063
70	Balance on current account (lines 1, 15, and 29 or lines 68 and 69) [13]	–148,184	–24,393	–35,652	–50,169	–37,971	–30,306	–39,342	–32,884	–35,585	–42,833	–36,874	–39,972	–39,030

See footnotes to table F.3.

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

[Millions of dollars]

Line	(Credits +; debits –) [1]	Western Europe			European Union [14]			United Kingdom			European Union (6) [15]		
		1996	1997		1996	1997		1996	1997		1996	1997	
		IV	I r	II p	IV	I r	II p	IV	I r	II p	IV	I r	II p
1	**Exports of goods, services, and income**	**80,959**	**82,285**	**86,035**	**72,927**	**74,107**	**76,624**	**21,359**	**23,784**	**24,207**	**39,566**	**38,711**	**40,737**
2	Goods, adjusted, excluding military [2]	35,621	38,645	39,903	32,732	35,089	35,178	6,992	9,554	9,335	20,404	20,391	20,808
3	Services [3]	21,287	19,651	21,010	18,779	17,350	18,648	5,575	5,347	5,602	9,635	8,859	9,666
4	Transfers under U.S. military agency sales contracts [4]	859	934	866	456	566	487	72	213	109	171	150	152
5	Travel	5,427	4,678	5,730	4,816	4,247	5,237	1,804	1,602	1,966	2,233	1,937	2,465
6	Passenger fares	1,621	1,448	1,658	1,518	1,375	1,572	441	358	363	822	821	967
7	Other transportation	2,062	1,942	2,035	1,614	1,557	1,610	397	458	447	691	687	709
8	Royalties and license fees [5]	4,441	3,711	3,777	4,231	3,542	3,602	842	625	629	2,538	2,162	2,196
9	Other private services [5]	6,840	6,896	6,907	6,113	6,026	6,108	2,008	2,079	2,077	3,165	3,086	3,163
10	U.S. Government miscellaneous services	37	42	37	31	37	33	11	12	11	15	15	14
11	Income receipts on U.S. assets abroad	24,051	23,990	25,122	21,416	21,668	22,798	8,793	8,883	9,270	9,527	9,462	10,263
12	Direct investment receipts	12,891	12,013	12,605	11,061	10,583	11,201	4,025	3,795	3,817	5,476	5,184	5,814
13	Other private receipts	10,956	11,695	12,348	10,178	10,843	11,452	4,740	5,088	5,453	3,914	4,137	4,317
14	U.S. Government receipts	204	282	169	177	242	145	28	.....	.....	137	141	132
15	**Imports of goods, services, and income**	**–82,791**	**–83,405**	**–94,694**	**–75,489**	**–75,539**	**–86,404**	**–27,662**	**–28,874**	**–31,903**	**–37,311**	**–36,856**	**–42,813**
16	Goods, adjusted, excluding military [2]	–41,720	–40,901	–44,995	–37,940	–37,268	–41,102	–7,743	–7,578	–7,940	–23,647	–23,637	–26,533
17	Services [3]	–14,829	–14,442	–18,280	–13,040	–12,697	–16,087	–4,297	–4,671	–5,464	–6,883	–6,567	–8,213
18	Direct defense expenditures	–1,769	–1,780	–1,800	–1,465	–1,415	–1,450	–79	–136	–100	–1,217	–1,168	–1,200
19	Travel	–3,254	–3,057	–5,675	–3,054	–2,871	–5,194	–1,040	–1,020	–1,467	–1,509	–1,554	–2,771
20	Passenger fares	–1,694	–1,752	–2,407	–1,526	–1,593	–2,163	–563	–631	–926	–690	–679	–853
21	Other transportation	–2,482	–2,456	–2,667	–1,932	–1,932	–2,047	–459	–565	–563	–960	–967	–980
22	Royalties and license fees [5]	–1,282	–1,213	–1,335	–1,083	–1,035	–1,136	–532	–511	–510	–483	–465	–561
23	Other private services [5]	–4,039	–3,890	–4,106	–3,710	–3,599	–3,849	–1,602	–1,785	–1,875	–1,823	–1,547	–1,665
24	U.S. Government miscellaneous services	–309	–293	–289	–269	–252	–248	–22	–23	–23	–201	–186	–183
25	Income payments on foreign assets in the United States	–26,242	–28,063	–31,420	–24,509	–25,574	–29,215	–15,622	–16,626	–18,498	–6,782	–6,652	–8,067
26	Direct investment payments	–5,809	–6,311	–8,184	–5,645	–5,521	–7,700	–2,635	–2,666	–3,329	–2,550	–2,344	–3,626
27	Other private payments	–12,863	–13,688	–14,404	–12,085	–12,762	–13,449	–9,180	–9,776	–10,305	–2,405	–2,429	–2,544
28	U.S. Government payments	–7,570	–8,064	–8,832	–6,779	–7,291	–8,066	–3,807	–4,184	–4,864	–1,827	–1,879	–1,897
29	**Unilateral transfers, net**	**–46**	**45**	**33**	**282**	**243**	**245**	**265**	**350**	**324**	**209**	**87**	**107**
30	U.S. Government grants [4]	–217	–102	–115	–24	–17	–4	.....	.....	.....	.....	.....	.....
31	U.S. Government pensions and other transfers	–326	–281	–325	–250	–249	–278	–44	–44	–46	–144	–144	–158
32	Private remittances and other transfers [6]	497	428	473	556	509	527	309	394	370	353	231	265
33	**U.S. assets abroad, net (increase/capital outflow (–))**	**–54,530**	**–83,486**	**–10,030**	**–46,360**	**–75,870**	**–8,117**	**–35,549**	**–34,277**	**–3,526**	**–10,768**	**–31,031**	**–3,946**
34	U.S. official reserve assets, net [7]	–109	–196	–139	–457	12	–227	.....	.....	.....	–457	12	–227
35	Gold	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
36	Special drawing rights	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Reserve position in the International Monetary Fund	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Foreign currencies	–109	–196	–139	–457	12	–227	.....	.....	.....	–457	12	–227
39	U.S. Government assets, other than official reserve assets, net	89	157	–25	48	141	–57	127	–5	–1	–35	–8	–8
40	U.S. credits and other long-term assets	–106	–86	–112	–59	–35	–51	.....	.....	.....	.....	.....	.....
41	Repayments on U.S. credits and other long-term assets [8]	223	255	95	140	188	4	125	.....	.....	.....	.....	.....
42	U.S. foreign currency holdings and U.S. short-term assets, net	–28	–12	–8	–33	–12	–10	2	–5	–1	–35	–8	–8
43	U.S. private assets, net	–54,510	–83,447	–9,866	–45,951	–76,023	–7,833	–35,676	–34,272	–3,525	–10,276	–31,035	–3,711
44	Direct investment	–16,224	–12,590	–15,829	–15,076	–11,023	–15,291	–11,666	–2,446	–7,742	–1,948	–6,631	–6,564
45	Foreign securities	–20,361	–3,366	3,996	–19,298	–2,135	3,620	–17,700	–2,013	1,219	–2,587	1,504	779
46	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	–10,063	–16,678	.....	–11,269	–16,590	.....	–6,996	–8,552	.....	–4,460	–7,145	.....
47	U.S. claims reported by U.S. banks, not included elsewhere	–7,862	–50,813	1,967	–308	–46,275	3,838	686	–21,261	2,998	–1,281	–18,763	2,074
48	**Foreign assets in the United States, net (increase/capital inflow (+))**	**77,314**	**111,398**	**94,619**	**73,962**	**103,122**	**92,311**	**65,058**	**80,358**	**41,621**	**6,598**	**11,978**	**46,146**
49	Foreign official assets in the United States, net	3,150	11,034	3,213	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
50	U.S. Government securities	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
51	U.S. Treasury securities [9]	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
52	Other [10]	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
53	Other U.S. Government liabilities [11]	310	73	221	150	94	158	7	–77	–33	53	76	64
54	U.S. liabilities reported by U.S. banks, not included elsewhere	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
55	Other foreign official assets [12]	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
56	Other foreign assets in the United States, net	74,164	100,364	91,406	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
57	Direct investment	11,840	26,390	23,710	9,871	24,223	21,271	8,385	13,684	4,252	2,863	10,138	15,883
58	U.S. Treasury securities and U.S. currency flows	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
59	U.S. securities other than U.S. Treasury securities	16,873	30,948	32,344	16,704	29,431	30,053	17,220	21,470	20,721	–1,243	6,003	7,756
60	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	1,500	12,825	.....	1,232	12,560	.....	1,329	11,576	.....	62	713	.....
61	U.S. liabilities reported by U.S. banks, not included elsewhere	(17)	(17)	(17)	[18] 46,005	[18] 36,814	[18] 40,829	[18] 38,117	[18] 33,705	[18] 16,681	[18] 4,863	[18] –4,952	[18] 22,443
62	**Allocations of special drawing rights**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	**Statistical discrepancy, and transfers of funds between foreign areas, net (sum of above items with sign reversed)**	**–20,906**	**–26,837**	**–75,962**	**–25,323**	**–26,062**	**–74,659**	**–23,472**	**–41,341**	**–30,724**	**1,706**	**17,111**	**–40,231**
	Memoranda:												
64	Balance on goods (lines 2 and 16)	–6,099	–2,256	–5,092	–5,208	–2,179	–5,924	–751	1,976	1,395	–3,243	–3,246	–5,725
65	Balance on services (lines 3 and 17)	6,458	5,209	2,730	5,739	4,653	2,561	1,278	677	138	2,752	2,292	1,453
66	Balance on goods and services (lines 64 and 65)	359	2,953	–2,362	531	2,474	–3,363	527	2,653	1,533	–491	–954	–4,272
67	Balance on investment income (lines 11 and 25)	–2,191	–4,073	–6,298	–3,093	–3,906	–6,417	–6,829	–7,743	–9,228	2,746	2,809	2,196
68	Balance on goods, services, and income (lines 1 and 15 or lines 66 and 67) [13]	–1,832	–1,120	–8,660	–2,562	–1,433	–9,780	–6,303	–5,090	–7,696	2,255	1,855	–2,076
69	Unilateral transfers, net (line 29)	–46	45	33	282	243	245	265	350	324	209	87	107
70	Balance on current account (lines 1, 15, and 29 or lines 68 and 69) [13]	–1,878	–1,075	–8,627	–2,280	–1,190	–9,535	–6,038	–4,740	–7,372	2,464	1,942	–1,969

p Preliminary.
r Revised.

1. Credits, +: Exports of goods, services, and income; unilateral transfers to United States; capital inflows (increase in foreign assets (U.S. liabilities) or decrease in U.S. assets); decrease in U.S. official reserve assets; increase in foreign official assets in the United States.

Debits, –: Imports of goods, services, and income; unilateral transfers to foreigners; capital outflows (decrease in foreign assets (U.S. liabilities) or increase in U.S. assets); increase in U.S. official reserve assets; decrease in foreign offical assets in the United States.

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

3. Includes some goods: Mainly military equipment in line 4; major equipment, other materials, supplies, and petroleum products purchased abroad by U.S. military agencies in line 18; and fuels purchased by airline and steamship operators in lines 7 and 21.

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

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

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. For all areas, amounts outstanding March 31, 1997, were as follows in millions of dollars: Line 34, 67,813; line 35, 11,050; line 36, 10,023; line 37, 13,805; line 38, 32,935. Data are preliminary.

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

[Millions of dollars]

Line	(Credits +; debits –) [1]	Eastern Europe			Canada			Latin America and Other Western Hemisphere			Japan		
		1996	1997		1996	1997		1996	1997		1996	1997	
		IV	I r	II p	IV	I r	II p	IV	I r	II p	IV	I r	II p
1	**Exports of goods, services, and income**	**3,199**	**3,108**	**3,416**	**44,070**	**47,188**	**49,229**	**51,614**	**51,153**	**55,221**	**27,407**	**28,710**	**28,370**
2	Goods, adjusted, excluding military [2]	2,004	1,811	2,116	34,674	36,823	38,901	30,000	29,516	32,454	16,181	16,448	16,639
3	Services [3]	899	881	860	4,754	5,448	5,318	9,173	8,905	8,823	8,856	9,753	9,196
4	Transfers under U.S. military agency sales contracts [4]	87	96	78	18	24	23	99	114	96	96	156	99
5	Travel	207	173	221	1,359	1,954	1,840	3,833	3,543	3,472	3,214	3,486	3,152
6	Passenger fares	35	20	21	327	327	307	1,028	979	961	1,380	1,743	1,561
7	Other transportation	148	99	108	732	726	774	897	849	926	846	774	829
8	Royalties and license fees [5]	38	42	44	365	343	354	396	362	386	1,406	1,445	1,590
9	Other private services [5]	373	442	378	1,936	2,056	2,004	2,887	3,019	2,949	1,886	2,135	1,953
10	U.S. Government miscellaneous services	11	9	10	17	17	16	33	39	33	28	14	12
11	Income receipts on U.S. assets abroad	296	416	440	4,642	4,917	5,010	12,441	12,732	13,944	2,370	2,509	2,536
12	Direct investment receipts	143	247	297	2,360	2,581	2,550	4,445	4,192	5,034	946	1,103	1,140
13	Other private receipts	89	100	107	2,282	2,336	2,460	7,842	8,401	8,843	1,418	1,399	1,384
14	U.S. Government receipts	64	69	36	.....	.....	.....	154	139	67	6	7	12
15	**Imports of goods, services, and income**	**–3,133**	**–2,792**	**–3,170**	**–46,150**	**–47,506**	**–50,064**	**–51,207**	**–51,733**	**–54,856**	**–41,364**	**–41,415**	**–41,768**
16	Goods, adjusted, excluding military [2]	–2,182	–1,864	–2,010	–40,678	–42,004	–43,410	–33,372	–32,831	–34,957	–30,012	–30,096	–29,347
17	Services [3]	–611	–580	–783	–3,143	–3,009	–3,754	–7,826	–8,081	–8,349	–3,567	–3,548	–3,756
18	Direct defense expenditures	–114	–79	–100	–11	–18	–15	–79	–85	–85	–267	–257	–275
19	Travel	–190	–212	–342	–756	–619	–1,237	–3,426	–3,713	–3,735	–783	–790	–875
20	Passenger fares	–49	–52	–99	–91	–82	–121	–611	–742	–630	–160	–190	–187
21	Other transportation	–97	–80	–78	–911	–925	–1,001	–522	–589	–640	–1,057	–982	–1,031
22	Royalties and license fees [5]	–4	–2	–2	–56	–59	–59	–26	–28	–34	–318	–326	–312
23	Other private services [5]	–147	–142	–150	–1,290	–1,275	–1,291	–3,057	–2,815	–3,117	–956	–978	–1,052
24	U.S. Government miscellaneous services	–10	–14	–13	–28	–32	–30	–106	–110	–109	–25	–24	–24
25	Income payments on foreign assets in the United States	–341	–348	–377	–2,329	–2,493	–2,900	–10,008	–10,821	–11,550	–7,786	–7,771	–8,665
26	Direct investment payments	(*)	–3	6	–578	–685	–972	–249	–351	–475	–1,325	–1,016	–1,332
27	Other private payments	–107	–99	–99	–1,189	–1,279	–1,378	–7,324	–7,668	–8,238	–1,526	–1,610	–1,733
28	U.S. Government payments	–234	–246	–283	–562	–529	–550	–2,435	–2,802	–2,837	–4,935	–5,145	–5,600
29	**Unilateral transfers, net**	**–737**	**–653**	**–653**	**–78**	**–102**	**–91**	**–2,685**	**–2,627**	**–2,681**	**–11**	**–66**	**–23**
30	U.S. Government grants [4]	–420	–292	–326	.....	.....	.....	–370	–276	–327	.....	.....	.....
31	U.S. Government pensions and other transfers	–9	–9	–9	–101	–101	–118	–185	–140	–157	–21	–22	–21
32	Private remittances and other transfers [6]	–308	–352	–318	23	–1	27	–2,130	–2,211	–2,197	10	–44	–2
33	**U.S. assets abroad, net (increase/capital outflow (–))**	**–835**	**–3,738**	**745**	**–13,065**	**–12,332**	**–6,383**	**–45,953**	**–13,440**	**–56,274**	**–8,701**	**–2,623**	**–11,555**
34	U.S. official reserve assets, net [7]	.....	.....	.....	.....	.....	.....	.....	3,500	.....	–32	49	–18
35	Gold	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
36	Special drawing rights	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Reserve position in the International Monetary Fund	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Foreign currencies	.....	.....	.....	.....	.....	.....	.....	3,500	.....	–32	49	–18
39	U.S. Government assets, other than official reserve assets, net	–118	11	–14	1	–1	.....	55	106	218	–12	8	2
40	U.S. credits and other long-term assets	–31	–28	–328	.....	.....	.....	–285	–270	–203	.....	.....	.....
41	Repayments on U.S. credits and other long-term assets [8]	9	27	314	.....	.....	.....	349	386	421	.....	.....	.....
42	U.S. foreign currency holdings and U.S. short-term assets, net	–96	12	.....	1	–1	.....	–9	–10	.....	–12	8	2
43	U.S. private assets, net	–717	–3,749	759	–13,066	–12,331	–6,383	–46,008	–17,046	–56,492	–8,657	–2,680	–11,539
44	Direct investment	–255	–748	–558	–2,342	–2,563	–2,800	–3,053	–4,657	–6,282	–148	–1,045	–890
45	Foreign securities	141	–85	–577	–3,581	2,300	–2,428	2,269	–6,992	–9,987	2,297	–3,258	–10,150
46	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	4	38	.....	–4,214	681	.....	–10,262	–13,884	–15,000	–181	155	.....
47	U.S. claims reported by U.S. banks, not included elsewhere	–607	–2,954	1,894	–2,929	–12,749	–1,155	–34,962	8,487	–25,223	–10,625	1,468	–499
48	**Foreign assets in the United States, net (increase/capital inflow (+))**	**4,777**	**1,180**	**4,600**	**9,235**	**3,906**	**5,729**	**66,402**	**7,023**	**29,243**	**13,627**	**26,740**	**25,922**
49	Foreign official assets in the United States, net	(18)	(18)	(18)	3	682	–1,430	(18)	(18)	(18)	(18)	(18)	(18)
50	U.S. Government securities	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
51	U.S. Treasury securities [9]	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
52	Other [10]	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
53	Other U.S. Government liabilities [11]	–1	–22	1	11	28	–10	–4	58	11	–134	–154	427
54	U.S. liabilities reported by U.S. banks, not included elsewhere	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
55	Other foreign official assets [12]	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
56	Other foreign assets in the United States, net	(18)	(18)	(18)	9,232	3,224	7,159	(18)	(18)	(18)	(18)	(18)	(18)
57	Direct investment	56	–217	78	3,800	2,034	1,611	–1,860	443	1,514	3,747	1,219	2,156
58	U.S. Treasury securities and U.S. currency flows	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
59	U.S. securities other than U.S. Treasury securities	–44	–33	99	2,384	2,924	977	7,902	192	8,735	4,069	999	7,402
60	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	49	33	.....	487	–1,038	.....	–5,291	2,469	–3,000	–449	–111	.....
61	U.S. liabilities reported by U.S. banks, not included elsewhere	[18] 4,717	[18] 1,419	[18] 4,422	(17)	(17)	(17)	[18] 65,655	[18] 3,861	[18] 21,983	[18] 6,394	[18] 24,787	[18] 15,937
62	**Allocations of special drawing rights**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	**Statistical discrepancy, and transfers of funds between foreign areas, net (sum of above items with sign reversed)**	**–3,271**	**2,896**	**–4,939**	**5,987**	**8,847**	**1,581**	**–18,172**	**9,623**	**29,348**	**9,043**	**–11,346**	**–946**
	Memoranda:												
64	Balance on goods (lines 2 and 16)	–178	–53	106	–6,004	–5,181	–4,509	–3,372	–3,315	–2,503	–13,831	–13,648	–12,708
65	Balance on services (lines 3 and 17)	288	301	77	1,611	2,439	1,564	1,347	824	474	5,289	6,206	5,439
66	Balance on goods and services (lines 64 and 65)	110	248	183	–4,393	–2,742	–2,945	–2,025	–2,491	–2,029	–8,542	–7,442	–7,269
67	Balance on investment income (lines 11 and 25)	–45	68	64	2,313	2,424	2,110	2,433	1,911	2,395	–5,416	–5,262	–6,129
68	Balance on goods, services, and income (lines 1 and 15 or lines 66 and 67) [13]	66	315	247	–2,080	–319	–836	408	–580	365	–13,958	–12,705	–13,398
69	Unilateral transfers, net (line 29)	–737	–653	–653	–78	–102	–91	–2,685	–2,627	–2,681	–11	–66	–23
70	Balance on current account (lines 1, 15, and 29 or lines 68 and 69) [13]	–672	–338	–407	–2,158	–421	–927	–2,277	–3,207	–2,316	–13,969	–12,771	–13,421

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 securities of U.S. Government corporations and agencies.

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

12. Consists of investments in U.S. corporate stocks and in debt securities of private corporations and State and local governments.

13. Conceptually, the sum of lines 70 and 62 is equal to "net foreign investment" in the national income and product accounts (NIPA's). However, the foreign transactions account in the NIPA's (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 Appendix A of this section of the SURVEY OF CURRENT BUSINESS. A reconciliation of the other foreign transactions in the two sets of accounts appears in table 4.5 of the full set of NIPA tables (published annually in the August issue of the SURVEY).

