



Bureau of Economic Analysis

Survey of Current Business

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November 1997

Special in this issue

20. Gross Product by Industry, 1947–96

The estimates of gross product by industry have been revised to incorporate the final results of the most recent comprehensive revision of the NIPA's, the results of this year's annual revision of the NIPA's, and newly available source data. In addition, new estimates are available for 1996, which represents a speedup in the availability of estimates for the most recent complete year. For 1992–96, one-half of the 2.6-percent growth rate in real GDP was accounted for by durable goods manufacturing (0.8 percent) and by services (0.5 percent). For the total economy, the labor share of gross product declined slightly, from 58½ percent in 1992 to 58 percent in 1996, as a decline in the labor share for manufacturing was nearly offset by an increase in the labor share for non-manufacturing.

36. Benchmark Input Output Accounts for the U.S. Economy, 1992: Make, Use, and Supplementary Tables

The 1992 benchmark input-output (I-O) accounts present a detailed picture of how industries interact to provide input to and take output from each other. The 1992 I-O accounts incorporate a number of changes, including the major improvements that were introduced in the most recent comprehensive revision of the NIPA's, that enable the accounts to more accurately reflect the evolving U.S. economy and that increase the accuracy and reliability of the estimates. In addition, the publication of these accounts within a year of the release of the final results of the 1992 economic censuses represents a speedup in their availability as outlined in BEA's Strategic Plan.

84. Note on Alternative Measures of Gross Product by Industry

The preceding two articles present two independently derived measures of current-dollar gross product by industry for 1992. This note briefly describes the differences between the two measures and the efforts that are underway to better integrate them.

Regular features

1. Business Situation

Real GDP increased 3.5 percent in the third quarter of 1997, about the same pace as in the second quarter; personal consumption expenditures, which increased 5.7 percent, contributed the most to the third-quarter increase in GDP. The price index for gross domestic purchases increased 1.2 percent after increasing 0.8 percent.

6. Motor Vehicles, Model Year 1997

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.

12. Comparison of BEA Estimates of Personal Income and IRS Estimates of Adjusted Gross Income: New Estimates for 1995 and Revised Estimates for 1947–94

BEA's measure of personal income and the IRS measure of adjusted gross income—two widely used measures of household income—are reconciled through a series of adjustments for definitional and statistical differences between the two measures. This reconciliation incorporates the final results of the most recent comprehensive revision of the NIPA's, the results of this year's annual revision of the NIPA's, and information from the Statistics of Income Bulletin.

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

For both 1995 and 1996, the reconciliation of the U.S.-Canadian current account results in a U.S. current-account deficit with Canada that is somewhat larger than the deficit in the U.S.-published accounts. The annual reconciliation shows how the current-account estimates would appear if both countries used the same definitions, methodologies, and data sources.

100. Personal Income by State and Region, Second Quarter 1997

Personal income in the Nation increased 1.2 percent in the second quarter of 1997 after increasing 1.9 percent in the first quarter. In all States, the increases in personal income exceeded the 0.2-percent increase in prices paid by U.S. consumers. Arkansas, Arizona, Nevada, and Delaware had the fastest growth in personal income in the second quarter.

116. Errata

Reports and statistical presentations

D-1. BEA Current and Historical Data

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.

B U S I N E S S S I T U A T I O N

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

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 (NIPAs) (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 NIPAs 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]

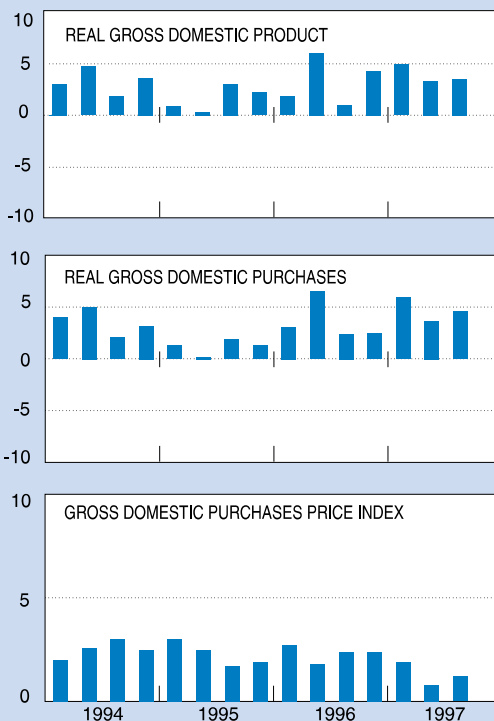
	Billions of chained (1992) dollars					Percent change from preceding quarter			
	Level	Change from preceding quarter				1996			
		1997	1996	1997			1997		
	III	IV	I	II	III	IV	I	II	III
Gross domestic product	7,221.8	73.6	84.2	58.0	62.2	4.3	4.9	3.3	3.5
Less: Exports of goods and services	975.7	49.7	21.6	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

Percent



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				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 Gov-

ernment 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

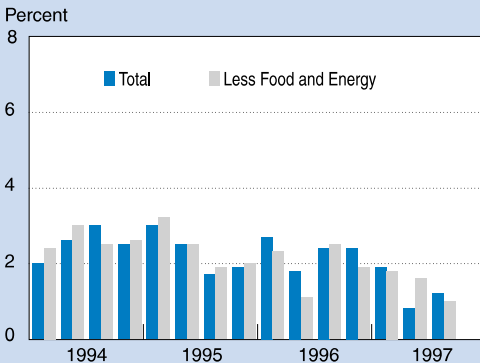
[Percent change at annual rates; based on seasonally adjusted index numbers (1992=100)]

	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

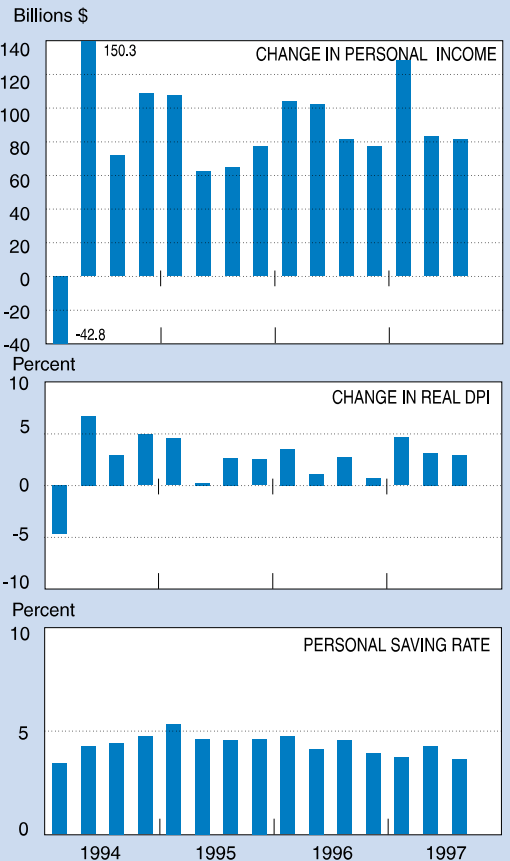


Note—Percent change at annual rate from preceding quarter; based on seasonally adjusted index numbers (1992=100).

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

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.

changes very similar to those 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

Table 4.—Personal Income and Its Disposition

[Billions of dollars; seasonally adjusted at annual rates]

	Level	Change from preceding quarter				
		1997	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 CCAAdj	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 CCAAdj	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

CCAAdj Capital consumption adjustment

B U S I N E S S S I T U A T I O N

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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 NIPAs 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.

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

[Seasonally adjusted at annual rates]

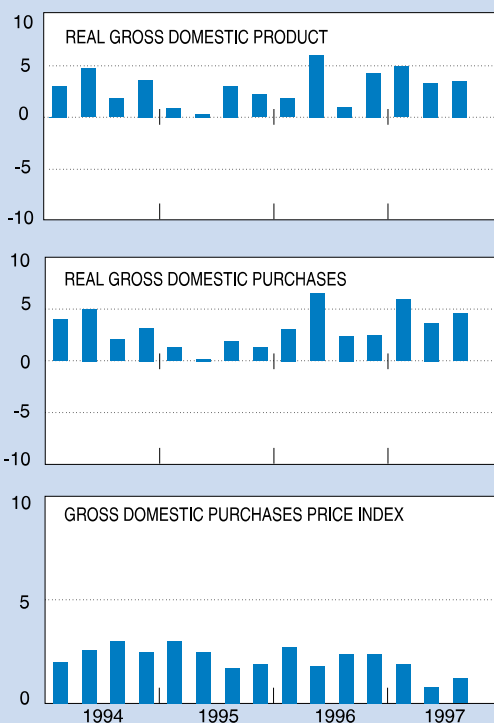
	Billions of chained (1992) dollars					Percent change from preceding quarter			
	Level	Change from preceding quarter				1997			
		1997	1996	1997			1997		
	III	IV	I	II	III	IV	I	II	III
Gross domestic product	7,221.8	73.6	84.2	58.0	62.2	4.3	4.9	3.3	3.5
Less: Exports of goods and services	975.7	49.7	21.6	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

Percent



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				1997			
	1997	1996	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 Gov-

ernment 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

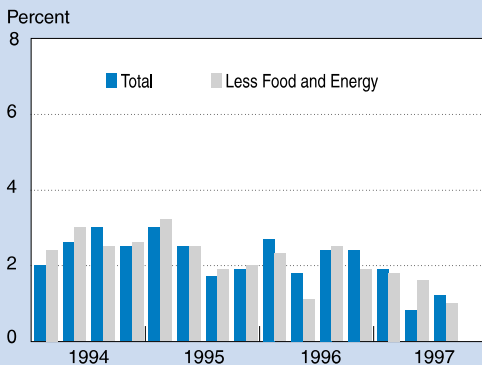
[Percent change at annual rates; based on seasonally adjusted index numbers (1992=100)]

	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

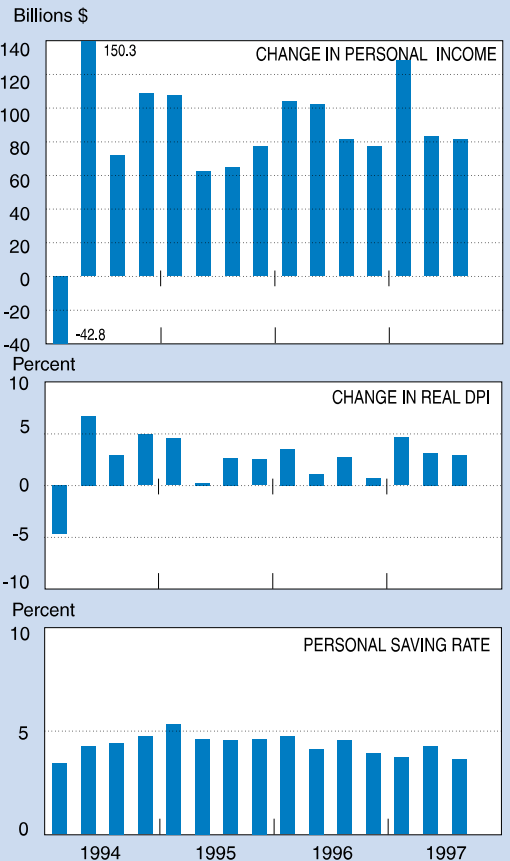


Note—Percent change at annual rate from preceding quarter; based on seasonally adjusted index numbers (1992=100).

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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.

changes very similar to those 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

Table 4.—Personal Income and Its Disposition

[Billions of dollars; seasonally adjusted at annual rates]

	Level	Change from preceding quarter				
		1997	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 CCAAdj	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 CCAAdj	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

CCAAdj 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

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.

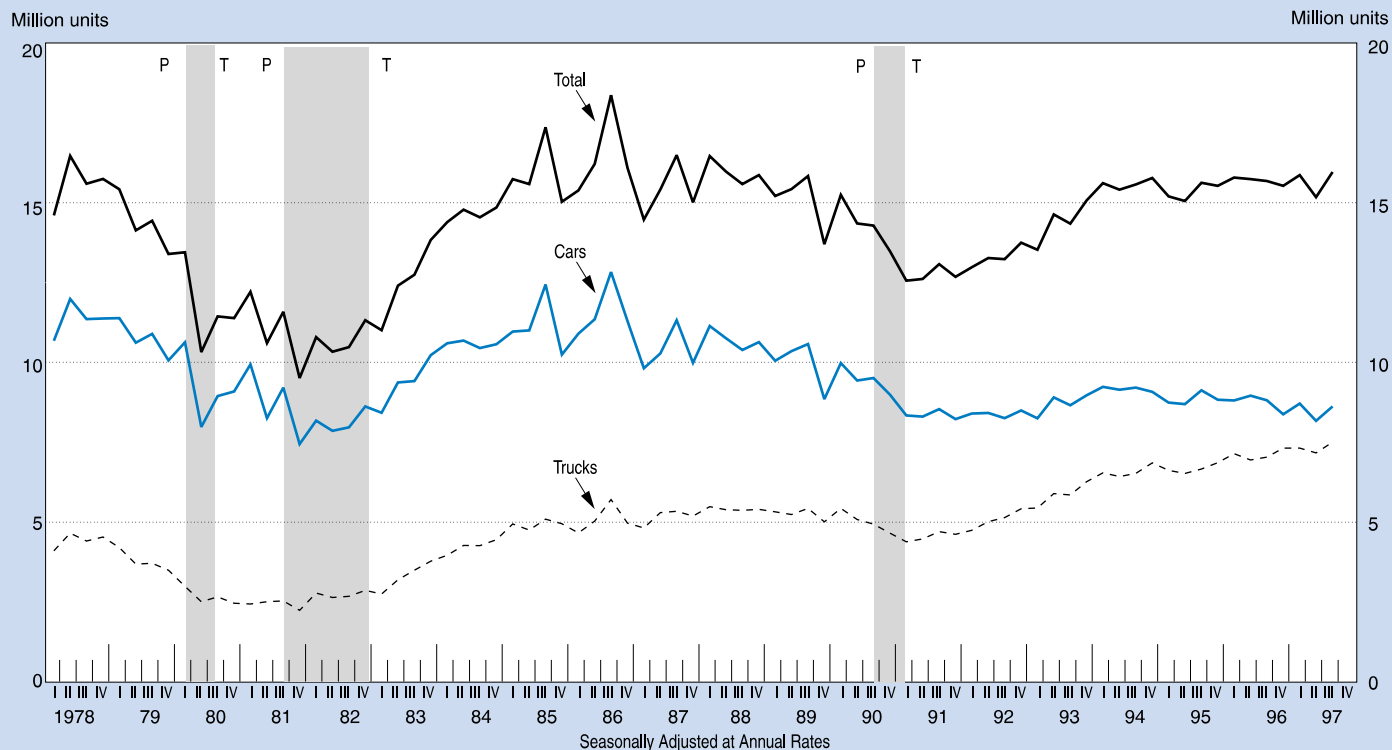
decreased 0.5 percent in 1997 after increasing 1.5 percent in 1996. The slight decrease was more than accounted for by sales of domestic cars; sales of domestic trucks and sales of both imported cars and trucks increased (table 1).²

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

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.

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.

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 print-out 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				
	1992	1993	1994	1995	1996	1997	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

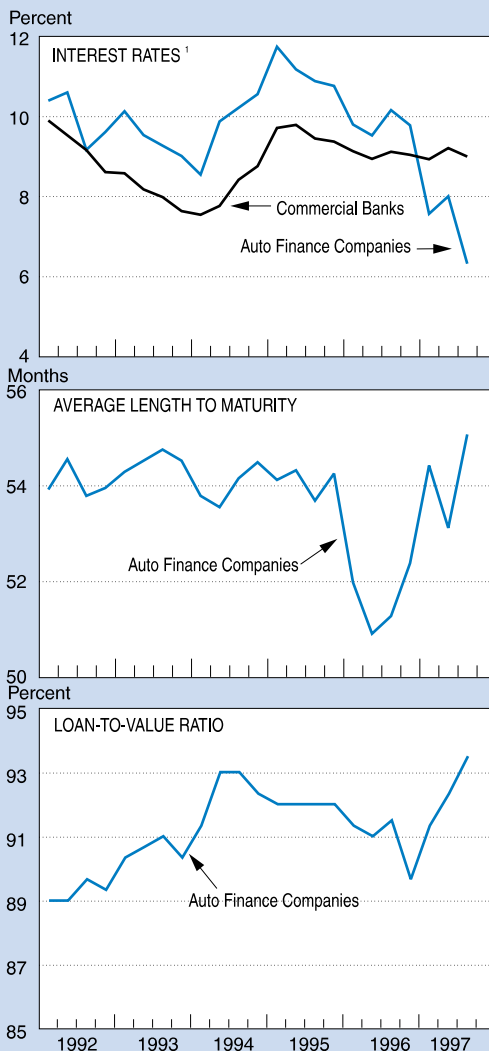
maturity of new-car loans made by the finance companies increased to 53.7 months from 52.1 months. (Longer term loans tend to increase sales to marginal buyers because they reduce monthly payments.)

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).

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

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. dol-

lar 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.

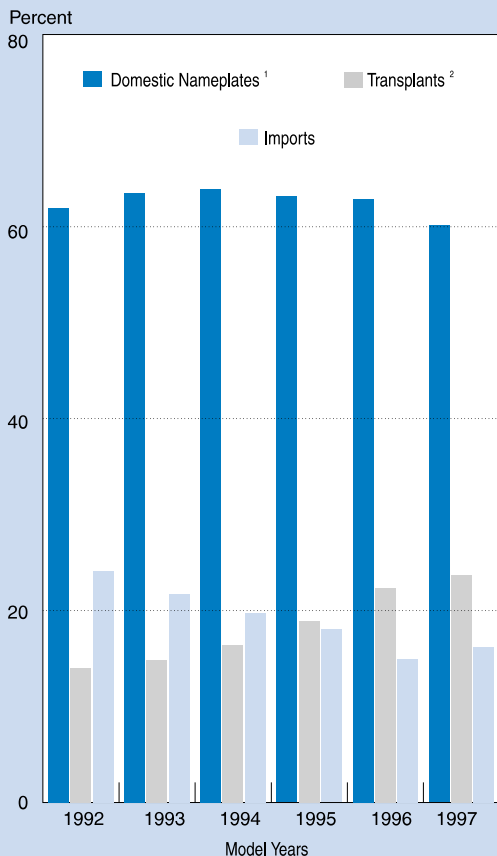
Sales of all size-classes of cars except luxury cars decreased in 1997. Sales of small cars decreased to 2.2 million units, and their market share decreased to 27.1 percent from 27.4 percent. Sales of middle-sized cars decreased to 4.0 million, and their market share decreased to 48.2 percent from 49.3 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

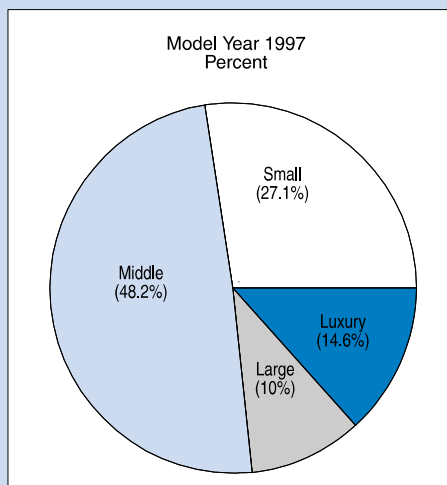
Share of New Cars by Source



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 foreign companies.
 Data: Motor Vehicle Manufacturers Association of the United States, Inc. and Ward's Automotive Reports, seasonally adjusted by BEA.

CHART 4

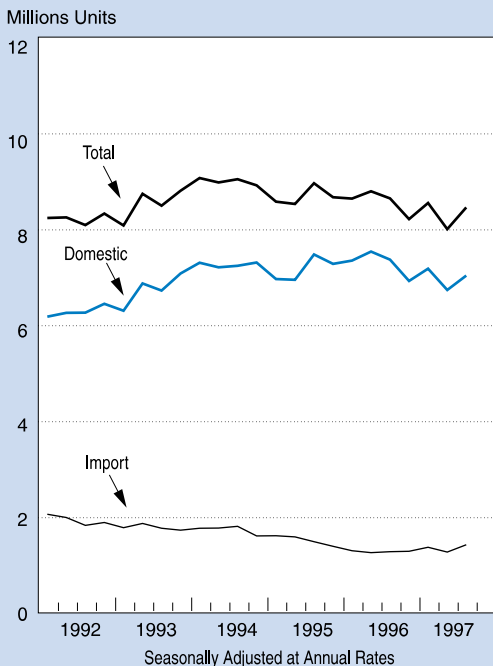
Share of New Car Sales by Size Class



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

CHART 5

Retail Sales of New Cars



Data: American Automobile Manufacturers Association, Inc. and *Ward's Automotive Reports*, seasonally adjusted by BEA. U.S. Department of Commerce, Bureau of Economic Analysis

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

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.

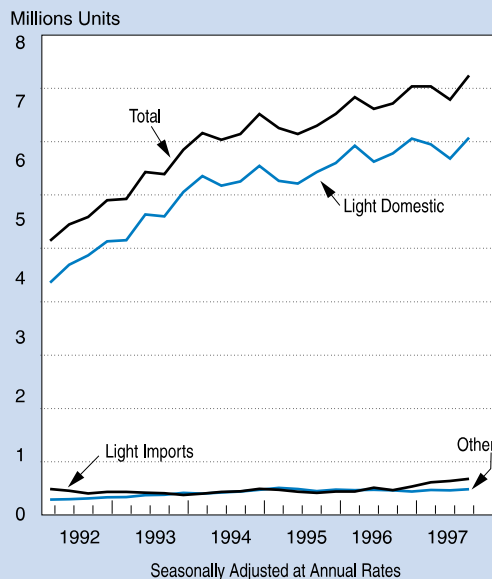
pickups and vans also contributed. Sales of conventional pickups decreased.

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, multi-purpose 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


Retail Sales of New Trucks



Note—Retail sales of domestic trucks are classified by gross vehicle weight as light (up to 10,000 pounds) and "other" (over 10,000 pounds). Imported trucks include imports by U.S. manufacturers. Data: American Automobile Manufacturers Association, Inc. and *Ward's Automotive Reports*, seasonally adjusted by BEA. U.S. Department of Commerce, Bureau of Economic Analysis

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). 

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

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.