Table F.3.—Selected 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]		
		1996	1997		1996	1997		1996	1997	
		IV	I r	II p	IV	I r	II p	IV	I r	II p
1	**Exports of goods, services, and income**	**5,568**	**5,319**	**5,997**	**59,243**	**56,128**	**59,550**	**4,611**	**4,424**	**4,502**
2	Goods, adjusted, excluding military [2]	2,915	2,823	3,080	39,364	36,746	39,533	...	...	...
3	Services [3]	1,226	1,122	1,267	13,048	12,623	13,075	1,427	1,458	1,420
4	Transfers under U.S. military agency sales contracts [4]	41	35	46	2,820	1,831	2,374	2	...	...
5	Travel	452	392	466	2,406	2,195	3,035	...	...	...
6	Passenger fares	112	100	128	413	359	473	...	...	...
7	Other transportation	80	72	79	2,342	2,230	2,219	122	181	154
8	Royalties and license fees [5]	160	141	161	1,039	962	1,041	428	382	400
9	Other private services [5]	379	379	385	3,949	4,967	3,853	874	895	865
10	U.S. Government miscellaneous services	2	3	3	79	79	79	...	...	...
11	Income receipts on U.S. assets abroad	1,428	1,374	1,650	6,831	6,760	6,943	3,184	2,966	3,082
12	Direct investment receipts	829	777	1,037	4,214	4,087	4,024	1,295	1,165	1,205
13	Other private receipts	599	597	613	2,303	2,357	2,598	1,743	1,659	1,743
14	U.S. Government receipts	...	...	...	314	316	321	146	142	134
15	**Imports of goods, services, and income**	**–2,092**	**–2,074**	**–2,004**	**–74,610**	**–70,072**	**–75,394**	**–991**	**–1,019**	**–993**
16	Goods, adjusted, excluding military [2]	–1,168	–1,159	–1,183	–61,410	–56,021	–61,180	...	...	...
17	Services [3]	–715	–743	–580	–6,964	–7,146	–7,242	–598	–697	–648
18	Direct defense expenditures	–17	–21	–20	–470	–513	–505	...	...	...
19	Travel	–283	–325	–177	–1,998	–2,219	–2,268	...	...	...
20	Passenger fares	–132	–157	–118	–900	–972	–1,005	...	...	...
21	Other transportation	–89	–61	–61	–1,849	–1,741	–1,758	–196	–357	–297
22	Royalties and license fees [5]	–12	–8	–8	–49	–22	–22	–119	–115	–121
23	Other private services [5]	–171	–155	–181	–1,508	–1,483	–1,492	–282	–225	–230
24	U.S. Government miscellaneous services	–11	–17	–16	–190	–196	–193	–1	...	...
25	Income payments on foreign assets in the United States	–209	–172	–241	–6,236	–6,905	–6,971	–392	–322	–345
26	Direct investment payments	–92	–65	–123	125	–176	222	373	432	426
27	Other private payments	–82	–88	–98	–2,347	–2,423	–2,548	–697	–726	–744
28	U.S. Government payments	–35	–19	–20	–4,014	–4,306	–4,645	–68	–28	–27
29	**Unilateral transfers, net**	**–21**	**–25**	**–21**	**–5,872**	**–3,061**	**–2,829**	**–2,855**	**–2,115**	**–2,454**
30	U.S. Government grants [4]	...	...	...	–4,279	–1,213	–1,216	–213	–226	–271
31	U.S. Government pensions and other transfers	–9	–9	–8	–109	–121	–122	–647	–112	–297
32	Private remittances and other transfers [6]	–12	–16	–13	–1,484	–1,727	–1,491	–1,995	–1,777	–1,886
33	**U.S. assets abroad, net (increase/capital outflow (–))**	**–4,887**	**–595**	**–1,378**	**–20,514**	**–16,737**	**–11,022**	**–1,345**	**2,636**	**–1,498**
34	U.S. official reserve assets, net [7]	...	...	...	...	...	...	–174	1,127	–79
35	Gold	...	...	...	...	...	...	...	...	...
36	Special drawing rights	...	...	...	...	...	...	–146	72	–133
37	Reserve position in the International Monetary Fund	...	...	...	...	...	...	–28	1,055	54
38	Foreign currencies	...	...	...	...	...	...	...	...	...
39	U.S. Government assets, other than official reserve assets, net	12	–1	...	102	32	–105	–413	–333	–314
40	U.S. credits and other long-term assets	...	...	...	–403	–390	–615	–413	–333	–314
41	Repayments on U.S. credits and other long-term assets [8]	...	...	...	464	443	498	...	...	...
42	U.S. foreign currency holdings and U.S. short-term assets, net	12	–1	...	41	–21	12	...	...	...
43	U.S. private assets, net	–4,899	–594	–1,378	–20,616	–16,769	–10,917	–758	1,842	–1,105
44	Direct investment	–628	–797	–524	–2,910	–5,445	–3,260	–699	–927	–841
45	Foreign securities	–2,786	–1,092	–47	–9,015	–3,665	–2,285	836	1,648	153
46	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	–48	142	...	–1,297	24	...	–54	56	...
47	U.S. claims reported by U.S. banks, not included elsewhere	–1,437	1,153	–807	–7,394	–7,683	–5,372	–841	1,065	–417
48	**Foreign assets in the United States, net (increase/capital inflow (+))**	**1,592**	**–921**	**1,991**	**14,309**	**31,640**	**–17,306**	**6,482**	**1,012**	**7,299**
49	Foreign official assets in the United States, net	(18)	(18)	(18)	(18)	(18)	(18)	–1	...	...
50	U.S. Government securities	(18)	(18)	(18)	(18)	(18)	(18)	...	...	...
51	U.S. Treasury securities [9]	(18)	(18)	(18)	(18)	(18)	(18)	...	...	...
52	Other [10]	(18)	(18)	(18)	(18)	(18)	(18)	...	...	...
53	Other U.S. Government liabilities [11]	–9	23	2	–12	472	152	–1	...	...
54	U.S. liabilities reported by U.S. banks, not included elsewhere	(18)	(18)	(18)	(18)	(18)	(18)	...	...	...
55	Other foreign official assets [12]	(18)	(18)	(18)	(18)	(18)	(18)	...	...	...
56	Other foreign assets in the United States, net	(18)	(18)	(18)	(18)	(18)	(18)	6,483	1,012	7,299
57	Direct investment	777	469	217	–1,071	514	507	–469	–471	–473
58	U.S. Treasury securities and U.S. currency flows	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
59	U.S. securities other than U.S. Treasury securities	–206	272	325	1,494	3,509	1,680	–25	9	–25
60	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	245	128	...	491	880	...	56	24	...
61	U.S. liabilities reported by U.S. banks, not included elsewhere	[18] 785	[18] –1,813	[18] 1,447	[18] 13,407	[18] 26,265	[18] –19,645	[18] 6,921	[18] 1,450	[18] 7,797
62	**Allocations of special drawing rights**	...	...	...	...	...	...	...	...	...
63	**Statistical discrepancy, and transfers of funds between foreign areas, net (sum of above items with sign reversed)**	**–160**	**–1,703**	**–4,585**	**27,443**	**2,102**	**47,000**	**–5,903**	**–4,938**	**–6,855**
	Memoranda:									
64	Balance on goods (lines 2 and 16)	1,747	1,664	1,897	–22,046	–19,275	–21,647	...	...	...
65	Balance on services (lines 3 and 17)	511	378	687	6,084	5,477	5,832	828	761	771
66	Balance on goods and services (lines 64 and 65)	2,258	2,042	2,584	–15,962	–13,798	–15,815	828	761	771
67	Balance on investment income (lines 11 and 25)	1,219	1,202	1,409	596	–145	–29	2,792	2,644	2,738
68	Balance on goods, services, and income (lines 1 and 15 or lines 66 and 67) [13]	3,477	3,244	3,993	–15,367	–13,944	–15,844	3,621	3,406	3,509
69	Unilateral transfers, net (line 29)	–21	–25	–21	–5,872	–3,061	–2,829	–2,855	–2,115	–2,454
70	Balance on current account (lines 1, 15, and 29 or lines 68 and 69) [13]	3,456	3,219	3,972	–21,239	–17,005	–18,673	766	1,291	1,055

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

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

16. Includes, as part of international and unallocated, the estimated direct investment in foreign affiliates engaged in international shipping, in operating oil and gas drilling equipment internationally, and in petroleum trading. Also includes taxes withheld; current-cost adjustments associated with U.S. and foreign direct investment; 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 49 and 56.

18. Details not shown separately are included in line 61.

NOTE.—The data in tables F.2 and F.3 are from tables 1 and 10 in "U.S. International Transactions, Second Quarter 1997" in the October 1997 issue of the SURVEY OF CURRENT BUSINESS, which presents the most recent estimates from the balance of payments accounts.

Table F.4.—Private Service Transactions

[Millions of dollars]

Line		1995	1996	Seasonally adjusted					
				1996				1997	
				I	II	III	IV	I r	II p
1	**Exports of private services**	**204,165**	**221,224**	**53,676**	**54,588**	**55,540**	**57,427**	**58,332**	**58,865**
2	Travel (table F.2, line 5)	63,395	69,908	16,712	17,356	17,659	18,183	18,556	18,091
3	Passenger fares (table F.2, line 6)	19,125	20,557	5,087	4,952	5,237	5,282	5,319	5,308
4	Other transportation (table F.2, line 7)	27,412	27,216	6,555	6,805	6,716	7,142	6,999	7,139
5	Freight	11,420	11,161	2,649	2,823	2,747	2,941	2,909	2,953
6	Port services	14,810	14,691	3,565	3,639	3,625	3,861	3,720	3,817
7	Other	1,184	1,364	340	342	343	339	370	369
8	Royalties and license fees (table F.2, line 8)	27,383	29,974	7,432	7,345	7,495	7,703	7,699	7,935
9	Affiliated,	21,670	23,760	5,927	5,814	5,929	6,091	6,033	6,228
10	U.S. parents' receipts	20,210	21,916	5,531	5,436	5,505	5,445	5,761	5,779
11	U.S. affiliates' receipts	1,460	1,844	396	378	424	646	272	449
12	Unaffiliated	5,713	6,214	1,505	1,531	1,566	1,612	1,666	1,707
13	Industrial processes [1]	3,583	3,979	956	978	1,006	1,040	1,080	1,109
14	Other [2]	2,131	2,235	549	554	560	573	587	598
15	Other private services (table F.2, line 9)	66,850	73,569	17,890	18,130	18,433	19,117	19,759	20,392
16	Affiliated services,	20,272	22,810	5,623	5,571	5,777	5,840	6,103	6,403
17	U.S. parents' receipts	12,795	13,763	3,494	3,429	3,410	3,431	3,622	3,719
18	U.S. affiliates' receipts	7,477	9,047	2,129	2,142	2,367	2,409	2,481	2,684
19	Unaffiliated services	46,578	50,759	12,267	12,559	12,656	13,277	13,656	13,989
20	Education	7,512	7,807	1,916	1,938	1,998	1,955	1,992	2,009
21	Financial services	7,029	8,034	1,847	1,938	1,925	2,325	2,259	2,329
22	Insurance, net	1,390	2,121	450	513	561	597	620	637
23	Premiums received	5,524	6,179	1,480	1,524	1,567	1,609	1,650	1,681
24	Losses paid	4,133	4,058	1,030	1,011	1,006	1,012	1,030	1,044
25	Telecommunications	3,183	3,405	863	854	838	850	845	849
26	Business, professional, and technical services	17,765	19,247	4,681	4,734	4,847	4,985	5,287	5,547
27	Other unaffiliated services [3]	9,699	10,145	2,510	2,583	2,486	2,565	2,654	2,618
28	**Imports of private services**	**134,523**	**143,086**	**35,406**	**35,549**	**35,873**	**36,257**	**37,800**	**38,673**
29	Travel (table F.2, line 19)	46,053	48,739	12,484	12,099	11,915	12,241	13,018	13,093
30	Passenger fares (table F.2, line 20)	14,433	15,776	3,860	3,943	3,920	4,053	4,283	4,314
31	Other transportation (table F.2, line 21)	28,249	28,453	6,816	7,253	7,218	7,166	7,378	7,562
32	Freight	16,759	16,879	4,025	4,414	4,312	4,130	4,318	4,650
33	Port services	10,579	10,792	2,598	2,647	2,709	2,838	2,845	2,706
34	Other	911	783	193	193	198	199	214	206
35	Royalties and license fees (table F.2, line 22)	6,503	7,322	1,724	1,684	2,144	1,770	1,799	1,992
36	Affiliated,	5,128	5,301	1,358	1,304	1,264	1,376	1,403	1,597
37	U.S. parents' payments	448	554	117	137	136	164	155	164
38	U.S. affiliates' payments	4,680	4,748	1,241	1,167	1,128	1,212	1,248	1,433
39	Unaffiliated	1,373	2,021	366	380	880	394	396	395
40	Industrial processes [1]	962	1,126	267	279	288	292	291	290
41	Other [2]	411	895	99	101	592	103	106	105
42	Other private services (table F.2, line 23)	39,285	42,796	10,522	10,570	10,676	11,027	11,321	11,712
43	Affiliated services,	13,597	16,026	3,877	3,945	4,073	4,130	4,222	4,284
44	U.S. parents' payments	6,820	7,505	1,914	1,788	1,935	1,867	1,973	2,034
45	U.S. affiliates' payments	6,777	8,521	1,963	2,157	2,138	2,263	2,249	2,250
46	Unaffiliated services	25,689	26,770	6,645	6,625	6,603	6,897	7,099	7,428
47	Education	949	1,041	253	256	262	269	275	278
48	Financial services	2,472	3,184	774	781	769	859	888	1,069
49	Insurance, net	5,383	4,387	1,188	1,089	1,047	1,064	1,139	1,195
50	Premiums paid	15,187	15,473	3,816	3,833	3,877	3,947	4,046	4,119
51	Losses recovered	9,804	11,086	2,629	2,745	2,830	2,884	2,907	2,924
52	Telecommunications	7,773	8,385	2,127	2,103	2,066	2,089	2,076	2,089
53	Business, professional, and technical services	4,691	5,253	1,234	1,278	1,335	1,406	1,540	1,612
54	Other unaffiliated services [3]	4,420	4,520	1,070	1,119	1,122	1,210	1,180	1,186
	Memoranda:								
55	Balance on goods (table F.2, line 64)	–173,560	–191,170	–42,925	–47,562	–52,493	–48,190	–49,787	–46,903
56	Balance on private services (line 1 minus line 28)	69,642	78,138	18,270	19,039	19,667	21,170	20,532	20,192
57	Balance on goods and private services (lines 55 and 56)	–103,918	–113,032	–24,655	–28,523	–32,826	–27,020	–29,255	–26,711

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, and other intangible property rights.
3. Other unaffiliated services receipts (exports) include mainly expenditures of foreign governments and international organizations in the United States. Payments (imports) include mainly wages of foreign residents temporarily employed in the United States and Canadian and Mexican commuters in U.S. border areas.

NOTE.—The data in this table are from table 3 in "U.S. International Transactions, Second Quarter 1997" in the October 1997 issue of the SURVEY OF CURRENT BUSINESS, which presents the most recent estimates from the balance of payments accounts.

G. Investment Tables

Table G.1.—International Investment Position of the United States at Yearend, 1995 and 1996

[Millions of dollars]

Line	Type of investment	Position 1995 r	Changes in position in 1996 (decrease (–))					Position 1996 p
			Attributable to:				Total	
			Capital flows	Valuation adjustments				
				Price changes	Exchange rate changes 1	Other changes 2		
			(a)	(b)	(c)	(d)	(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)**	**–687,702**	**–195,111**	**32,038**	**–22,195**	**2,446**	**–182,822**	**–870,524**
2	**With direct investment positions at market value (line 4 less line 25)**	**–637,480**	**–195,111**	**39,063**	**–46,339**	**8,564**	**–193,823**	**–831,303**
	U.S. assets abroad:							
3	**With direct investment positions at current cost (lines 5+10+15)**	**3,272,731**	**352,444**	**121,367**	**–21,849**	**–3,964**	**447,998**	**3,720,729**
4	**With direct investment positions at market value (lines 5+10+16)**	**3,700,432**	**352,444**	**267,858**	**–45,567**	**9,373**	**584,108**	**4,284,540**
5	U.S. official reserve assets	176,061	–6,668	–4,581	–4,073	...	–15,322	160,739
6	Gold	101,279	...	3 –4,581	...	–4,581	96,698	
7	Special drawing rights	11,037	–370	...	–355	...	–725	10,312
8	Reserve position in the International Monetary Fund	14,649	1,280	...	–494	...	786	15,435
9	Foreign currencies	49,096	–7,578	...	–3,224	...	–10,802	38,294
10	U.S. Government assets, other than official reserve assets	81,897	690	...	–34	1	657	82,554
11	U.S. credits and other long-term assets 4	79,958	796	...	–1	1	796	80,754
12	Repayable in dollars	79,178	846	...	...	–12	834	80,012
13	Other 5	780	–50	...	–1	13	–38	742
14	U.S. foreign currency holdings and U.S. short-term assets	1,939	–106	...	–33	...	–139	1,800
	U.S. private assets:							
15	With direct investment at current cost (lines 17+19+22+23)	3,014,773	358,422	125,948	–17,742	–3,965	462,663	3,477,436
16	With direct investment at market value (lines 18+19+22+23)	3,442,474	358,422	272,439	–41,460	9,372	598,773	4,041,247
	Direct investment abroad:							
17	At current cost	884,290	87,813	7,375	–4,726	–3,954	86,508	970,798
18	At market value	1,311,991	87,813	153,866	–28,444	9,383	222,618	1,534,609
19	Foreign securities	1,054,352	108,189	118,573	–7,675	...	219,087	1,273,439
20	Bonds	355,284	49,403	806	–7,521	...	42,688	397,972
21	Corporate stocks	699,068	58,786	117,767	–154	...	176,399	875,467
22	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns.	307,982	64,234	...	–3,161	...	61,073	369,055
23	U.S. claims reported by U.S. banks, not included elsewhere	768,149	98,186	...	–2,180	–11	95,995	864,144
	Foreign assets in the United States:							
24	**With direct investment at current cost (lines 26+33)**	**3,960,433**	**547,555**	**89,329**	**346**	**–6,410**	**630,820**	**4,591,253**
25	**With direct investment at market value (lines 26+34)**	**4,337,912**	**547,555**	**228,795**	**772**	**809**	**777,931**	**5,115,843**
26	Foreign official assets in the United States	678,451	122,354	4,345	...	–1	126,698	805,149
27	U.S. Government securities	498,906	115,634	–4,333	...	...	111,301	610,207
28	U.S. Treasury securities	471,508	111,253	–3,802	...	...	107,451	578,959
29	Other	27,398	4,381	–531	...	...	3,850	31,248
30	Other U.S. Government liabilities 7	25,225	720	...	...	–1	719	25,944
31	U.S. liabilities reported by U.S. banks, not included elsewhere	107,394	4,722	...	...	...	4,722	112,116
32	Other foreign official assets	46,926	1,278	8,678	...	...	9,956	56,882
	Other foreign assets:							
33	With direct investment at current cost (lines 35+37+38+39+42+43)	3,281,982	425,201	84,984	346	–6,409	504,122	3,786,104
34	With direct investment at market value (lines 36+37+38+39+42+43)	3,659,461	425,201	224,450	772	810	651,233	4,310,694
	Direct investment in the United States:							
35	At current cost	654,502	76,955	5,356	–426	–7,335	74,550	729,052
36	At market value	1,031,981	76,955	144,822	...	–116	221,661	1,253,642
37	U.S. Treasury securities	389,383	155,578	–14,411	...	...	141,167	530,550
38	U.S.currency	192,300	17,300	...	...	...	17,300	209,600
39	U.S. securities other than U.S. Treasury securities	999,537	133,798	94,039	–1,887	...	225,950	1,225,487
40	Corporate and other bonds	534,116	121,194	721	–1,887	...	120,028	654,144
41	Corporate stocks	465,421	12,604	93,318	...	...	105,922	571,343
42	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns.	232,891	31,786	...	5,932	926	38,644	271,535
43	U.S. liabilities reported by U.S. banks, not included elsewhere	813,369	9,784	...	–3,273	...	6,511	819,880

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. 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.
5. 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.
6. 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 "International Investment Position of the United States in 1996" in the July 1997 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, 1994–96

[Millions of dollars]

	Direct investment position on a historical-cost basis			Capital outflows (inflows (–))			Income		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
All countries, all industries	**640,320**	**717,554**	**796,494**	**68,272**	**85,115**	**85,560**	**68,597**	**87,448**	**95,067**
By country									
Canada	78,018	85,441	91,587	6,760	8,435	6,875	5,873	8,812	8,642
Europe	320,135	360,994	399,632	28,785	45,292	45,274	30,468	41,320	46,183
France	28,204	32,950	34,000	2,586	5,726	5,221	1,296	2,728	3,322
Germany	38,467	44,226	44,259	2,217	4,373	955	3,107	4,783	4,286
Netherlands	29,558	39,344	44,667	6,331	8,420	7,140	5,081	6,890	7,991
United Kingdom	121,321	122,767	142,560	7,177	4,515	18,310	8,082	11,384	13,862
Latin America and Other Western Hemisphere	115,093	128,252	144,209	19,010	14,753	14,299	16,299	15,221	17,404
Brazil	18,400	23,706	26,166	3,517	4,899	3,064	4,756	3,515	3,879
Mexico	16,169	15,980	18,747	3,674	2,955	2,747	2,497	1,369	2,931
Africa	5,606	6,383	7,568	332	873	1,221	1,395	1,861	1,963
Middle East	6,741	7,669	8,743	242	905	1,044	964	1,393	1,458
Asia and Pacific	111,373	125,834	140,402	13,121	15,241	14,752	13,474	18,542	18,937
Australia	20,217	25,003	28,769	32	6,450	3,789	2,392	3,402	2,979
Japan	36,524	38,406	39,593	2,384	1,079	1,817	2,379	4,117	3,950
International	3,355	2,981	4,352	22	–384	2,096	124	300	480
By industry									
Petroleum	67,104	70,229	75,749	1,690	2,437	6,144	7,177	9,730	11,960
Manufacturing	211,431	250,253	272,564	23,953	42,531	28,530	26,699	35,065	34,975
Food and kindred products	29,588	32,439	36,179	3,764	2,871	3,280	4,690	4,728	4,684
Chemicals and allied products	49,128	62,151	69,430	4,992	18,477	7,835	6,839	8,877	10,001
Primary and fabricated metals	10,017	12,032	13,603	819	1,935	5,009	896	1,365	1,004
Industrial machinery and equipment	26,781	33,716	35,020	2,010	5,286	2,016	2,177	4,373	4,579
Electronic and other electric equipment	19,925	25,242	29,519	2,867	4,995	4,513	3,234	4,494	4,374
Transportation equipment	29,420	33,972	33,543	5,993	4,636	714	3,539	3,952	3,429
Other manufacturing	46,572	50,701	55,270	3,508	4,330	5,163	5,324	7,277	6,903
Wholesale trade	62,608	67,222	72,462	6,325	8,511	7,048	7,753	9,191	9,272
Depository institutions	26,693	28,123	32,504	1,786	714	1,329	3,785	2,889	3,767
Finance (except banking), insurance, and real estate	213,175	228,744	257,213	22,982	12,109	28,985	18,302	23,757	27,797
Services	26,734	32,769	36,673	5,613	7,702	3,644	2,796	3,815	3,997
Other industries	32,575	40,213	49,600	5,924	11,113	9,880	2,085	3,002	3,299

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 17 and 18 in "U.S. Direct Investment Abroad: Detail for Historical-Cost Position and Related Capital and Income Flows, 1996" in the September 1997 SURVEY OF CURRENT BUSINESS.

Table G.3.—Selected Financial and Operating Data for Nonbank Foreign Affiliates of U.S. Companies, by Country and by Industry of Affiliate, 1995

	Number of affiliates	Millions of dollars			Number of employees (thousands)
		Total assets	Sales	Net income	
All countries, all industries	**21,318**	**2,815,141**	**2,140,438**	**124,675**	**7,377.0**
By country					
Canada	2,023	246,242	231,081	8,313	918.1
Europe	10,435	1,567,904	1,176,126	63,083	3,014.5
France	1,226	135,906	124,457	4,303	413.9
Germany	1,358	219,538	234,169	6,467	596.3
Italy	757	59,468	68,550	2,315	198.7
Netherlands	999	139,078	112,182	11,492	138.8
Switzerland	505	132,464	60,128	7,203	50.6
United Kingdom	2,393	641,348	363,372	14,338	928.8
Latin America and Other Western Hemisphere	3,256	316,495	191,340	23,419	1,485.2
Brazil	400	48,477	44,536	5,073	299.9
Mexico	823	59,115	61,122	4,732	743.6
Africa	502	22,604	20,587	1,845	126.5
Middle East	338	30,231	21,703	2,899	73.4
Asia and Pacific	4,665	614,555	492,181	24,464	1,747.6
Australia	855	81,055	63,056	2,944	258.7
Japan	1,006	280,164	211,821	4,979	414.9
International	99	17,110	7,421	653	11.8
By industry					
Petroleum	1,520	272,087	428,030	13,981	230.9
Manufacturing	8,023	779,339	984,868	53,795	4,376.6
Food and kindred products	764	99,571	113,166	7,064	554.4
Chemicals and allied products	1,942	180,964	189,096	15,695	591.9
Primary and fabricated metals	722	35,266	36,862	1,227	195.7
Industrial machinery and equipment	1,033	112,921	159,205	7,611	529.4
Electronic and other electric equipment	855	71,483	95,395	6,443	846.0
Transportation equipment	469	124,721	218,333	4,406	697.6
Other manufacturing	2,238	154,413	172,811	11,348	961.5
Wholesale trade	4,878	206,015	367,515	15,124	538.3
Finance (except depository institutions), insurance, and real estate	2,742	1,229,643	108,441	30,507	191.0
Services	2,671	114,995	100,035	4,050	779.8
Other industries	1,484	213,062	151,548	7,219	1,260.4

NOTE.—The data in this table are from "U.S. Multinational Companies: Operations in 1995" in the October 1997 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 Affiliate, 1994–96

[Millions of dollars]

	Direct investment position on a historical-cost basis			Capital inflows (outflows (–))			Income		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
All countries, all industries	**496,539**	**560,850**	**630,045**	**46,995**	**69,414**	**78,828**	**21,286**	**32,029**	**33,759**
By country									
Canada	41,959	48,258	53,845	4,960	7,080	5,670	2,996	3,911	3,285
Europe	303,649	357,193	410,425	28,002	55,300	59,809	16,059	22,975	25,806
France	33,603	38,480	49,307	3,881	4,500	10,928	–63	1,722	2,654
Germany	40,345	49,269	62,242	7,144	10,229	16,283	2,256	1,908	2,097
Netherlands	67,210	65,806	73,803	–3,174	–1,789	8,225	4,120	5,212	6,294
United Kingdom	104,867	126,177	142,607	8,076	20,446	18,929	7,232	11,006	9,220
Latin America and Other Western Hemisphere	26,070	25,240	24,627	4,767	–1,121	131	1,391	1,349	1,557
Brazil	629	751	591	–8	97	–99	88	91	34
Mexico	2,412	1,980	1,078	1,248	–470	–447	2	81	–8
Africa	1,230	1,164	717	44	–66	–440	–19	54	–113
Middle East	6,674	6,008	6,177	161	–298	555	54	209	141
Asia and Pacific	116,956	122,986	134,255	9,061	8,519	13,104	805	3,531	3,084
Australia	8,080	7,833	9,747	1,101	504	2,129	–268	112	–31
Japan	102,999	107,933	118,116	6,238	6,591	11,930	985	3,405	3,106
By industry									
Petroleum	32,290	33,888	42,343	1,665	3,152	8,113	1,902	2,970	4,190
Manufacturing	189,459	213,026	234,323	19,673	27,849	29,112	10,788	15,886	17,262
Food and kindred products	21,411	26,898	28,089	–1,375	5,596	2,439	2,134	1,709	1,780
Chemicals and allied products	66,028	71,367	74,810	10,820	11,306	6,880	4,643	6,202	6,247
Primary and fabricated metals	14,320	14,085	18,727	1,982	312	5,280	–216	1,273	1,060
Machinery	35,196	37,638	37,093	3,826	3,986	–35	1,165	2,316	1,739
Other manufacturing	52,504	63,037	75,604	4,419	6,648	14,548	3,063	4,386	6,436
Wholesale trade	63,792	66,393	77,937	5,785	6,453	9,799	2,611	3,863	3,548
Retail trade	11,857	12,743	15,008	1,532	1,207	2,140	399	544	496
Depository institutions	27,139	34,076	31,903	3,800	6,566	562	2,837	4,725	2,626
Finance, except banking	41,000	62,369	70,185	3,652	16,681	7,775	831	697	714
Insurance	38,833	50,975	59,566	2,759	4,114	7,739	2,237	1,913	3,048
Real estate	31,613	29,704	30,118	259	–880	388	–680	–623	62
Services	37,045	32,887	38,945	2,303	1,946	8,618	–345	212	396
Other industries	23,511	24,788	29,716	5,570	2,326	4,583	705	1,841	1,418

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, 1996" in the September 1997 SURVEY OF CURRENT BUSINESS.

Table G.5.—Selected Financial and Operating Data of Nonbank U.S. Affiliates of Foreign Companies, by Country of Ultimate Beneficial Owner and by Industry of Affiliate, 1995

	Number of affiliates	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
All countries, all industries	**12,497**	**2,383,612**	**1,561,879**	**15,608**	**326,955**	**4,928.3**	**136,702**	**254,895**
By country								
Canada	1,285	267,378	141,292	2,446	36,532	703.7	5,402	13,565
Europe	5,363	1,327,437	832,286	14,273	202,361	2,991.0	59,344	86,349
France	668	232,662	111,966	1,053	24,178	348.2	14,882	11,255
Germany	1,291	210,408	161,099	1,331	37,182	580.6	12,308	27,753
Netherlands	394	154,877	98,084	2,790	28,013	334.2	5,357	8,730
Switzerland	603	229,335	92,343	–137	18,624	308.3	6,398	7,847
United Kingdom	1,205	381,241	264,355	8,101	71,049	986.5	11,728	14,367
Latin America and Other Western Hemisphere	1,078	53,830	52,067	917	13,345	166.6	6,193	10,126
Brazil	75	8,661	3,903	89	213	4.3	866	1,310
Mexico	265	9,593	8,540	–20	1,798	35.6	661	2,182
Africa	68	(D)	10,495	345	2,393	20.8	551	723
Middle East	414	25,516	18,121	–198	4,861	46.6	641	4,628
Asia and Pacific	4,212	598,404	489,928	–5,027	62,558	954.6	63,933	138,425
Australia	172	37,003	22,209	–577	4,211	73.6	877	1,110
Japan	3,241	519,577	418,656	–3,621	52,000	758.2	55,519	119,942
United States	77	(D)	17,690	2,851	4,904	44.9	638	1,079
By industry								
Petroleum	240	104,358	131,889	2,419	30,525	105.7	9,956	19,522
Manufacturing	2,896	587,049	562,151	9,824	156,991	2,276.8	55,561	81,790
Food and kindred products	252	57,195	50,879	632	12,229	228.6	2,790	3,238
Chemicals and allied products	331	191,614	131,892	3,903	39,768	407.1	13,778	13,582
Primary and fabricated metals	396	55,979	70,086	1,547	17,804	246.9	3,988	8,018
Machinery	739	96,130	123,167	176	32,163	541.6	18,861	29,219
Other manufacturing	1,178	186,132	186,128	3,566	55,028	852.6	16,144	27,734
Wholesale trade	2,228	222,616	466,192	174	39,135	455.5	65,500	148,735
Retail trade	353	47,982	93,624	759	23,951	759.1	1,793	3,742
Finance, except depository institutions	874	568,216	45,074	1,392	2,910	45.3	18	25
Insurance	167	514,601	88,149	3,570	8,557	148.2	0	0
Real estate	3,494	96,852	14,184	–2,283	5,574	24.9	9	1
Services	1,250	110,674	59,264	–1,975	23,753	633.0	492	690
Other industries	995	131,264	101,352	1,729	35,561	479.9	3,372	389

D Suppressed to avoid disclosure of data of individual companies.

NOTE.—The data in this table are from tables A1 and A2 in *Foreign Direct Investment in the United States: Operations of U.S. Affiliates of Foreign Companies, Preliminary 1995 Estimates.*

H. International Perspectives

Table H.1.—International Perspectives

	1995	1996	1996						1997							
			July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
	Exchange rates per U.S. dollar (not seasonally adjusted)															
Canada (Can.$/US$)	1.3725	1.3638	1.3697	1.3722	1.3694	1.3508	1.3381	1.3622	1.3494	1.3556	1.3725	1.3942	1.3804	1.3843	1.3775	1.3872
France (FFr/US$)	4.9864	5.1158	5.0881	5.0636	5.1307	5.1652	5.1156	5.2427	5.4145	5.6536	5.7154	5.7672	5.7482	5.8293	6.0511	6.2010
Germany (DM/US$)	1.4321	1.5049	1.5025	1.4826	1.5080	1.5277	1.5118	1.5525	1.6047	1.6747	1.6946	1.7119	1.7048	1.7277	1.7939	1.8400
Italy (L/US¢)	16.2945	15.4276	15.2682	15.1662	15.2048	15.2382	15.1366	15.2844	15.6791	16.5500	16.9121	16.9452	16.8433	16.9454	17.4591	17.9712
Japan (¥/US¢)	.9396	1.0878	1.0919	1.0787	1.0993	1.1241	1.1230	1.1398	1.1791	1.2296	1.2277	1.2564	1.1919	1.1429	1.1538	1.1793
Mexico (Peso/US$)	6.4467	7.6004	7.6179	7.5143	7.5441	7.7345	7.9119	7.8769	7.8289	7.8023	7.9562	7.9059	7.9037	7.9498	7.8679	7.7818
United Kingdom (US$/£)	1.5785	1.5607	1.5530	1.5499	1.5593	1.5863	1.6623	1.6639	1.6585	1.6285	1.6096	1.6293	1.6322	1.6449	1.6694	1.6035
Addendum:																
Exchange value of the U.S. dollar [1]	84.25	87.34	87.25	86.54	87.46	87.99	86.98	88.71	91.01	94.52	95.60	96.39	95.29	95.42	97.48	99.96
	Unemployment rates (percent, seasonally adjusted)															
Canada	9.6	9.7	9.9	9.5	10.0	10.0	10.0	9.7	9.7	9.7	9.3	9.6	9.5	9.1	9.0	9.0
France	11.6	12.3	12.4	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.6	12.5	12.5
Germany	9.4	10.4	10.3	10.4	10.5	10.6	10.8	10.9	11.2	11.3	11.2	11.2	11.4	11.4	11.5	11.6
Italy	12.0	12.1	...	12.1	...	...	12.0	...	...	12.2	...	...	12.4	...	...	12.1
Japan	3.1	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.3	3.6	3.5	3.4	3.4
Mexico	6.3	5.5	5.4	5.0	5.2	5.2	5.2	5.0	4.5	4.2	4.2	4.2	4.0	3.9	3.8	3.4
United Kingdom	8.2	7.5	7.6	7.5	7.4	7.2	6.9	6.7	6.5	6.2	6.1	5.9	5.8	5.7	5.5	5.3
Addendum:																
United States	5.6	5.4	5.4	5.2	5.2	5.2	5.3	5.3	5.4	5.3	5.2	4.9	4.8	5.0	4.8	4.9
	Consumer prices (seasonally adjusted, 1990=100)															
Canada	111.8	113.5	113.5	113.6	113.8	114.0	114.5	114.5	114.8	114.9	115.2	115.2	115.3	115.5	115.5	115.7
France	111.6	113.8	113.9	113.6	114.0	114.3	114.2	114.4	114.7	114.9	115.0	115.0	115.2	115.2	115.0	115.3
Germany (1991=100)	114.8	116.5	117.0	116.9	116.8	116.8	116.7	117.0	117.6	118.1	117.9	117.9	118.4	118.6	119.2	119.3
Italy	127.7	132.7	132.9	133.0	133.2	133.4	133.9	133.9	134.3	134.6	134.8	135.1	135.3	135.3	135.3	135.5
Japan	107.0	107.1	107.4	107.1	107.1	107.2	107.3	107.5	107.5	107.5	107.4	109.1	109.2	109.6	109.5	109.3
Mexico	224.5	301.7	305.2	309.3	314.2	318.2	323.0	333.3	341.9	347.6	352.0	355.8	359.0	362.2	365.3	368.6
United Kingdom	118.2	121.1	120.8	121.4	121.9	121.9	122.0	122.4	122.4	122.9	123.2	123.9	124.4	124.9	124.9	125.7
Addendum:																
United States	116.6	120.0	120.2	120.5	120.8	121.2	121.5	121.8	122.0	122.3	122.4	122.5	122.5	122.7	122.9	123.1
	Real gross domestic product (percent change from preceding quarter, seasonally adjusted at annual rates)															
Canada	2.3	1.5	...	3.3	...	...	2.9	...	...	3.7	...	...	4.9	...	...	...
France	2.1	1.5	...	3.3	...	...	.9	...	...	1.0	...	...	4.0	...	...	...
Germany	1.9	1.4	...	2.2	...	...	.7	...	...	1.2	...	...	4.1	...	...	...
Italy	3.0	.6	...	2.9	...	...	–.6	...	...	–1.1	...	...	6.5	...	...	...
Japan	1.4	3.5	...	1.3	...	...	3.8	...	...	5.7	...	...	–11.2	...	...	...
Mexico	–6.2	5.1	...	7.4	...	...	6.0	...	...	3.3	...	...	19.4	...	...	...
United Kingdom	2.7	2.3	...	2.2	...	...	4.3	...	...	3.7	...	...	4.1	...	...	...
Addendum:																
United States	2.0	2.8	...	1.0	...	...	4.3	...	...	4.9	...	...	3.3	...	...	3.5

See footnotes at end of table.

Table H.1.—International Perspectives—Continued

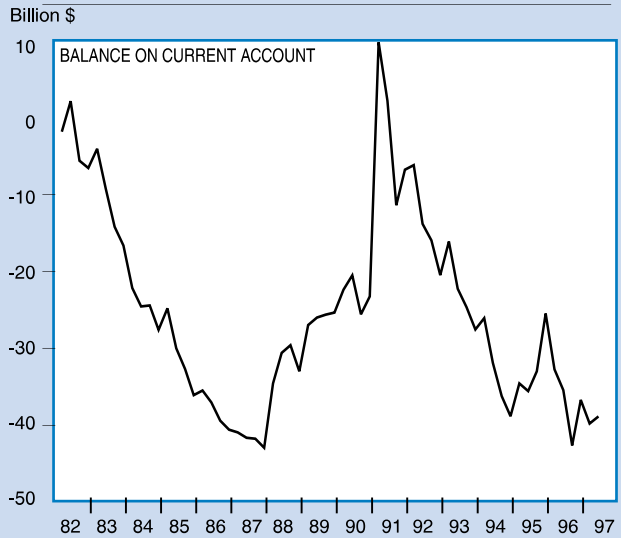
	1995	1996	1996						1997							
			July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
	Short-term, 3-month, interest rates (percent, not seasonally adjusted)															
Canada	7.07	4.43	4.69	4.24	4.06	3.49	3.00	3.08	3.11	3.10	3.20	3.41	3.29	3.22	3.51	3.63
France	6.58	3.94	3.84	3.96	3.75	3.51	3.47	3.44	3.35	3.33	3.36	3.40	3.48	3.43	3.39	3.43
Germany	4.53	3.31	3.38	3.29	3.12	3.12	3.19	3.23	3.14	3.19	3.26	3.23	3.17	3.14	3.14	3.26
Italy	10.46	8.82	8.75	8.81	8.44	8.02	7.41	7.25	7.23	7.36	7.43	7.13	6.83	6.88	6.89	6.87
Japan	1.23	.59	.68	.64	.54	.52	.52	.52	.53	.55	.56	.56	.58	.61	.67	.59
Mexico	48.24	32.91	31.66	29.16	27.79	27.68	28.94	26.51	24.60	21.96	22.32	22.37	20.59	21.40	19.40	20.15
United Kingdom	6.68	6.02	5.73	5.75	5.76	5.94	6.29	6.34	6.32	6.19	6.20	6.37	6.45	6.66	6.95	7.15
Addendum:																
United States	5.51	5.02	5.19	5.09	5.15	5.01	5.03	4.87	5.05	5.00	5.14	5.17	5.13	4.92	5.07	5.13
	Long-term interest rates, government bond yields (percent, not seasonally adjusted)															
Canada	8.36	7.54	7.92	7.57	7.64	7.00	6.48	6.81	6.99	6.74	6.92	7.09	6.90	6.63	6.30	6.30
France	7.66	6.51	6.59	6.62	6.20	6.11	5.79	5.82	5.69	5.39	5.80	5.93	5.96	5.67	5.50	5.65
Germany	6.80	6.10	6.40	6.20	6.10	5.90	5.80	5.70	5.70	5.40	5.60	5.70	5.60	5.60	5.40	5.50
Italy	11.79	8.85	8.82	8.92	8.62	7.78	7.15	6.95	6.76	6.93	7.55	7.37	7.02	6.82	6.38	6.53
Japan	3.21	2.98	3.32	2.96	2.81	2.51	2.44	2.57	2.38	2.40	2.27	2.36	2.55	2.37	2.12	2.01
Mexico	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
United Kingdom	8.25	8.10	8.25	8.15	8.16	7.88	7.81	7.70	7.74	7.38	7.62	7.77	7.22	7.17	6.96	7.01
Addendum:																
United States	6.57	6.44	6.87	6.64	6.83	6.53	6.20	6.30	6.58	6.42	6.69	6.89	6.71	6.49	6.22	6.30
	Share price indices (not seasonally adjusted, 1990=100)															
Canada	130.0	154.0	144.0	150.0	155.0	164.0	176.0	173.0	179.0	180.0	171.0	175.0	187.0	188.0	201.0	193.0
France	103.0	118.0	116.0	114.0	116.0	121.0	125.0	128.0	135.0	145.0	148.0	145.0	149.0	151.0	161.0	161.0
Germany	102.4	115.6	114.0	115.0	116.7	120.3	121.9	124.9	130.0	138.9	145.8	145.7	154.4	160.2	174.8	176.4
Italy	95.0	96.0	97.0	93.0	92.0	96.0	99.0	100.0	114.0	119.0	114.0	116.0	119.0	123.0	138.0	.....
Japan	63.0	74.0	75.0	73.0	72.0	73.0	72.0	69.0	63.0	64.0	63.0	63.0	68.0	70.0	70.0	68.0
Mexico	389.3	554.8	527.4	579.8	567.6	563.6	577.3	589.5	639.7	673.7	657.4	658.9	696.1	781.9	888.9	815.3
United Kingdom	147.0	167.0	163.0	167.0	170.0	173.0	170.0	171.0	176.0	179.0	182.0	179.0	185.0	186.0	190.0	194.0
Addendum:																
United States	159.0	195.0	188.0	193.0	197.0	204.0	212.0	213.0	220.0	228.0	227.0	219.0	236.0	249.0	262.0	262.0

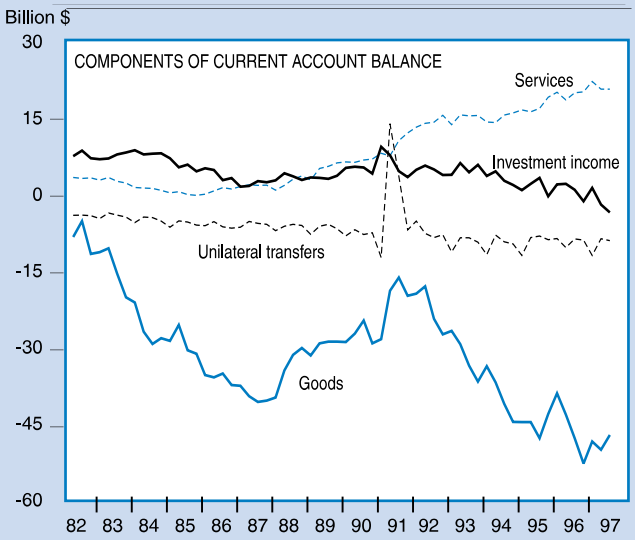
1. Index of weighted average exchange value of U.S. dollar against currencies of other G-10 countries. March 1973=100. Weights are 1972–76 global trade of each of the 10 countries. Series revised as of August 1978. For description and back data, see: ''Index of the weighted-average exchange value of the U.S. dollar: Revision'' on page 700 of the August 1978 *Federal Reserve Bulletin.*

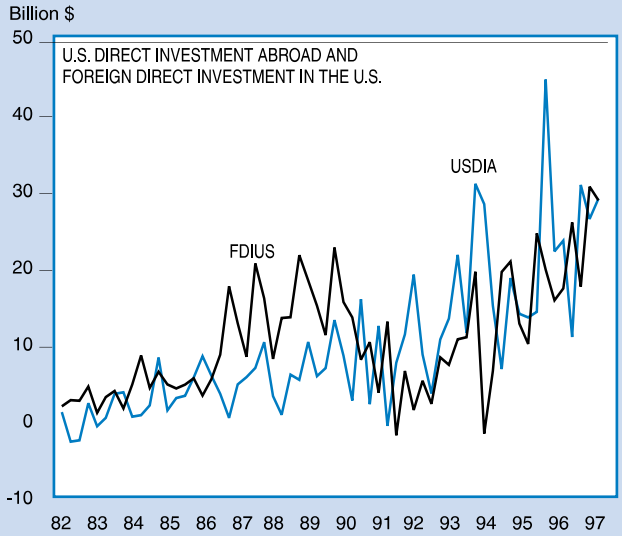
NOTE.—All exchange rates are from the Board of Governors of the Federal Reserve System. U.S. interest rates, unemployment rates, and GDP growth rates are from the Federal Reserve, the Bureau of Labor Statistics, and BEA, respectively. All other data (including U.S. consumer prices and U.S. share prices, both of which have been rebased to 1990 to facilitate comparison) are © OECD, October 1997, *OECD Main Economic Indicators* and are reproduced with permission of the OECD.