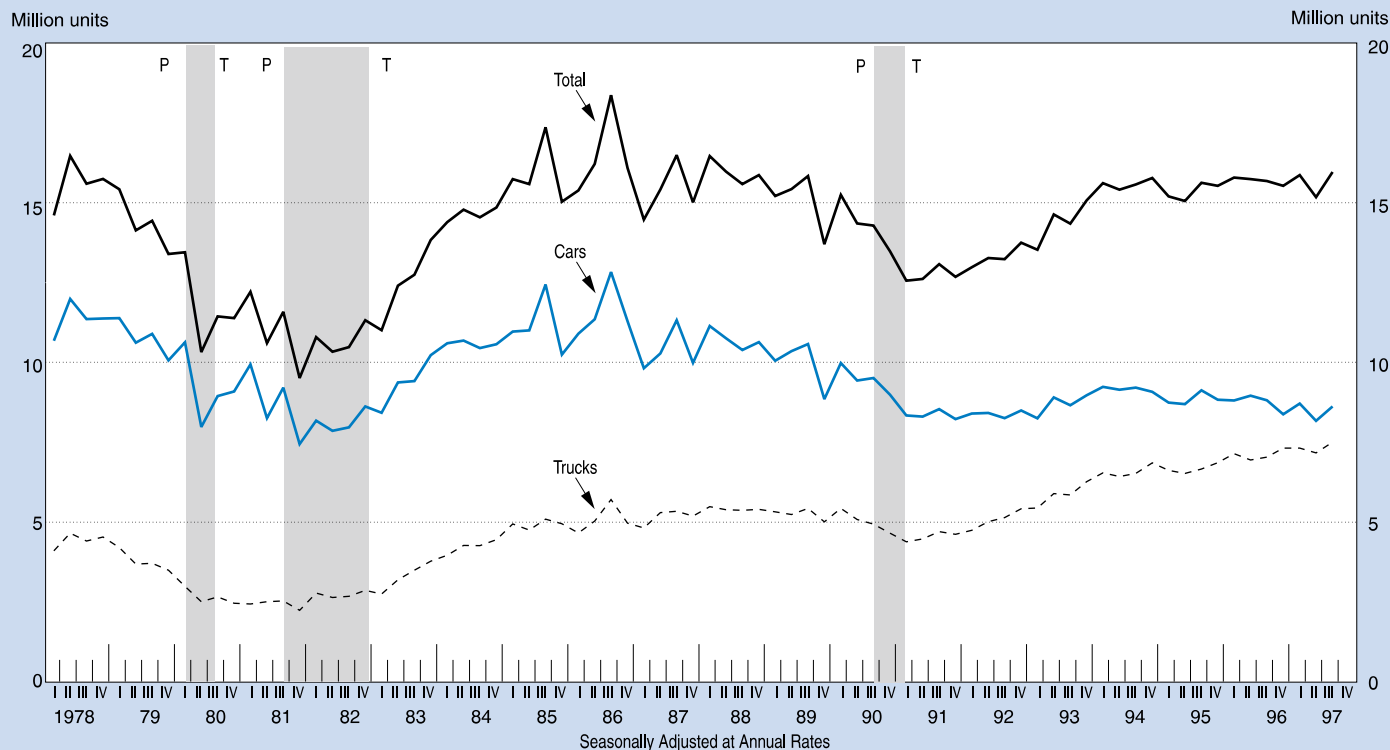
decreased 0.5 percent in 1997 after increasing 1.5 percent in 1996. The slight decrease was more than accounted for by sales of domestic cars; sales of domestic trucks and sales of both imported cars and trucks increased (table 1).²

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

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.

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.

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 print-out 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				
	1992	1993	1994	1995	1996	1997	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
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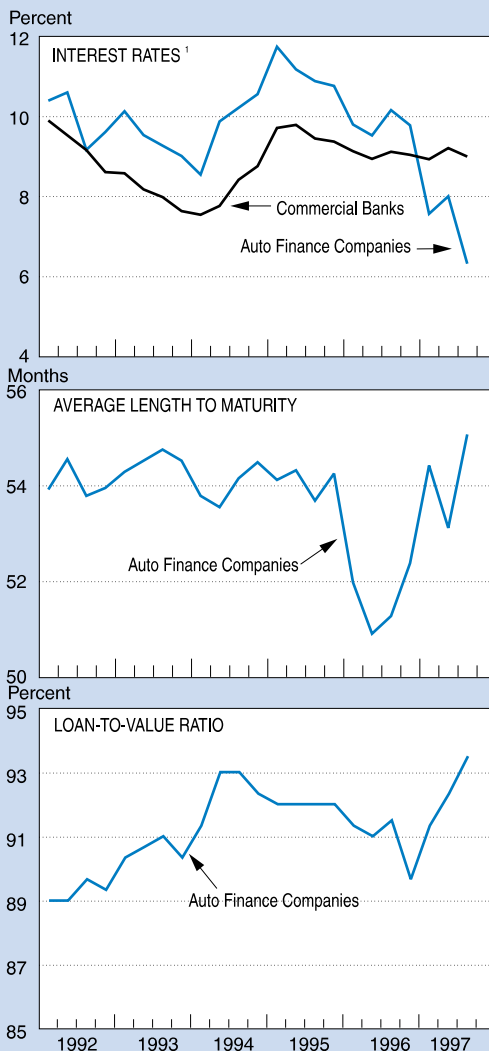
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However, new-vehicle sales may have been dampened by developments in the used-vehicle market. A growing number of 2- and 3-year-old vehicles have become available in the used-vehicle market as leasing arrangements expire; this growth reflects the sharp 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.

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CHART 2
Finance Terms on 48-Month New Car Installment Loans


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

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.

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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.

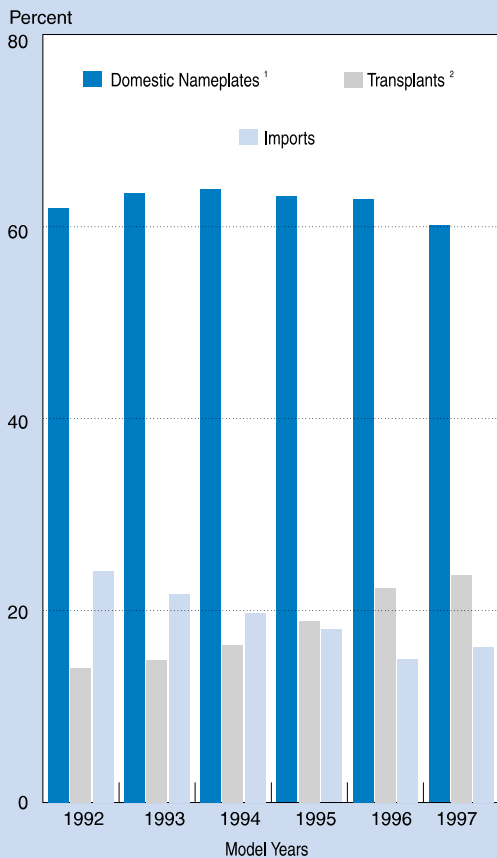
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CHART 3

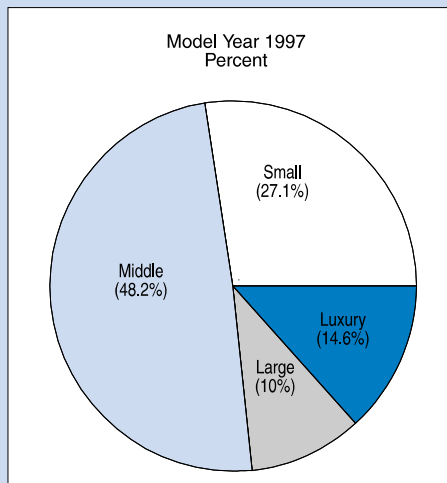
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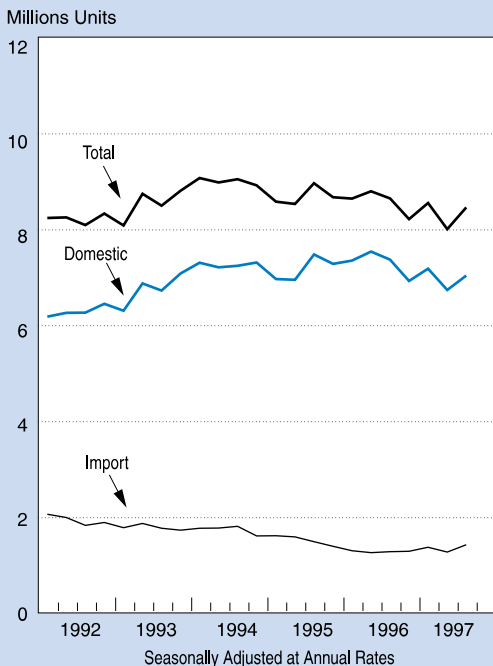
Share of New Car Sales by Size Class



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CHART 5

Retail Sales of New Cars



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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.

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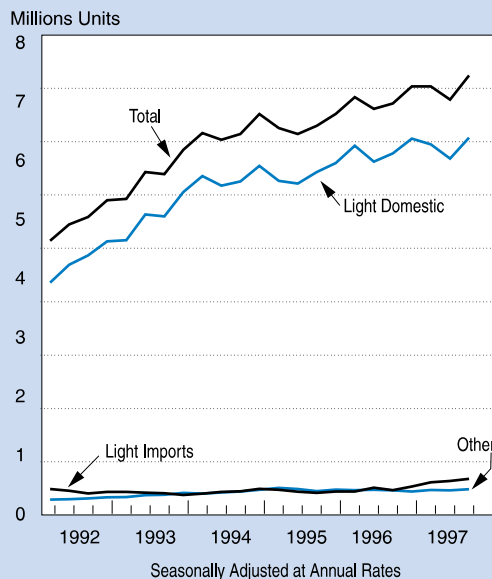
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CHART 6


Retail Sales of New Trucks



Note—Retail sales of domestic trucks are classified by gross vehicle weight as light (up to 10,000 pounds) and "other" (over 10,000 pounds). Imported trucks include imports by U.S. manufacturers. Data: American Automobile Manufacturers Association, Inc. and *Ward's Automotive Reports*, seasonally adjusted by BEA. U.S. Department of Commerce, Bureau of Economic Analysis

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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-driven 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 CCAAdj		Rental income of persons with CCAAdj	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	147.4	0	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		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	5,519.2	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	147.6	0	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					

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 CCAAdj		Rental income of persons with CCAAdj	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	639.1
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	150.5	0	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

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.

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

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 CCAAdj		Rental income of persons with CCAAdj	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	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	641.1
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	159.6	0	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—non-disability 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

CCAAdj 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 non-wage 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			Personal dividend and interest income			Taxable pensions and annuities	Taxable unemployment compensation	Taxable social security benefits	Addenda	
			Farm	Nonfarm	Rental income of persons	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	58.8
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

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.

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

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. 

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-

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
Government3	.3	-1	-4	.0

Acknowledgments

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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.

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 pub-

lic 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.

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.

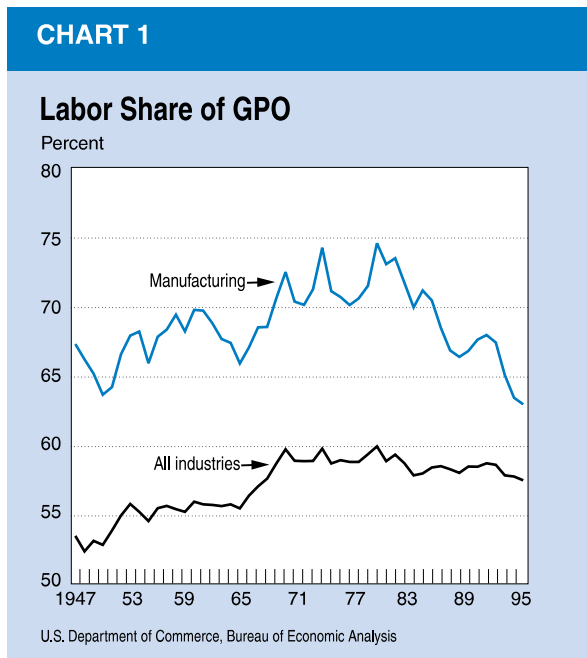
3. Consists of transportation and public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

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

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.



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

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

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
Nonmanufacturing²	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		
	Pre-viously published	Revised	Revision	Pre-viously published	Revised	Revision	Pre-viously published	Revised	Revision	Pre-viously 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.

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.

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. 

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

	Billions of current dollars					Chain-type quantity indexes (1992=100)					Average annual rate of change, 1992–96
	1992	1993	1994	1995	1996	1992	1993	1994	1995	1996	
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 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 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	27.1	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	5.0	4.8	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	598.8
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	50.7	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 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										
4	Farms	224.5	224.9	242.1	240.9	266.1	100.00	97.61	105.70	104.26	104.35
5	Agricultural services, forestry, and fishing	187.7	186.5	202.9	197.9	219.9	100.00	97.16	106.26	102.31	102.86
		36.8	38.4	39.2	43.0	46.1	100.00	99.67	103.73	114.11	115.60
6	Mining										
7	Metal mining	160.0	160.2	157.5	156.6	183.5	100.00	100.72	103.03	102.06	102.12
8	Coal mining	11.4	10.6	12.0	13.2	12.3	100.00	98.83	101.60	99.85	100.15
9	Oil and gas extraction	28.9	26.0	27.8	26.8	26.9	100.00	94.92	103.91	103.23	105.87
10	Nonmetallic minerals, except fuels	105.5	109.4	102.0	100.3	127.2	100.00	102.35	102.18	100.64	99.59
		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	Nonurable 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	123.3	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	Nonurable 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.)

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 Economic 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

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.

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.

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	Transportation	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				
		Agriculture	Mining	Construction	Manufacturing	Transportation	Trade	Finance	Services	Other*	Total intermediate 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 intermediate 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.

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.

Improvements and changes

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

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

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

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.

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

10. See "Preview of the Comprehensive Revision of the National Income and Product Accounts: New and Redesignated 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 pro-

ducers' 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

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](#)."

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

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 <i>Fisheries of the United States</i>
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 <i>Freight Commodity Statistics</i> Census Bureau 1992 Census of Transportation, Communications, and Utilities, <i>Motor Freight Transportation and Warehousing Survey, and Service Annual Survey</i> U.S. Army Corps of Engineers <i>1992 Waterborne Commerce of the United States</i> Department of Transportation <i>Air Carrier Financial Statistics and National Transportation Statistics</i>
Communications	Trade sources annual reports Census Bureau 1992 Census of Transportation, Communications, and Utilities
Utilities	Department of Energy <i>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</i> Census Bureau 1992 Census of Transportation, Communications, and Utilities Rural Electrification Administration <i>1992 Statistical Report, Rural Electric Borrowers</i>
Wholesale and retail trade	Census Bureau 1992 Census of Wholesale Trade, 1992 Census of Retail Trade, <i>1992 Combined Annual and Revised Monthly Retail Trade, 1992 Annual Wholesale Trade, and 1993 Annual Retail Trade Survey</i>
Finance	Census Bureau 1992 Census of Financial, Insurance, and Real Estate Industries Federal Deposit Insurance Corporation <i>Statistics on Banking</i> Federal Home Loan Bank Board financial reports National Credit Union Administration <i>Yearend Statistics for Federally Insured Credit Unions</i> 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 <i>Best's 1992 Aggregate and Averages Property/Casualty Insurance</i> Mortgage Insurance Companies of America <i>1994-1995 Factbook</i> U.S. Department of Labor, Pension Welfare Benefits Administration American Council of Life Insurers <i>1992 Life Insurance Fact Book</i>
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, <i>1992 Service Annual Survey, 1993 Annual Retail Trade Survey</i> U.S. Department of Education Digest of Educational Statistics <i>The Economic Report on Veterinarians & Veterinary Practices</i>
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 quad-

rant 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;

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.”

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.

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.

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.

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.

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.

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.

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	1,104	53	16	1,173	
7	Coal mining	68	28	69	165					-3	8	4	3,122	1,095	88	4,305	
8	Crude petroleum and natural gas					23			23	-105	17	4	3,290	294	66	3,650	
9+10	Nonmetallic minerals mining	39	47	23	109					25	-28	-3	686	494	6	1,186	
11	New construction					339,916			339,916							77	77
12	Maintenance and repair construction					20,362			20,362								
13	Ordnance and accessories	1,473	6	1,023	2,502					-1,855		-3	3,592	23	43	3,658	
14	Food and kindred products	248,010	6,759	133,135	387,904					150	39	-71	19,630	841	1,791	22,262	
15	Tobacco products	30,395	181	17,432	48,008					2,137	12	126	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	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	1,724	66	172	1,962	
18	Apparel	80,934	627	86,794	168,355					3,897	40	494	4,065	8	498	4,571	
19	Miscellaneous fabricated textile products	11,189	99	9,872	21,180					470	2	56	528	810	4	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	10,660	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	9,627
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	7	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					-139	-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		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	2,263
41	Screw machine products and stampings	1,345	16	1,509	2,870	2,415	108	434	2,957	67	14	5	49	271	28	269	2,468
42	Other fabricated metal products	4,266	136	3,979	8,381	2,415	108	434	2,957	67	14	5	-189	5,419	80	292	5,791
43	Engines and turbines	169	3	45	917	17,803	915	6,709	25,427	-184	-1	-12	-54	1,302	41	287	1,630
44+45	Farm, construction, and mining machinery					5,743	184	2,298	7,225	-41	-1	-12	-54	1,302	41	287	1,630
46	Materials handling machinery and equipment	687	4	980	1,651	17,652	338	2,629	20,619	18	8	9	35	3,686	51	444	4,181
47	Special industry machinery and equipment	237	2	227	466	16,820	332	2,433	19,585	-106	-8	-4	-110	4,510	63	574	5,147
48	General industrial machinery and equipment					11,300	156	1,221	12,677	-80	2	-8	-86	7,834	107	873	8,614
50	Miscellaneous machinery, except electrical	136	7	109	252	700	15	91	806	-59	11	-7	-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	-24	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	7	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									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																

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				Commodity number	
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		
-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	41								5+6	
-133			-133	1			1	28	12	1	41	28	4		32	20	1		21	7	
-43,984			-43,984	-898			-7	-202	-40	-10	-252									8	
				-3	-4			5			9									9	
				5,234			5,234	10,569			10,569	20,251			20,251	80,809			217	11	
				6,649			6,649	3,780			3,780	6,802			6,802	25,263			25,263	12	
				16,479	51	52	16,582	2,698			2,698					145	1	7	153	13	
-809			-809	269	3	29	301	195	7	29		4,061	89	515	4,665	4,593	108	1,053	5,754	14	
-21,850			-21,850												-1	-19	-1	-1	-21	15	
-1,587			-1,587												79	143	2	2	154	16	
-4,397			-4,397	51		7	58	12			12	73	1	5	19	57	7	11	69	17	
-1,879			-1,879	3			3	46	1	4	51	18		1	7	1,085	3	154	1,248	18	
-38,484			-38,484	505	4	73	582	7			1	6		1	73	379	3	46	428	19	
-2,870			-2,870	150	4	18	172	56			62	67	6	6	73	379	3	46	428	20	
-7,143			-7,143	14			14	17			17	75	6	6	98	101	2	2	112	21	
-6,026			-6,026	10			11	188			34	222	1,601	329	1,938	1,065	2	340	1,407	22	
-10,715			-10,715	98	1	10	109	601	16	16	47	664	1,654	113	1,944	1,606	89	161	1,856	24	
-247			-247	40			42	51	5	3	55	55	2	2	43	159	8	13	180	25	
-199			-199	290	2	16	308	706	27	82	815	4,346	146	502	4,994	2,124	27	172	2,323	26	
-1,783			-1,783	3,109	88	35	3,232	1,159	32	26	1,217	826	45	82	921	2,711	180	185	3,076	27	
-2,330			-2,330	8			9	19			21	146	5	50	201	354	16	96	466	28	
-3,827			-3,827	11			12	6			6	1			1	1				29	
-13,193			-13,193	365	2	58	425	165			171	119	18	18	137	4,817	28	760	5,605	30	
-2,052			-2,052	126	2	17	145	54	4	6	74	136	9	38	183	592	28	101	741	31	
-200			-200					6			1	7			362	116	7	18	1,421	32	
-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	33	
-13,253			-13,253	423	62		562	202	15	39	256	110	19	18	147	1,802	125	349	2,276	34	
-12,824			-12,824	41			48	4								160	3	9	172	35	
-2,159			-2,159	16			17	151	2	12	152	73	1	7	81	309	3	34	346	36	
-4,551			-4,551	30	4	3	37	64	2	1	78	80	2	2	91	100	5	12	117	37	
-10,893			-10,893	221	22	8	251	9	1	1	10	7	2	1	10	80	9	9	96	38	
-10,228			-10,228	84	1	5	90	158	1	15	174	5	1		6	73	30	4	107	39	
-201			-201	15			16				5				5					40	
-1,008			-1,008	342	11	9	362	335	3	23	361				11			1	12	41	
-2,628			-2,628	122	1	32	155	71		5	76	39			43	87	11	11	98	42	
-8,510			-8,510	426	8	72	506	208	12	31	251	452	29	75	556	1,039	53	176	1,268	43	
-2,413			-2,413	677	8		696	287	4	3	294	96			105	294	2	14	310	44	
-4,754			-4,754	473	28	101	602	33	1	5	39	86	3	28	117	1,577	94	342	2,013	45	
-1,468			-1,468	50	2	17	69	15	4	19	9				12	6			46	46	
-5,127			-5,127	24	1	2	27	40			40	222	5	36	263	178	3	20	201	47	
-5,881			-5,881	24			27	135			136	249	2	38	289	338	3	3	378	48	
-7,796			-7,796	244	4	35	283	48	14	17	298	147	10	9	155	92	3	3	49	49	
-1,895			-1,895	584	25	21	630	267	14	17	298	170	17	501	1,889	1,962	12	433	2,407	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			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			1,737	260			271	81			87	156			163	57	
-8,062			-8,062	1,196	18	165	1,379	251			20	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	4,796	59A	
-21,743			-21,743	417	8	205	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	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			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	
				1,949			1,949	502			502	5,534			5,534	9,933			9,933	67	
-695			-695	346			346	152			152	2,023			2,023	1,622			1,622	68A	
				495			495	541			541	1,395			1,395	253			253	68B	
								15			15									68C	
								2			2									68D	
18,317			18,317					1,030			1,030					11,106			11,106	70A	
-265			-265					2,280			2,280				351	181			181	70B	
-1,136			-1,136	17			17													70C	
				512			512	3,179			3,179	806			806	9,226			9,226	71A	
				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	6									