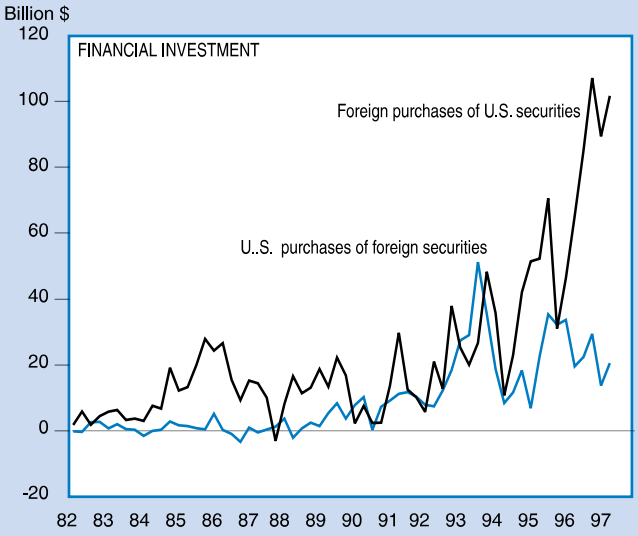
I. Charts

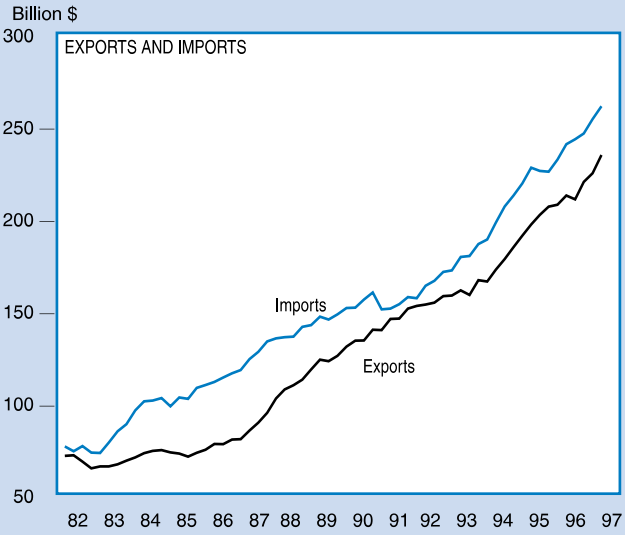
THE U.S. IN THE INTERNATIONAL ECONOMY

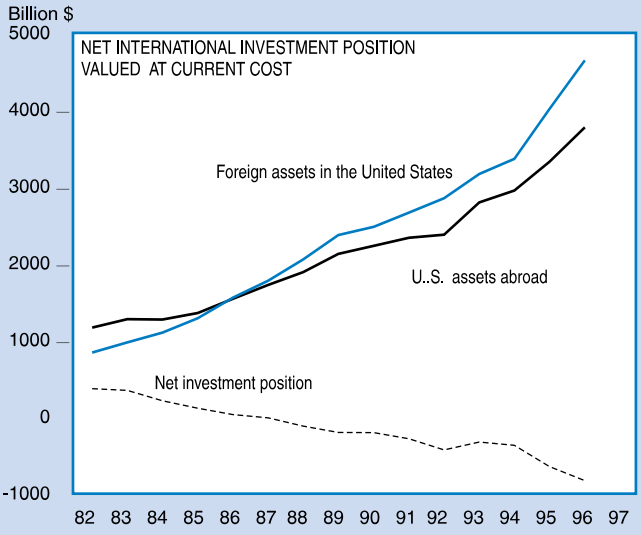












U.S. Department of Commerce, Bureau of Economic Analysis

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 diskettes or CD-ROM. For information on personal income, e-mail **reis.remd@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 and Nonfarm Personal Income for States and Regions

Area name	Personal income								Nonfarm personal income [1]							
	Millions of dollars						Percent change [2]		Millions of dollars						Percent change [2]	
	1995	1996	1996		1997		1996:IV-1997:I	1997:I-1997:II	1995	1996	1996		1997		1996:IV-1997:I	1997:I-1997:II
			III	IV	I	II					III	IV	I	II		
United States	**6,137,875**	**6,479,914**	**6,526,017**	**6,602,689**	**6,730,234**	**6,813,131**	**1.9**	**1.2**	**6,103,443**	**6,433,265**	**6,476,984**	**6,553,152**	**6,680,685**	**6,760,004**	**1.9**	**1.2**
New England	**368,398**	**387,042**	**388,521**	**394,993**	**403,147**	**408,517**	**2.1**	**1.3**	**367,830**	**386,389**	**387,823**	**394,302**	**402,496**	**407,790**	**2.1**	**1.3**
Connecticut	105,778	110,916	111,178	112,912	116,025	117,084	2.8	.9	105,608	110,730	110,977	112,709	115,850	116,879	2.8	.9
Maine	24,966	26,124	26,251	26,669	27,066	27,373	1.5	1.1	24,885	26,015	26,139	26,559	26,954	27,257	1.5	1.1
Massachusetts	172,008	181,505	182,334	185,678	189,315	192,335	2.0	1.6	171,864	181,352	182,171	185,515	189,162	192,162	2.0	1.6
New Hampshire	29,510	30,939	31,109	31,584	31,986	32,509	1.3	1.6	29,468	30,894	31,062	31,537	31,939	32,458	1.3	1.6
Rhode Island	23,541	24,331	24,341	24,743	25,111	25,371	1.5	1.0	23,506	24,302	24,310	24,712	25,079	25,335	1.5	1.0
Vermont	12,595	13,227	13,307	13,407	13,644	13,845	1.8	1.5	12,499	13,097	13,164	13,270	13,511	13,698	1.8	1.4
Mideast	**1,200,373**	**1,258,684**	**1,264,426**	**1,280,913**	**1,304,164**	**1,317,041**	**1.8**	**1.0**	**1,198,886**	**1,256,536**	**1,262,188**	**1,278,616**	**1,301,926**	**1,314,692**	**1.8**	**1.0**
Delaware	18,757	20,095	20,252	20,735	20,809	21,240	.4	2.1	18,669	19,976	20,129	20,595	20,670	21,103	.4	2.1
District of Columbia	18,021	18,539	18,629	18,787	19,011	19,086	1.2	.4	18,021	18,539	18,629	18,787	19,011	19,086	1.2	.4
Maryland	133,769	140,068	140,748	142,657	145,502	147,033	2.0	1.1	133,576	139,750	140,410	142,311	145,157	146,680	2.0	1.0
New Jersey	239,052	250,295	251,460	254,430	259,310	261,436	1.9	.8	238,800	250,033	251,186	254,144	259,032	261,141	1.9	.8
New York	505,812	530,655	532,396	540,159	550,884	556,314	2.0	1.0	505,424	530,113	531,843	539,608	550,329	555,744	2.0	1.0
Pennsylvania	284,963	299,031	300,941	304,145	308,649	311,931	1.5	1.1	284,396	298,124	299,990	303,171	307,726	310,939	1.5	1.0
Great Lakes	**1,022,736**	**1,071,792**	**1,080,212**	**1,088,807**	**1,107,534**	**1,120,394**	**1.7**	**1.2**	**1,020,239**	**1,067,296**	**1,075,483**	**1,084,008**	**1,102,662**	**1,115,529**	**1.7**	**1.2**
Illinois	301,718	318,061	320,221	323,827	329,850	334,400	1.9	1.4	301,300	316,357	318,444	321,971	327,876	332,586	1.8	1.4
Indiana	125,805	132,001	133,113	134,643	136,275	137,988	1.2	1.3	125,504	131,105	132,162	133,730	135,346	137,019	1.2	1.2
Michigan	229,544	239,330	241,129	242,326	246,708	248,911	1.8	.9	228,856	238,872	240,650	241,835	246,210	248,389	1.8	.9
Ohio	251,041	262,077	264,418	265,610	270,413	272,994	1.8	1.0	250,221	261,128	263,411	264,609	269,479	272,000	1.8	.9
Wisconsin	114,628	120,325	121,331	122,402	124,288	126,100	1.5	1.5	114,358	119,834	120,816	121,862	123,751	125,535	1.5	1.4
Plains	**404,044**	**432,418**	**436,027**	**440,502**	**446,979**	**452,802**	**1.5**	**1.3**	**399,233**	**421,676**	**424,782**	**428,965**	**435,259**	**440,621**	**1.5**	**1.2**
Iowa	59,143	63,613	64,071	64,608	65,628	66,542	1.6	1.4	57,653	60,568	60,911	61,393	62,213	63,158	1.3	1.5
Kansas	56,218	59,585	59,992	60,546	61,481	62,199	1.5	1.2	55,514	58,467	58,829	59,347	60,296	60,966	1.6	1.1
Minnesota	111,031	119,530	120,959	122,079	122,606	124,582	.4	1.6	110,347	117,735	119,032	120,228	120,765	122,559	.4	1.5
Missouri	116,752	123,366	124,035	125,633	128,420	129,909	2.2	1.2	116,681	122,555	123,197	124,799	127,582	129,023	2.2	1.1
Nebraska	35,055	37,862	38,117	38,681	39,561	39,840	2.3	.7	33,763	35,704	35,943	36,220	37,101	37,285	2.4	.5
North Dakota	11,865	13,159	13,347	13,338	13,503	13,695	1.2	1.4	11,744	12,395	12,512	12,550	12,700	12,864	1.2	1.3
South Dakota	13,981	15,303	15,505	15,617	15,780	16,035	1.0	1.6	13,530	14,252	14,359	14,427	14,601	14,765	1.2	1.1
Southeast	**1,339,811**	**1,416,289**	**1,427,939**	**1,443,187**	**1,473,278**	**1,492,349**	**2.1**	**1.3**	**1,328,685**	**1,403,090**	**1,413,833**	**1,429,179**	**1,459,077**	**1,476,567**	**2.1**	**1.2**
Alabama	82,067	86,021	86,740	87,568	89,017	89,877	1.7	1.0	81,338	85,135	85,808	86,605	87,963	88,835	1.6	1.0
Arkansas	45,039	47,584	48,005	48,436	49,006	50,124	1.2	2.3	43,635	45,737	46,084	46,402	47,076	47,704	1.5	1.3
Florida	328,067	348,849	351,320	355,118	362,659	368,286	2.1	1.6	326,103	347,076	349,488	353,278	360,805	366,165	2.1	1.5
Georgia	157,875	168,959	170,891	172,857	176,972	179,521	2.4	1.4	156,100	167,007	168,819	170,657	174,833	177,269	2.4	1.4
Kentucky	72,739	76,885	77,707	78,235	79,910	80,940	2.1	1.3	72,071	75,800	76,350	77,212	78,816	79,675	2.1	1.1
Louisiana	82,252	85,548	86,111	86,892	88,472	89,159	1.8	.8	81,763	84,907	85,377	86,257	87,836	88,471	1.8	.7
Mississippi	45,147	47,735	48,188	48,402	49,258	49,795	1.8	1.1	44,651	46,892	47,274	47,516	48,353	48,811	1.8	.9
North Carolina	152,601	162,602	163,920	166,616	170,636	172,915	2.4	1.3	150,054	159,632	160,815	163,449	167,322	169,267	2.4	1.2
South Carolina	70,208	73,890	74,607	75,377	76,822	77,859	1.9	1.3	69,878	73,465	74,165	74,929	76,358	77,390	1.9	1.4
Tennessee	111,674	116,760	117,626	118,806	121,399	122,963	2.2	1.3	111,425	116,449	117,311	118,492	121,088	122,617	2.2	1.3
Virginia	160,141	168,300	169,444	171,277	175,261	176,702	2.3	.8	159,680	167,821	168,949	170,768	174,751	176,151	2.3	.8
West Virginia	32,001	33,155	33,381	33,603	33,867	34,209	.8	1.0	31,988	33,169	33,391	33,612	33,874	34,211	.8	1.0
Southwest	**580,326**	**617,538**	**623,327**	**630,151**	**645,319**	**653,841**	**2.4**	**1.3**	**576,749**	**614,166**	**619,858**	**626,743**	**641,886**	**650,142**	**2.4**	**1.3**
Arizona	87,518	94,596	95,623	96,709	99,120	101,217	2.5	2.1	86,831	93,908	94,873	96,005	98,393	100,384	2.5	2.0
New Mexico	30,781	32,217	32,367	32,526	33,300	33,596	2.4	.9	30,445	31,865	31,992	32,156	32,911	33,155	2.3	.7
Oklahoma	61,343	64,514	65,003	65,541	66,982	67,304	2.2	.5	60,992	64,154	64,644	65,184	66,620	66,921	2.2	.5
Texas	400,683	426,212	430,334	435,376	445,917	451,724	2.4	1.3	398,481	424,239	428,349	433,397	443,963	449,682	2.4	1.3
Rocky Mountain	**176,490**	**188,316**	**190,154**	**192,566**	**196,424**	**198,677**	**2.0**	**1.1**	**174,679**	**186,417**	**188,195**	**190,582**	**194,514**	**196,609**	**2.1**	**1.1**
Colorado	91,766	98,258	99,191	100,578	102,492	103,657	1.9	1.1	91,203	97,614	98,520	99,909	101,839	102,938	1.9	1.1
Idaho	22,368	23,591	23,795	23,877	24,354	24,732	2.0	1.6	21,695	22,824	22,999	23,084	23,620	23,944	2.3	1.4
Montana	16,157	16,896	17,017	17,213	17,292	17,533	.5	1.4	15,831	16,650	16,773	16,947	17,023	17,241	.5	1.3
Utah	36,166	39,199	39,697	40,397	41,505	41,915	2.7	1.0	35,998	39,018	39,508	40,210	41,321	41,718	2.8	1.0
Wyoming	10,035	10,371	10,453	10,501	10,781	10,841	2.7	.6	9,951	10,310	10,394	10,433	10,711	10,768	2.7	.5
Far West	**1,045,697**	**1,107,835**	**1,115,412**	**1,131,570**	**1,153,389**	**1,169,511**	**1.9**	**1.4**	**1,037,142**	**1,097,695**	**1,104,822**	**1,120,756**	**1,142,865**	**1,158,054**	**2.0**	**1.3**
Alaska	14,563	14,810	14,826	14,894	15,047	15,257	1.0	1.4	14,553	14,801	14,817	14,885	15,038	15,248	1.0	1.4
California	764,435	807,975	812,716	825,321	839,867	851,850	1.8	1.4	757,869	800,556	804,963	817,380	832,138	843,382	1.8	1.4
Hawaii	29,593	30,072	30,150	30,169	30,549	30,694	1.3	.5	29,405	29,888	29,966	29,984	30,362	30,505	1.3	.5
Nevada	37,951	41,699	42,207	43,050	44,029	44,950	2.3	2.1	37,900	41,647	42,151	42,996	43,976	44,895	2.3	2.1
Oregon	68,806	73,922	74,683	75,735	77,511	78,279	2.3	1.0	68,282	73,180	73,920	74,951	76,732	77,461	2.4	.9
Washington	130,350	139,356	140,830	142,401	146,386	148,481	2.8	1.4	129,132	137,623	139,004	140,560	144,619	146,565	2.9	1.3

1. Nonfarm personal income is personal income less farm earnings. Farm earnings consists of proprietors' net income; the cash wages, pay-in-kind, and other labor income of farm employees; and the salaries of officers of corporate farms.

2. Percent changes are expressed at quarterly rates and are calculated from seasonally-adjusted 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 national income and product accounts (NIPA) estimate of personal income 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. It can also differ from the NIPA estimate because of different data sources and revision schedules.

Source: Tables 1 and 5 in "State Personal Income, Revised Estimates for 1958-96" in the October 1997 SURVEY OF CURRENT BUSINESS and tables 1 and 2 in "Personal Income by State and Region, Second Quarter 1997" in this issue of the SURVEY.

Table J.2.—Percent of Personal Income for Selected Components for States and Regions

Area name	Personal income			Percent of personal income								
	Millions of dollars			Net earnings by place of residence [1]			Dividends, interest, and rent			Transfer payments		
	1969	1980	1996	1969	1980	1996	1969	1980	1996	1969	1980	1996
United States	**772,952**	**2,286,358**	**6,479,914**	**76.8**	**69.9**	**65.4**	**14.1**	**16.0**	**18.1**	**9.1**	**14.1**	**16.5**
New England	**49,668**	**132,440**	**387,042**	**74.2**	**69.0**	**65.5**	**16.6**	**16.9**	**19.2**	**9.2**	**14.1**	**15.3**
Connecticut	14,564	38,361	110,916	75.5	70.8	66.8	17.4	18.4	19.9	7.1	10.8	13.4
Maine	3,122	9,356	26,124	74.4	66.8	61.4	14.2	15.1	18.3	11.3	18.1	20.3
Massachusetts	24,178	61,945	181,505	73.1	68.5	65.6	16.9	16.3	19.0	10.0	15.2	15.4
New Hampshire	2,733	9,166	30,939	76.3	71.4	67.5	15.1	16.3	19.4	8.5	12.3	13.1
Rhode Island	3,590	9,189	24,331	74.6	66.2	61.7	14.6	16.3	18.2	10.8	17.5	20.1
Vermont	1,481	4,423	13,227	74.6	67.5	63.4	14.9	17.1	20.9	10.5	15.5	15.7
Mideast	**182,568**	**460,339**	**1,258,684**	**75.4**	**68.5**	**63.8**	**15.2**	**16.2**	**18.7**	**9.4**	**15.3**	**17.5**
Delaware	2,400	6,315	20,095	76.4	72.6	66.1	17.3	15.0	19.6	6.3	12.5	14.3
District of Columbia	3,473	7,922	18,539	74.3	63.5	61.8	13.7	14.0	17.5	12.0	22.5	20.7
Maryland	16,187	46,192	140,068	80.0	72.2	66.8	12.5	14.8	18.1	7.5	13.0	15.0
New Jersey	32,201	86,872	250,295	77.6	70.8	66.3	14.8	16.8	20.3	7.6	12.4	13.5
New York	83,489	193,986	530,655	72.8	66.6	62.6	16.9	17.3	18.3	10.3	16.1	19.1
Pennsylvania	44,816	119,050	299,031	76.9	68.6	62.6	13.3	14.9	18.4	9.8	16.5	19.0
Great Lakes	**160,631**	**426,065**	**1,071,792**	**78.9**	**70.8**	**66.7**	**13.3**	**15.3**	**17.7**	**7.7**	**13.9**	**15.5**
Illinois	48,262	126,025	318,061	78.2	70.6	66.7	14.4	16.6	19.1	7.5	12.7	14.2
Indiana	19,035	51,230	132,001	81.0	72.0	68.9	11.7	15.2	16.2	7.3	12.8	14.9
Michigan	35,848	95,312	239,330	79.7	70.7	67.0	12.6	14.0	17.5	7.7	15.4	15.4
Ohio	41,297	106,854	262,077	79.0	70.9	65.4	13.1	14.7	16.9	7.9	14.4	17.7
Wisconsin	16,190	46,644	120,325	77.0	70.2	66.9	14.0	15.5	18.1	8.9	14.3	15.0
Plains	**57,805**	**163,679**	**432,418**	**76.6**	**68.4**	**66.0**	**14.2**	**18.0**	**18.5**	**9.2**	**13.6**	**15.5**
Iowa	10,187	27,655	63,613	76.1	66.8	66.0	15.0	19.9	18.3	8.9	13.3	15.7
Kansas	7,910	23,538	59,585	76.9	69.1	65.7	13.7	17.8	19.1	9.4	13.1	15.2
Minnesota	14,111	41,497	119,530	77.3	71.3	68.5	13.9	16.0	17.6	8.9	12.8	13.9
Missouri	16,495	46,116	123,366	76.7	67.7	63.7	14.0	17.7	19.4	9.4	14.6	16.9
Nebraska	5,264	14,364	37,862	75.7	67.5	67.2	15.6	19.5	18.2	8.7	13.0	14.6
North Dakota	1,862	5,081	13,159	75.5	61.9	63.8	14.4	22.9	18.3	10.1	15.2	17.9
South Dakota	1,975	5,428	15,303	76.3	64.4	64.8	13.4	20.3	18.2	10.2	15.3	17.0
Southeast	**133,575**	**454,253**	**1,416,289**	**77.8**	**69.1**	**63.9**	**12.5**	**15.5**	**18.0**	**9.7**	**15.5**	**18.1**
Alabama	9,431	30,179	86,021	79.5	70.8	65.2	9.9	12.1	14.7	10.5	17.1	20.1
Arkansas	5,021	17,129	47,584	75.7	66.1	64.6	11.6	15.1	14.7	12.7	18.8	20.8
Florida	24,311	97,999	348,849	68.8	60.0	55.7	20.5	23.8	25.6	10.7	16.3	18.7
Georgia	14,431	46,264	168,959	80.7	73.0	69.6	10.9	13.1	15.7	8.5	13.9	14.7
Kentucky	9,418	29,734	76,885	78.7	70.3	64.5	10.6	13.4	15.6	10.7	16.3	19.9
Louisiana	10,472	37,086	85,548	78.3	73.4	63.5	11.6	13.3	15.0	10.1	13.3	21.5
Mississippi	5,294	17,521	47,735	79.3	69.7	64.4	9.4	12.1	12.9	11.3	18.2	22.7
North Carolina	15,236	47,736	162,602	81.9	73.1	68.0	10.1	12.8	15.5	8.0	14.0	16.6
South Carolina	7,204	23,964	73,890	82.0	72.9	66.0	9.4	11.8	15.1	8.6	15.3	18.9
Tennessee	11,530	37,479	116,760	80.2	71.7	67.9	10.5	13.0	14.2	9.3	15.3	17.9
Virginia	16,359	53,443	168,300	80.2	71.8	67.1	11.7	14.6	18.6	8.1	13.6	14.3
West Virginia	4,868	15,720	33,155	76.3	68.2	59.0	10.6	12.3	15.4	13.0	19.4	25.6
Southwest	**54,463**	**207,671**	**617,538**	**77.6**	**73.0**	**68.1**	**13.4**	**15.1**	**15.8**	**9.0**	**11.8**	**16.1**
Arizona	6,023	25,626	94,596	74.3	68.0	64.3	16.1	17.8	18.4	9.6	14.2	17.3
New Mexico	2,940	10,807	32,217	77.2	70.6	63.7	12.3	14.4	16.2	10.5	15.0	20.1
Oklahoma	8,089	28,764	64,514	75.3	70.9	63.5	13.0	15.1	16.2	11.7	14.0	20.2
Texas	37,411	142,474	426,212	78.7	74.6	70.0	13.1	14.7	15.1	8.2	10.8	15.0
Rocky Mountain	**16,932**	**63,593**	**188,316**	**76.6**	**72.4**	**67.9**	**14.3**	**15.9**	**17.9**	**9.2**	**11.7**	**14.3**
Colorado	8,036	31,261	98,258	75.4	72.9	68.5	15.6	16.3	18.6	9.0	10.8	12.9
Idaho	2,286	8,130	23,591	78.4	70.5	66.9	12.3	16.2	17.2	9.3	13.3	15.9
Montana	2,243	6,945	16,896	75.0	66.0	58.9	14.6	19.2	21.1	10.4	14.9	19.9
Utah	3,196	11,808	39,199	79.2	74.6	72.2	11.9	13.0	13.9	8.9	12.4	13.8
Wyoming	1,171	5,448	10,371	76.3	76.3	61.8	15.4	15.3	22.3	8.3	8.4	15.9
Far West	**117,309**	**378,319**	**1,107,835**	**75.5**	**70.3**	**65.8**	**14.8**	**16.6**	**18.6**	**9.7**	**13.1**	**15.6**
Alaska	1,374	5,611	14,810	87.2	83.0	67.8	8.0	8.6	13.9	4.9	8.4	18.3
California	89,193	281,590	807,975	74.9	70.0	65.7	15.1	16.9	18.8	10.0	13.1	15.5
Hawaii	3,332	10,563	30,072	79.2	73.0	66.1	14.3	14.6	17.7	6.5	12.3	16.2
Nevada	2,157	9,420	41,699	79.6	73.3	68.0	13.3	15.3	18.3	7.1	11.4	13.7
Oregon	7,573	26,315	73,922	75.5	68.6	64.5	14.8	17.3	19.2	9.7	14.1	16.3
Washington	13,681	44,820	139,356	76.8	70.7	65.9	13.9	15.7	18.3	9.3	13.6	15.7