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	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.):						72B Personal and repair services (except auto)	11,143			11,143
	Total	259,465	9,661	144,583	413,709	18	Jewelry and watches (d.):				
	1 Livestock and livestock products	1,866	21	615	2,502		Total	13,153	58	18,434	31,645
	2 Other agricultural products	14,987	2,972	10,929	28,888		62 Scientific and controlling instruments	1,611	17	2,094	3,722
	3 Forestry and fishery products	867	17	389	1,273		64 Miscellaneous manufacturing	12,312	41	15,704	28,057
	9+10 Nonmetallic minerals mining	6	8	4	18		81 Scrap, used and secondhand goods	-770		636	-134
	14 Food and kindred products	241,859	6,605	132,382	380,846	19	Other misc. personal, clothing and jewelry services (s.):				
	27A Industrial and other chemicals	599	38	264	901		Total	16,042			16,042
	69B Retail trade	2			2		72B Personal and repair services (except auto)	16,022			16,022
	81 Scrap, used and secondhand goods	-721			-721		73C Other business and professional services, except medical	20			20
4	Purchased meals and beverages (n.d.):					21	Toilet articles and preparations (n.d.):				
	Total	245,963			245,963		Total	21,996	613	15,294	37,903
	65A Railroads and related services; passenger ground transportation	60			60		19 Miscellaneous fabricated textile products	89		56	145
	65D Air transportation	24			24		29B Cleaning and toilet preparations	19,370	410	13,313	33,093
	74 Eating and drinking places	242,151			242,151		32 Rubber and miscellaneous plastics products	45	2	43	90
	76 Amusements	3,633			3,633		42 Other fabricated metal products	843	32	577	1,452
	77B Educational and social services, and membership organizations	95			95		54 Household appliances	648	33	316	997
5	Food furnished to employees (including military) (n.d.):						58 Miscellaneous electrical machinery and supplies	511	68	504	1,083
	Total	6,091	193	802	7,086		64 Miscellaneous manufacturing	490	68	485	1,043
	1 Livestock and livestock products	127	1		128	22	Barbershops, beauty parlors, and health clubs (s.):				
	2 Other agricultural products	180	38	47	265		Total	20,065			20,065
	3 Forestry and fishery products	19		2	21		72A Hotels and lodging places	1,114			1,114
	14 Food and kindred products	5,765	154	753	6,672		72B Personal and repair services (except auto)	15,601			15,601
6	Food produced and consumed on farms (n.d.):						76 Amusements	3,350			3,350
	Total	590			590	24	Owner-occupied nonfarm dwellings-space rent (s.):				
	1 Livestock and livestock products	88			88		Total	451,983			451,983
	2 Other agricultural products	116			116		71A Owner-occupied dwellings	451,983			451,983
	14 Food and kindred products	386			386	25	Tenant-occupied nonfarm dwellings-rent (s.):				
7	Tobacco products (n.d.):						Total	160,733			160,733
	Total	30,395	181	17,432	48,008		71B Real estate and royalties	160,733			160,733
	15 Tobacco products	30,395	181	17,432	48,008	26	Rental value of farm dwellings (s.):				
12	Shoes and other footwear (n.d.):						Total	5,349			5,349
	Total	14,926	121	17,856	32,903		71A Owner-occupied dwellings	5,267			5,267
	32 Rubber and miscellaneous plastics products	3,749	67	4,560	8,376		71B Real estate and royalties	82			82
	33+34 Footwear, leather, and leather products	11,177	54	13,255	24,486	27	Other housing (s.):				
	81 Scrap, used and secondhand goods			41	41		Total	24,509			24,509
							72A Hotels and lodging places	24,509			24,509
14	Women's and children's clothing and accessories, except shoes (n.d.):					29	Furniture, including mattresses and bedsprings (d.):				
	Total	57,151	540	65,715	123,406		Total	20,041	122	18,794	38,957
	16 Broad and narrow fabrics, yarn and thread mills	1,344	30	2,047	3,421		22+23 Furniture and fixtures	19,943	122	18,235	38,300
	18 Apparel	48,207	363	57,057	105,627		81 Scrap, used and secondhand goods	98		559	657
	19 Miscellaneous fabricated textile products	201	2	187	390	30	Kitchen and other household appliances (d.):				
	24 Paper and allied products, except containers	3,349	37	1,615	5,001		Total	14,508	626	9,153	24,287
	26B Other printing and publishing	208	37	396	641		38 Primary nonferrous metals manufacturing	61	1	41	103
	32 Rubber and miscellaneous plastics products	24	2	39	65		40 Heating, plumbing, and fabricated structural metal products	302	12	207	521
	33+34 Footwear, leather, and leather products	3,663	45	3,201	6,909		52 Service industry machinery	742	13	530	1,285
	64 Miscellaneous manufacturing	274	24	460	758		54 Household appliances	12,342	584	7,474	20,400
	69B Retail trade	88		2	90		58 Miscellaneous electrical machinery and supplies	1,020	16	757	1,793
	72B Personal and repair services (except auto)	25			25		81 Scrap, used and secondhand goods	41		144	185
	81 Scrap, used and secondhand goods	-232		711	479	31	China, glassware, tableware, and utensils (d.):				
15	Men's and boys' clothing and accessories, except shoes (n.d.):						Total	8,156	227	11,194	19,577
	Total	33,851	296	31,128	65,275		20+21 Lumber and wood products	595	14	768	1,377
	16 Broad and narrow fabrics, yarn and thread mills	131	2	191	324		32 Rubber and miscellaneous plastics products	3,667	110	5,618	9,395
	18 Apparel	32,557	264	29,714	62,535		35 Glass and glass products	424	22	591	1,037
	32 Rubber and miscellaneous plastics products	17	1	19	37		36 Stone and clay products	747	16	852	1,615
	33+34 Footwear, leather, and leather products	1,150	17	834	2,001		38 Primary nonferrous metals manufacturing	10	2	12	24
	64 Miscellaneous manufacturing	110	12	148	270		41 Screw machine products and stampings	1,228	13	1,310	2,551
	69B Retail trade	43			43		42 Other fabricated metal products	857	50	1,107	2,014
	72B Personal and repair services (except auto)	38			38		64 Miscellaneous manufacturing	573		710	1,283
	81 Scrap, used and secondhand goods	-195		222	27	32	Other durable house furnishings (d.):				
16	Standard clothing issued to military personnel (n.d.):						Total	18,088	599	20,106	38,793
	Total	218		26	244		17 Miscellaneous textile goods and floor coverings	5,143	237	4,850	10,230
	18 Apparel	170		23	193		19 Miscellaneous fabricated textile products	454	4	432	890
	19 Miscellaneous fabricated textile products	8			8		20+21 Lumber and wood products	1,554	45	1,451	3,050
	33+34 Footwear, leather, and leather products	40		3	43		22+23 Furniture and fixtures	1,680	41	1,613	3,334
17	Cleaning, storage, and repair of clothing and shoes (s.):						26B Other printing and publishing	41		35	76
	Total	11,365			11,365						
	72A Hotels and lodging places	222			222						

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

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	NIPA category ¹	NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices
55	Nursing homes (s.):						59B Truck and bus bodies, trailers, and motor vehicles parts	4,277	132	3,318	7,277
	Total	50,166			50,166		81 Scrap, used and secondhand goods	-557	-29	542	-44
56	Health insurance (s.):					74	Repair, greasing, washing, parking, storage, rental and leasing (s.):				
	Total	43,224			43,224		Total	90,128		165	90,293
61	Brokerage charges and investment counseling (s.):						75 Automotive repair and services	90,099		165	90,264
	Total	28,719			28,719		76 Amusements	6			6
62	Bank service charges, trust services, and safe deposit box rental (s.):					75	Gasoline and oil (n.d.):				
	Total	30,934			30,934		Total	47,638	2,737	54,505	104,880
63	Services furnished without payment by financial intermediaries except life insurance carriers and private noninsured pension plans (s.):						31 Petroleum refining and related products	47,638	2,737	54,505	104,880
	Total	137,479			137,479		76 Bridge, tunnel, ferry, and road tolls (s.):				
64	Expense of handling life insurance (s.):						Total	2,839			2,839
	Total	69,380			69,380		79 State and local government enterprises	2,839			2,839
65	Legal services (s.):					77	Motor vehicle insurance (s.):				
	Total	44,864			44,864		Total	25,728			25,728
66	Funeral and burial expenses (s.):					79	Mass transit systems (s.):				
	Total	9,994	24	944	10,962		Total	6,463			6,463
67	Other personal business (s.):					80	Taxicab (s.):				
	Total	18,891			18,891		Total	2,586			2,586
70	New autos (d.):					82	Railway (s.):				
	Total	64,878	1,748	11,390	78,016		Total	647			647
71	Net purchases of used autos (d.):					83	Bus (s.):				
	Total	17,223		13,954	31,177		Total	1,595			1,595
72	Other motor vehicles (d.):					84	Airline (s.):				
	Total	47,383	1,112	12,028	60,523		Total	21,281			21,281
73	Tires, tubes, accessories, and other parts (d.):					85	Other intercity transportation (s.):				
	Total	13,063	2,756	14,704	30,523		Total	3,592			3,592
74	Health insurance (s.):					87	Books and maps (d.):				
	Total	43,224			43,224		Total	9,795	363	6,990	17,148
61	Brokerage charges and investment counseling (s.):						26B Other printing and publishing	9,778	363	6,768	16,909
	Total	28,719			28,719		69B Retail trade	21			21
62	Bank service charges, trust services, and safe deposit box rental (s.):						81 Scrap, used and secondhand goods	-4		222	218
	Total	30,934			30,934		88 Magazines, newspapers, and sheet music (n.d.):				
63	Services furnished without payment by financial intermediaries except life insurance carriers and private noninsured pension plans (s.):						Total	14,755	772	6,432	21,959
	Total	137,479			137,479		26A Newspapers and periodicals	14,339	653	6,018	21,010
64	Expense of handling life insurance (s.):						26B Other printing and publishing	711	119	406	1,236
	Total	69,380			69,380		81 Scrap, used and secondhand goods	-295		8	-287
65	Legal services (s.):					89	Nondurable toys and sport supplies (n.d.):				
	Total	44,864			44,864		Total	18,158	371	17,994	36,523
66	Funeral and burial expenses (s.):						1 Livestock and livestock products	218	11	137	366
	Total	9,994	24	944	10,962		3 Forestry and fishery products	754		398	1,152
67	Other personal business (s.):						13 Ordnance and accessories	599	6	371	976
	Total	18,891			18,891		17 Miscellaneous textile goods and floor coverings				
70	New autos (d.):						24 Paper and allied products, except containers	63	2	62	127
	Total	64,878	1,748	11,390	78,016		26B Other printing and publishing	131	13	122	266
71	Net purchases of used autos (d.):						27A Industrial and other chemicals	102		65	167
	Total	17,223		13,954	31,177		32 Rubber and miscellaneous plastics products	345	63	287	695
72	Other motor vehicles (d.):						53 Electrical industrial equipment and apparatus	123	5	117	245
	Total	47,383	1,112	12,028	60,523		55 Electric lighting and wiring equipment	11		6	17
73	Tires, tubes, accessories, and other parts (d.):						58 Miscellaneous electrical machinery and supplies	53	1	52	106
	Total	13,063	2,756	14,704	30,523			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	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		65A Railroads and related services; passenger ground transportation	2,181			2,181
	64 Miscellaneous manufacturing	13,472	252	14,465	28,189		65C Water transportation	1,373			1,373
	72B Personal and repair services (except auto)	15		8	23		65D Air transportation	91			91
	81 Scrap, used and secondhand goods			3	3		70B Insurance	2			2
90	Wheel goods, sports and photographic equipment, boats, and pleasure aircraft (d.):						73C Other business and professional services, except medical	64			64
	Total	17,347	217	12,528	30,092		76 Amusements	26,023			26,023
	13 Ordnance and accessories	874		652	1,526		77B Educational and social services, and membership organizations	151			151
	19 Miscellaneous fabricated textile products	625	7	471	1,103	100	Pari-mutuel net receipts (s.):				
	32 Rubber and miscellaneous plastics products	128	49	149	326		Total	3,366			3,366
	33+34 Footwear, leather, and leather products	306	13	253	572		76 Amusements	3,366			3,366
	42 Other fabricated metal products	356	10	263	629	101	Other recreational expenditures (s.):				
	43 Engines and turbines	169	3	45	217		Total	74,579	69	1,454	76,102
	58 Miscellaneous electrical machinery and supplies	31		7	38		1 Livestock and livestock products	1,410	68	538	2,016
	60 Aircraft and parts	465	1	57	523		3 Forestry and fishery products	1,412	1	49	1,462
	61 Other transportation equipment	7,132	67	2,873	10,072		4 Agricultural, forestry, and fishery services	729			729
	62 Scientific and controlling instruments	159	1	60	220		66 Communications, except radio and TV	19,883			19,883
	63 Ophthalmic and photographic equipment	1,177	9	992	2,178		67 Radio and TV broadcasting	1,839			1,839
	64 Miscellaneous manufacturing	4,992	57	5,760	10,809		72A Hotels and lodging places	3,496			3,496
	73C Other business and professional services, except medical	666		414	1,080		72B Personal and repair services (except auto)	5,318			5,318
	81 Scrap, used and secondhand goods	267		532	799		73A Computer and data processing services ...	307			307
							73C Other business and professional services, except medical	5,520		400	5,920
91	Video and audio products, computing equipment, and musical instruments (d.):						76 Amusements	18,734			18,734
	Total	33,796	387	22,857	57,040		77A Health services	5,108			5,108
	33+34 Footwear, leather, and leather products	30		21	51		77B Educational and social services, and membership organizations	982			982
	51 Computer and office equipment	5,100	60	3,612	8,772		79 State and local government enterprises	9,783			9,783
	56 Audio, video, and communication equipment	19,643	282	12,908	32,833		81 Scrap, used and secondhand goods	58		467	525
	57 Electronic components and accessories	211		111	322	103	Higher education (s.):				
	58 Miscellaneous electrical machinery and supplies	1,044	22	620	1,686		Total	52,428			52,428
	64 Miscellaneous manufacturing	867	20	807	1,694		77B Educational and social services, and membership organizations	52,428			52,428
	71B Real estate and royalties	3,200		1,994	5,194	104	Nursery, elementary, and secondary schools (s.):				
	73A Computer and data processing services ...	2,137	2	825	2,964		Total	23,311			23,311
	76 Amusements	1,368	1	1,552	2,921		77B Educational and social services, and membership organizations	23,311			23,311
	81 Scrap, used and secondhand goods	196		407	603	105	Other private education and research (s.):				
							Total	20,738			20,738
92	Radio and television repair (s.):						76 Amusements	712			712
	Total	3,438			3,438		77B Educational and social services, and membership organizations	20,026			20,026
	72B Personal and repair services (except auto)	3,064			3,064	106	Religious and welfare activities (s.):				
	73C Other business and professional services, except medical	374			374		Total	112,314			112,314
							77B Educational and social services, and membership organizations	112,314			112,314
93	Flowers, seeds, and potted plants (n.d.):						108	Foreign travel by U.S. residents (s.):			
	Total	4,541	537	6,883	11,961		Total	45,943			45,943
	2 Other agricultural products	4,248	537	6,883	11,668		65C Water transportation	3,243			3,243
	73C Other business and professional services, except medical	293			293		65D Air transportation	12,377			12,377
							80 Noncomparable imports	30,323			30,323
95	Motion picture theaters (s.):						109	Expenditures abroad by U.S. residents (n.d.):			
	Total	4,939			4,939		Total	2,570			2,570
	65D Air transportation	3			3		80 Noncomparable imports	2,570			2,570
	76 Amusements	4,808			4,808	110	Expenditures in the United States by nonresidents (s.):				
	77B Educational and social services, and membership organizations	128			128		Total	-64,871			-64,871
							83 Rest of the world adjustment to final uses	-64,871			-64,871
96	Legitimate theaters and opera, and entertainments of nonprofit institutions (except athletics) (s.):						111	Personal remittances in kind to nonresidents (n.d.):			
	Total	6,037			6,037		Total	-1,610			-1,610
	76 Amusements	5,854			5,854		83 Rest of the world adjustment to final uses	-1,610			-1,610
	77B Educational and social services, and membership organizations	183			183						
97	Spectator sports (s.):						Total personal consumption expenditures	3,551,945	27,193	629,580	4,208,718
	Total	5,131			5,131		Total durable commodities (d.)	282,064	8,239	180,476	470,779
	76 Amusements	2,838			2,838		Total nondurable commodities (n.d.)	855,509	18,861	446,541	1,320,911
	77B Educational and social services, and membership organizations	2,293			2,293		Total services (s.)	2,414,372	93	2,563	2,417,028
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						

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

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	NIPA category ¹	NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	
30	52 Service industry machinery	7,375	112	1,878	9,365	32	61 Other transportation equipment	1,008	45	296	1,349	
	73B Legal, engineering, accounting, and related services	673	.....	.....	673		64 Miscellaneous manufacturing	5,365	596	1,673	7,634
	81 Scrap, used and secondhand goods	27	.....	.....	27		73B Legal, engineering, accounting, and related services	857	.....	.....	857
	Electrical equipment, n.e.c.:						81 Scrap, used and secondhand goods	-93	.....	.....	-93
	Total	8,102	90	1,225	9,417		Sale of equipment scrap, excluding autos:					
	54 Household appliances	374	13	25	412		Total	-2,006	.....	.....	-2,006
	55 Electric lighting and wiring equipment	283	7	66	356		81 Scrap, used and secondhand goods	-2,006	.....	.....	-2,006
	58 Miscellaneous electrical machinery and supplies	659	25	97	781		33	Residential (landlord durables):				
	62 Scientific and controlling instruments	6,125	45	1,037	7,207			Total	3,760	164	1,997	5,921
	73B Legal, engineering, accounting, and related services	682	682			17 Miscellaneous textile goods and floor coverings	1,192	54	457	1,703
81 Scrap, used and secondhand goods	-21	.....	.....	-21	22+23 Furniture and fixtures	191		.....	58	249	
Other nonresidential equipment:					32 Rubber and miscellaneous plastics products	15		1	8	24		
Total	10,660	763	4,122	15,545	54 Household appliances	2,294	108	1,450	3,852			
17 Miscellaneous textile goods and floor coverings	1,151	53	438	1,642	56 Audio, video, and communication equipment	68	1	24	93			
20+21 Lumber and wood products	1	.....	.....	1	Total producers durable equipment	331,344	6,652	60,999	398,995		
32 Rubber and miscellaneous plastics products	70	3	12	85	Total nonresidential equipment	327,584	6,488	59,002	393,074			
44+45 Farm, construction, and mining machinery	2,301	66	1,703	4,070	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	I-O industry number and title	Related 1987 SIC codes
AGRICULTURE, FORESTRY, AND FISHERIES			
1 Livestock and livestock products:		11.0603 Access structures for solid mineral development	*108, *124, *148
1.0100 Dairy farm products	024, *019, *0259, *029	11.0800 Office, industrial, and commercial buildings	*15, *17
1.0200 Poultry and eggs	0251-3, *0259, *019, *0219, *029	11.0900 Other new construction	*15-17
1.0301 Meat animals	0211-4, *0219, *019, *0259, *029	12 Maintenance and repair construction:	
1.0302 Miscellaneous livestock	0271-3, *0279, *019, *0219, *0259, *029	12.0101 Maintenance and repair of farm and nonfarm residential structures.	*15, *17
2 Other agricultural products:		12.0214 Maintenance and repair of highways and streets	*16-17
2.0100 Cotton	0131, *019, *0219, *0259, *029	12.0215 Maintenance and repair of petroleum and natural gas wells.	*138
2.0201 Food grains	*011, *019, *0219, *0259, *029	12.0300 Other maintenance and repair	*15-17
2.0202 Feed grains	*011, *0139, *019, *0219, *0259, *029	MANUFACTURING	
2.0203 Grass seeds	*0139, *019, *0219, *0259, *029	13 Ordnance and accessories:	
2.0300 Tobacco	0132, *019, *0219, *0259, *029	13.0100 Guided missiles and space vehicles	3761
2.0401 Fruits	0171-2, 0174-5, *0179, *019, *0219, *0259, *029	13.0200 Ammunition, except for small arms, n.e.c.	3483
2.0402 Tree nuts	0173, *0179, *019, *0219, *0259, *029	13.0300 Tanks and tank components	3795
2.0501 Vegetables	0134, *0139, 016, *019, *0219, *0259, *029, *0119	13.0500 Small arms	3484
2.0502 Sugar crops	0133, *019, *0219, *0259, *029	13.0600 Small arms ammunition	3482
2.0503 Miscellaneous crops	*0119, *0139, *019, *0219, *0259, *029	13.0700 Ordnance and accessories, n.e.c.	3489
2.0600 Oil bearing crops	0116, *0119, *0139, *0219, *0259, *029	14 Food and kindred products:	
2.0701 Forest products	*018, *019, *0219, *0259, *029	14.0101 Meat packing plants	2011
2.0702 Greenhouse and nursery products	*018, *019, *0219, *0259, *029	14.0102 Sausages and other prepared meat products	2013
3 Forestry and fishery products:		14.0105 Poultry slaughtering and processing	2015
3.0001 Forestry products	081, 083, 097	14.0200 Creamery butter	2021
3.0002 Commercial fishing	091	14.0300 Natural, processed, and imitation cheese	2022
4 Agricultural, forestry, and fishery services:		14.0400 Dry, condensed, and evaporated dairy products	2023
4.0001 Agricultural, forestry, and fishery services	0254, *0279, 071-2, 075-6, 085, 092	14.0500 Ice cream and frozen desserts	2024
4.0002 Landscape and horticultural services	078	14.0600 Fluid milk	2026
MINING			
5+6 Metallic ores mining:		14.0700 Canned and cured fish and seafoods	2091
5.0001 Iron and ferroalloy ores, and miscellaneous metal ores, n.e.c.	101, 106, 1099	14.0800 Canned specialties	2032
6.0100 Copper ore	102	14.0900 Canned fruits, vegetables, preserves, jams, and jellies.	2033
6.0200 Nonferrous metal ores, except copper	103-4, 1094, *108	14.1000 Dehydrated fruits, vegetables, and soups	2034
7 Coal mining:		14.1100 Pickles, sauces, and salad dressings	2035
7.0000 Coal	122-3, *124	14.1200 Prepared fresh or frozen fish and seafoods	2092
8 Crude petroleum and natural gas:		14.1301 Frozen fruits, fruit juices, and vegetables	2037
8.0001 Crude petroleum and natural gas	131-2, *138	14.1302 Frozen specialties, n.e.c.	2038
9+10 Nonmetallic minerals mining:		14.1401 Flour and other grain mill products	2041
9.0001 Dimension, crushed and broken stone	141-2	14.1402 Cereal breakfast foods	2043
9.0002 Sand and gravel	144	14.1403 Prepared flour mixes and doughs	2045
9.0003 Clay, ceramic, and refractory minerals	145	14.1501 Dog and cat food	2047
9.0004 Nonmetallic mineral services and miscellaneous minerals.	*148, 149	14.1502 Prepared feeds, n.e.c.	2048
10.0000 Chemical and fertilizer minerals	147	14.1600 Rice milling	2044
CONSTRUCTION			
11 New construction:		14.1700 Wet corn milling	2046
11.0101 New residential 1-unit structures, nonfarm	*15, *17, *6552	14.1801 Bread, cake, and related products	2051
11.0102 New residential 2-4 unit structures, nonfarm	*15, *17	14.1802 Cookies and crackers	2052
11.0105 New residential additions and alterations, nonfarm ...	*15, *17	14.1803 Frozen bakery products, except bread	2053
11.0108 New residential garden and high-rise apartments	*15, *17, *6552	14.1900 Sugar	2061-3
11.0400 Highways and streets	*16-17	14.2002 Chocolate and cocoa products	2066
11.0501 New farm housing units and additions and alterations.	*15, *17	14.2004 Salted and roasted nuts and seeds	2068
11.0601 Petroleum and natural gas well drilling	*138	14.2005 Candy and other confectionery products, including chewing gum.	2064, 2067
11.0602 Petroleum, natural gas, and solid mineral exploration	*138, *108, *124, *148	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	I-O industry number and title	Related 1987 SIC codes
17 Miscellaneous textile goods and floor coverings:		27.0406 Chemicals and chemical preparations, n.e.c.	2899
17.0100 Carpets and rugs	227	27B Agricultural fertilizers and chemicals:	
17.0600 Coated fabrics, not rubberized	2295	27.0201 Nitrogenous and phosphatic fertilizers	2873-4
17.0700 Tire cord and fabrics	2296	27.0202 Fertilizers, mixing only	2875
17.0900 Cordage and twine	2298	27.0300 Pesticides and agricultural chemicals, n.e.c.	2879
17.1001 Nonwoven fabrics	2297	28 Plastics and synthetic materials:	
17.1100 Textile goods, n.e.c.	2299	28.0100 Plastics materials and resins	2821
18 Apparel:		28.0200 Synthetic rubber	2822
18.0101 Women's hosiery, except socks	2251	28.0300 Cellulosic manmade fibers	2823
18.0102 Hosiery, n.e.c.	2252	28.0400 Manmade organic fibers, except cellulosic	2824
18.0201 Knit outerwear mills	2253	29A Drugs:	
18.0202 Knit underwear and nightwear mills	2254	29.0100 Drugs	283
18.0203 Knitting mills, n.e.c.	2259	29B Cleaning and toilet preparations:	
18.0300 Knit fabric mills	2257-8	29.0201 Soap and other detergents	2841
18.0400 Apparel made from purchased materials	231-8	29.0202 Polishes and sanitation goods	2842
19 Miscellaneous fabricated textile products:		29.0203 Surface active agents	2843
19.0100 Curtains and draperies	2391	29.0300 Toilet preparations	2844
19.0200 Housefurnishings, n.e.c.	2392	30 Paints and allied products:	
19.0301 Textile bags	2393	30.0000 Paints and allied products	285
19.0302 Canvas and related products	2394	31 Petroleum refining and related products:	
19.0303 Pleating and stitching	2395	31.0101 Petroleum refining	291
19.0304 Automotive and apparel trimmings	2396	31.0102 Lubricating oils and greases	2992
19.0305 Schiffli machine embroideries	2397	31.0103 Products of petroleum and coal, n.e.c.	2999
19.0306 Fabricated textile products, n.e.c.	2399	31.0200 Asphalt paving mixtures and blocks	2951
20+21 Lumber and wood products:		31.0300 Asphalt felts and coatings	2952
20.0100 Logging	241	32 Rubber and miscellaneous plastics products:	
20.0200 Sawmills and planing mills, general	2421	32.0100 Tires and inner tubes	301
20.0300 Hardwood dimension and flooring mills	2426	32.0200 Rubber and plastics footwear	302
20.0400 Special product sawmills, n.e.c.	2429	32.0300 Fabricated rubber products, n.e.c.	306
20.0501 Millwork	2431	32.0400 Miscellaneous plastics products, n.e.c.	308
20.0502 Wood kitchen cabinets	2434	32.0500 Rubber and plastics hose and belting	3052
20.0600 Veneer and plywood	2435-6	32.0600 Gaskets, packing, and sealing devices	3053
20.0701 Structural wood members, n.e.c.	2439	33+34 Footwear, leather, and leather products:	
20.0702 Prefabricated wood buildings and components	2452	33.0001 Leather tanning and finishing	311
20.0703 Mobile homes	2451	34.0100 Boot and shoe cut stock and findings	313
20.0800 Wood preserving	2491	34.0201 Shoes, except rubber	3143-4, 3149
20.0901 Wood pallets and skids	2448	34.0202 House slippers	3142
20.0903 Wood products, n.e.c.	2499	34.0301 Leather gloves and mittens	315
20.0904 Reconstituted wood products	2493	34.0302 Luggage	316
21.0000 Wood containers, n.e.c.	2441, 2449	34.0303 Women's handbags and purses	3171
22+23 Furniture and fixtures:		34.0304 Personal leather goods, n.e.c.	3172
22.0101 Wood household furniture, except upholstered	2511	34.0305 Leather goods, n.e.c.	319
22.0102 Household furniture, n.e.c.	2519	35 Glass and glass products:	
22.0103 Wood television and radio cabinets	2517	35.0100 Glass and glass products, except containers	321, 3229, 323
22.0200 Upholstered household furniture	2512	35.0200 Glass containers	3221
22.0300 Metal household furniture	2514	36 Stone and clay products:	
22.0400 Mattresses and bedsprings	2515	36.0100 Cement, hydraulic	324
23.0100 Wood office furniture	2521	36.0200 Brick and structural clay tile	3251
23.0200 Office furniture, except wood	2522	36.0300 Ceramic wall and floor tile	3253
23.0300 Public building and related furniture	253	36.0400 Clay refractories	3255
23.0400 Wood partitions and fixtures	2541	36.0500 Structural clay products, n.e.c.	3259
23.0500 Partitions and fixtures, except wood	2542	36.0600 Vitreous china plumbing fixtures	3261
23.0600 Drapery hardware and window blinds and shades	2591	36.0701 Vitreous china table and kitchenware	3262
23.0700 Furniture and fixtures, n.e.c.	2599	36.0702 Fine earthenware table and kitchenware	3263
24 Paper and allied products, except containers:		36.0800 Porcelain electrical supplies	3264
24.0100 Pulp mills	261	36.0900 Pottery products, n.e.c.	3269
24.0400 Envelopes	2677	36.1000 Concrete block and brick	3271
24.0500 Sanitary paper products	2676	36.1100 Concrete products, except block and brick	3272
24.0701 Paper coating and glazing	2671-2	36.1200 Ready-mixed concrete	3273
24.0702 Bags, except textile	2673-4	36.1300 Lime	3274
24.0703 Die-cut paper and paperboard and cardboard	2675	36.1400 Gypsum products	3275
24.0705 Stationery, tablets, and related products	2678	36.1500 Cut stone and stone products	328
24.0706 Converted paper products, n.e.c.	2679	36.1600 Abrasive products	3291
24.0800 Paper and paperboard mills	262-3	36.1700 Asbestos products	3292
25 Paperboard containers and boxes:		36.1900 Minerals, ground or treated	3295
25.0000 Paperboard containers and boxes	265	36.2000 Mineral wool	3296
26A Newspapers and periodicals:		36.2100 Nonclay refractories	3297
26.0100 Newspapers	271	36.2200 Nonmetallic mineral products, n.e.c.	3299
26.0200 Periodicals	272	37 Primary iron and steel manufacturing:	
26B Other printing and publishing:		37.0101 Blast furnaces and steel mills	3312
26.0301 Book publishing	2731	37.0102 Electrometallurgical products, except steel	3313
26.0302 Book printing	2732	37.0103 Steel wiredrawing and steel nails and spikes	3315
26.0400 Miscellaneous publishing	274	37.0104 Cold-rolled steel sheet, strip, and bars	3316
26.0501 Commercial printing	275	37.0105 Steel pipe and tubes	3317
26.0601 Manifold business forms	276	37.0200 Iron and steel foundries	332
26.0602 Blankbooks, looseleaf binders and devices	2782	37.0300 Iron and steel forgings	3462
26.0700 Greeting cards	277	37.0401 Metal heat treating	3398
26.0802 Bookbinding and related work	2789	37.0402 Primary metal products, n.e.c.	3399
26.0803 Typesetting	2791	37 Primary iron and steel manufacturing:	
26.0806 Platemaking and related services	2796	37.0101 Blast furnaces and steel mills	3312
27A Industrial and other chemicals:		37.0102 Electrometallurgical products, except steel	3313
27.0100 Industrial inorganic and organic chemicals	281, 2865, 2869	37.0103 Steel wiredrawing and steel nails and spikes	3315
27.0401 Gum and wood chemicals	2861	37.0104 Cold-rolled steel sheet, strip, and bars	3316
27.0402 Adhesives and sealants	2891	37.0105 Steel pipe and tubes	3317
27.0403 Explosives	2892	37.0200 Iron and steel foundries	332
27.0404 Printing ink	2893	37.0300 Iron and steel forgings	3462
27.0405 Carbon black	2895	37.0401 Metal heat treating	3398

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

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

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

I-O industry number and title	Related 1987 SIC codes	I-O industry number and title	Related 1987 SIC codes
63 Ophthalmic and photographic equipment:		71.0202 Royalties	
63.0200 Ophthalmic goods	385		
63.0300 Photographic equipment and supplies	386		
64 Miscellaneous manufacturing:		SERVICES	
64.0101 Jewelry, precious metal	3911	72A Hotels and lodging places:	
64.0102 Jewelers' materials and lapidary work	3915	72.0101 Hotels	701
64.0104 Silverware and plated ware	3914	72.0102 Other lodging places	702-4
64.0105 Costume jewelry	3961		
64.0200 Musical instruments	393	72B Personal and repair services (except auto):	
64.0301 Games, toys, and children's vehicles	3944	72.0201 Laundry, cleaning, garment services, and shoe repair	721, 725
64.0302 Dolls and stuffed toys	3942	72.0202 Funeral service and crematories	726
64.0400 Sporting and athletic goods, n.e.c.	3949	72.0203 Portrait photographic studios, and other miscellaneous personal services	722, 729
64.0501 Pens, mechanical pencils, and parts	3951	72.0204 Electrical repair shops	762
64.0502 Lead pencils and art goods	3952	72.0205 Watch, clock, jewelry, and furniture repair	763-4
64.0503 Marking devices	3953	72.0300 Beauty and barber shops	723-4
64.0504 Carbon paper and inked ribbons	3955		
64.0700 Fasteners, buttons, needles, and pins	3965	73A Computer and data processing services:	
64.0800 Brooms and brushes	3991	73.0104 Computer and data processing services	737
64.0900 Hard surface floor coverings, n.e.c.	3996		
64.1000 Burial caskets	3995	73B Legal, engineering, accounting, and related services:	
64.1100 Signs and advertising specialties	3993	73.0301 Legal services	81
64.1200 Manufacturing industries, n.e.c.	3999	73.0302 Engineering, architectural, and surveying services	871
		73.0303 Accounting, auditing, and bookkeeping, and miscellaneous services, n.e.c.	872, 89
TRANSPORTATION, COMMUNICATIONS, AND UTILITIES		73C Other business and professional services, except medical:	
65A Railroads and related services; passenger ground transportation:		73.0101 Miscellaneous repair shops	769
65.0100 Railroads and related services	40, 474	73.0102 Services to dwellings and other buildings	734
65.0200 Local and suburban transit and interurban highway passenger transportation.	41	73.0103 Personnel supply services	736
		73.0106 Detective and protective services	7381-2
65B Motor freight transportation and warehousing:		73.0107 Miscellaneous equipment rental and leasing	735
65.0301 Trucking and courier services, except air	421, 423	73.0108 Photofinishing labs and commercial photography	7335-6, 7384
65.0302 Warehousing and storage	422	73.0109 Other business services	732, 7331, 7334, 7338, 7383, 7389
		73.0111 Management and consulting services	874
65C Water transportation:		73.0112 Testing and research labs	8731-2, 8734
65.0400 Water transportation	44		
65D Air transportation:		73D Advertising:	
65.0500 Air transportation	45	73.0200 Advertising	731
65E Pipelines, freight forwarders, and related services:		74 Eating and drinking places:	
65.0600 Pipelines, except natural gas	46	74.0000 Eating and drinking places	58
65.0701 Freight forwarders and other transportation services	473, 478		
65.0702 Arrangement of passenger transportation	472	75 Automotive repair and services:	
66 Communications, except radio and TV:		75.0001 Automotive rental and leasing, without drivers	751
66.0100 Telephone and telegraph communications, and communications services, n.e.c.	481-2, 489	75.0002 Automotive repair shops and services	753, 7549
66.0200 Cable and other pay television services	484	75.0003 Automobile parking and car washes	752, 7542
67 Radio and TV broadcasting:		76 Amusements:	
67.0000 Radio and TV broadcasting	483	76.0101 Motion picture services and theaters	781-3
68A Electric services (utilities):		76.0102 Video tape rental	784
68.0100 Electric services (utilities)	491, 4931	76.0201 Theatrical producers (except motion picture), bands, orchestras, and entertainers	792
68B Gas production and distribution (utilities):		76.0202 Bowling centers	793
68.0201 Natural gas transportation	4922, *4923	76.0203 Professional sports clubs and promoters	7941
68.0202 Natural gas distribution	*4923, 4924, 4925, 4932, 4939	76.0204 Racing, including track operation	7948
		76.0205 Physical fitness facilities and membership sports and recreation clubs	7991, 7997
68C Water and sanitary services:		76.0206 Other amusement and recreation services	791, 7992-3, 7996, 7999
68.0301 Water supply and sewerage systems	494, 4952	77A Health services:	
68.0302 Sanitary services, steam supply, and irrigation systems.	4953, 4959, 496-7	77.0100 Doctors and dentists	801-3, 8041
		77.0200 Hospitals	806
WHOLESALE AND RETAIL TRADE		77.0301 Nursing and personal care facilities	805
69A Wholesale trade:		77.0303 Home health care services	808
69.0100 Wholesale trade	50, 51	77.0304 Veterinary services	074
69B Retail trade:		77.0305 Other medical and health services	8042, 8043, 8049, 807, 809
69.0200 Retail trade, except eating and drinking	52-7, 59	77B Educational and social services, and membership organizations:	
		77.0401 Elementary and secondary schools	821
FINANCE, INSURANCE, AND REAL ESTATE		77.0402 Colleges, universities, and professional schools	822
70A Finance:		77.0403 Private libraries, vocational schools, and educational services, n.e.c.	823-4, 829
70.0100 Banking	60	77.0501 Business associations and professional membership organizations	861-2
70.0200 Credit agencies other than banks	61, 67 (excl. 6732)	77.0502 Labor organizations, civic, social, and fraternal associations	863-4
70.0300 Security and commodity brokers	62	77.0503 Religious organizations	866
70B Insurance:		77.0504 Other membership organizations	84, 865, 869, 8733, 8732
70.0400 Insurance carriers	63	77.0600 Job training and related services	833
70.0500 Insurance agents, brokers, and services	64	77.0700 Child day care services	835
71A Owner-occupied dwellings:		77.0800 Residential care	836
71.0100 Owner-occupied dwellings		77.0900 Social services, n.e.c.	832, 839
71B Real estate and royalties:			
71.0201 Real estate agents, managers, operators, and lessors.	65 (excl. 6552)		

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

I-O industry number and title	Related 1987 SIC codes	I-O industry number and title	Related 1987 SIC codes
SPECIAL INDUSTRIES			
78 Federal Government enterprises:		81 Scrap, used and secondhand goods:	
78.0100 U.S. Postal Service	(1)	81.0001 Scrap	(3)
78.0200 Federal electric utilities	(1)	81.0002 Used and secondhand goods	(3)
78.0500 Other Federal Government enterprises	(1)	82 General government industry:	
79 State and local government enterprises:		82.0000 General government industry	(4)
79.0100 State and local government passenger transit	(1)	83 Rest of the world adjustment to final uses:	
79.0200 State and local government electric utilities	(1)	83.0000 Rest of the world adjustment to final uses	(5)
79.0300 Other State and local government enterprises	(1)	84 Household industry:	
80 Noncomparable imports:		84.0000 Household industry	(6)
80.0000 Noncomparable imports	(2)	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	I-O number	I-O title
	VALUE ADDED		
VA	Total value added	98.00I2	State and local government gross investment, public educational facilities beyond high school
88.0000	Compensation of employees	98.00I3	State and local government gross investment, other education and libraries
89.0000	Indirect business tax and nontax liability	99C	State and local government consumption expenditures, other:
90.0000	Other value added	99.10C1	State and local government consumption expenditures, hospitals and categorical health programs
	FINAL USES	99.10C2	State and local government consumption expenditures, public welfare institutions and activities
91	Personal consumption expenditures:	99.10C4	State and local government consumption expenditures, sanitation
91.0000	Personal consumption expenditures	99.20C1	State and local government consumption expenditures, police
92	Gross private fixed investment:	99.20C2	State and local government consumption expenditures, fire fighting organizations and auxiliary services
92.0000	Gross private fixed investment	99.20C3	State and local government consumption expenditures, correctional institutions
93	Change in business inventories:	99.30C1	State and local government consumption expenditures, public highways (excluding non-capital expenditures of toll roads)
93.0000	Change in business inventories	99.30C8	State and local government consumption expenditures, natural and agricultural resources and recreation facilities
94	Exports of goods and services:	99.30C9	State and local government consumption expenditures, other general government activities n.e.c.
94.0000	Exports of goods and services	99C	State and local government gross investment, other:
95	Imports of goods and services:	99.10I1	State and local government gross investment, hospitals and categorical health programs
95.0000	Imports of goods and services	99.10I2	State and local government gross investment, public welfare institutions and activities
96C	Federal Government consumption expenditures, national defense:	99.10I3	State and local government gross investment, public sewerage systems
96.00C0	Federal Government consumption expenditures, national defense	99.10I4	State and local government gross investment, sanitation
96I	Federal Government gross investment, national defense:	99.20I1	State and local government gross investment, police
96.00I0	Federal Government gross investment, national defense	99.20I2	State and local government gross investment, fire fighting organizations and auxiliary services
97C	Federal Government consumption expenditures, nondefense:	99.20I3	State and local government gross investment, correctional institutions
97.00C0	Federal Government consumption expenditures, nondefense	99.30I1	State and local government gross investment, public highways
97I	Federal Government gross investment, nondefense:	99.30I2	State and local government gross investment, waterports and airports
97.00I0	Federal Government gross investment, nondefense	99.30I3	State and local government gross investment, government-operated transit systems
98C	State and local government consumption expenditures, education:	99.30I4	State and local government gross investment, other commerce activities, n.e.c.
98.00C1	State and local government consumption expenditures, elementary and secondary public school systems	99.30I5	State and local government gross investment, gas and electric utilities
98.00C2	State and local government consumption expenditures, public educational facilities beyond high school	99.30I6	State and local government gross investment, government-operated water supply facilities
98.00C3	State and local government consumption expenditures, other education and libraries	99.30I7	State and local government gross investment, redevelopment projects
98I	State and local government gross investment, education:	99.30I8	State and local government gross investment, natural and agricultural resources and recreation facilities
98.00I1	State and local government gross investment, elementary and secondary public school systems	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 Commodity number	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	Non-metallic minerals mining	New construction	Maintenance and repair construction
		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					
7	Coal mining						8			11	
8	Crude petroleum and natural gas						26,907			2	
9+10	Nonmetallic minerals mining							97,613			
11	New construction									11,720	
12	Maintenance and repair construction									456,949	
13	Ordnance and accessories										222,381
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								10	3	
28	Plastics and synthetic materials									1	
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	Ophthalmic and photographic equipment										
64	Miscellaneous manufacturing										
65A	Railroads and related services; passenger ground transportation										
65B	Motor freight transportation and warehousing										
65C	Water transportation										
65D	Air transportation										
65E	Pipelines, freight forwarders, and related services										
66	Communications, except radio and TV										
67	Radio and TV broadcasting										
68A	Electric services (utilities)										
68B	Gas production and distribution (utilities)										
68C	Water and sanitary services										
69A	Wholesale trade										
69B	Retail trade										
70A	Finance										
70B	Insurance										
71A	Owner-occupied dwellings										
71B	Real estate and royalties										
72A	Hotels and lodging places										
72B	Personal and repair services (except auto)										
73A	Computer and data processing services										
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						135								1
															2
															3
															4
															5+6
													2		7
													102		8
													1,535		9+10
															11
															12
21,180															13
	407,209								1				38		14
		40,124							18	8			800	2	15
									4				13		16
			37,131	254	226	1,675			1						17
			37	16,995	6	118	1	1	96	3					18
			265	34	68,354	314			2						19
			80	48	13	18,650	3	40	26		18				20+21
	1						86,328	161	24		11		9		22+23
5							20	42,228	11				3		24
		23		239			36	112	96,241	108			341	213	25
								9	81	31,260			48		26A
											18,942	2,376			26B
											953	78,033			27A
												2			27B
									570	34			9		28
1	100			31		19	1	2	19				96,890	886	29A
	328			3			4		1				1,218	16,041	29B
	62			219			9						4,718	235	30
													578	173	31
	38			1		3			23				944	358	32
	49								6				81	5	33+34
									28				5,318	100	35
5	34		5	52		48	172	42	454	141			21	26	36
	9		8		11	23	1	4		1			15		37
						3	3	15		33					38
				69		7	14	5	133						39
						2			2						40
			2						1						41
						1	71	67							42
						2	3	8							43
						8	29	49	229	4			2		44+45
										106			110	3	46
															47
															48
															49
															50
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															68A
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															70B
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															71B
															72A
															72B
															73A
															73B
															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 Commodity number	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
		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				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
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							
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
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
38	Primary nonferrous metals manufacturing						39		60	8	72,986
39	Metal containers						13				342
40	Heating, plumbing, and fabricated structural metal products	1					412		23	34	43
41	Screw machine products and stampings				1		59		2	6	8
42	Other fabricated metal products			1	3		253	12	4	34	12
43	Engines and turbines										90
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	Ophthalmic 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

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
		53	54	55	56	57	58	59A	59B	60	61
	Commodity number										
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										
22+23	Furniture and fixtures	2	17	31	12	22			5		4
24	Paper and allied products, except containers	1			12						
25	Paperboard containers and boxes						371				
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				
59A	Motor vehicles (passenger cars and trucks)							147,890	2,363		
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	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	Ophthalmic and photographic equipment	2		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

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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	Industry number
62	63	64	65A	65B	65C	65D	65E	66	67	68A	68B	68C	69A	
				11										1
														2
														3
														4
														5+6
														7
														8
														9+10
														11
1,235														12
														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
														26A
14														26B
10	4	301												27A
17	7	16												27B
														28
240	7	7												29A
20	17	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											65A
				174										65B
				155,590								11,363		65C
					32,440									65D
			542	1,320	194	94,141								65E
						2,632	28,928							66
								205,941						67
									2,674					68A
										170,428				68B
											92,953			68C
												468		69A
												204		69B
												18,644		69C
													568,970	69D
														70A
														70B
														71A
														71B
														72A
														72B
														73A
														73B
							38							73C
														73D
														74
														75
														76
														77A
														77B
			5,940			1,713		2,046		6,504				78
										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	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
		69B	70A	70B	71A	71B	72A	72B	73A	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	Ophthalmic and photographic equipment									
64	Miscellaneous manufacturing									
65A	Railroads and related services; passenger ground transportation									
65B	Motor freight transportation and warehousing									
65C	Water transportation									
65D	Air transportation									
65E	Pipelines, freight forwarders, and related services									
66	Communications, except radio and TV									
67	Radio and TV broadcasting									
68A	Electric services (utilities)									
68B	Gas production and distribution (utilities)									
68C	Water and sanitary services									
69A	Wholesale trade									
69B	Retail trade	522,519								
70A	Finance		390,710							
70B	Insurance			231,097						
71A	Owner-occupied dwellings				448					
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