1. Net earnings by place of residence is earnings by place of work—the sum of wage and salary disbursements, other labor income, and proprietors' income—less personal contributions for social insurance plus the adjustment for residence.

Source: The CD-ROM, "State Personal Income, 1958-1996," September 1997.

Table J.3.—Per Capita Personal Income and Per Capita Disposable Personal Income for States and Regions, 1994-96

Area name	Per capita personal income [1]				Per capita disposable personal income [1]			
	Dollars			Rank in U.S.	Dollars			Rank in U.S.
	1994	1995	1996	1996	1994	1995	1996	1996
United States	**22,180**	**23,348**	**24,426**	.....	**19,345**	**20,327**	**21,087**	.....
New England	**26,040**	**27,688**	**28,989**	.....	**22,284**	**23,582**	**24,387**	.....
Connecticut	30,462	32,341	33,875	1	25,722	27,063	27,913	1
Maine	19,277	20,157	21,011	36	17,036	17,842	18,469	37
Massachusetts	26,522	28,332	29,792	3	22,486	23,901	24,810	3
New Hampshire	24,250	25,700	26,615	8	21,599	22,836	23,416	7
Rhode Island	22,383	23,738	24,572	18	19,638	20,856	21,457	18
Vermont	20,299	21,538	22,470	29	17,878	19,036	19,743	28
Mideast	**25,613**	**26,968**	**28,242**	.....	**22,000**	**23,136**	**24,028**	.....
Delaware	24,748	26,159	27,724	5	21,215	22,417	23,549	5
District of Columbia	31,327	32,499	34,129	.....	26,702	27,780	29,195	.....
Maryland	25,405	26,547	27,618	6	21,784	22,751	23,491	6
New Jersey	28,547	30,071	31,334	2	24,474	25,826	26,595	2
New York	26,332	27,806	29,181	4	22,412	23,612	24,583	4
Pennsylvania	22,471	23,628	24,803	17	19,672	20,635	21,514	15
Great Lakes	**22,342**	**23,575**	**24,575**	.....	**19,346**	**20,394**	**21,084**	.....
Illinois	24,230	25,590	26,848	7	20,922	22,054	22,928	8
Indiana	20,811	21,702	22,601	28	18,032	18,828	19,466	32
Michigan	22,692	24,066	24,945	16	19,699	20,877	21,474	17
Ohio	21,368	22,547	23,457	21	18,579	19,574	20,209	21
Wisconsin	21,192	22,379	23,320	22	18,211	19,228	19,854	25
Plains	**21,005**	**22,018**	**23,414**	.....	**18,325**	**19,147**	**20,211**	.....
Iowa	20,049	20,802	22,306	30	17,616	18,276	19,503	31
Kansas	20,819	21,929	23,165	23	18,221	19,114	20,015	23
Minnesota	22,904	24,061	25,663	11	19,504	20,388	21,482	16
Missouri	20,779	21,949	23,022	25	18,244	19,234	20,075	22
Nebraska	20,435	21,385	22,917	27	18,030	18,763	19,966	24
North Dakota	18,229	18,495	20,448	38	16,315	16,526	18,255	38
South Dakota	18,783	19,165	20,895	37	17,051	17,331	18,849	35
Southeast	**20,003**	**21,076**	**22,016**	.....	**17,674**	**18,593**	**19,288**	.....
Alabama	18,349	19,327	20,131	39	16,344	17,202	17,821	39
Arkansas	17,142	18,126	18,959	47	15,316	16,155	16,872	45
Florida	21,959	23,129	24,226	20	19,436	20,425	21,190	19
Georgia	20,686	21,901	22,977	26	18,072	19,102	19,852	26
Kentucky	17,949	18,860	19,797	42	15,801	16,576	17,305	42
Louisiana	18,135	18,960	19,664	43	16,356	17,083	17,605	40
Mississippi	15,931	16,745	17,575	50	14,504	15,260	15,986	50
North Carolina	19,979	21,188	22,205	32	17,423	18,467	19,256	33
South Carolina	18,138	19,146	19,977	40	16,116	16,934	17,584	41
Tennessee	20,120	21,284	21,949	33	18,096	19,113	19,577	30
Virginia	23,129	24,208	25,212	14	19,961	20,880	21,600	14
West Virginia	16,998	17,532	18,160	49	15,250	15,706	16,179	49
Southwest	**19,739**	**20,673**	**21,614**	.....	**17,630**	**18,459**	**19,146**	.....
Arizona	19,562	20,329	21,363	35	17,205	17,860	18,633	36
New Mexico	17,187	18,215	18,803	48	15,301	16,278	16,727	48
Oklahoma	18,039	18,731	19,544	45	15,985	16,614	17,217	44
Texas	20,308	21,311	22,282	31	18,224	19,114	19,815	27
Rocky Mountain	**20,286**	**21,467**	**22,490**	.....	**17,552**	**18,585**	**19,302**	.....
Colorado	23,109	24,487	25,704	10	19,829	21,034	21,849	12
Idaho	18,243	19,181	19,837	41	15,959	16,798	17,276	43
Montana	17,672	18,563	19,214	46	15,499	16,382	16,821	46
Utah	17,334	18,468	19,595	44	15,029	15,952	16,812	47
Wyoming	20,013	20,941	21,544	34	17,661	18,542	18,961	34
Far West	**22,867**	**24,052**	**25,173**	.....	**19,994**	**20,955**	**21,706**	.....
Alaska	23,487	24,170	24,398	19	20,364	21,002	21,050	20
California	23,022	24,217	25,346	13	20,158	21,087	21,826	13
Hawaii	24,278	25,095	25,404	12	21,012	21,978	22,065	10
Nevada	23,422	24,748	26,011	9	20,285	21,435	22,280	9
Oregon	20,575	21,851	23,074	24	17,530	18,698	19,612	29
Washington	22,755	23,927	25,187	15	20,112	21,138	22,057	11

1. Per capita personal income and per capita disposable personal income were computed using midyear population estimates of the Bureau of the Census.

NOTE.—The personal income level shown for the United States is derived as the sum of the State estimates. It differs from the national income and product accounts (NIPA) estimate of personal income 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. It can also differ from the NIPA estimate because of different data sources and revision schedules.

Source: Tables 2 and 4 in "State Personal Income, Revised Estimates for 1958–96" in the October 1997 SURVEY OF CURRENT BUSINESS.

Table J.4.—Gross State Product for States and Regions by Industry, 1994

[Millions of dollars]

State and region	Rank of total gross state product	Total gross state product	Farms	Agricultural services, forestry, and fishing	Mining	Construction	Manufacturing			Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Federal civilian government	Federal military government	State and local government
							Total	Durable goods	Nondurable goods								
United States		**6,835,641**	**82,197**	**35,651**	**90,058**	**269,232**	**1,197,098**	**673,139**	**523,959**	**606,354**	**461,863**	**609,908**	**1,273,678**	**1,342,720**	**182,651**	**79,948**	**604,284**
New England		**389,259**	**1,182**	**1,915**	**237**	**13,158**	**66,134**	**43,392**	**22,743**	**27,786**	**25,962**	**33,195**	**92,056**	**88,578**	**6,712**	**2,084**	**30,258**
Connecticut	21	110,449	280	504	38	3,646	18,612	12,231	6,381	7,744	7,328	8,813	30,138	22,939	1,510	579	8,319
Maine	42	26,069	221	267	12	1,142	4,639	2,200	2,439	1,864	1,510	3,159	4,742	4,816	827	342	2,528
Massachusetts	10	186,199	296	777	113	5,943	30,387	20,245	10,142	12,883	13,237	14,784	42,919	47,245	3,134	678	13,804
New Hampshire	40	29,393	94	138	29	1,031	6,053	4,336	1,718	2,327	1,742	2,913	6,502	5,723	448	67	2,326
Rhode Island	44	23,867	56	147	14	822	4,148	2,776	1,372	1,739	1,274	2,204	5,456	5,151	477	354	2,026
Vermont	50	13,282	234	82	31	574	2,296	1,605	691	1,229	872	1,323	2,299	2,704	317	65	1,256
Mideast		**1,327,798**	**4,504**	**4,012**	**2,355**	**45,626**	**183,235**	**85,106**	**98,129**	**114,721**	**86,894**	**100,291**	**321,733**	**294,563**	**46,598**	**7,278**	**115,987**
Delaware	41	26,697	221	75	4	889	5,397	1,486	3,911	1,354	1,046	1,513	10,414	3,419	358	273	1,733
District of Columbia		48,028	0	13	7	428	1,267	153	1,114	2,596	577	1,367	6,888	15,636	16,102	1,166	1,981
Maryland	16	132,703	601	610	111	6,536	11,442	5,676	5,766	11,144	8,199	11,787	29,253	29,531	9,956	2,117	11,416
New Jersey	8	254,945	479	864	152	9,261	36,841	12,144	24,698	25,750	23,374	19,096	57,125	54,124	4,186	832	22,862
New York	2	570,994	1,399	1,221	428	16,661	70,346	35,556	34,790	46,605	35,683	40,005	164,081	129,468	8,443	1,804	54,850
Pennsylvania	6	294,431	1,805	1,229	1,653	11,852	57,941	30,091	27,850	27,272	18,014	26,523	53,972	62,385	7,553	1,087	23,145
Great Lakes		**1,111,598**	**11,265**	**4,418**	**4,459**	**45,155**	**284,542**	**188,314**	**96,229**	**90,978**	**77,674**	**97,284**	**179,209**	**198,663**	**19,212**	**4,025**	**94,713**
Illinois	4	332,853	3,515	1,321	1,273	14,086	62,441	35,277	27,164	31,940	26,639	27,549	63,253	66,853	6,357	1,686	25,938
Indiana	15	138,190	1,839	531	753	6,493	41,843	29,115	12,728	11,407	8,382	12,734	18,448	21,325	2,725	479	11,229
Michigan	9	240,390	1,486	887	938	8,584	71,415	54,414	17,001	16,156	16,373	19,958	36,385	42,288	2,814	527	22,580
Ohio	7	274,844	2,121	1,039	1,238	10,583	73,887	48,605	25,282	22,592	18,534	25,922	41,404	47,899	5,225	1,032	23,366
Wisconsin	19	125,321	2,302	640	258	5,409	34,956	20,903	14,053	8,882	7,745	11,120	19,719	20,298	2,091	300	11,600
Plains		**455,013**	**17,428**	**2,562**	**2,466**	**19,202**	**88,359**	**49,443**	**38,916**	**43,306**	**34,207**	**41,979**	**69,161**	**79,879**	**10,786**	**4,102**	**41,575**
Iowa	29	68,298	4,238	553	156	2,700	16,699	9,775	6,924	5,388	4,718	5,966	9,632	10,090	1,263	191	6,706
Kansas	31	61,758	2,529	348	815	2,402	10,727	5,638	5,090	7,444	4,545	5,956	7,831	10,003	1,584	1,347	6,227
Minnesota	20	124,641	2,822	534	507	5,318	24,950	14,510	10,440	9,564	10,061	11,134	21,869	23,882	2,361	306	11,334
Missouri	17	128,216	1,751	563	356	5,823	27,017	14,477	12,540	13,476	9,406	12,493	18,734	24,172	3,549	892	9,985
Nebraska	36	41,357	3,160	308	98	1,714	6,031	3,088	2,944	4,559	3,147	3,488	5,937	6,724	1,104	587	4,500
North Dakota	49	13,494	1,286	84	349	588	979	534	445	1,496	1,255	1,291	1,673	2,302	358	494	1,341
South Dakota	46	17,250	1,642	173	185	657	1,956	1,422	534	1,378	1,076	1,652	3,487	2,706	567	288	1,483
Southeast		**1,478,627**	**20,175**	**7,841**	**21,509**	**60,747**	**282,972**	**126,435**	**156,537**	**143,740**	**97,808**	**144,130**	**226,278**	**263,453**	**45,781**	**31,101**	**133,092**
Alabama	25	88,661	1,512	460	1,184	3,496	19,398	9,593	9,805	8,821	5,515	8,926	10,860	14,045	4,173	1,411	8,861
Arkansas	33	50,575	2,035	315	382	1,846	12,578	6,757	5,820	6,196	3,077	5,193	5,637	7,272	1,179	411	4,455
Florida	5	317,829	3,399	2,735	711	14,592	26,612	15,079	11,533	29,914	22,644	35,783	68,123	72,639	6,669	4,573	29,435
Georgia	11	183,042	2,491	768	752	6,707	32,576	13,383	19,192	21,865	16,355	16,714	28,563	31,980	5,667	3,519	15,085
Kentucky	26	86,485	1,867	442	2,941	3,429	23,221	12,545	10,676	8,305	4,770	7,651	9,514	12,471	2,683	1,803	7,387
Louisiana	22	101,101	882	369	9,995	4,476	17,417	4,311	13,107	11,059	5,784	8,717	13,260	16,738	1,841	1,320	9,241
Mississippi	32	50,587	1,256	287	356	1,855	11,854	7,015	4,839	6,228	2,840	5,008	5,680	7,597	1,522	1,064	5,039
North Carolina	12	181,521	3,420	786	229	7,078	53,629	19,739	33,890	14,315	11,692	16,338	23,465	26,345	3,148	4,882	16,194
South Carolina	27	79,925	724	363	158	3,473	21,787	8,403	13,384	6,399	4,367	8,043	10,297	11,632	1,864	2,273	8,545
Tennessee	18	126,539	1,242	476	347	4,677	30,611	16,049	14,562	10,646	9,232	13,881	16,217	23,663	4,450	694	10,403
Virginia	13	177,708	1,147	737	1,074	7,443	27,435	11,047	16,389	15,425	9,694	14,820	30,823	33,594	11,646	9,009	14,860
West Virginia	39	34,654	200	101	3,380	1,675	5,854	2,514	3,341	4,567	1,836	3,057	3,838	5,477	939	142	3,587
Southwest		**677,888**	**8,347**	**3,541**	**39,652**	**28,989**	**105,712**	**61,747**	**43,964**	**72,514**	**46,743**	**62,877**	**98,977**	**120,958**	**17,331**	**9,967**	**62,281**
Arizona	24	94,093	810	673	1,114	5,116	13,973	11,155	2,817	8,345	5,677	10,034	17,115	18,155	2,538	1,200	9,343
New Mexico	37	37,832	564	178	2,702	1,781	5,117	4,422	695	3,672	1,645	3,551	5,130	6,595	1,791	834	4,272
Oklahoma	30	66,189	1,591	311	3,281	2,069	11,060	6,615	4,445	7,281	4,051	6,663	8,203	10,788	2,500	1,476	6,915
Texas	3	479,774	5,381	2,379	32,555	20,024	75,562	39,555	36,007	53,216	35,369	42,630	68,529	85,419	10,502	6,456	41,750
Rocky Mountain		**198,132**	**3,989**	**1,120**	**8,816**	**10,271**	**24,790**	**15,011**	**9,779**	**22,017**	**11,869**	**19,563**	**29,743**	**37,142**	**7,215**	**3,034**	**18,564**
Colorado	23	99,767	1,180	506	1,660	5,234	12,299	7,197	5,102	11,014	6,341	10,039	16,825	20,626	3,424	1,885	8,736
Idaho	43	24,185	1,260	276	169	1,536	4,612	3,030	1,583	2,181	1,456	2,502	3,092	3,771	760	268	2,301
Montana	47	16,862	835	135	837	758	1,317	763	555	2,152	1,049	1,714	2,261	3,061	742	266	1,734
Utah	35	41,657	418	123	1,484	2,151	5,891	3,806	2,086	4,008	2,532	4,268	5,905	8,221	1,901	412	4,346
Wyoming	48	15,660	297	79	4,666	591	670	215	455	2,662	492	1,040	1,661	1,464	388	202	1,447
Far West		**1,197,326**	**15,306**	**10,241**	**10,563**	**46,084**	**161,354**	**103,692**	**57,662**	**91,293**	**80,707**	**110,589**	**256,519**	**259,485**	**29,015**	**18,357**	**107,814**
Alaska	45	22,720	18	356	4,238	1,038	1,149	317	833	3,835	672	1,539	2,480	2,653	1,113	1,094	2,535
California	1	875,697	11,171	7,189	4,459	29,222	121,842	76,608	45,234	63,122	59,860	79,662	199,078	193,314	18,900	11,187	76,691
Hawaii	38	36,718	282	198	26	2,151	1,128	296	832	3,475	1,414	4,063	8,584	7,586	1,745	2,623	3,442
Nevada	34	43,958	142	178	1,438	3,090	2,002	1,269	733	3,376	1,990	4,084	8,058	14,967	840	435	3,358
Oregon	28	74,366	1,481	734	96	3,447	14,814	11,260	3,554	5,909	5,888	6,773	12,464	13,248	2,020	223	7,269
Washington	14	143,867	2,212	1,586	306	7,137	20,418	13,942	6,476	11,576	10,882	14,467	25,856	27,716	4,397	2,795	14,519

NOTE.—Totals shown for the United States differ from the NIPA estimates of gross domestic product (GDP) because State data exclude the statistical discrepancy (the difference between GDP and gross domestic income), 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; they may also differ from the GDP estimates because of differences in revision schedules.

Sources: Tables 9 and 10 in "Comprehensive Revision of Gross State Product by Industry, 1977–94" in the June 1997 SURVEY OF CURRENT BUSINESS.