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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
									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				41,315	64
									4				55,754	65A
													166,953	65B
													32,440	65C
													94,141	65D
													33,616	65E
													208,094	66
													29,359	67
													170,896	68A
													93,157	68B
													19,182	68C
								424	114				568,970	69A
													522,519	69B
													416,272	70A
													231,097	70B
													457,250	71A
													550,113	71B
													59,602	72A
													91,772	72B
													115,730	73A
													256,361	73B
													340,445	73C
													29,865	73D
									521				280,708	74
													138,381	75
													121,368	76
						564,607							564,986	77A
													228,332	77B
							50,200						60,972	78
								227,631					92,806	79
									29,738				764,389	82
													10,087	84
													10,087	85
											10,087		-7,982	T
													-7,982	
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	

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 Industry number	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	Non-metallic minerals mining	New construction	Maintenance and repair construction
		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				
8	Crude petroleum and natural gas							20,296			
9+10	Nonmetallic minerals mining	7	289			2	7	10		474	3,291
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		
19	Miscellaneous fabricated textile products		164	9	84						294
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		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	9	6			1	1		133
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									
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	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	Ophthalmic 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

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
		28	29A	29B	30	31	32	33+34	35	36	37
	Industry number										
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			171		173	165	152
22+23	Furniture and fixtures					3					
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	Ophthalmic 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

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
			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		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				279	273	78		1,639	91	635	
41	Screw machine products and stampings	510	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	Ophthalmic 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	

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
6	2	1	7	3	734	1,273				8,268	5+6
						630				23,786	7
				3		51				138,601	8
										12,371	9+10
2,129	535	1,065	2,889	9,276	922	20,230				170	11
61,536		10								159,448	12
		692	4,308	2,507	179					465	13
										153,699	14
										3,348	15
										37,127	16
38	55	80	36	34	8	10				10,074	17
8	43	10	49	9	4	11				16,628	18
157	124	107	618	80	1	34				10,770	19
25	11	53	689	81	109	2				80,245	20+21
		78	135	193						5,479	22+23
		2	5	2	105					80,994	24
899	190	218	2,353	1,321	77	45				30,352	25
1,003	90	95	779	279	116					4,401	26A
29	41	63	387	941	4	6				56,500	26B
580	107	272	3,064	9,352	737	150				97,797	27A
299	218	117	8,163	209	104	1,209				15,545	27B
		134	35	48		141				46,036	28
			181							17,620	29A
		9	7,576	63		3				8,826	29B
54	121	31	658	167	38	39				12,894	30
5	341	36	3	56						83,751	31
722	1,962	352	1,005	966	734	3,612				99,363	32
2,203	2,874	141	6,573	714	17	127				3,871	33+34
3	2	70	43	151	18					16,883	35
417	785	5	928	296	3	49				42,481	36
391	48	2	200	3		523				81,280	37
		1	2	21	21					68,611	38
7	5	15	12	2	43					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	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
		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
							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	Agriculture, forestry, and fishery services	729			61	-21	39			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		-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	2,410	-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	17	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	Ophthalmic 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	138,007			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			20,683						
71B	Real estate and royalties	166,640	28,407			-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	538		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]

Total	State and local government consumption expenditures and gross investment				GDP	Total commodity output	Commodity number
	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		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	255,058	408,757	14	
-20	-1		-19	36,799	40,147	15	
216	73		143	401	37,528	16	
75		12	47	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	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	5,569	49,050	40	
126	39		87	1,424	34,564	41	
1,491	256	196	696	5,212	56,518	42	
390	91	5	143	7,616	17,895	43	
1,663	62	24	14	1,563	30,946	44+45	
15		9		6	8,290	46	
400	98	124	69	109	17,380	47	
256	95	154		7	15,994	48	
485	81	66	73	265	12,035	49	
262	130	40	55	37	1,957	50	
3,931	186	1,783	489	1,473	37,329	51	
1,177	410	288	243	10,862	25,801	52	
706	82	175	16	433	7,399	53	
206	2	134	22	48	14,175	54	
724	358	35	324	7	1,364	55	
721	15	299	129	278	38,964	56	
237	81		156		-2,102	57	
434	98		125	26	7,728	58	
5,887		1,364		4,523	147,840	59A	
1,670	669		984	17	6,799	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
							T
731,882	286,205	30,195	317,405	98,077		10,822,647	

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	Ordinance 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	10,775	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	126,790	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	Ophthalmic and photographic equipment	14,319	4,934	146	9,239	9,812	24,163	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	72,167	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	70,777	182,849	522,519	69B
70A	Finance	250,165	145,483	16,337	88,345	166,107	416,272	70A
70B	Insurance	103,876	91,915	19,920	-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	1,889	20,519	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	112,368	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

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

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

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

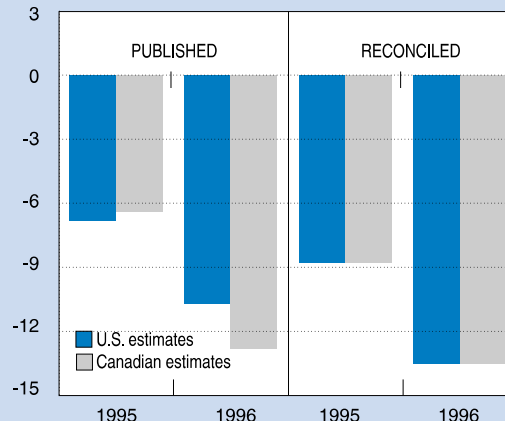
1. Some differences remain in the reconciled estimates because some service and income estimates could not be fully reconciled.

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 Balance¹

Billion U.S. \$



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 Fund'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	
	United States	Canada	Reclassification		Gross or net		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	
	Canada	United States	Reclassification		Gross or net		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 Current-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 Current-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	Definitional, reclassification, and statistical Definitional and statistical
Dividends	936	762	174	936	936	.....	.....	174	
Interest on bonds	4,917	8,311	-3,394	7,678	7,678	.....	2,761	-633	
U.S. claims/Canadian liabilities	3,234	5,402	-2,168	3,248	3,248	.....	14	-2,154	Net to gross, gross to net, and statistical Net to gross and statistical
U.S. bank claims	2,465	2,981	-516	1,156	1,156	.....	-1,309	-1,825	
Other private U.S. claims	769	2,421	-1,652	2,092	2,092	.....	1,323	-329	
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	Definitional, reclassification, and statistical Definitional and statistical
Dividends	1,048	805	243	1,048	1,048	.....	.....	243	
Interest on bonds	4,892	9,066	-4,174	8,220	8,220	.....	3,328	-846	
U.S. claims/Canadian liabilities	2,915	4,990	-2,075	2,681	2,681	.....	-235	-2,310	Net to gross, gross to net, and statistical Net to gross and statistical
U.S. bank claims	2,270	2,642	-372	977	977	.....	-1,293	-1,665	
Other private U.S. claims	645	2,348	-1,703	1,704	1,704	.....	1,058	-645	

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	Definitional and statistical Definitional and statistical
Dividends	1,360	1,588	-228	1,588	1,588	.....	228	.....
Interest on bonds	753	1,087	-334	998	998	.....	245	-89	
Canadian claims/U.S. liabilities	3,736	1,527	2,209	1,264	1,292	-28	-2,472	-235	Net to gross, gross to net, and statistical Net to gross and statistical
Canadian bank claims	3,662	1,406	2,256	1,200	1,228	-28	-2,462	-178	
Other Canadian claims	74	121	-47	64	64	.....	-10	-57	
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	Definitional and statistical Definitional and statistical
Dividends	1,225	1,692	-467	1,692	1,692	.....	467	.....
Interest on bonds	724	1,252	-528	1,116	1,116	.....	392	-136	
Canadian claims/U.S. liabilities	3,559	1,485	2,074	1,345	1,317	28	-2,214	-168	Net to gross, gross to net, and statistical Net to gross and statistical
Canadian bank claims	3,472	1,383	2,089	1,280	1,252	28	-2,192	-131	
Other Canadian claims	87	102	-15	65	65	.....	-22	-37	
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

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 (NIPAS) 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.

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).

CHART 1

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

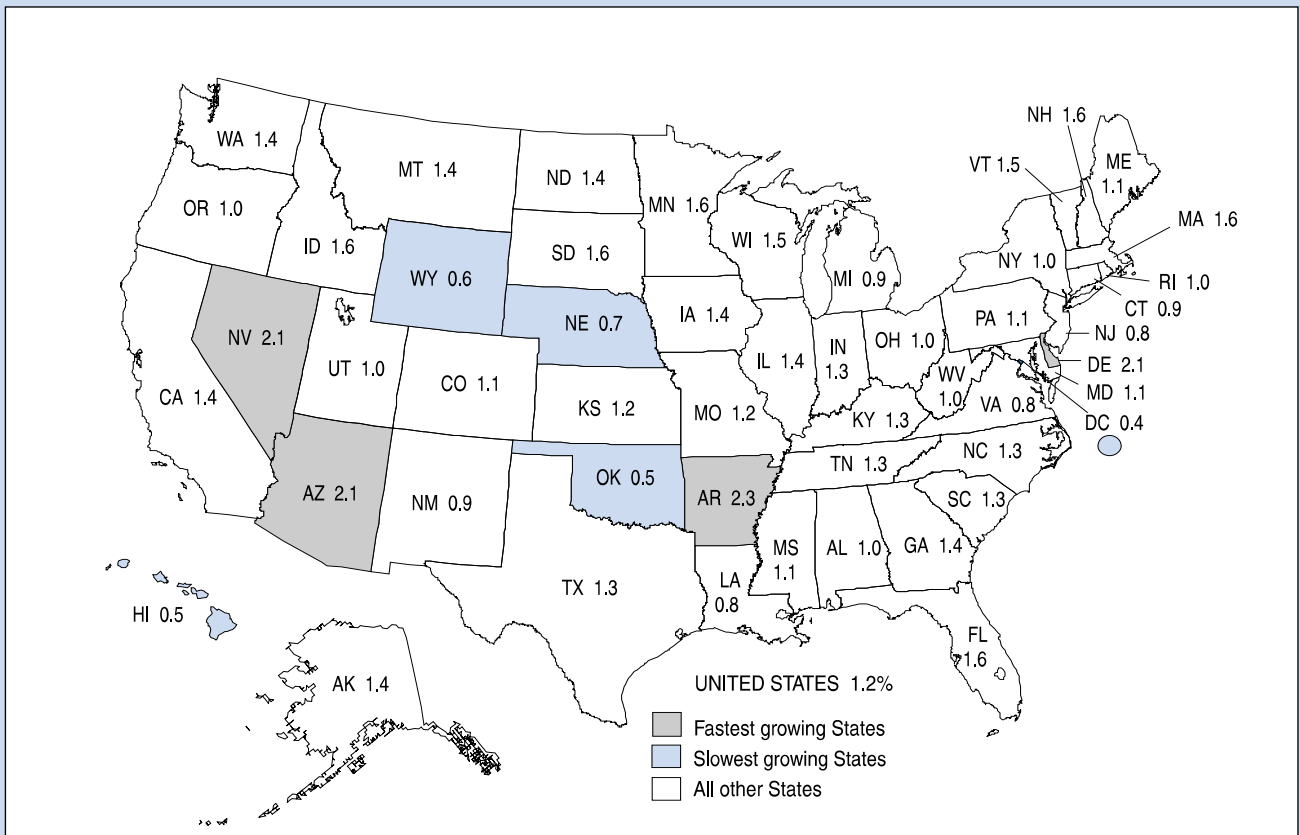


Table 1 at the end of this article presents the quarterly estimates of personal income for each State and region, beginning with the first quarter of 1994. Table 2 presents the quarterly estimates of personal income by major source and of earnings by Standard Industrial Classification division, beginning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

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.

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.

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 ^r	1996:IV-1997:I	1997:I-1997:II
United States¹	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	24,795	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	1.0
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
Midwest	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	17,989	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	245,813	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	311,391	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	1,120,934	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	125,860	126,840	127,120	128,813	131,434	133,643	134,643	136,275	137,988	1.2	1.3
Michigan	211,206	216,657	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	254,982	257,084	261,194	264,118	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	396,298	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	55,857	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	123,582	.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	129,908	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	1.4	1.3
South Carolina	64,376	65,511	66,653	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	59,954	60,075	60,341	61,041	61,604	62,385	63,238	64,273	65,003	65,541	66,982	67,704	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													

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	259,987	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	1,675	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	3,969,186	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	12,888	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	277,306	282,696	286,588	291,436	296,861	301,327	16,529	16,893	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

See footnotes at end of table.

and Earnings by Industry, 1996:I-1997:II
 (adjusted at annual rates)

Connecticut				Maine								Massachusetts						Line		
1996				1997				1996				1997				1996			1997	
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 ^r	I ^r	II ^r	III ^r	IV ^r		I ^r	II ^r
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	2,042	2,058	2,088	2,092	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	5,958	6,136	6,297	6,361	6,361	22		
15,154	15,410	15,606	15,835	16,042	16,274	3,204	3,217	3,222	3,209	3,374	3,374	22,147	22,740	22,651	22,862	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	15,448	15,794	24		
4,514	4,479	4,647	4,563	4,681	4,681	1,664	1,668	1,676	1,676	1,713	1,709	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	908	938	927	950	8,425	8,677	8,805	8,959	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	1,129	12,790	13,088	13,251	13,791	14,108	14,619	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	2,895	15,045	15,112	15,263	15,284	15,369	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				Midwest								Delaware						Line		
1996				1997				1996				1997				1996			1997	
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 ^r	I ^r	II ^r	III ^r	IV ^r		I ^r	II ^r
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	-11,878	-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	13,878	13,878	13,770	13,770	13,772	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										

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	-20,678	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	7,655	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	871	8,044	8,208	8,300	8,478	8,590	8,636	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	7,558	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

See footnotes at end of table.

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

(adjusted at annual rates)

New Jersey				New York								Pennsylvania								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	I ^r	II ^r		III ^r	IV ^r																			
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	245,743	249,057	251,186	254,144	259,032	261,411	522,289	526,713	531,843	539,608	550,329	555,744	292,272	297,066	299,990	300,941	303,171	307,726	310,939					
242	251	273	285	278	296	536	526	553	550	555	571	827	872	952	974	922	992	242	251	273	285	278	296	536	526	553	550	555	571	827	872	952	974	922	992	242	251	273	285	278	296
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	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						
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	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						
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	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						
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	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						
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	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						
33,507	33,713	34,052	34,615	34,893	34,997	101,076	101,872	102,770	105,369	106,358	106,555	57,124	57,693	58,577	59,124	60,000	60,629	33,507	33,713	34,052	34,615	34,893	34,997	101,076	101,872	102,770	105,369	106,358	106,555	57,124	57,693	58,577	59,124	60,000	60,629						
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	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						
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	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						
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	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						
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	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						
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	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						
103	113	134	145	136	152	132	122	147	140	140	151	397	441	519	538	481	546	103	113	134	145	136	152	132	122	147	140	140	151	397	441	519	538	481	546						
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	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						
242	251	273	285	278	296	536	526	553	550	555	571	827	872	952	974	922	992	242	251	273	285	278	296	536	526	553	550	555	571	827	872	952	974	922	992						
159,276	162,311	163,174	165,676	168,767	169,895	369,892	372,320	375,485	382,205	389,585	393,291	194,216	198,131	199,859	202,082	204,322	206,551	159,276	162,311	163,174	165,676	168,767	169,895	369,892	372,320	375,485	382,205	389,585	393,291	194,216	198,131	199,859	202,082	204,322	206,551						
135,936	138,749	140,022	142,191	145,058	146,089	315,198	316,675	320,830	327,624	335,408	338,673	168,530	172,264	173,960	176,302	178,374	180,510	135,936	138,749	140,022	142,191	145,058	146,089	315,198	316,675	320,830	327,624	335,408	338,673	168,530	172,264	173,960	176,302	178,374	180,510						
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	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						
212	216	214	215	223	224	305	310	316	345	337	330	1,475	1,499	1,460	1,516	1,448	1,485	212	216	214	215	223	224	305	310	316	345	337	330	1,475	1,499	1,460	1,516	1,448	1,485						
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	11,612	12,046	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	11,612	12,046						
25,693	25,959	26,112	26,030	25,943	25,542	46,729	46,936	47,136	47,784	47,898	48,806	24,762	25,020	25,119	25,339	25,535	25,750	25,693	25,959	26,112	26,030	25,943	25,542	46,729	46,936	47,136	47,784	47,898	48,806	24,762	25,020	25,119	25,339	25,535	25,750	25,693					
9,355	9,542	9,536	9,371	9,403	9,036	24,808	25,009	25,119	25,268	25,381	25,521	23,916	24,482	24,747	24,696	24,612	24,529	9,355	9,542	9,536	9,371	9,403	9,036	24,808	25,009	25,119	25,268	25,381	25,521	23,916	24,482	24,747	24,696	24,612	24,529						
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	17,661	17,553	17,651	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	17,661	17,553	17,651						
14,089	14,365	14,419	14,567	14,516	14,793	23,665	22,770	22,733	22,362	22,217	22,692	13,612	13,584	13,663	13,572	13,872	14,133	14,089	14,365	14,419	14,567	14,516	14,793	23,665	22,770	22,733	22,362	22,217	22,692	13,612	13,584	13,663	13,572	13,872	14,133						
13,825	14,074	14,277	14,518	14,977	15,164	21,533	21,616	21,584	21,849	22,511	22,599	11,155	11,253	11,377	11,530	11,657	11,861	13,825	14,074	14,277	14,518	14,977	15,164	21,533	21,616	21,584	21,849	22,511	22,599	11,155	11,253	11,377	11,530	11,657	11,861						
12,842	13,027	13,055	13,277	13,527	13,678	24,671	25,042	25,156	25,775	26,052	26,246	17,963	18,296	18,435	18,796	19,174	19,344	12,842	13,027	13,055	13,277	13,527	13,678	24,671	25,042	25,156	25,775	26,052	26,246	17,963	18,296	18,435	18,796	19,174	19,344						
13,731	14,247	14,238	14,634	15,715	15,800	68,726	68,709	70,548	73,519	77,812																															

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	-3,423	-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	277,800	283,945	288,008	291,173	294,628	298,900	
8	Plus: Dividends, interest, and rent ³	21,500	21,613	21,932	22,108	22,593	22,868	78,996	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	66,776	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	60,988	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	7,680	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	5,559	5,617	5,733	5,776	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	3,629	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	4,531	4,567	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	654	654	662	645	398	397	395	398	398	394
34	State and local	8,541</											

and Earnings by Industry, 1996:I-1997:II—Continued
adjusted at annual rates]

Iowa				Kansas								Minnesota								Line			
1996				1997				1996				1997				1996					1997		
I ^r	II ^r	III ^r	IV ^r	I ^r	II ^r	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^r	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^r	I ^r	II ^r				
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	122,606	124,582				
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	120,765	122,559				
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	1,841	2,023				
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	90,428	92,117				
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	6,383	6,477				
301	310	316	316	347	332	1,031	1,054	1,031	1,064	1,120	1,136	-702	-720	-735	-746	-727	-742	-727	-742				
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	83,593	84,898				
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	21,599	22,295				
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	16,697	17,389				
182	189	182	188	203	192	155	144	139	152	144	164	378	361	341	397	382	394	361	394				
9,687	9,799	9,878	9,954	10,153	10,232	8,765	8,877	8,939	9,004	9,189	9,262	16,025	16,221	16,356	16,490	16,852	16,995	16,356	16,995				
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	73,109	74,852				
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	8,112	8,059				
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	8,846	9,206				
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	1,537	1,610				
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	7,309	7,596				
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	1,841	2,023				
41,075	41,801	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	88,139	90,094				
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	76,381	78,539				
348	357	359	362	368	381	258	264	270	272	285	297	388	398	416	403	409	422	398	422				
76	80	81	81	78	80	393	400	397	394	398	406	443	466	458	458	426	429	458	429				
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	5,115	5,163	5,160	5,115	5,160				
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	19,147	19,403				
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	11,194	11,090				
3,593	3,638	3,668	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	7,953	8,314				
2,673	2,693	2,689	2,710	2,749	2,763	3,222	3,199	3,202	3,164	3,487	3,287	5,543	5,563	5,592	5,651	5,883	6,003	5,592	6,003				
2,838	2,887	2,956	3,022	3,025	3,067	2,919	2,950	3,018	3,122	3,167	3,187	6,822	6,923	7,183	7,128	7,093	7,202	6,923	7,202				
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	8,005	8,082				
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	7,463	7,127	7,363	7,382	7,363				
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	23,689	24,025	24,474	23,094	24,474				
6,592	6,577	6,669	6,683	6,864	6,998	7,012	7,026	7,099	6,991	6,976	11,380	11,538	11,758	11,668	11,452	11,556	11,556	11,452	11,556				
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	1,546	1,588				
125	125	124	124	126	126	708	693	678	674	686	685	197	194	194	192	194	193	194	193				
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	9,810	9,774				
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	1,409,188	1,492,349				
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	1,413,933	1,429,179	1,459,077	1,476,567	1,395,969	1,476,567				
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	13,219	15,783				
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	960,492	1,017,168				
673	688	693	691	698	706	744	761	765	764	770	778	64,335	65,438	66,176	66,760	68,308	69,977	64,335	69,977				
-267	-277	-280	-280	-285	-290	-153	-157	-160	-159	-158	-160	6,154	5,688	5,877	5,927	5,929	5,863	5,877	5,863				
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	900,742	954,055				
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	252,982	269,220				
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	255,464	269,075				
29	28	28	31	30	42	15	14	16	17	16	15	3,287	3,188	3,071	3,192	3,381	3,351	3,188	3,351				
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	263,121	265,723	252,276	265,723				
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	775,090	825,278				
697	712	716	711	710	717	879	894	892	885	883	889	87,301	88,112	88,345	88,376	89,101	89,732	88,345	89,732				
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	97,289	102,158				
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	10,447	12,955				
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	86,843	89,203				
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	13,219	15,783				
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	947,273	1,001,386				
6,619	6,819	6,902	6,963	6,973	7,097	7,868	8,071	8,200	8,245	8,245	8,378	767,111	785,776	795,552	805,367	820,548	832,164	785,776	832,164				
71	72	73	75	75	77	136	140	141	139	145	151	6,311	6,570	6,710	6,692	6,950	7,223	6,570	7,223				
182	188	187	187	179	189	117	118	117	120	115	115	8,415	8,621	8,568	8,729	8,589	8,544	8,568	8,544				
610	618	646	595	567	568	617	648	645	632	627	629	57,397	59,271	59,821	60,815	61,465	61,729	59,271	61,729				
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	168,994	172,789				
405	424	432																					

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	5,656	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	31,890	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	5,997	6,014	6,142	6,047	6,061	6,131	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, civilian	893	868	873	861	863	855	285	283	283	282	290	281
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
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	30,998	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	46,021	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	2,800	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	6,150	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, civilian	824	796	791	789	795	794	692	662	666	668	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]

Table with 19 columns: State (Florida, Georgia, Kentucky, North Carolina, South Carolina, Tennessee), Year (1996, 1997), Industry (I, II, III, IV), Line, and various financial metrics.

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	112,165	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	2,058	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	6,841	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

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 ^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	31,992	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	79	87	91	93	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						
96,844	97,942	98,812	99,729	102,427	103,495	15,990	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	6,785	6,856	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	373,188	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	1,014	1,014	1,014	1,014	1,014	668	742	761	775	779	766	21						
27,650	28,190	28,394	28,909	28,539	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	1,722	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	1,781	1,809	1,809	476	497	500	511	474	466	25						
35,948	36,586	36,960	36,986	38,855	37,926	3,731	3,612	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	31,362	32,375	5,357	5,604	5,674	5,717	5,667	5,886	1,105	1,103	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	5,675	5,598	5,682	5,720	5,720	31						
13,222	13,245	13,222	13,249	13,172	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	799	858	798	822	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 ^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	24,590	24,732	24,732		25,000	25,282		
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	23,850	23,944	23,944	24,212	24,494			
1,753	1,900	1,959	1,984	1,910	2,068	601	634	671	668	653	719	696	784	796	794	734	788	788	788	818	890			
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	17,439	17,439	17,752	18,065			
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	1,202	1,202	1,233	1,264			
249	255	259	267	276	283	66	65	63	61	65	66	206	215	225	235	244	248	248	248	279	310			
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	16,484	16,484	16,797	17,110			
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	4,298	4,298	4,511	4,824			
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	3,950	3,950	4,163	4,476			
465	467	442	471	483	466	185	190	179	177	187	169	112	110	98	118	114	115	115	115	146	177			
26,163	26,390	26,525	26,702	27,365	27,627	12,468	12,526	12,605	12,600	12,930	13,059	3,556	3,617	3,659	3,699	3,796	3,835	3,835	3,835	4,048	4,361			
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	12,901	12,901	13,214	13,527			
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	1,390	1,390	1,421	1,452			
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	3,063	3,065	3,072	3,111	3,148	3,148	3,148	3,361	3,674			
896	1,043	1,100	1,119	1,035	1,182	342	373	410	405	386	449	396	484	495	491	428	478	478	478	509	540			
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	2,671	2,671	2,884	3,197			
1,753	1,900	1,959																						

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	28,299	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	250	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

^r Preliminary.
^p 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.

4. 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.
 5. Includes the capital consumption adjustment for rental income of persons.

and Earnings by Industry, 1996:I-1997:II—Continued
 adjusted at annual rates¹

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	782	782	786	794	795	5
-17	-18	-18	-17	-21	-19	-1,975	-2,032	-2,057	-2,111	-2,156	-2,198	-760	-758	-756	-757	-770	-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	2,008	2,031	2,080	2,116	2,167	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
6,32	6,33	6,32	6,34	6,31	6,32	4,871	4,865	4,897	4,854	4,861	4,871	105	105	88	90	103	103	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	957	961	957	965	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	35,873	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	1,119	1,113	1,141	1,144	1,158	1,209	26
229	235	242	242	246	247	46,214	47,323	47,940	48,786	49,319	50,228	414	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	1,306	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	743	786	32
140	137	135	132	136	136	10,912	10,775	10,698	10,600	10,684	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	29,930	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	22,776	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	11,732	12,019	12,133	20,793	21,001	21,134	21,347	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	3,463	3,502	3,565	6,663	6,750	6,863	6,994	7,153	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	53,571	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	80	72	186	191	204	195	19		

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 Industry¹, 1995-96

[Millions of dollars]

Line	Item	California		Line	Item	California	
		1995 ²	1996 ²			1995 ²	1996 ²
Income by Place of Residence							
1	Personal income (lines 4-9)	764,435	807,975	41	Food and kindred products	6,190	6,487
2	Population (thousands) ³	31,565	31,878	42	Tobacco products	2	2
3	Per capita personal income (dollars) ³	24,217	25,346	43	Textile mill products	513	572
Derivation of Total Personal Income							
4	Earnings by place of work (line 10-14 or 15-85)	541,103	570,329	44	Apparel and other textile products	3,375	3,593
5	Less: Personal contributions for social insurance ⁴	37,257	38,767	45	Paper and allied products	1,736	1,775
6	Plus: Adjustment for residence ⁵	-724	-728	46	Printing and publishing	6,636	6,905
7	Equals: Net earnings by place of residence	503,122	530,834	47	Chemicals and allied products	3,747	3,804
8	Plus: Dividends, interest, and rent ⁶	142,004	151,522	48	Petroleum and coal products	1,808	1,822
9	Plus: Transfer payments	119,309	125,620	49	Rubber and miscellaneous plastics products	2,342	2,477
Earnings by Place of Work							
Components of earnings:							
10	Wage and salary disbursements	414,941	440,733	50	Leather and leather products	153	155
11	Other labor income	48,140	48,203	51	Transportation and public utilities	33,947	35,211
12	Proprietors' income ⁷	78,022	81,393	52	Railroad transportation	779	789
13	Farm	3,061	3,493	53	Trucking and warehousing	7,288	6,533
14	Nonfarm	74,961	77,900	54	Water transportation	1,197	1,248
Earnings by Industry							
15	Farm	6,566	7,419	55	Other transportation	8,276	9,466
16	Nonfarm	534,537	562,909	56	Communications	9,798	10,339
17	Private	451,009	477,959	57	Electric, gas, and sanitary services	6,608	6,834
18	Agricultural services, forestry, fishing, and other ⁸	5,616	6,072	58	Wholesale trade	33,472	35,216
19	Agricultural services	5,433	5,871	59	Retail trade	50,207	51,556
20	Forestry, fishing, and other ⁸	183	201	60	Finance, insurance, and real estate	42,889	45,560
21	Mining	2,054	2,064	61	Depository and nondepository institutions	11,199	12,242
22	Metal mining	152	157	62	Other finance, insurance, and real estate	31,690	33,318
23	Coal mining	59	59	63	Services	171,613	185,394
24	Oil and gas extraction	1,506	1,496	64	Hotels and other lodging places	4,233	4,474
25	Nonmetallic minerals, except fuels	336	351	65	Personal services	5,278	5,436
26	Construction	27,077	28,043	66	Private households	2,277	2,208
27	Manufacturing	84,134	88,845	67	Business services	37,398	43,615
28	Durable goods	57,632	61,253	68	Auto repair, services, and parking	5,382	5,737
29	Lumber and wood products	1,767	1,868	69	Miscellaneous repair services	2,393	2,534
30	Furniture and fixtures	1,415	1,529	70	Amusement and recreation services	7,125	7,705
31	Stone, clay, and glass products	1,995	2,000	71	Motion pictures	10,717	12,338
32	Primary metal industries	1,462	1,619	72	Health services	41,695	43,015
33	Fabricated metal products	4,864	5,102	73	Legal services	12,995	13,311
34	Industrial machinery and equipment	12,008	12,995	74	Educational services	5,406	5,786
35	Electronic and other electric equipment	12,385	13,742	75	Social services	4,688	4,854
36	Motor vehicles and equipment	1,694	1,736	76	Museums, botanical, zoological gardens	204	237
37	Other transportation equipment	8,276	8,085	77	Membership organizations	4,580	4,719
38	Instruments and related products	10,246	10,958	78	Engineering and management services	24,426	26,126
39	Miscellaneous manufacturing industries	1,521	1,619	79	Miscellaneous services	2,815	3,099
40	Nondurable goods	26,502	27,592	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

¹ Data are suppressed in order to avoid the disclosure of confidential information; estimates are included in totals. 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.

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-requirements 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 between 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.

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
Business¹	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 government²	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
Business¹	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 government²	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

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)

	1995	1996	1996	1996	1997	1997	1997	1997
			II	III	IV	I	II	III
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.

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.

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 investment¹	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 investment¹	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 investment¹	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 goods²	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 investment¹	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 goods²	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	29.6	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	27.8	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	

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 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	1,257.7
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.

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]

			Seasonally adjusted								Seasonally adjusted							
	1995	1996	1996			1997			1995	1996	1996			1997				
			II	III	IV	I	II	III			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 goods¹	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 services¹	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 goods¹	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 services¹	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										
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 goods¹	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 services¹	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	109.66	108.14	109.73	112.16	102.75	109.52	108.05										
Other transportation	102.99	105.61	105.23	105.69	107													

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						1995	1996	Seasonally adjusted														
			1996			1997					1996			1997											
			II	III	IV	I	II	III			II	III	IV	I	II	III									
Chain-type quantity indexes													Chain-type price indexes												
Government consumption expenditures and gross investment¹													Government consumption expenditures and gross investment¹												
Federal	99.06	99.54	100.10	99.83	99.85	99.74	100.50	100.75	Federal	108.28	111.83	111.23	112.07	112.76	113.74	114.14	114.54								
National defense	85.84	84.56	86.01	85.00	83.44	80.86	82.33	82.55	National defense	106.83	111.02	110.58	111.16	111.94	113.14	113.46	113.53								
Consumption expenditures	87.77	86.20	87.09	86.99	85.84	84.57	85.69	85.73	Consumption expenditures	106.44	110.96	110.56	111.26	112.16	113.39	113.70	113.89								
Durable goods ²	69.25	72.27	76.56	79.98	67.04	66.37	70.43	75.24	Durable goods ²	101.20	102.41	102.82	102.60	102.17	102.89	103.22	102.98								
Nondurable goods	66.48	76.05	80.52	82.30	66.02	70.26	66.46	74.16	Nondurable goods	100.11	109.95	108.19	109.14	116.27	114.14	107.47	104.81								
Services	90.40	88.01	88.45	87.94	88.45	86.93	87.94	87.27	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	85.49	81.89	82.44	81.93	80.64	79.99	79.14	79.00	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	96.76	94.82	95.08	94.57	94.12	93.62	93.17	92.70	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	94.74	94.25	94.59	94.08	98.60	94.74	100.30	98.51	Other services	104.92	106.45	105.84	106.69	107.82	107.65	108.07	108.53								
Gross investment	74.99	75.34	79.94	73.76	69.89	59.66	63.13	64.46	Gross investment	109.27	111.22	110.58	110.39	110.29	111.26	111.65	110.75								
Structures	103.79	107.11	114.86	103.75	102.80	96.54	94.56	94.55	Structures	118.22	121.50	121.04	122.21	123.57	124.09	125.35	126.05								
Equipment	71.79	71.80	76.05	70.43	66.21	55.49	59.61	61.10	Equipment	108.31	110.07	109.40	109.00	108.67	109.72	109.95	108.80								
Nondefense	96.88	96.01	96.72	95.93	95.69	97.54	98.71	97.32	Nondefense	111.88	114.47	113.63	114.25	114.72	116.44	116.87	117.25								
Consumption expenditures	97.46	95.37	96.28	94.84	95.21	97.18	97.60	97.29	Consumption expenditures	113.16	116.32	115.32	116.10	116.74	118.80	119.30	119.82								
Durable goods ²									Durable goods ²																
Nondurable goods									Nondurable goods																
Commodity Credit Corporation inventory change									Commodity Credit Corporation inventory change																
Other nondurables	84.13	75.08	75.96	70.86	74.38	83.75	85.82	85.60	Other nondurables	111.67	112.73	113.87	113.82	109.98	110.07	111.40	111.84								
Services	97.37	95.57	96.44	95.43	95.61	96.75	97.23	97.01	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	92.95	90.66	92.07	91.20	90.70	91.10	91.42	90.58	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	110.42	115.70	115.08	116.42	117.80	119.30	120.73	122.01	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	101.84	99.49	99.75	98.03	99.16	101.47	102.05	102.61	Other services	105.26	106.39	106.19	106.65	107.29	107.60	107.92	108.14								
Gross investment	93.02	100.61	99.96	103.75	99.08	100.06	106.81	97.41	Gross investment	103.72	102.76	102.90	102.53	101.99	101.63	101.67	101.18								
Structures	96.90	97.44	99.64	96.76	97.41	94.95	88.29	88.40	Structures	109.99	113.14	112.84	113.30	113.92	114.63	116.18	117.08								
Equipment	89.24	104.93	100.95	112.70	101.49	106.77	130.76	108.87	Equipment	97.07	92.16	92.66	91.56	90.00	88.66	87.56	86.08								
State and local	106.23	107.88	107.97	108.17	109.04	109.78	110.10	110.70	State and local	108.24	111.71	111.08	112.07	112.77	113.54	113.95	114.49								
Consumption expenditures	107.02	108.28	108.38	108.63	108.98	109.53	110.06	110.74	Consumption expenditures	108.14	111.84	111.13	112.23	113.01	113.71	114.02	114.65								
Durable goods ²	112.02	115.98	115.48	116.49	117.32	118.18	119.04	119.90	Durable goods ²	105.75	106.39	106.16	106.32	106.45	106.42	106.45	106.90								
Nondurable goods	113.65	117.38	116.79	117.92	119.06	120.12	121.18	122.24	Nondurable goods	105.51	109.36	109.96	109.07	110.70	110.77	108.30	107.86								
Services	106.16	107.08	107.28	107.41	107.66	108.15	108.61	109.25	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	104.72	105.08	105.35	105.44	105.54	105.87	106.30	106.87	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	108.66	111.57	111.21	111.94	112.66	113.37	114.07	114.76	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	129.97	138.73	138.30	138.20	140.65	143.86	144.66	146.73	Other services	88.97	90.09	89.23	91.97	92.13	92.76	93.05	94.56								
Gross investment	102.60	106.03	106.06	106.03	109.35	110.95	110.28	110.53	Gross investment	108.69	111.14	110.84	111.34	111.69	112.73	113.64	113.73								
Structures	101.29	104.30	104.45	104.15	107.84	109.49	108.43	108.42	Structures	110.45	113.93	113.48	114.25	114.90	116.36	117.75	118.11								
Equipment	108.60	114.13	113.54	114.91	116.33	117.57	119.08	120.76	Equipment	101.14	99.35	99.68	99.09	98.20	97.49	96.39	95.39								
Addenda:													Addenda:												
Compensation of general government employees ³	99.42	98.66	99.13	98.98	98.72	98.87	99.00	99.26	Compensation of general government employees ³	110.43	115.42	114.43	115.75	116.59	118.03	118.73	119.41								
Federal	87.97	84.83	85.68	85.07	84.02	83.73	83.27	82.90	Federal	111.76	119.00	117.94	119.08	120.08	123.26	123.94	124.29								
State and local	104.69	105.06	105.34	105.42	105.54	105.89	106.31	106.87	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
Producers' durable equipment	98.13	95.25	96.55	93.43	93.83	96.91	89.70	99.51
Net purchases of used autos								
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 output¹	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]

	Seasonally adjusted at annual rates							Seasonally adjusted at annual rates									
	1995	1996	1996			1997			1995	1996	1996			1997			
			II	III	IV	I	II	III			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:																	
Current dollars	3.2	2.4	2.1	4.3	3.1	-9	3.4	.5									
Chain-type quantity index	11.4	6.8	11.4	8.1	6.5	11.7	11.4	10.8									
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 and services:																	
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 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														

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	30,323
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	26,930
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]

	1995	1996	1997	1998	1999	2000	2001	2002
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]

	1995	1996	1997	1998	1999	2000	2001	2002
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	3,835.1	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	3,098.7	3,140.9	3,161.7	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	936.3	943.4	948.8	950.3	953.7	954.5	962.8	967.0		
Manufacturing	648.4	674.7	681.4	681.8	681.8	684.7	690.4	690.5	698.4	699.5	700.3	701.2	701.5	707.4		
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	883.0		
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		
Government	623.0	642.6	645.4	647.5	648.1	649.1	649.7	658.2	659.7	660.9	661.9	663.1	665.3	667.5		
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		
Proprietors' income with IVA and CCA ^{adj}	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		
Farm	23.4	37.2	40.2	40.7	40.8	40.5	39.9	39.4	41.4	43.0	43.8	44.0	43.1	41.3		
Nonfarm	465.5	483.1	482.6	484.4	485.8	487.9	490.0	492.8	495.8	497.9	499.8	502.4	503.7	505.4		
Rental income of persons with CCA ^{adj}	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		
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		
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		
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		
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		
Government unemployment insurance benefits	21.4	22.0	20.4	21.7	21.3	21.1	22.3	22.1	22.0	22.0	21.9	21.9	21.8	21.6		
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	532.8		
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		

^p Preliminary.

^r Revised.

CCA^{adj} 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	
Durable goods	808.5	834.5	841.1	830.7	838.8	838.4	837.4	861.0	859.8	854.4	842.9	843.5	847.0	869.3	867.4	
Non-durable 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		
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		
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		
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		
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	19,396	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	
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	
Non-durable 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	1,459.1	1,459.2	1,446.3	1,449.1	1,454.7	1,466.1		
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		
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		
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				Billions of dollars			Billions of chained (1992) dollars		
	1994	1995	1996	1994	1995	1996		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	Personal business	370.4	389.1	421.1	352.1	350.7	363.6
Food and tobacco	761.7	783.8	805.7	735.0	737.9	736.5	Brokerage charges and investment counseling (s.)	36.2	38.8	47.2	37.8	41.8	50.0
Food purchased for off-premise consumption (n.d.)	451.6	462.2	478.4	434.5	433.4	434.7	Bank service charges, trust services, and safe deposit box rental (s.)	31.6	33.9	37.3	27.5	27.8	28.9
Purchased meals and beverages ¹ (n.d.)	254.3	264.1	268.7	245.1	248.7	246.6	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
Food furnished to employees (including military) (n.d.)	8.1	8.4	8.7	7.8	7.9	8.0	Expense of handling life insurance ¹⁷ (s.)	72.6	75.4	79.9	68.1	67.9	68.5
Food produced and consumed on farms (n.d.)	5	4	4	5	5	4	Legal services (s.)	48.8	49.1	52.2	45.3	44.0	45.2
Tobacco products (n.d.)	47.3	48.7	49.6	47.2	47.4	46.8	Funeral and burial expenses (s.)	11.1	12.2	12.8	10.1	10.5	10.4
Addenda: Food excluding alcoholic beverages (n.d.)	633.6	652.0	669.9	608.7	610.2	608.7	Other ¹⁸ (s.)	18.5	19.9	21.8	17.1	17.6	18.7
Alcoholic beverages purchased for off-premise consumption (n.d.)	53.9	54.9	57.3	53.7	54.5	55.5	Transportation	542.2	572.3	602.2	515.3	528.0	540.3
Other alcoholic beverages (n.d.)	27.0	28.2	28.9	25.6	25.9	25.7	User-operated transportation	502.6	530.1	557.7	476.6	487.8	497.7
Clothing, accessories, and jewelry	312.7	323.4	336.3	308.5	321.8	335.3	New autos (d.)	91.2	87.1	86.1	86.2	80.6	78.2
Shoes (n.d.)	36.0	36.8	38.1	35.7	36.6	37.6	Net purchases of used autos (d.)	44.1	52.4	55.3	37.5	40.8	42.1
Clothing and accessories except shoes ²	211.6	217.7	226.0	211.2	220.6	229.9	Other motor vehicles (d.)	76.8	79.4	82.1	71.4	71.7	72.5
Women's and children's (n.d.)	137.5	141.3	145.8	137.0	144.2	150.7	Tires, tubes, accessories, and other parts (d.)	34.5	35.8	37.9	35.1	36.2	38.3
Men's and boys' (n.d.)	74.1	76.4	80.2	74.1	76.4	79.2	Repair, greasing, washing, parking, storage, rental, and leasing (s.)	116.4	128.7	140.1	108.5	116.5	123.3
Standard clothing issued to military personnel (n.d.)	3	3	3	3	3	3	Gasoline and oil (n.d.)	109.4	114.4	122.6	109.8	113.1	114.1
Cleaning, storage, and repair of clothing and shoes (s.)	11.6	12.3	12.3	11.0	11.5	11.3	Bridge, tunnel, ferry, and road tolls (s.)	2.6	2.8	2.9	2.4	2.4	2.5
Jewelry and watches (d.)	37.7	39.3	41.6	35.6	36.8	39.7	Insurance ¹⁹ (s.)	27.5	29.4	30.9	25.6	26.0	26.2
Other ³ (s.)	15.6	17.1	18.1	14.7	16.0	16.6	Purchased local transportation	8.9	9.2	10.1	8.6	8.5	8.5
Personal care	68.4	71.9	75.7	65.5	67.9	70.1	Mass transit systems (s.)	5.9	6.0	6.6	5.7	5.5	5.6
Toilet articles and preparations (n.d.)	45.3	47.2	49.9	43.7	45.0	47.0	Taxicab (s.)	3.0	3.2	3.5	2.9	3.0	3.0
Barbershops, beauty parlors, and health clubs (s.)	23.0	24.7	25.7	21.8	22.9	23.0	Purchased intercity transportation	30.7	33.0	34.4	30.1	31.7	34.2
Housing	712.7	750.3	787.2	674.3	688.2	700.2	Railway (s.)	7	8	8	7	7	7
Owner-occupied nonfarm dwellings space rent ⁴ (s.)	507.0	532.2	558.3	479.6	487.2	495.3	Bus (s.)	1.1	1.3	1.3	1.1	1.4	1.4
Tenant-occupied nonfarm dwellings rent ⁵ (s.)	174.0	184.6	193.6	165.2	171.1	174.9	Airline (s.)	25.8	27.7	28.2	25.5	26.8	28.8
Rental value of farm dwellings (s.)	5.8	5.9	6.1	5.2	5.2	5.1	Other ²⁰ (s.)	3.2	3.3	4.0	2.8	2.8	3.3
Other ⁶ (s.)	26.0	27.5	29.1	24.3	24.8	25.0	Recreation	370.2	402.5	431.1	365.2	395.7	424.4
Household operation	535.0	562.8	591.9	514.5	533.6	548.4	Books and maps (d.)	20.6	22.1	23.2	19.6	20.6	20.8
Furniture, including mattresses and bedspreads (d.)	45.9	48.0	49.6	43.2	44.2	44.6	Magazines, newspapers, and sheet music (n.d.)	24.5	25.5	26.2	22.9	22.9	22.7
Kitchen and other household appliances ⁷ (d.)	25.6	27.2	27.8	25.0	26.6	27.1	Nondurable toys and sport supplies (n.d.)	39.7	42.2	45.4	38.9	41.4	43.9
China, glassware, tableware, and utensils (d.)	24.0	25.3	27.4	23.5	25.0	26.9	Wheel goods, sports and photographic equipment, boats, and pleasure aircraft (d.)	35.6	39.1	42.0	34.8	37.7	40.3
Other durable house furnishings ⁸ (d.)	52.3	54.5	58.2	51.4	53.1	56.1	Video and audio products, computing equipment, and musical instruments (d.)	78.5	85.2	89.7	87.4	101.8	119.5
Semidurable house furnishings ⁹ (n.d.)	27.2	28.9	30.1	25.7	26.9	28.2	Radio and television repair (s.)	4.5	4.9	5.1	4.2	4.5	4.5
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	Flowers, seeds, and potted plants (n.d.)	13.4	13.9	14.9	13.4	13.2	14.4
Stationery and writing supplies (n.d.)	15.1	15.8	17.0	14.4	14.4	14.8	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
Household utilities	163.8	168.5	177.9	156.3	159.4	163.1	Legitimizers theaters and opera, and entertainments of nonprofit institutions (except athletics) (s.)	8.2	8.7	9.3	7.7	7.9	8.0
Electricity (s.)	84.2	88.0	90.3	82.6	84.3	85.2	Spectator sports ²¹ (s.)	5.2	5.5	6.4	4.9	5.0	5.5
Gas (s.)	32.4	31.5	34.9	30.0	30.7	32.7	Clubs and fraternal organizations ²² (s.)	11.8	12.7	13.0	11.2	11.5	11.8
Water and other sanitary services (s.)	36.6	38.8	41.1	33.0	33.8	34.6	Commercial participant amusements ²³ (s.)	36.2	41.5	46.2	34.1	38.0	41.1
Fuel oil and coal (n.d.)	10.5	10.2	11.6	10.7	10.5	10.6	Parimutuel net receipts (s.)	3.3	3.3	3.5	3.1	3.1	3.1
Telephone and telegraph (s.)	82.6	90.2	96.9	79.6	86.6	91.1	Other ²⁴ (s.)	83.1	91.9	99.6	79.1	85.5	89.3
Domestic service (s.)	11.9	12.8	12.5	11.2	11.7	11.0	Education and research	104.7	112.2	119.6	96.8	99.4	102.7
Other ¹⁰ (s.)	35.8	39.4	40.1	34.2	35.9	35.3	Higher education ²⁵ (s.)	59.0	62.2	65.2	53.1	53.7	54.0
Medical care	826.1	871.6	912.8	751.0	766.2	782.4	Nursery, elementary, and secondary schools ²⁶ (s.)	21.4	22.8	24.0	20.4	20.8	21.7
Drug preparations and sundries ¹¹ (n.d.)	81.6	85.7	90.9	76.7	79.1	81.7	Other ²⁷ (s.)	24.4	27.2	30.3	23.4	25.0	27.2
Ophthalmic products and orthopedic appliances (d.)	12.9	13.1	13.9	12.3	12.2	12.6	Religious and welfare activities ²⁸ (s.)	131.2	139.8	150.5	125.6	128.6	136.6
Physicians (s.)	180.0	191.4	196.5	162.4	166.1	169.3	Foreign travel and other, net	-18.3	-22.1	-26.5	-16.2	-19.5	-21.5
Dentists (s.)	43.9	47.6	50.9	39.8	41.1	42.0	Foreign travel by U. S. residents (s.)	50.1	51.9	54.9	48.8	48.9	50.8
Other professional services ¹² (s.)	95.7	104.4	110.2	89.2	95.6	99.1	Expenditures abroad by U. S. residents (n.d.)	2.7	2.6	2.6	2.8	2.4	2.4
Hospitals and nursing homes ¹³	357.0	375.9	394.2	331.5	336.6	343.1	Less: Expenditures in the United States by nonresidents (s.)	69.7	75.2	82.7	66.4	69.5	73.5
Hospitals	298.1	310.6	325.1	276.9	278.5	284.4	Less: Personal remittances in kind to nonresidents (n.d.)	1.4	1.4	1.2	1.3	1.3	1.1
Nonprofit (s.)	200.2	207.9	217.3	187.8	188.2	191.8	Residual .....	.....	.....	.....	-5.7	-10.6	-17.8
Proprietary (s.)	32.1	34.5	37.1	29.2	30.3	31.9							
Government (s.)	68.8	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							