K. Local Area Table

Table K.1.—Personal Income and Per Capita Personal Income by Metropolitan Area, 1993–95

Area name	Personal income: Millions of dollars 1993	1994	1995	Percent change[2] 1994–95	Per capita personal income[3]: Dollars 1993	1994	1995	Rank in U.S. 1995
United States[1]	**5,471,129**	**5,739,851**	**6,097,977**	**6.2**	**21,223**	**22,044**	**23,196**	
Metropolitan portion	**4,627,255**	**4,850,244**	**5,162,277**	**6.4**	**22,481**	**23,327**	**24,594**	
Nonmetropolitan portion	**843,874**	**889,607**	**935,700**	**5.2**	**16,239**	**16,959**	**17,658**	
Consolidated Metropolitan Statistical Areas								
Chicago-Gary-Kenosha, IL-IN-WI	210,079	220,224	234,889	6.7	24,869	25,906	27,481	
Cincinnati-Hamilton, OH-KY-IN	40,549	42,522	45,310	6.6	21,559	22,436	23,752	
Cleveland-Akron, OH	64,737	67,827	72,102	6.3	22,388	23,350	24,792	
Dallas-Fort Worth, TX	98,735	105,222	113,633	8.0	23,006	24,034	25,418	
Denver-Boulder-Greeley, CO	51,988	54,925	59,361	8.1	24,211	25,084	26,581	
Detroit-Ann Arbor-Flint, MI	121,251	131,581	140,169	6.5	23,139	25,117	26,646	
Houston-Galveston-Brazoria, TX	93,005	97,330	104,073	6.9	23,048	23,693	24,910	
Los Angeles-Riverside-Orange County, CA	331,389	337,711	357,571	5.9	21,822	22,122	23,290	
Miami-Fort Lauderdale, FL	71,826	74,618	80,095	7.3	21,514	21,965	23,155	
Milwaukee-Racine, WI	37,629	39,592	42,025	6.1	23,036	24,182	25,636	
New York-No. New Jersey-Long Island, NY-NJ-CT-PA	564,130	585,058	619,024	5.8	28,691	29,654	31,280	
Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD	147,099	151,972	160,677	5.7	24,743	25,497	26,921	
Portland-Salem, OR-WA	41,382	44,382	48,170	8.5	21,236	22,308	23,719	
Sacramento-Yolo, CA	33,416	35,017	37,534	7.2	21,212	22,052	23,332	
San Francisco-Oakland-San Jose, CA	181,386	187,916	201,544	7.3	28,055	28,901	30,802	
Seattle-Tacoma-Bremerton, WA	77,103	80,757	85,826	6.3	24,214	25,062	26,231	
Washington-Baltimore, DC-MD-VA-WV	185,306	194,456	204,023	4.9	26,550	27,584	28,706	
Metropolitan Statistical Areas[4]								
Abilene, TX	2,117	2,153	2,299	6.8	17,407	17,720	18,708	254
Akron, OH*	13,869	14,691	15,620	6.3	20,663	21,828	23,103	92
Albany, GA	1,915	2,063	2,199	6.6	16,507	17,711	18,849	246
Albany-Schenectady-Troy, NY	19,396	20,365	21,004	3.1	22,194	23,082	23,837	73
Albuquerque, NM	12,071	13,056	14,188	8.7	19,145	20,175	21,452	142
Alexandria, LA	2,177	2,332	2,456	5.3	17,399	18,492	19,352	224
Allentown-Bethlehem-Easton, PA	13,250	13,794	14,580	5.7	21,754	22,554	23,801	74
Altoona, PA	2,287	2,379	2,495	4.9	17,338	17,963	18,891	244
Amarillo, TX	3,673	3,916	4,188	7.0	18,801	19,664	20,464	177
Anchorage, AK	6,616	6,921	7,015	1.4	26,465	27,484	27,914	22
Ann Arbor, MI*	12,251	13,472	14,508	7.7	24,101	26,255	27,829	24
Anniston, AL	1,846	1,916	2,024	5.6	15,859	16,989	17,840	289
Appleton-Oshkosh-Neenah, WI	6,735	7,178	7,672	6.9	20,497	21,596	22,810	102
Asheville, NC	3,920	4,095	4,391	7.2	19,491	20,050	21,181	154
Athens, GA	2,276	2,416	2,606	7.8	17,390	18,094	19,320	228
Atlanta, GA	75,166	80,871	87,956	8.8	23,260	24,229	25,563	42
Atlantic-Cape May, NJ*	8,192	8,502	8,964	5.4	24,973	25,768	27,020	29
Augusta-Aiken, GA-SC	8,114	8,429	8,809	4.5	18,297	18,790	19,451	222
Austin-San Marcos, TX	18,737	20,331	22,338	9.9	20,048	20,977	22,185	123
Bakersfield, CA	10,073	10,218	10,860	6.3	16,798	16,711	17,625	291
Baltimore, MD*	56,912	59,799	62,556	4.6	23,282	24,326	25,347	44
Bangor, ME (NECMA)	2,518	2,601	2,728	4.9	17,228	17,777	18,747	252
Barnstable-Yarmouth, MA (NECMA)	4,870	5,106	5,492	7.6	25,286	26,090	27,568	25
Baton Rouge, LA	10,492	11,233	11,919	6.1	18,962	20,114	21,159	156
Beaumont-Port Arthur, TX	6,711	6,951	7,348	5.7	17,973	18,567	19,541	221
Bellingham, WA	2,593	2,789	2,953	5.9	18,198	19,097	19,775	210
Benton Harbor, MI	3,073	3,257	3,442	5.7	19,018	20,193	21,284	150
Bergen-Passaic, NJ*	40,789	42,024	44,345	5.5	31,489	32,291	33,931	4
Billings, MT	2,361	2,515	2,662	5.8	19,543	20,472	21,345	146
Biloxi-Gulfport-Pascagoula, MS	5,374	5,852	6,104	4.3	16,315	17,339	17,856	288
Binghamton, NY	5,071	5,172	5,269	1.9	19,165	19,727	20,446	178
Birmingham, AL	17,846	18,960	20,283	7.0	20,644	21,547	22,830	99
Bismarck, ND	1,627	1,697	1,814	6.9	18,634	19,255	20,342	182
Bloomington, IN	1,939	2,029	2,147	5.8	17,196	17,844	18,603	261
Bloomington-Normal, IL	2,797	3,056	3,213	5.1	20,722	22,417	23,229	90
Boise City, ID	6,932	7,629	8,330	9.2	20,711	21,885	23,052	94
Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH (NECMA)	146,890	153,749	164,718	7.1	25,773	26,832	28,564	17
Boulder-Longmont, CO*	6,221	6,632	7,114	7.3	25,451	26,555	27,978	20
Brazoria, TX*	3,775	3,970	4,240	6.8	18,112	18,662	19,595	218
Bremerton, WA*	4,108	4,293	4,529	5.5	19,292	19,802	20,004	197
Brownsville-Harlingen-San Benito, TX	3,259	3,476	3,682	5.9	11,246	11,610	11,960	313
Bryan-College Station, TX	1,877	1,985	2,086	5.1	14,524	15,187	15,872	306
Buffalo-Niagara Falls, NY	24,140	25,509	26,766	4.9	20,254	21,475	22,645	109
Burlington, VT (NECMA)	3,864	4,018	4,280	6.5	21,053	21,518	22,687	105
Canton-Massillon, OH	7,625	8,052	8,535	6.0	19,014	20,054	21,222	152
Casper, WY	1,414	1,469	1,550	5.5	22,476	22,978	24,248	65
Cedar Rapids, IA	3,835	4,094	4,363	6.6	21,928	23,184	24,448	61
Champaign-Urbana, IL	3,125	3,235	3,390	4.8	18,442	19,518	20,376	181
Charleston-North Charleston, SC	8,879	9,168	9,447	3.0	16,919	17,769	18,840	247
Charleston, WV	5,201	5,434	5,744	5.7	20,465	21,352	22,562	112
Charlotte-Gastonia-Rock Hill, NC-SC	26,536	28,472	30,989	8.8	21,505	22,580	24,022	71
Charlottesville, VA	3,172	3,318	3,512	5.8	22,926	23,622	24,630	56
Chattanooga, TN-GA	8,461	8,887	9,453	6.4	19,450	20,230	21,330	147
Cheyenne, WY	1,570	1,597	1,664	4.2	20,420	20,458	21,201	153
Chicago, IL*	193,676	202,969	216,553	6.7	25,501	26,553	28,177	19
Chico-Paradise, CA	3,225	3,317	3,482	5.0	16,881	17,249	18,040	280
Cincinnati, OH-KY-IN*	34,473	36,084	38,428	6.5	21,928	22,848	24,199	66
Clarksville-Hopkinsville, TN-KY	2,694	2,854	3,053	7.0	14,943	15,405	16,833	298
Cleveland-Lorain-Elyria, OH*	50,869	53,136	56,482	6.3	22,910	23,809	25,303	46
Colorado Springs, CO	8,301	8,931	9,660	8.2	19,104	19,684	20,770	166
Columbia, MO	2,290	2,443	2,608	6.7	19,212	20,178	21,137	157
Columbia, SC	9,298	9,818	10,464	6.6	19,362	20,702	21,733	131
Columbus, GA-AL	4,612	4,798	5,060	5.4	17,023	17,549	18,616	259
Columbus, OH	30,328	32,441	34,614	6.7	21,525	22,825	24,132	68
Corpus Christi, TX	6,128	6,469	6,833	5.6	16,594	17,190	17,984	285
Cumberland, MD-WV	1,610	1,682	1,765	5.0	15,894	16,627	17,460	293
Dallas, TX*	68,719	73,638	79,737	8.3	24,084	25,298	26,803	32
Danville, VA	1,793	1,865	1,965	5.3	16,395	16,972	17,930	286
Davenport-Moline-Rock Island, IA-IL	7,016	7,337	7,722	5.3	19,646	20,534	21,588	137
Dayton-Springfield, OH	19,884	20,823	22,132	6.3	20,734	21,834	23,238	89
Daytona Beach, FL	7,417	7,867	8,464	7.6	17,120	17,742	18,794	249
Decatur, AL	2,466	2,623	2,772	5.7	17,912	19,069	19,955	200
Decatur, IL	2,360	2,434	2,517	3.4	20,106	20,851	21,640	134
Denver, CO*	43,300	45,764	49,546	8.3	24,570	25,494	27,069	28
Des Moines, IA	9,387	10,014	10,709	6.9	22,747	23,987	25,331	45
Detroit, MI*	100,582	108,703	115,754	6.5	23,395	25,320	26,889	31
Dothan, AL	2,264	2,372	2,506	5.7	16,919	17,819	18,777	250
Dover, DE	2,069	2,177	2,344	7.7	17,494	18,232	19,333	226
Dubuque, IA	1,669	1,771	1,865	5.3	19,011	20,113	21,160	155
Duluth-Superior, MN-WI	4,338	4,540	4,782	5.3	17,959	18,834	19,959	199
Dutchess County, NY*	6,092	6,132	6,302	2.8	23,177	23,474	24,098	69
Eau Claire, WI	2,440	2,584	2,754	6.5	17,292	18,218	19,335	225
El Paso, TX	8,391	8,809	9,299	5.6	12,964	13,211	13,702	312
Elkhart-Goshen, IN	3,317	3,564	3,780	6.1	20,485	21,719	22,660	107
Elmira, NY	1,686	1,773	1,863	5.0	17,745	18,766	19,817	206
Enid, OK	1,031	1,063	1,099	3.3	18,246	18,719	19,160	235
Erie, PA	5,278	5,510	5,811	5.5	18,879	19,630	20,704	168
Eugene-Springfield, OR	5,327	5,667	6,043	6.6	18,036	18,932	19,917	202
Evansville-Henderson, IN-KY	5,853	6,071	6,360	4.8	20,505	21,184	22,124	124
Fargo-Moorhead, ND-MN	2,952	3,165	3,348	5.8	18,469	19,535	20,433	180
Fayetteville, NC	4,773	4,899	5,210	6.4	16,813	17,252	18,289	271
Fayetteville-Springdale-Rogers, AR	4,319	4,696	5,078	8.1	18,381	19,293	20,060	192
Flagstaff, AZ-UT	1,679	1,820	1,948	7.0	15,124	15,959	16,733	299
Flint, MI*	8,418	9,407	9,908	5.3	19,469	21,757	22,815	101
Florence, AL	2,256	2,397	2,547	6.3	16,679	17,801	18,837	248
Florence, SC	2,067	2,177	2,301	5.7	17,285	17,981	18,767	251
Fort Collins-Loveland, CO	4,075	4,368	4,726	8.2	19,875	20,538	21,747	130
Fort Lauderdale, FL*	32,716	34,274	37,008	8.0	24,175	24,736	26,192	37
Fort Myers-Cape Coral, FL	7,784	8,259	8,880	7.5	21,672	22,450	23,664	78
Fort Pierce-Port St. Lucie, FL	6,126	6,362	6,866	7.9	22,491	22,847	24,313	64
Fort Smith, AR-OK	3,014	3,244	3,428	5.7	16,410	17,515	18,167	276
Fort Walton Beach, FL	2,914	3,060	3,237	5.8	18,491	19,007	19,795	208
Fort Wayne, IN	9,698	10,202	10,867	6.5	20,803	21,768	23,048	95
Fort Worth-Arlington, TX*	30,015	31,585	33,896	7.3	20,867	21,527	22,665	106
Fresno, CA	14,363	14,583	15,274	4.7	17,411	17,384	18,014	283
Gadsden, AL	1,639	1,727	1,839	6.4	16,425	16,935	18,032	281
Gainesville, FL	3,473	3,663	3,905	6.6	18,193	18,961	19,984	198
Galveston-Texas City, TX*	4,497	4,731	5,065	7.0	19,381	20,130	21,300	149
Gary, IN*	11,998	12,613	13,369	6.0	19,472	20,397	21,534	139
Glens Falls, NY	2,146	2,267	2,364	4.3	17,602	18,598	19,326	227
Goldsboro, NC	1,664	1,768	1,895	7.2	15,408	16,261	17,127	295
Grand Forks, ND-MN	1,707	1,809	1,906	5.4	16,492	17,326	18,297	270
Grand Junction, CO	1,768	1,866	2,007	7.6	17,553	18,016	18,904	243
Grand Rapids-Muskegon-Holland, MI	20,059	21,591	23,232	7.6	20,579	21,811	23,174	91
Great Falls, MT	1,500	1,527	1,624	6.4	18,682	18,803	20,043	194
Greeley, CO*	2,466	2,529	2,700	6.8	17,548	17,470	18,178	275
Green Bay, WI	4,349	4,622	4,936	6.8	21,236	22,267	23,429	85
Greensboro-Winston-Salem-High Point, NC	23,267	24,511	26,357	7.5	21,288	22,095	23,428	86
Greenville, NC	2,041	2,174	2,339	7.6	17,889	18,712	19,813	207
Greenville-Spartanburg-Anderson, SC	15,643	16,664	17,948	7.7	18,140	19,084	20,301	184
Hagerstown, MD*	2,156	2,296	2,382	3.8	17,134	18,162	18,740	253
Hamilton-Middletown, OH*	6,076	6,438	6,882	6.9	19,679	20,377	21,527	141
Harrisburg-Lebanon-Carlisle, PA	13,179	13,751	14,533	5.7	21,753	22,546	23,752	75
Hartford, CT (NECMA)	29,959	30,762	32,169	4.6	26,813	27,587	28,962	14
Hattiesburg, MS	1,525	1,635	1,761	7.7	14,937	15,773	16,594	301
Hickory-Morganton-Lenoir, NC	5,602	5,945	6,286	5.7	18,527	19,402	20,235	186
Honolulu, HI	21,675	22,254	22,901	2.9	25,150	25,602	26,300	35
Houma, LA	2,759	2,963	3,126	5.5	14,808	15,807	16,585	302
Houston, TX*	84,734	88,628	94,768	6.9	23,571	24,214	25,449	43
Huntington-Ashland, WV-KY-OH	5,123	5,341	5,566	4.2	16,188	16,865	17,570	292
Huntsville, AL	6,547	6,784	7,091	4.5	20,818	20,711	21,624	135
Indianapolis, IN	32,605	34,440	36,402	5.7	22,605	23,583	24,664	55
Iowa City, IA	2,042	2,206	2,321	5.2	20,612	21,926	22,894	98
Jackson, MI	2,715	2,887	3,055	5.8	17,779	18,936	19,913	203
Jackson, MS	7,410	7,981	8,594	7.7	18,190	19,355	20,646	170
Jackson, TN	1,678	1,829	1,963	7.3	17,693	19,032	20,161	190
Jacksonville, FL	19,606	20,630	22,209	7.7	20,401	21,234	22,617	110
Jacksonville, NC	1,962	2,030	2,149	5.9	13,474	14,005	14,897	310
Jamestown, NY	2,385	2,503	2,595	3.7	16,763	17,635	18,366	269
Janesville-Beloit, WI	2,831	3,018	3,247	7.6	19,580	20,635	21,865	127
Jersey City, NJ*	11,975	12,241	12,987	6.1	21,714	22,223	23,561	80
Johnson City-Kingsport-Bristol, TN-VA	7,596	7,936	8,442	6.4	16,959	17,622	18,582	262
Johnstown, PA	4,080	4,211	4,431	5.2	16,934	17,482	18,425	268

See footnotes at end of table.

Table K.1.—Personal Income and Per Capita Personal Income by Metropolitan Area, 1993–95—Continued