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

2. Includes luggage.

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

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

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

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

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

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

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

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

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

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

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

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

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	-0.9	-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	586.6
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				Compensation			Wage and salary accruals		
	1994	1995	1996	1994	1995	1996		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	68,838	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							
Public utilities													
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 ²	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										

Table B.8.—Employment by Industry

[Thousands]

	Full-time and part-time employment			Persons engaged in production ¹				Full-time and part-time employment			Persons engaged in production ¹		
	1994	1995	1996	1994	1995	1996		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							
Public utilities													
Electric, gas, and sanitary services													
Telephone and telegraph													
Radio and television													
Holding and other investment offices													
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				Dollars			Thousands		
	Wages and salaries per full-time equivalent			Full-time equivalent employees				Wages and salaries per full-time equivalent			Full-time equivalent employees		
	1994	1995	1996	1994	1995	1996		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	10,680							
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	40,237	42,262	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 CCAAdj	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			

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: CCAAdj	-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 CCAAdj ...	17.6	25.2	27.1			
Rental income of persons with CCAAdj	96.7	104.3	115.8			
Corporate profits with IVA and CCAAdj	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.
 CCAAdj Capital consumption adjustment
 IVA Inventory valuation adjustment

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.
 CCAAdj 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	100.27
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										

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			
	Gross domestic product	Final sales of domestic product	Gross national product	Gross domestic product	Final sales of domestic product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product	Chain-type price index		Implicit price deflators	
										Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
1959	2,210.2	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	5,620.0	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	2.2	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	4.1	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			
	Gross domestic product	Final sales of domestic product	Gross national product	Gross domestic product	Final sales of domestic product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product	Chain-type price index		Implicit price deflators	
										Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
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	4,086.5	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	7.6	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	48.66	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	7.1	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	3.5
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	4.4
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			
	Gross domestic product	Final sales of domestic product	Gross national product	Gross domestic product	Final sales of domestic product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product	Chain-type price index		Implicit price deflators	
										Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
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	2.3	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	2.3	2.0	1.7	1.9	2.8	2.8	2.9	3.5	2.0
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					
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	-9				
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		2.3												
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	5.0																		
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	5.5																							

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	3.1	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	3.1	2.9	2.6	2.5	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	3.2	2.9	2.6	2.5	2.4	2.4	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	1.8	2.1	2.9	2.9	2.9	2.9	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	2.9	2.9
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	3.9	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	-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</														

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	5.1	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	2.5	
1994	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	2.4	2.5	2.5	
1993	5.5	5.5	5.6	5.6	5.1	5.1	5.0	4.8	4.5	4.1	3.6	3.4	3.4	3.4	3.4	3.4	3.5	3.6	3.5	3.4	3.0	2.6	2.5	2.5	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	2.8	2.8	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	3.6	3.7	3.9	4.0	4.1	4.1	4.1	4.1	4.1	4.1	
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	4.5	4.5	4.5	4.5	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	4.1	4.2	4.2	4.2	4.2	4.2	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	3.6	3.6	3.6	3.6	3.6	3.6	3.6	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	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	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	3.2	3.1	2.9	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	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	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	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	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	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	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	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	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	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	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
1980	7.5	7.7	8.1	8.4	8.2	7.9	8.5	9.0	9.8	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
1979	7.1	7.3	7.8	8.1	7.7	7.3	7.7	8.2	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
1978	6.9	7.1	7.6	7.9	7.3	6.7	7.1	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
1977	6.8	7.1	7.6	8.0	7.3	6.3	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
1976	6.8	7.1	7.8	8.4	7.5	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
1975	7.0	7.4	8.4	9.7	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
1974	6.4	6.8	8.0	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
1973	5.2	5.2	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
1972	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
1971	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	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	2.8
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	2.7	2.5	2.8
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	2.1	2.1	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	1.1	2.5	2.1	2.1	2.1	2.1
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	1.4	1.3	2.3	2.1	2.1	2.1	2.1
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	1.6	2.5	2.1	2.1	2.1	2.1
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	1.6	1.6	2.5	2.1	2.1	2.1	2.1
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	3.0	1.6	1.6	2.5	2.1	2.1	2.1	2.1
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	3.5	3.0	1.6	1.6	2.5	2.1	2.1	2.1	2.1
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	3.5	3.0	1.6	1.6	2.5	2.1	2.1	2.1	2.1	2.1
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	4.6	4.6	3.5	3.0	1.6	1.6	2.5	2.1	2.1	2.1	2.1
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	5.0	5.0	5.0	3.5	3.0	1.6	1.6	2.5	2.1	2.1	2.1	2.1
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	3.7	3.7	3.7	3.7	3.0	1.6	1.6	2.5	2.1	2.1	2.1	2.1	2.1
1982	2.6	2.6	2.3	2.0	2.3	2.5	2.3	1.9	1.0	1.3	1.1	1.4	3.7	3.7	3.7	3.7	3.7	3.0	1.6	1.6	2.5	2.1	2.1	2.1	2.1	2.1
1981	3.0	3.0	2.7	2.4	2.8	3.1	2.9	2.6	1.7	1.1	1.1	1.4	3.7	3.7	3.7	3.7	3.7	3.0	1.6	1.6	2.5	2.1	2.1	2.1	2.1	2.1
1980	3.1	3.2	2.9	2.6	3.1	3.5	3.4	3.1	2.0	1.6	1.1	1.4	3.7	3.7	3.7	3.7	3.7	3.0	1.6	1.6	2.5	2.1	2.1	2.1	2.1	2.1
1979	3.4	3.5	3.2	2.9	3.6	4.3	4.3	4.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1978	3.4	3.5	3.2	2.8	3.6	4.6	4.8	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
1977	3.2	3.3	2.8	2.2	3.1	4.2	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1976	3.0	3.0	2.4	1.5	2.4	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1975	2.8	2.8	1.9	3	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1974	3.3	3.4	2.5	3	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1973	4.5	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
1972	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
1971	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7

Table C.7

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=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	126.0	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.

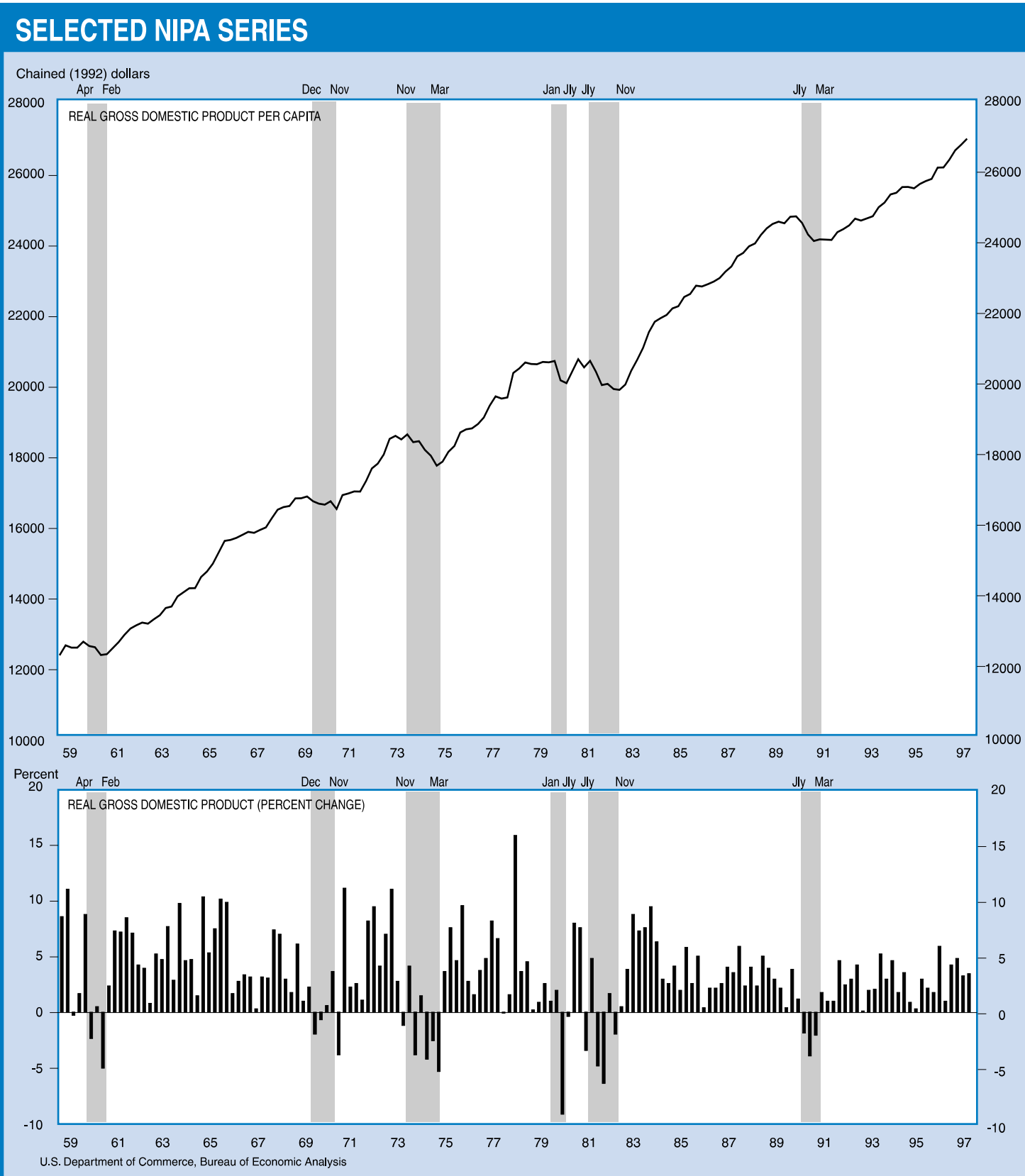
3. Standard and Poor's, Inc.

4. Bureau of the Census.

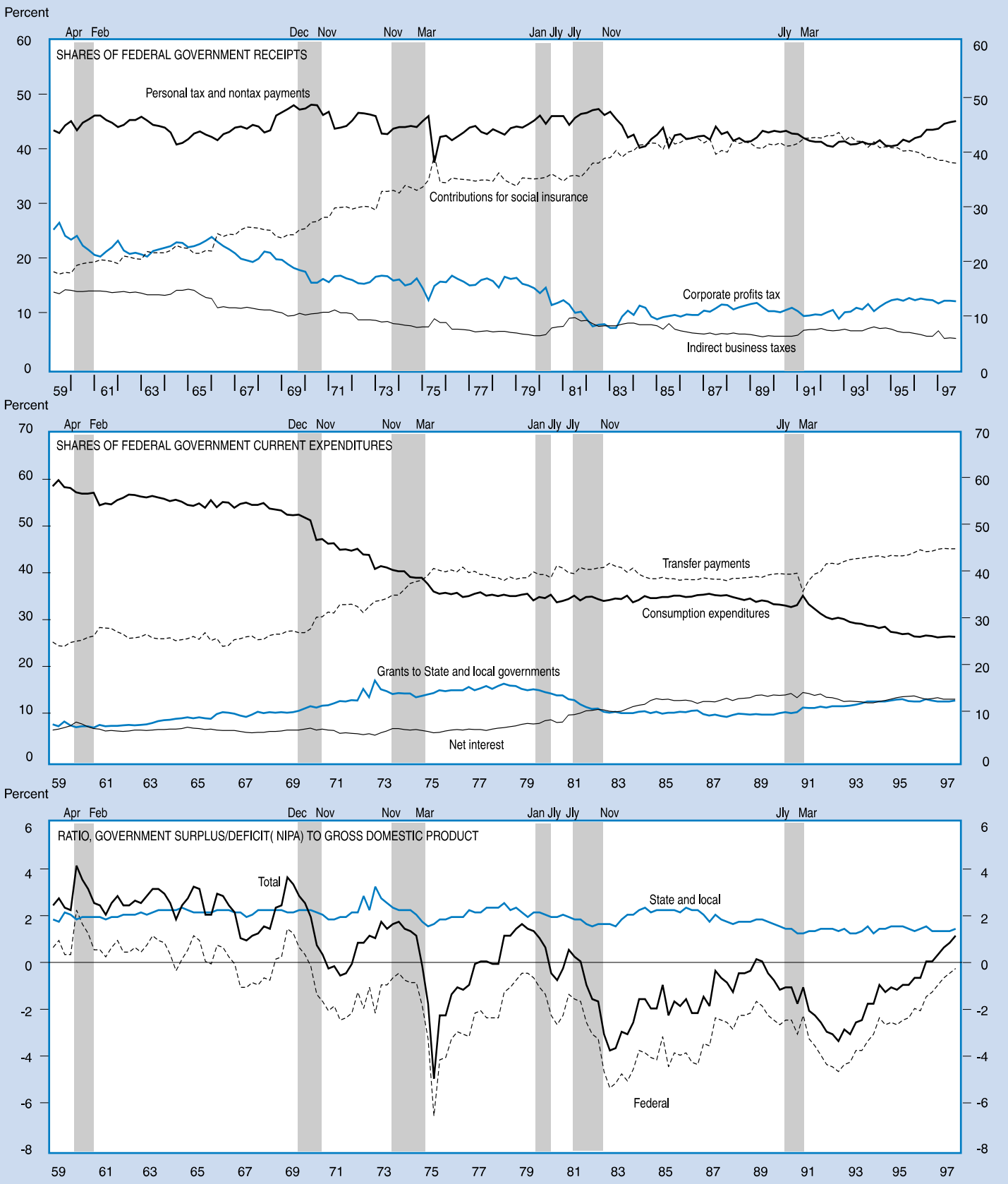
n.e.c. Not elsewhere classified.

E. Charts

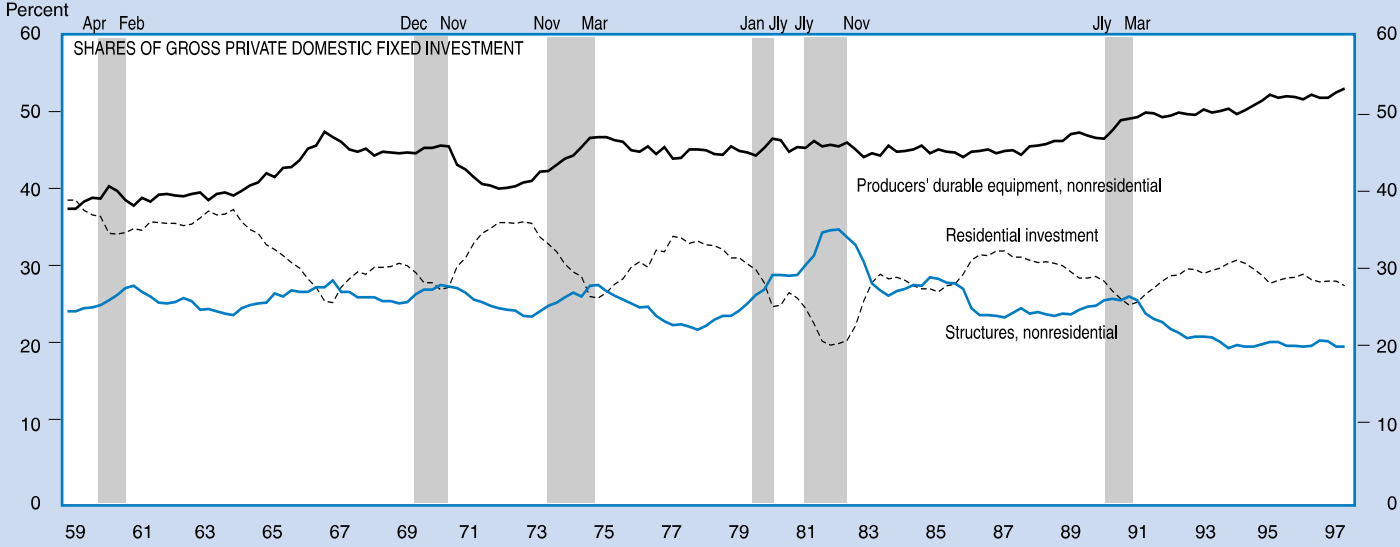
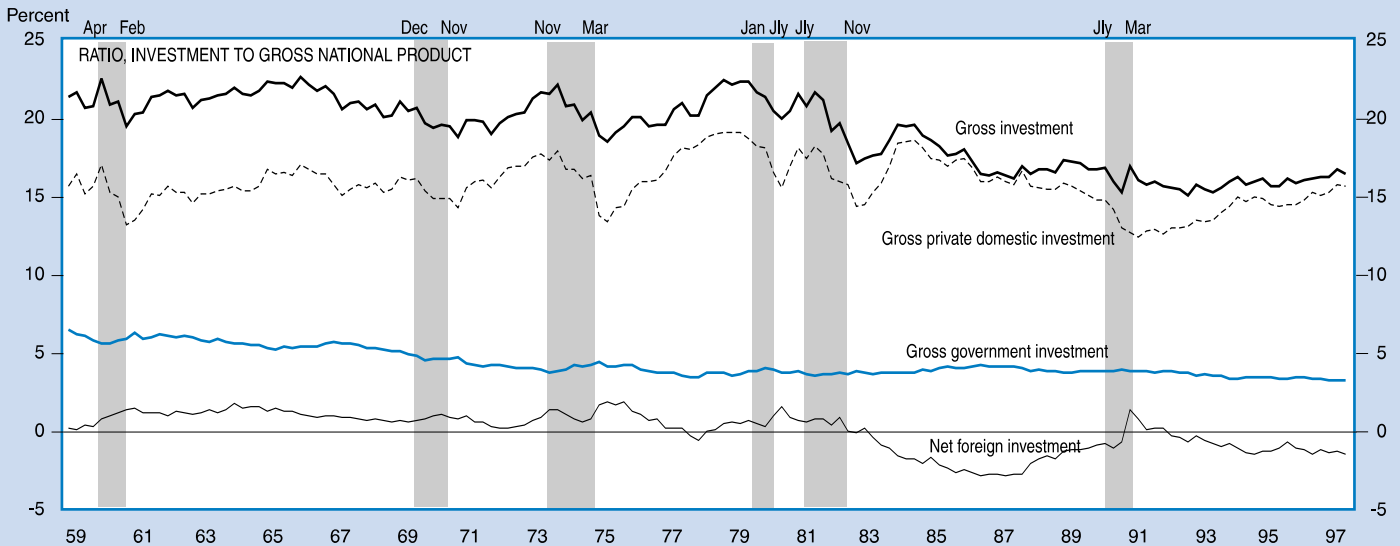
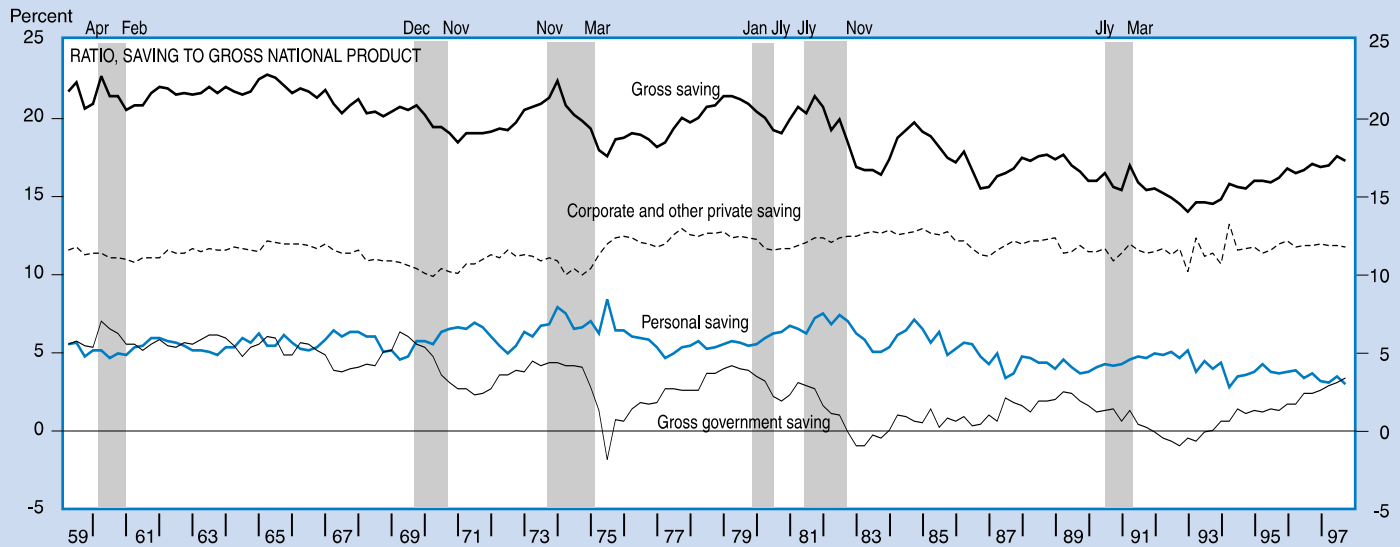
Percent changes shown in this section are based on quarter-to-quarter changes and are expressed at seasonally adjusted annual rates; likewise, levels of series are expressed at seasonally adjusted annual rates as appropriate.