Area name	Personal income: Millions of dollars 1993	1994	1995	Percent change[2] 1994–95	Per capita personal income[3]: Dollars 1993	1994	1995	Rank in U.S. 1995
Jonesboro, AR	1,154	1,226	1,335	8.9	15,905	16,704	17,826	290
Joplin, MO	2,357	2,543	2,739	7.7	16,857	17,960	19,088	241
Kalamazoo-Battle Creek, MI	8,737	9,229	9,821	6.4	19,895	20,964	22,203	122
Kankakee, IL*	1,808	1,892	2,020	6.7	18,003	18,699	19,901	204
Kansas City, MO-KS	36,359	38,533	41,123	6.7	22,290	23,244	24,576	58
Kenosha, WI*	2,597	2,751	2,948	7.2	19,092	19,990	21,117	158
Killeen-Temple, TX	4,202	4,530	4,828	6.6	15,600	15,682	16,508	303
Knoxville, TN	12,153	12,964	13,814	6.6	19,627	20,566	21,558	138
Kokomo, IN	2,071	2,203	2,368	7.5	20,848	22,130	23,715	77
La Crosse, WI-MN	2,314	2,430	2,550	4.9	19,385	20,210	21,088	159
Lafayette, LA	5,720	6,161	6,527	5.9	15,999	17,060	17,867	287
Lafayette, IN	2,994	3,164	3,353	6.0	18,070	18,806	19,734	215
Lake Charles, LA	2,957	3,176	3,394	6.9	17,188	18,258	19,262	230
Lakeland-Winter Haven, FL	7,175	7,709	8,344	8.2	16,972	17,930	19,126	238
Lancaster, PA	9,537	9,785	10,321	5.5	21,745	22,084	23,056	93
Lansing-East Lansing, MI	8,531	9,168	9,686	5.7	19,553	20,614	21,717	132
Laredo, TX	1,730	1,885	1,966	4.3	10,998	11,430	11,402	314
Las Cruces, NM	2,059	2,160	2,343	8.5	13,487	13,752	14,643	311
Las Vegas, NV-AZ	21,342	23,786	26,198	10.1	21,054	21,974	22,927	97
Lawrence, KS	1,417	1,505	1,608	6.8	16,483	17,266	18,191	274
Lawton, OK	1,778	1,803	1,880	4.3	15,041	15,866	16,870	297
Lewiston-Auburn, ME (NECMA)	1,849	1,918	2,019	5.3	17,808	18,558	19,626	217
Lexington, KY	8,660	9,080	9,743	7.3	20,331	21,060	22,394	116
Lima, OH	2,795	2,988	3,117	4.3	17,897	19,168	20,042	195
Lincoln, NE	4,541	4,831	5,156	6.7	20,275	21,325	22,446	114
Little Rock-North Little Rock, AR	10,489	11,105	11,916	7.3	19,680	20,652	21,954	126
Longview-Marshall, TX	3,507	3,660	3,905	6.7	17,531	18,166	19,132	237
Los Angeles-Long Beach, CA*	199,770	201,754	213,337	5.7	21,984	22,218	23,501	82
Louisville, KY-IN	20,804	21,834	23,232	6.4	21,363	22,267	23,552	81
Lubbock, TX	4,100	4,330	4,590	6.0	18,027	18,776	19,783	209
Lynchburg, VA	3,723	3,922	4,127	5.2	18,550	19,314	20,199	188
Macon, GA	5,490	5,740	6,085	6.0	18,129	18,686	19,674	216
Madison, WI	9,206	9,765	10,391	6.4	23,822	25,032	26,449	33
Mansfield, OH	3,039	3,201	3,373	5.4	17,343	18,265	19,243	231
McAllen-Edinburg-Mission, TX	4,521	4,893	5,248	7.3	10,170	10,525	10,878	315
Medford-Ashland, OR	2,859	3,070	3,272	6.6	18,080	18,913	19,746	213
Melbourne-Titusville-Palm Bay, FL	8,564	8,938	9,341	4.5	19,663	20,161	20,747	167
Memphis, TN-AR-MS	21,862	23,432	25,222	7.6	20,988	22,215	23,640	79
Merced, CA	3,025	3,043	3,017	–.9	15,735	15,494	15,653	307
Miami, FL*	39,110	40,344	43,087	6.8	19,699	20,056	21,058	160
Middlesex-Somerset-Hunterdon, NJ*	31,640	33,117	35,087	5.9	29,967	30,997	32,507	7
Milwaukee-Waukesha, WI*	33,779	35,519	37,698	6.1	23,263	24,422	25,906	38
Minneapolis-St. Paul, MN-WI	66,474	70,555	74,901	6.2	25,026	26,197	27,436	26
Mobile, AL	8,495	8,967	9,469	5.6	16,811	17,614	18,429	266
Modesto, CA	6,992	7,139	7,449	4.3	17,379	17,537	18,122	278
Monmouth-Ocean, NJ*	27,308	28,058	29,635	5.6	26,720	27,089	28,187	18
Monroe, LA	2,390	2,528	2,708	7.1	16,395	17,304	18,444	264
Montgomery, AL	5,840	6,178	6,558	6.1	18,996	19,964	21,000	162
Muncie, IN	2,180	2,287	2,384	4.2	18,185	19,204	20,044	193
Myrtle Beach, SC	2,544	2,771	3,034	9.5	17,143	18,177	19,220	234
Naples, FL	5,343	5,601	6,015	7.4	31,084	31,447	32,878	5
Nashville, TN	23,385	25,394	27,453	8.1	22,367	23,716	25,077	50
Nassau-Suffolk, NY*	77,581	80,864	85,250	5.4	29,373	30,527	32,108	9
New Haven-Bridgeport-Stamford-Danbury-Waterbury, CT*	52,715	54,255	57,566	6.1	32,372	33,352	35,400	3
New London-Norwich, CT (NECMA)	5,907	6,264	6,615	5.6	23,761	25,157	26,436	34
New Orleans, LA	25,439	26,568	28,089	5.7	19,497	20,277	21,374	144
New York, NY*	242,044	251,831	266,669	5.9	28,163	29,227	30,896	11
Newark, NJ*	57,117	58,947	62,684	6.3	29,599	30,459	32,346	8
Newburgh, NY-PA*	7,061	7,395	7,729	4.5	20,037	20,813	21,528	140
Norfolk-Virginia Beach-Newport News, VA-NC	28,554	29,768	31,217	4.9	18,826	19,485	20,332	183
Oakland, CA*	56,796	58,801	62,995	7.1	26,196	26,973	28,729	16
Ocala, FL	3,533	3,804	4,090	7.5	16,673	17,318	18,130	277
Odessa-Midland, TX	4,650	4,875	5,152	5.7	19,829	20,618	21,674	133
Oklahoma City, OK	18,503	19,443	20,474	5.3	18,575	19,277	20,139	191
Olympia, WA*	3,791	3,996	4,288	7.3	20,662	21,301	22,258	120
Omaha, NE-IA	14,167	14,958	16,108	7.7	21,535	22,540	24,002	72
Orange County, CA*	65,005	67,212	71,272	6.0	25,681	26,213	27,420	27
Orlando, FL	26,180	27,690	29,645	7.1	19,621	20,313	21,395	143
Owensboro, KY	1,562	1,669	1,758	5.3	17,468	18,496	19,390	223
Panama City, FL	2,373	2,471	2,592	4.9	17,295	17,680	18,229	273
Parkersburg-Marietta, WV-OH	2,739	2,853	2,999	5.1	18,115	18,816	19,774	211
Pensacola, FL	6,229	6,484	6,818	5.1	17,195	17,391	18,025	282
Peoria-Pekin, IL	7,005	7,418	7,692	3.7	20,428	21,551	22,235	121
Philadelphia, PA-NJ*	122,479	126,364	133,528	5.7	24,775	25,521	26,959	30
Phoenix-Mesa, AZ	48,394	52,629	58,036	10.3	20,180	21,178	21,839	128
Pine Bluff, AR	1,290	1,319	1,397	5.8	15,294	15,649	16,685	300
Pittsburgh, PA	53,184	54,634	57,518	5.3	22,090	22,760	24,071	70
Pittsfield, MA (NECMA)	3,048	3,145	3,326	5.8	22,395	23,151	24,611	57
Pocatello, ID	1,121	1,182	1,245	5.3	16,056	16,404	17,033	296
Portland, ME (NECMA)	5,649	5,896	6,253	6.1	23,032	23,839	25,127	49
Portland-Vancouver, OR-WA*	36,081	38,758	42,160	8.8	21,897	23,046	24,553	60
Providence-Warwick-Pawtucket, RI (NECMA)	19,832	20,241	21,576	6.6	21,687	22,185	23,730	76
Provo-Orem, UT	3,895	4,248	4,691	10.4	13,736	14,063	15,099	309
Pueblo, CO	2,061	2,176	2,390	9.9	16,378	17,025	18,441	265
Punta Gorda, FL	2,294	2,456	2,649	7.9	18,636	19,483	20,539	174
Racine, WI*	3,849	4,073	4,327	6.2	21,217	22,275	23,498	83
Raleigh-Durham-Chapel Hill, NC	21,293	22,694	24,596	8.4	22,661	23,448	24,675	54
Rapid City, SD	1,564	1,645	1,760	7.0	18,181	18,991	20,176	189
Reading, PA	7,698	8,020	8,455	5.4	22,268	23,008	24,139	67
Redding, CA	2,909	3,007	3,146	4.6	18,319	18,785	19,558	219
Reno, NV	6,933	7,506	8,110	8.0	25,189	26,448	27,866	23
Richland-Kennewick-Pasco, WA	3,388	3,605	3,699	2.6	20,220	20,691	20,618	171
Richmond-Petersburg, VA	21,378	22,540	23,940	6.2	23,600	24,587	25,851	41
Riverside-San Bernardino, CA*	50,578	52,250	55,477	6.2	17,584	17,892	18,685	255
Roanoke, VA	5,017	5,207	5,575	7.1	22,045	22,753	24,378	62
Rochester, MN	2,608	2,667	2,784	4.4	23,141	23,574	24,720	52
Rochester, NY	24,339	25,451	26,703	4.9	22,372	23,386	24,566	59
Rockford, IL	6,837	7,381	7,888	6.9	19,923	21,330	22,602	111
Rocky Mount, NC	2,375	2,481	2,656	7.1	17,147	17,631	18,615	260
Sacramento, CA*	30,464	31,962	34,258	7.2	21,306	22,173	23,459	84
Saginaw-Bay City-Midland, MI	7,973	8,478	8,996	6.1	19,787	21,047	22,342	118
St. Cloud, MN	2,609	2,777	2,902	4.5	16,825	17,708	18,278	272
St. Joseph, MO	1,697	1,781	1,872	5.1	17,251	18,214	19,222	233
St. Louis, MO-IL	56,970	59,826	63,929	6.9	22,529	23,634	25,170	48
Salem, OR*	5,300	5,624	6,010	6.9	17,612	18,278	19,154	236
Salinas, CA	7,946	7,922	8,452	6.7	22,577	23,804	25,270	47
Salt Lake City-Ogden, UT	20,413	22,030	23,739	7.8	17,674	18,703	19,825	205
San Angelo, TX	1,754	1,845	1,958	6.1	17,553	18,247	19,231	232
San Antonio, TX	25,644	27,298	29,313	7.4	18,214	19,055	20,034	196
San Diego, CA	56,001	57,820	61,106	5.7	21,484	22,114	23,263	88
San Francisco, CA*	55,375	56,964	60,853	6.8	33,891	34,745	36,989	1
San Jose, CA*	43,786	45,784	49,548	8.2	28,362	29,439	31,487	10
San Luis Obispo-Atascadero-Paso Robles, CA	4,216	4,361	4,645	6.5	18,970	19,444	20,490	176
Santa Barbara-Santa Maria-Lompoc, CA	9,193	9,378	9,929	5.9	24,216	24,435	25,860	40
Santa Cruz-Watsonville, CA*	5,618	5,788	6,193	7.0	24,049	24,587	26,202	36
Santa Fe, NM	2,913	3,087	3,350	8.5	22,812	23,461	24,691	53
Santa Rosa, CA*	9,703	10,103	10,779	6.7	23,799	24,533	25,888	39
Sarasota-Bradenton, FL	13,489	14,375	15,557	8.2	26,406	27,704	29,641	13
Savannah, GA	5,292	5,612	5,971	6.4	19,473	20,318	21,351	145
Scranton-Wilkes-Barre-Hazleton, PA	11,963	12,316	12,927	5.0	18,695	19,363	20,442	179
Seattle-Bellevue-Everett, WA*	57,079	59,763	63,422	6.1	26,458	27,422	28,773	15
Sharon, PA	2,042	2,141	2,259	5.5	16,702	17,545	18,498	263
Sheboygan, WI	2,188	2,314	2,456	6.2	20,589	21,526	22,560	113
Sherman-Denison, TX	1,677	1,751	1,879	7.3	17,420	17,963	19,090	240
Shreveport-Bossier City, LA	6,963	7,296	7,672	5.2	18,495	19,321	20,228	187
Sioux City, IA-NE	2,196	2,336	2,517	7.7	18,493	19,544	20,871	165
Sioux Falls, SD	3,208	3,504	3,747	6.9	21,573	23,045	24,320	63
South Bend, IN	5,126	5,399	5,741	6.3	20,215	21,150	22,350	117
Spokane, WA	7,409	7,849	8,271	5.4	18,932	19,788	20,575	173
Springfield, IL	4,145	4,381	4,554	3.9	21,311	21,657	22,426	115
Springfield, MO	5,243	5,640	6,053	7.3	18,562	19,556	20,616	172
Springfield, MA (NECMA)	12,124	12,566	13,264	5.6	20,321	21,080	22,342	118
State College, PA	2,247	2,333	2,475	6.1	17,403	17,977	18,957	242
Steubenville-Weirton, OH-WV	2,326	2,420	2,521	4.2	16,519	17,278	18,079	279
Stockton-Lodi, CA	9,115	9,385	9,924	5.7	17,826	18,085	18,874	245
Sumter, SC	1,463	1,549	1,645	6.2	13,811	14,557	15,387	308
Syracuse, NY	14,898	15,544	16,171	4.0	19,745	20,676	21,592	136
Tacoma, WA*	12,125	12,706	13,586	6.9	19,231	19,899	20,945	163
Tallahassee, FL	4,504	4,784	5,083	6.3	18,014	18,760	19,753	212
Tampa-St. Petersburg-Clearwater, FL	43,934	45,864	49,391	7.7	20,567	21,246	22,646	108
Terre Haute, IN	2,574	2,654	2,789	5.1	17,160	17,757	18,640	258
Texarkana, TX-Texarkana, AR	1,975	2,080	2,215	6.5	16,184	16,939	17,998	284
Toledo, OH	12,583	13,292	14,038	5.6	20,521	21,730	22,971	96
Topeka, KS	3,409	3,554	3,753	5.6	20,775	21,540	22,752	104
Trenton, NJ*	9,809	10,194	10,770	5.7	29,853	30,964	32,633	6
Tucson, AZ	12,644	13,782	14,770	7.2	17,767	18,761	19,556	220
Tulsa, OK	14,918	15,473	16,274	5.2	20,192	20,823	21,789	129
Tuscaloosa, AL	2,678	2,856	3,045	6.6	17,306	18,411	19,281	229
Tyler, TX	3,054	3,238	3,456	6.7	19,357	20,245	21,253	151
Utica-Rome, NY	5,632	5,892	6,085	3.3	17,729	18,680	19,740	214
Vallejo-Fairfield-Napa, CA*	10,108	10,476	11,174	6.7	21,138	21,820	23,328	87
Ventura, CA*	16,035	16,494	17,485	6.0	23,196	23,527	24,736	51
Victoria, TX	1,513	1,594	1,700	6.6	19,197	19,892	21,042	161
Vineland-Millville-Bridgeton, NJ*	2,720	2,786	2,936	5.4	19,567	20,063	21,312	148
Visalia-Tulare-Porterville, CA	5,263	5,363	5,615	4.7	15,516	15,517	16,144	305
Waco, TX	3,297	3,474	3,734	7.5	16,963	17,528	18,674	257
Washington, DC-MD-VA-WV*	126,237	132,361	139,085	5.1	28,631	29,644	30,824	12
Waterloo-Cedar Falls, IA	2,258	2,406	2,540	5.6	18,142	19,419	20,660	169
Wausau, WI	2,247	2,370	2,530	6.8	18,772	19,689	20,902	164
West Palm Beach-Boca Raton, FL	30,995	32,424	35,204	8.6	33,197	33,862	36,057	2
Wheeling, WV-OH	2,717	2,796	2,926	4.7	17,138	17,723	18,682	256
Wichita, KS	10,710	10,934	11,617	6.2	21,238	21,574	22,823	100
Wichita Falls, TX	2,384	2,519	2,707	7.5	18,295	19,020	19,933	201
Williamsport, PA	2,119	2,184	2,290	4.9	17,517	18,080	19,102	239
Wilmington-Newark, DE-MD*	13,709	14,321	15,249	6.5	25,649	26,507	27,924	21
Wilmington, NC	3,499	3,741	4,062	8.6	18,667	19,314	20,247	185
Yakima, WA	3,599	3,738	3,934	5.2	17,559	17,810	18,427	267
Yolo, CA*	2,952	3,055	3,276	7.2	20,293	20,864	22,083	125
York, PA	7,632	7,823	8,299	6.1	21,563	21,727	22,759	103
Youngstown-Warren, OH	11,051	11,641	12,302	5.7	18,249	19,317	20,512	175
Yuba City, CA	2,191	2,233	2,366	5.9	16,566	16,569	17,414	294
Yuma, AZ	1,757	1,687	1,976	17.1	14,112	13,228	16,221	304

1. The personal income level shown for the United States is derived as the sum of the county estimates; it differs from the national income and product accounts (NIPA) estimate of personal income 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. It can also differ from the NIPA estimate because of different data sources and revision schedules.

2. Percent change was calculated from unrounded data.

3. Per capita personal income was computed using Census Bureau midyear population estimates. Estimates for 1993-95 reflect county population estimates available as of March 1997.

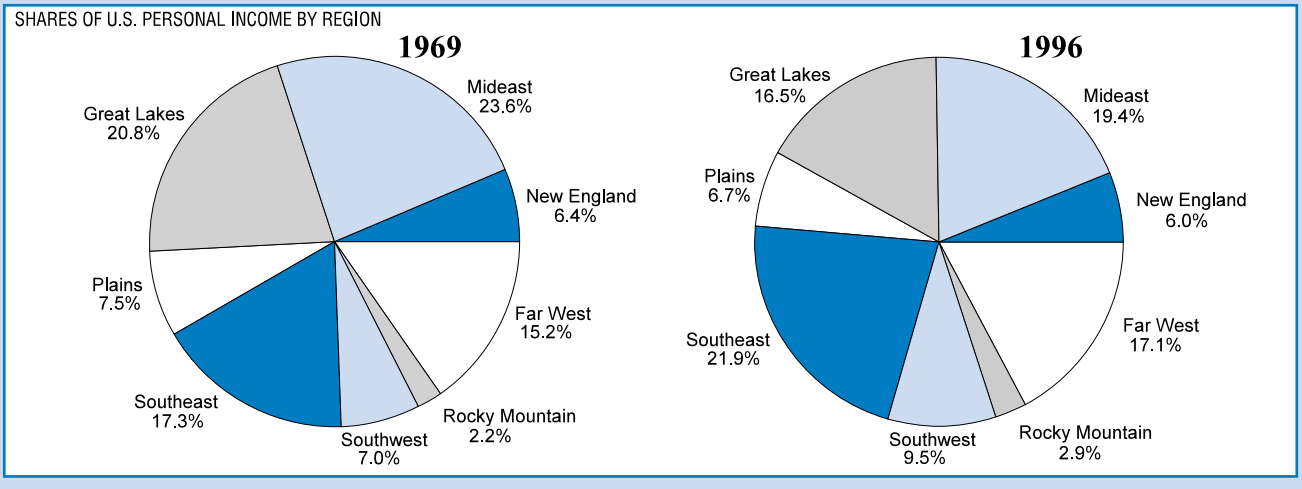
4. Includes Metropolitan Statistical Areas, Primary Metropolitan Statistical Areas (PMSA's designated by *), and New England County Metropolitan Areas (NECMA's). The New Haven-Bridgeport-Stamford-Danbury-Waterbury, CT NECMA is presented as a PMSA (part of the New York CMSA).

Source: Table 1 in "Comprehensive Revision of Local Area Personal Income, 1969–95" in the September 1997 SURVEY.

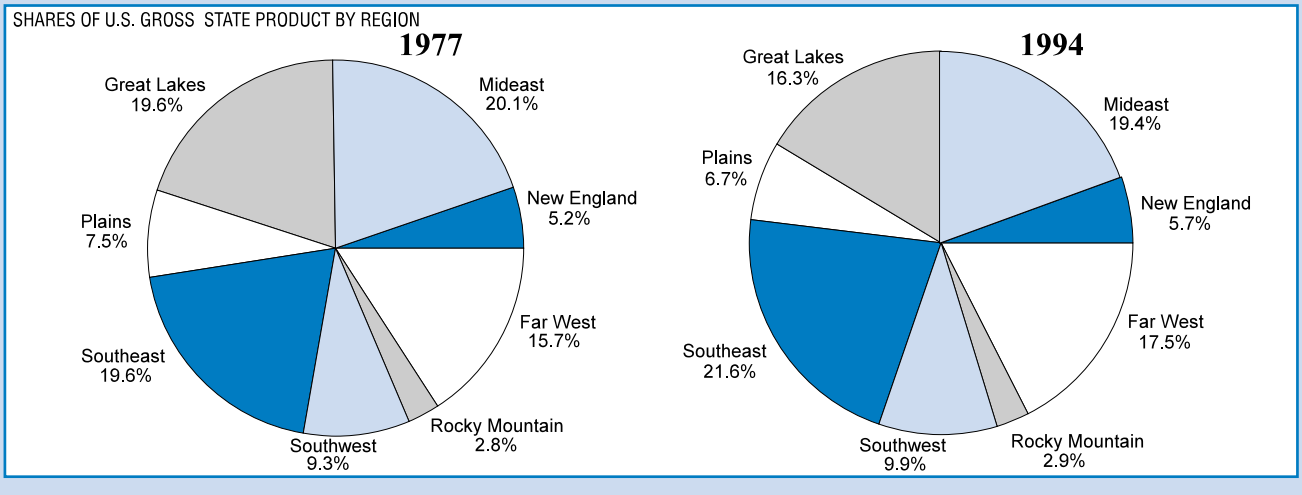
L. Charts

SELECTED REGIONAL ESTIMATES

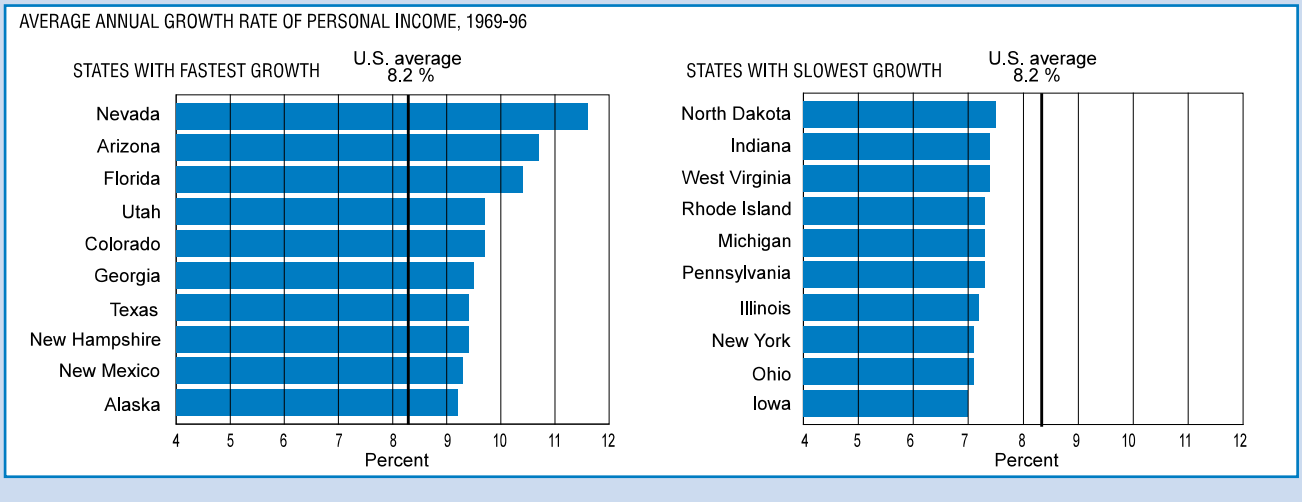
SHARES OF U.S. PERSONAL INCOME BY REGION



SHARES OF U.S. GROSS STATE PRODUCT BY REGION



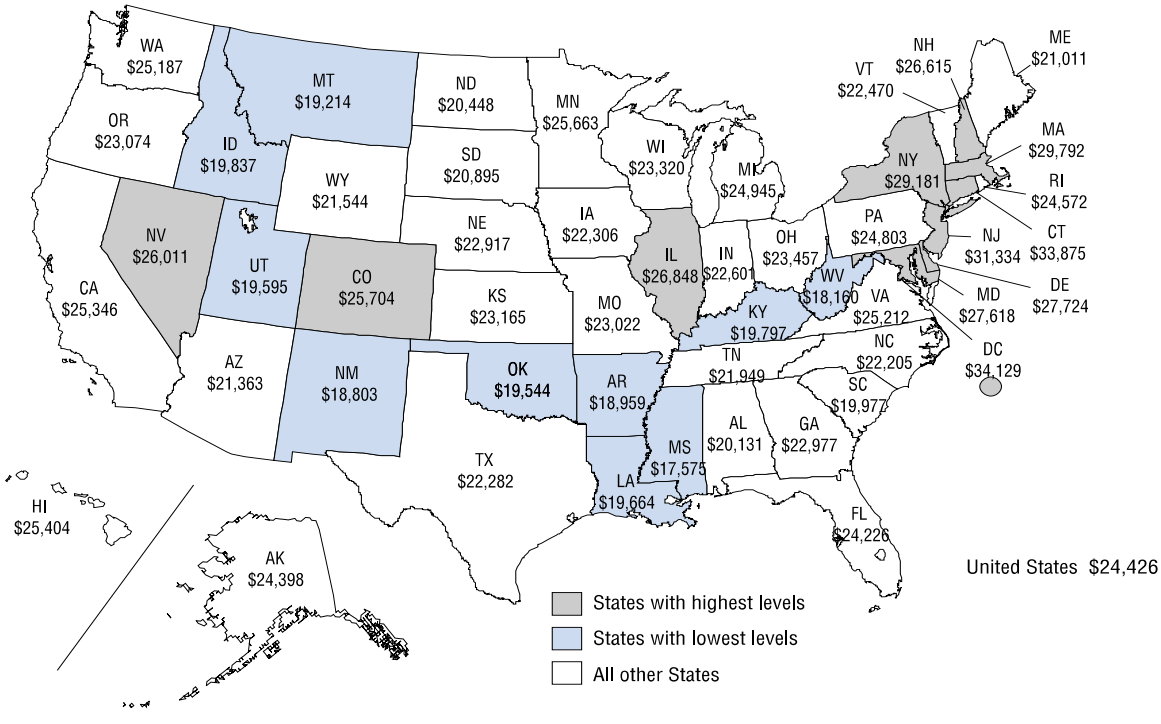
AVERAGE ANNUAL GROWTH RATE OF PERSONAL INCOME, 1969-96



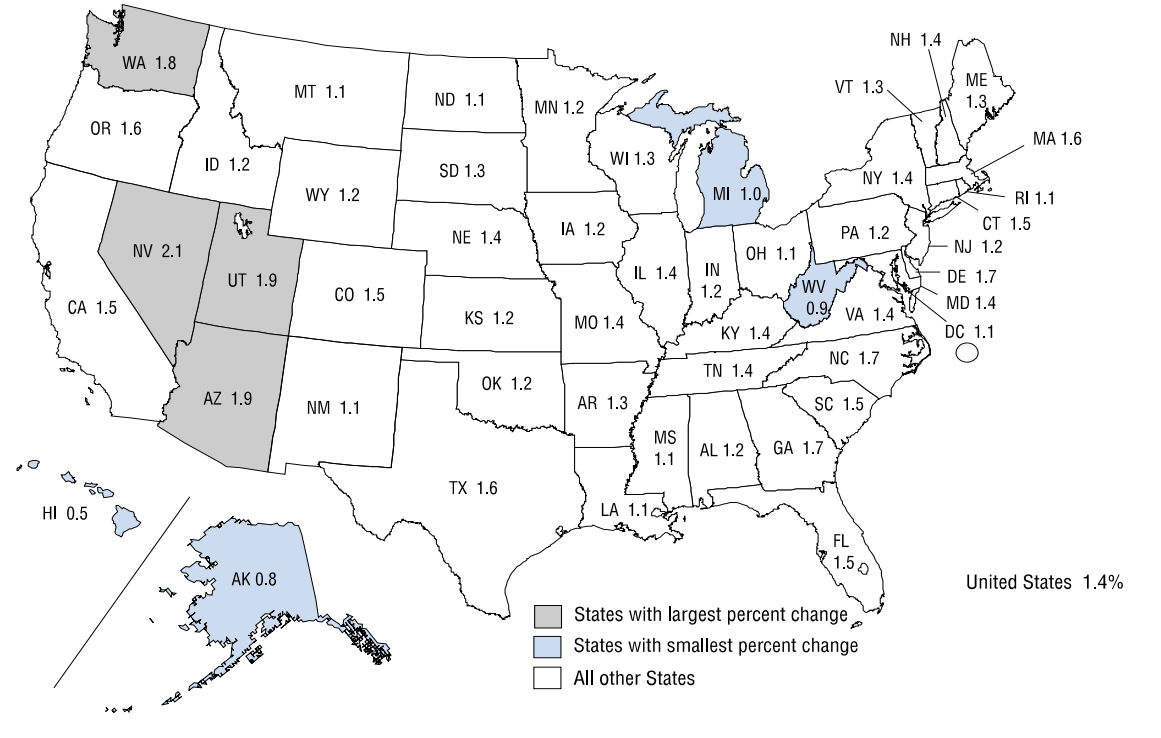
U.S. Department of Commerce, Bureau of Economic Analysis

SELECTED REGIONAL ESTIMATES

PER CAPITA PERSONAL INCOME, 1996



PERSONAL INCOME GROWTH: AVERAGE QUARTERLY PERCENT CHANGE, 1996:II-1997:II



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

Appendix A
Additional Information About BEA's 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.)

Except for the most recent period, the annual and quarterly changes in real GDP and prices are "chain-type" measures that are both based on the "Fisher Ideal" formula that incorporates weights from two adjacent years. For example, the 1992–93 percent change in real GDP uses prices for 1992 and 1993 as weights, and the 1992–93 percent change in price uses quantities for 1992 and 1993 as weights. Because the quantity and price index numbers calculated in this way are symmetric, the product of the annual change in real GDP and the annual change in prices equals the annual change in current-dollar GDP.

In the most recent period, a variant of the formula is used because only 1 year's information is available for computing the index number weights. Accordingly, BEA uses the prices and quantities from the two adjacent quarters as weights to calculate Fisher chain-type measures for those estimates. For example, the 1996:II–1996:III percent change in real GDP uses prices for 1996:II and 1996:III as weights, and the 1996:II–1996:III percent change in the GDP price index uses quantities for 1996:II and 1996:III as weights.

BEA also presents another measure, known as the "implicit price deflator," in the NIPA tables. The implicit price deflator is calculated as the ratio of current-dollar value to the corresponding chained-dollar value multiplied by 100.

In addition, BEA prepares measures of real GDP and its components in a dollar-denominated form, designated "*chained (1992) dollar estimates*." These estimates are computed by multiplying the 1992 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 1992 and if real output for this component increased by 10 percent in 1993, then the "chained (1992) dollar" value of this component in 1993 would be $110 ($100 × 1.10). Note that percentage changes in the chained (1992) 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 (1992) 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. In cases where the residual is large, the table of contributions of the major components to the change in real GDP provides a better basis for determining the composition of GDP growth than the chained-dollar estimates.

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 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 yearly 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.

Reconciliation Tables

Table 1.—Reconciliation of Changes in BEA-Derived Compensation Per Hour with BLS Average Hourly Earnings

[Percent change from preceding period]

	Seasonally adjusted at annual rates							
	1994	1995	1996	1996		1997		
				III	IV	I	II	III P
BEA-derived compensation per hour of all persons in the nonfarm business sector (less housing)	**1.8**	**2.4**	**3.2**	**2.9**	**3.3**	**4.5**	**3.3**	**4.6**
Less: Contribution of supplements to wages and salaries per hour	.1	–.6	–.6	–.5	–1.0	–.4	–.3	–.5
Plus: Contribution of wages and salaries per hour of persons in housing and in nonprofit institutions	0	0	–.1	0	–.4	.1	–.2	.1
Less: Contribution of wages and salaries per hour of persons in government enterprises, unpaid family workers, and self-employed	0	.2	.1	.5	–.2	.1	–.2	.3
***Equals*: BEA-derived wages and salaries per hour of all employees in the private nonfarm sector**	**1.8**	**2.8**	**3.6**	**2.9**	**4.0**	**4.9**	**3.5**	**4.8**
Less: Contribution of wages and salaries per hour of nonproduction workers in manufacturing	.2	.1	–.2	–.3	–.3	–.3	–.1	–.1
Less: Other differences [1]	–1.0	–.1	.5	–.4	.5	1.1	.6	1.4
***Equals*: BLS average hourly earnings of production or nonsupervisory workers on private nonfarm payrolls**	**2.6**	**2.9**	**3.3**	**3.7**	**3.9**	**4.2**	**3.0**	**3.5**
Addendum:								
BLS estimates of compensation per hour in the nonfarm business sector [2]	1.7	2.5	3.1	2.9	3.3	4.5	3.2	.....

P Preliminary.

1. 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.

2. 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 Factor Income in the National Income and Product Accounts (NIPA's) to Balance on Goods, Services, and Income in the Balance of Payments Accounts (BPA's)

[Billions of dollars]

	Line	1995	1996	Seasonally adjusted at annual rates					
				1996				1997	
				I	II	III	IV	I	II
Exports of goods, services, and income, BPA's	**1**	**991.5**	**1,055.2**	**1,025.5**	**1,049.3**	**1,047.9**	**1,098.2**	**1,118.1**	**1,170.9**
Less: Gold, BPA's	2	5.1	6.9	6.3	12.5	5.2	3.7	6.7	9.3
Statistical differences [1]	3	0	0	0	0	0	0	.6	.9
Other items	4	.9	1.1	.8	1.0	1.5	1.1	.8	.7
Plus: Adjustment for grossing of parent/affiliate interest payments	5	8.0	8.7	10.1	7.3	8.4	8.9	8.6	8.3
Adjustment for U.S. territories and Puerto Rico	6	33.3	34.0	33.2	34.1	33.6	34.9	35.4	36.5
Services furnished without payment by financial intermediaries except life insurance carriers and private noninsured pension plans	7	14.5	15.3	14.3	14.8	15.9	16.3	16.5	17.0
***Equals*: Exports of goods and services and receipts of factor income, NIPA's**	**8**	**1,041.2**	**1,105.1**	**1,076.1**	**1,092.0**	**1,099.0**	**1,153.4**	**1,170.4**	**1,221.9**
Imports of goods, services, and income, BPA's	**9**	**1,086.5**	**1,163.4**	**1,115.4**	**1,156.9**	**1,183.5**	**1,198.0**	**1,243.2**	**1,290.8**
Less: Gold, BPA's	10	5.3	7.7	6.8	14.6	6.2	3.4	8.7	11.0
Statistical differences [1]	11	0	0	0	0	0	0	–3.4	–4.0
Other items	12	0	0	0	0	0	0	0	0
Plus: Gold, NIPA's	13	–3.6	–3.8	–3.4	–3.6	–4.0	–4.2	–3.6	–3.9
Adjustment for grossing of parent/affiliate interest payments	14	8.0	8.7	10.1	7.3	8.4	8.9	8.6	8.3
Adjustment for U.S. territories and Puerto Rico	15	21.9	22.4	21.6	22.3	22.4	23.4	24.1	26.1
Imputed interest paid to rest of world	16	14.5	15.3	14.3	14.8	15.9	16.3	16.5	17.0
***Equals*: Imports of goods and services and payments of factor income, NIPA's**	**17**	**1,122.0**	**1,198.3**	**1,151.4**	**1,183.0**	**1,219.9**	**1,238.8**	**1,283.5**	**1,331.3**
Balance on goods, services, and income, BPA's (1–9)	**18**	**–95.0**	**–108.2**	**–89.9**	**–107.6**	**–135.6**	**–99.8**	**–125.1**	**–119.9**
Less: Gold (2–10+13)	19	–3.8	–4.6	–3.9	–5.7	–5.0	–3.9	–5.6	–5.6
Statistical differences (3–11) [1]	20	0	0	0	0	0	0	4.0	4.9
Other items (4–12)	21	.9	1.1	.8	1.0	1.5	1.1	.8	.7
Plus: Adjustment for U.S. territories and Puerto Rico (6–15)	22	11.4	11.6	11.6	11.8	11.2	11.5	11.3	10.4
***Equals*: Net exports of goods and services and net receipts of factor income, NIPA's (8–17)**	**23**	**–80.8**	**–93.2**	**–75.3**	**–91.0**	**–120.9**	**–85.4**	**–113.1**	**–109.4**

1. Consists of statistical revisions in the NIPA's that have not yet been incorporated into the BPA's (1997:II) and statistical revisions in the BPA's that have not yet been incorporated in the NIPA's (1997:I-1997:II).

Appendix B
Suggested Reading

Mid-Decade Strategic Plan

BEA has published the following articles in the SURVEY OF CURRENT BUSINESS on the development and implementation of its strategic plan for improving the accuracy, reliability, and relevance of the national, regional, and international accounts.

"Mid-Decade Strategic Review of BEA's Economic Accounts: Maintaining and Improving Their Performance" (February 1995)*

"Mid-Decade Strategic Review of BEA's Economic Accounts: An Update" (April 1995)*

"BEA's Mid-Decade Strategic Plan: A Progress Report" (June 1996)*

Mid-Decade Strategic Review of BEA's Economic Accounts: Background Papers (1995) presents seven background papers that evaluate the state of the U.S. economic accounts and that identify the problems and the prospects for improving the accounts.

Methodology

BEA has published a wealth of information about the methodology used to prepare its national, regional, and international estimates.

National

National income and product accounts (NIPA's)

NIPA Methodology Papers: This series documents the conceptual framework of the NIPA's and the methodology used to prepare the estimates.

An Introduction to National Economic Accounting (NIPA Methodology Paper No. 1, 1985) [Also appeared in the March 1985 issue of the SURVEY]

Corporate Profits: Profits Before Tax, Profits Tax Liability, and Dividends (NIPA Methodology Paper No. 2, 1985)

Foreign Transactions (NIPA Methodology Paper No. 3, 1987)

GNP: An Overview of Source Data and Estimating Methods (NIPA Methodology Paper No. 4, 1987) [Also appeared in the July 1987 issue of the SURVEY]

Government Transactions (NIPA Methodology Paper No. 5, 1988)

Personal Consumption Expenditures (NIPA Methodology Paper No. 6, 1990)

The methodologies described in these papers are subject to periodic improvements that are typically introduced as part of the annual and comprehensive revisions of the NIPA's; these improvements are described in the SURVEY articles that cover these revisions.

"Annual Revision of the U.S. National Income and Product Accounts": This series of SURVEY articles, the latest of which was published in the August 1997 issue,* describes the annual NIPA revisions and the improvements in methodology.

The most recent comprehensive revision of the NIPA's is described in the following series of SURVEY articles.

"Preview of the Comprehensive Revision of the National Income and Product Accounts: BEA's New Featured Measures of Output and Prices" (July 1995)*

"Preview of the Comprehensive Revision of the National Income and Product Accounts: Recognition of Government Investment and Incorporation of a New Methodology for Calculating Depreciation" (September 1995)*

"Preview of the Comprehensive Revision of the National Income and Product Accounts: New and Redesigned Tables" (October 1995)*

"Improved Estimates of the National Income and Product Accounts for 1959–95: Results of the Comprehensive Revision" (January/February 1996)*

"Completion of the Comprehensive Revision of the National Income and Product Accounts, 1929–96" (May 1997)*

"Updated Summary NIPA Methodologies" (September 1997 SURVEY)* identifies the principal source data and estimating methods that are used to prepare the estimates of gross domestic product (GDP).

Availability

For the availability of some of these publications, see the inside back cover of this issue. See also the *User's Guide to BEA Information*: To request a copy, write to the Public Information Office, BE–53, Bureau of Economic Analysis, U.S. Department of Commerce, Washington DC 20230, call 202–606–9900, or visit BEA's Internet site at <http://www.bea.doc.gov>.

* Items with an asterisk can be found on BEA's Internet site at <http://www.bea.doc.gov>.

Information on the sources and methods used to prepare the national estimates of personal income, which provide the basis for the State estimates of personal income, can be found in *State Personal Income, 1929–93* (1995).*

"Gross Domestic Product as a Measure of U.S. Production" (August 1991 SURVEY) briefly explains the difference between GDP and gross national product.

The conceptual basis for the chain-type measures of real output and prices used in the NIPA's is described in the following SURVEY articles.

"Alternative Measures of Change in Real Output and Prices" (April 1992)*

"Economic Theory and BEA's Alternative Quantity and Price Indexes" (April 1992)*

"Alternative Measures of Change in Real Output and Prices, Quarterly Estimates for 1959–92" (March 1993)*

"Preview of the Comprehensive Revision of the National Income and Product Accounts: BEA's New Featured Measures of Output and Prices" (July 1995)*

"BEA's Chain Indexes, Time Series, and Measures of Long-Term Economic Growth" (May 1997)*

"Reliability and Accuracy of the Quarterly Estimates of GDP" (October 1993 SURVEY)* evaluates GDP estimates by examining the record of revisions in the quarterly estimates.

"A Look at How BEA Presents the NIPA's" (May 1996 SURVEY)* explains how to locate the NIPA estimates and some of the conventions used in their presentation.

Wealth and related estimates

"Improved Estimates of Fixed Reproducible Tangible Wealth, 1929–95" (May 1997 SURVEY)* describes the most recent revision of the estimates of fixed reproducible tangible wealth.

Gross product by industry

"Improved Estimates of Gross Product by Industry, 1959–94" (August 1996 SURVEY)* describes the most recent comprehensive revision of the estimates of gross product by industry.

"Gross Product by Industry, 1947–96" (November 1997 SURVEY)* presents the most recent revision to the estimates of gross product by industry and briefly describes changes in methodology.

Input-output accounts

"Benchmark Input-Output Accounts for the U.S. Economy, 1992" (November 1997 SURVEY)* describes the preparation of the 1992 input-output accounts and the concepts and methods underlying the U.S. input-output accounts.

International

Balance of payments accounts (BPA's)

The Balance of Payments of the United States: Concepts, Data Sources, and Estimating Procedures (1990) describes the methodologies used in preparing the estimates in the BPA's and of the international investment position of the United States. These methodologies are subject to periodic improvements that are typically introduced as part of the annual revisions of the BPA's.

"U.S. International Transactions, Revised Estimates": This series of SURVEY articles, the latest of which was published in the July 1997 issue,* describes the annual BPA revisions and the improvements in methodology.

Direct investment

The coverage, concepts, definitions, and classifications used in the benchmark surveys of U.S. direct investment abroad and of foreign direct investment in the United States are presented in the publications of the final results of the following benchmark surveys.

U.S. Direct Investment Abroad: 1989 Benchmark Survey, Final Results (1992)*

Foreign Direct Investment in the United States: 1992 Benchmark Survey, Final Results (1995)*

The types of data on direct investment that are collected and published by BEA and the clarifications of the differences between the data sets are presented in the following SURVEY articles.

"A Guide to BEA Statistics on U.S. Multinational Companies" (March 1995)*

"A Guide to BEA Statistics on Foreign Direct Investment in the United States" (February 1990)*

Regional

Personal income

State Personal Income, 1929–93 (1995)* includes a description of the methodology used to prepare the estimates of State personal income. [Also available on the CD-ROM "State Personal Income, 1958–96"]

Local Area Personal Income, 1969–92 (1994)* includes a description of the methodology used to prepare the estimates of local area personal income. [Also available on the CD-ROM "Regional Economic Information System, 1969–95"]

Gross state product

"Comprehensive Revision of Gross State Product by Industry, 1977–94" (June 1997 SURVEY)* summarizes the sources and methods for BEA's estimates of gross state product.

BEA INFORMATION

The economic information prepared by the Bureau of Economic Analysis (BEA) is available in news releases, in publications, on computer diskettes, on CD–ROM's, and on the Internet. For a description of these products in the free ***User's Guide to BEA Information***, write to the Public Information Office, BE–53, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230, or call (202) 606–9900. The ***User's Guide*** and other information are also available on BEA's home page at **http://www.bea.doc.gov**.

In addition, the following publications are available from the Superintendent of Documents of the Government Printing Office (GPO). To order, write to Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250–7954, call (202) 512–1800 or fax (202) 512–2250. Pay by check to the Superintendent of Documents or charge to a GPO deposit account, to VISA, or to MasterCard.

Benchmark Input-Output Accounts of the United States, 1987. (1994) Presents summary and detailed make and use tables for industries and commodities; tables showing commodity- and industry-output-require-ments per dollar of commodity demanded; and tables showing the input-output (I-O) commodity composition of personal consumption expenditures and producers' durable equipment expenditures in the national income and product accounts. Presents concepts and methods used in the 1987 benchmark accounts; concordance beween I-O and 1987 Standard Industrial Classification codes; description of the components of the measures of output, intermediate inputs, and value added; and mathematical derivation of total requirements tables. (468 pages) $29.00, stock no. 003–010–00251–4.

Regional Multipliers: A User Handbook for the Regional Input- Output Modeling System (RIMS II), Third Edition. (1997) This handbook describes the five types of RIMS II multipliers that are available for nearly 500 industries and for any county or for any group of counties. It details the information that the users need in order to effectively use the RIMS II multipliers to analyze the economic and industrial impact of public and private projects and programs on State and local areas. The handbook also includes case studies that illustrate the uses of the RIMS II multipliers and a description of the methodology that the Bureau of Economic Analysis uses to estimate the multipliers. (63 pages) $6.00, stock no. 003–010–00264–6.

State Personal Income, 1929–93. (1995) Presents detailed annual estimates for States and regions of personal income for 1929–93, including estimates of per capita personal income, personal income by major source, and earnings by industry. Also presents annual estimates of disposable personal income and per capita disposable personal income for 1948–93 and quarterly estimates of personal income for 1969–93. Provides information about the sources and methods used to prepare the estimates for 1987–93 and samples of all the detailed tables of personal income and employment that are available for regions, States, counties, and metropolitan areas. (444 pages) $27.00, stock no. 003–010–00257–3.

Foreign Direct Investment in the United States: 1992 Benchmark Survey, Final Results. (1995) Presents detailed data on the financial structure and operations of U.S. affiliates of foreign direct investors, on the foreign direct investment position in the United States, and on the balance-of-payments transactions between U.S. affiliates and their foreign parent companies in 1992. Includes data for items, such as employment covered by collective bargaining agreements and merchandise trade by product and country of destination and origin, that are only collected in benchmark surveys. Benchmark surveys are conducted every 5 years and are BEA's most comprehensive surveys in terms of both the number of companies covered and the amount of information gathered. The data are classified by industry of affiliate and by country of ultimate beneficial owner, and selected data are classified by State. Provides information about the coverage, the concepts and definitions, and the classifications used in the survey. (312 pages) $20.00, stock no. 003–010–00259–0.

Foreign Direct Investment in the United States: Operations of U.S. Affiliates of Foreign Companies. (1997) Two publications: One presents the revised estimates for 1994, and the other, the preliminary estimates for 1995 from BEA's annual surveys of the financial structure and operations of nonbank U.S. affiliates of foreign direct investors. The estimates are presented by industry of the U.S. affiliate and by country of the ultimate beneficial owner (UBO) and for selected estimates, by industry of UBO and by State. **Preliminary 1995 Estimates** (108 pages) $8.50, stock no. 003–010–00268–9; **Revised 1994 Estimates** (108 pages) $8.50, stock no. 003–010–00267–1.

Foreign Direct Investment in the United States: Establishment Data for 1992. (1997) This publication, which presents the results of a project by BEA and the Bureau of the Census, provides the most recently available data on the number, employment, payroll, and shipments or sales of foreign-owned U.S. establishments in more than 800 industries at the Standard Industrial Classification four-digit level and by State and by country of owner. Presents additional information—such as data on value added, employee benefits, hourly wage rates of production workers, and expenditures for plant and equipment—for manufacturing establishments. (364 pages) $28.00, stock no. 003–010–00265–4.

Foreign Direct Investment in the United States: Establishment Data for Manufacturing, 1991. (1994) A joint effort by BEA and the Bureau of the Census. Presents the most recently available data for foreign-owned U.S. manufacturing establishments (plants) by detailed industry (up to 459 industries), by State, and by country of investor. Includes data on the number of plants, value added, shipments, employment, total employee compensation, employee benefits, the hourly wage rates of production workers, the cost of materials and energy used, inventories by stage of fabrication, and expenditures for new plant and equipment. (220 pages) $14.00, stock no. 003–010–00250–6.

U.S. Direct Investment Abroad: 1994 Benchmark Survey, Preliminary Results. (1997) Presents preliminary results from the latest benchmark survey of the worldwide operations of U.S. multinational companies. Contains detailed 1994 data on the operations of U.S. parent companies and their foreign affiliates in 103 tables organized by country and by industry. (140 pages) $14.00, stock no. 003–010–00263–8.

U.S. Direct Investment Abroad: Operations of U.S. Parent Companies and Their Foreign Affiliates, Revised 1993 Estimates. (1996) Provides revised results for 1993 from BEA's annual survey of the worldwide operations of U.S. multinational companies. Contains information on the financial structure and operations of U.S. parent companies and their foreign affiliates. Data are classified by country and industry of affiliate and by industry of U.S. parent. (120 pages) $11.00, stock no. 003–010–00262–0.

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** Joint release by the Bureau of the Census and BEA.*

For information, call (202) 606-9900, Bureau of Economic Analysis, U.S. Department of Commerce.