SELECTED NIPA SERIES

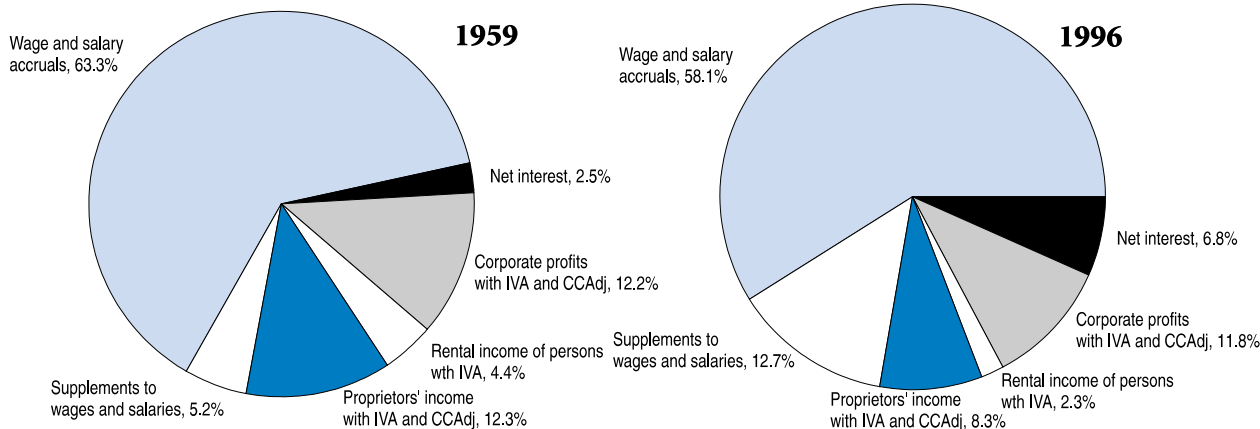


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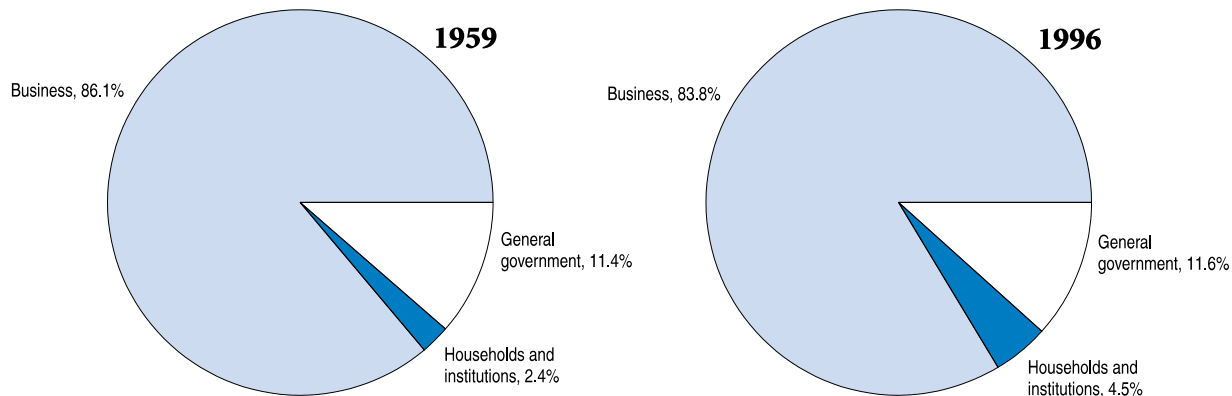


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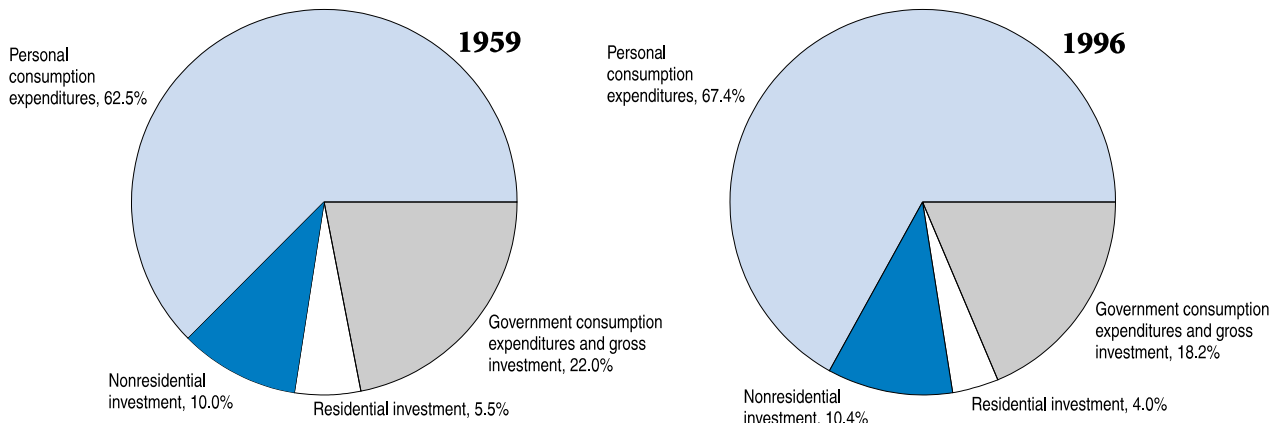
SHARES OF NATIONAL INCOME



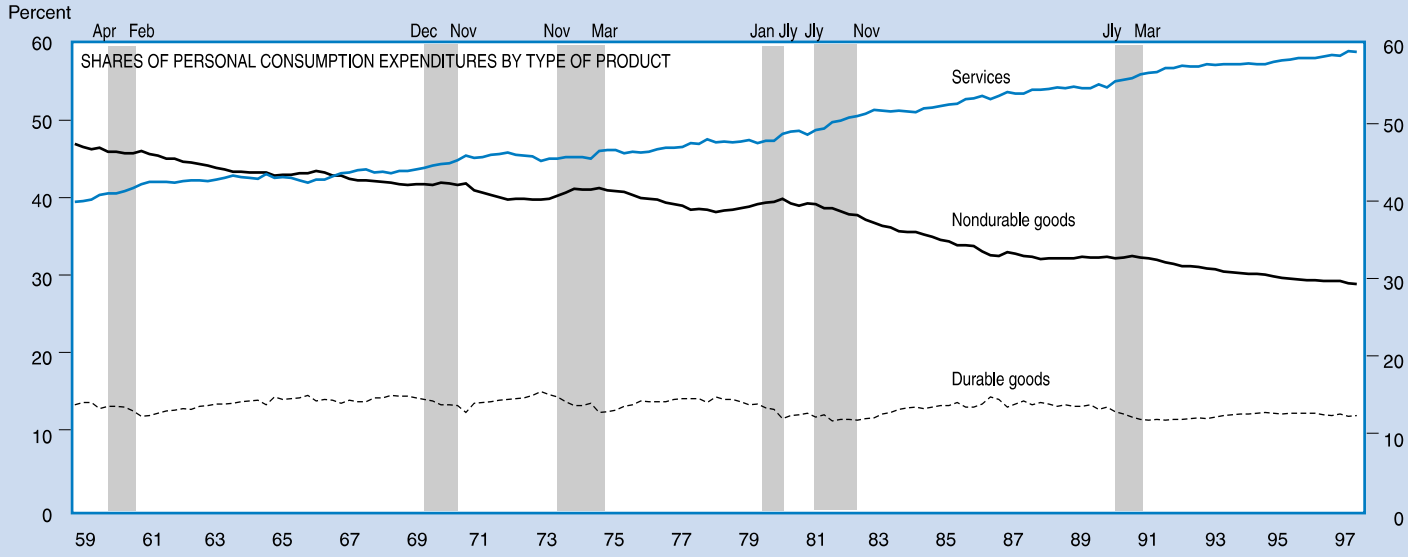
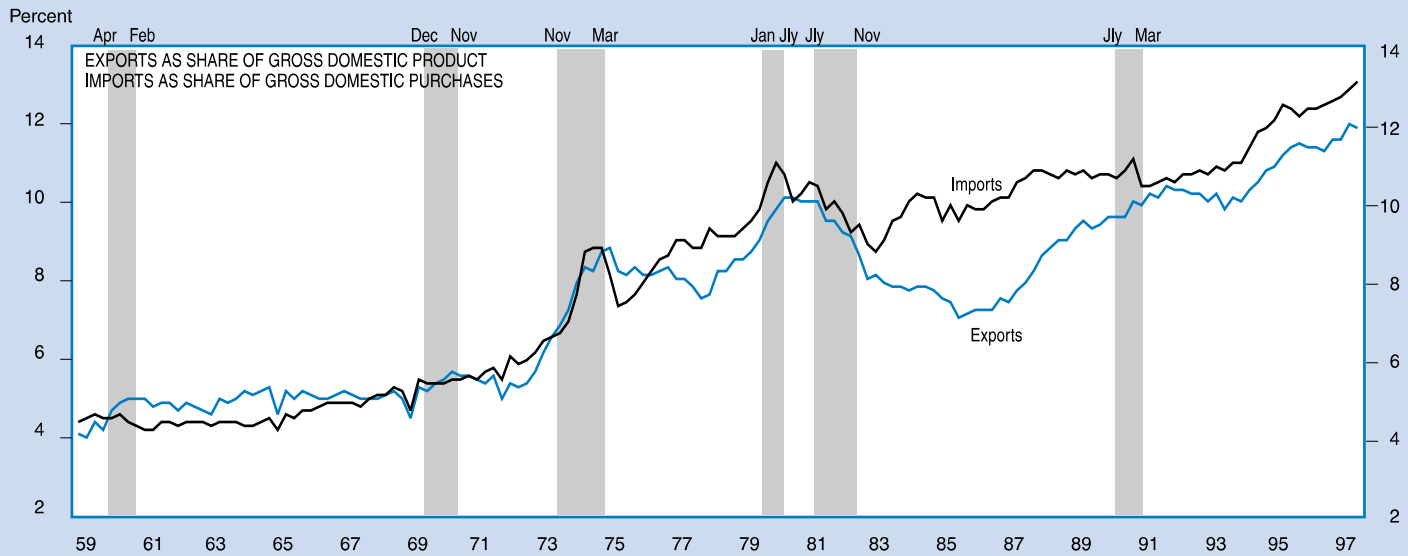
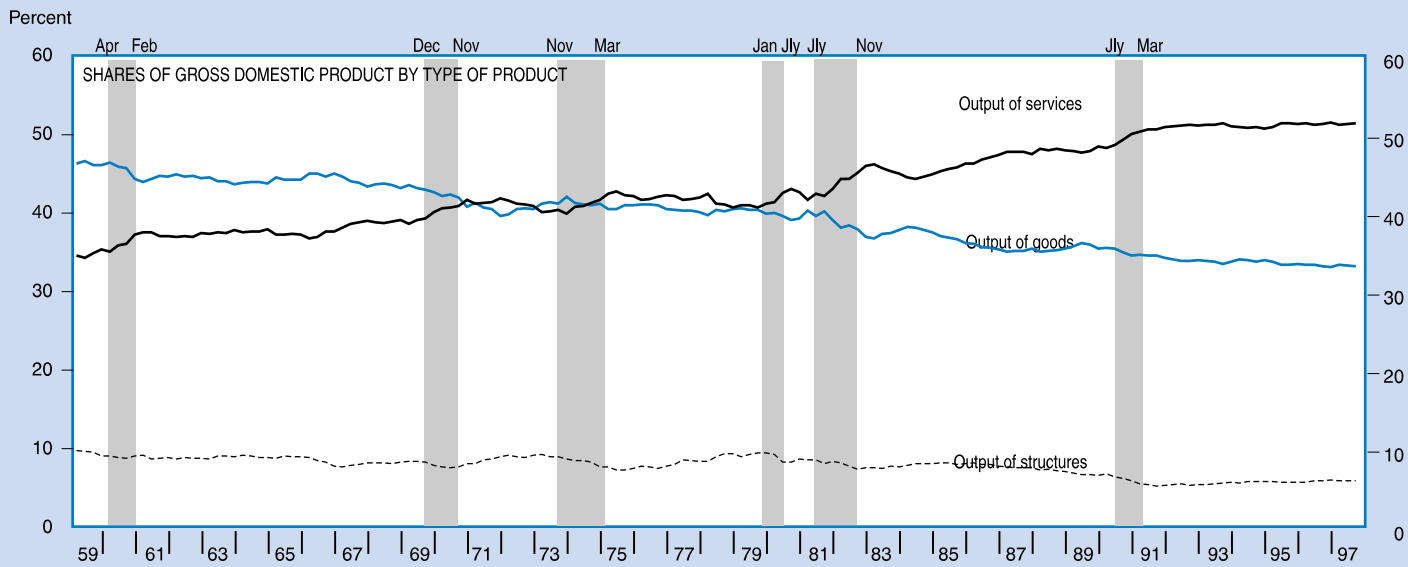
SHARES OF GROSS DOMESTIC PRODUCT BY SECTOR



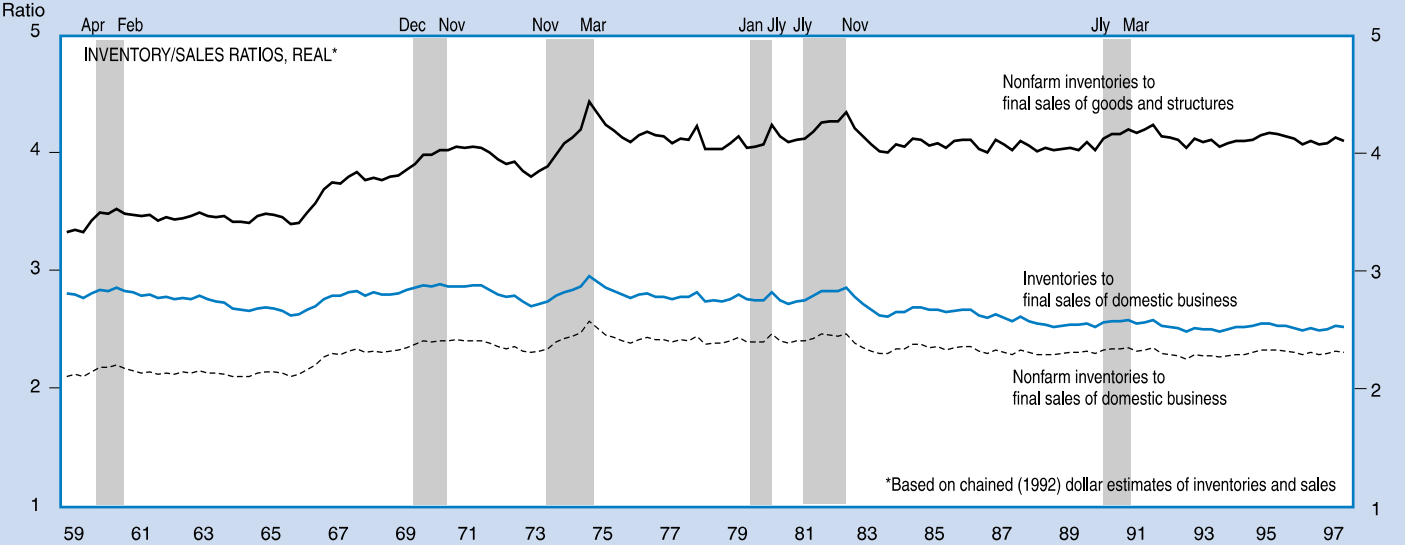
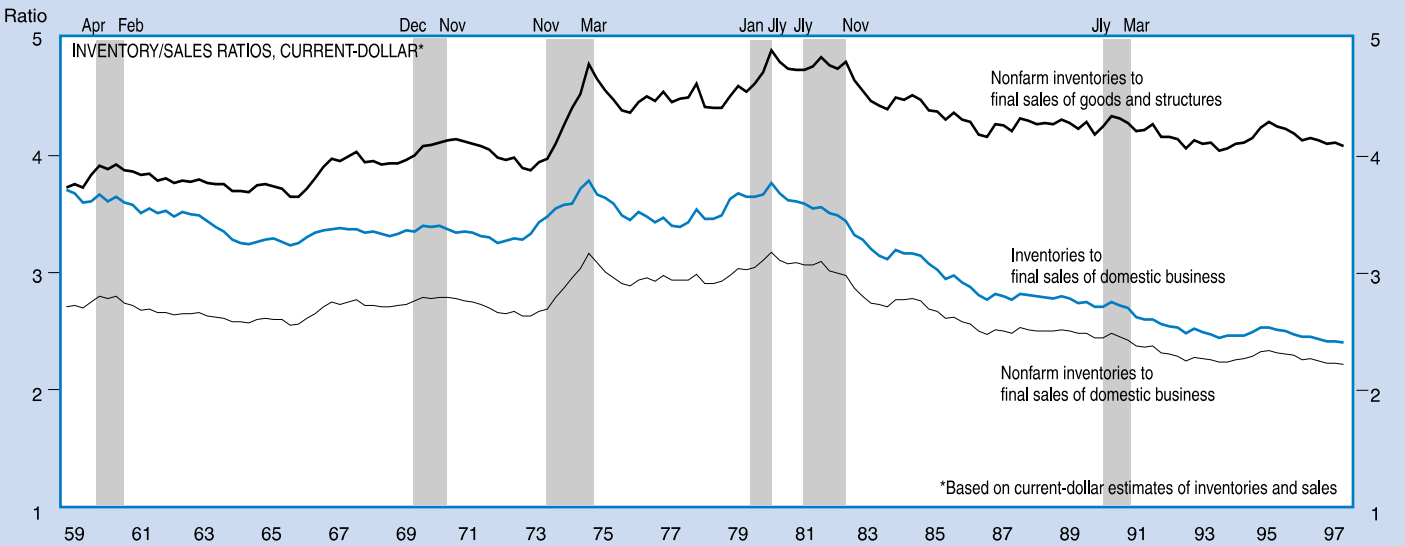
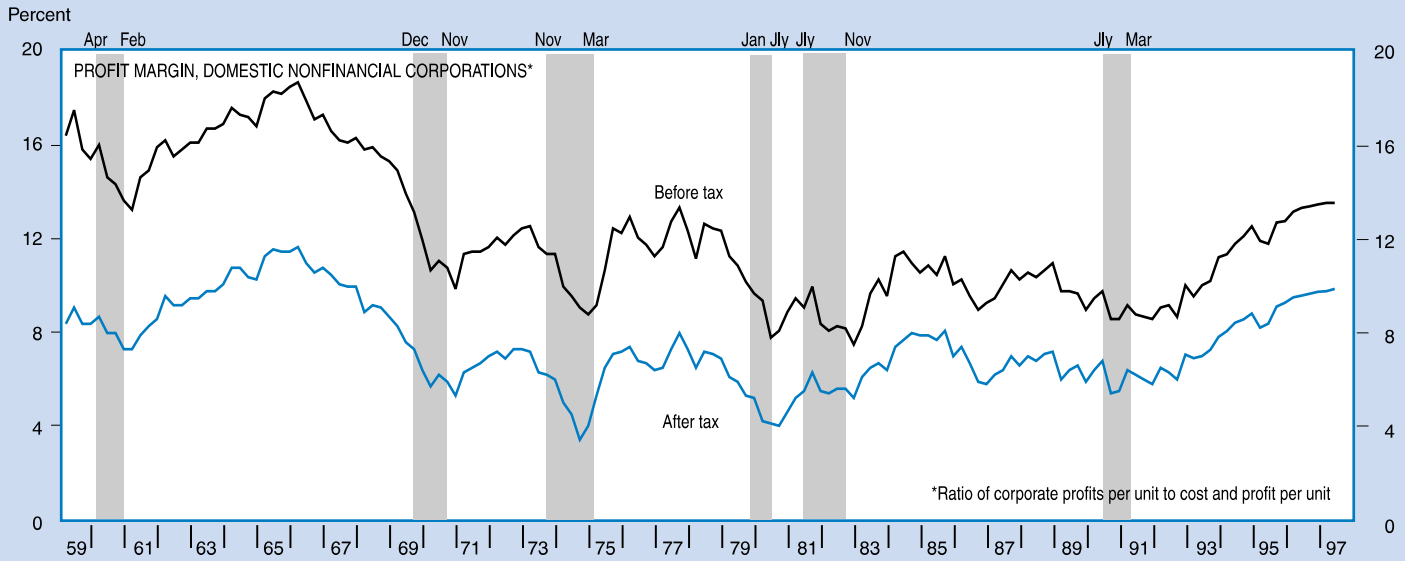
SHARES OF GROSS DOMESTIC PURCHASES



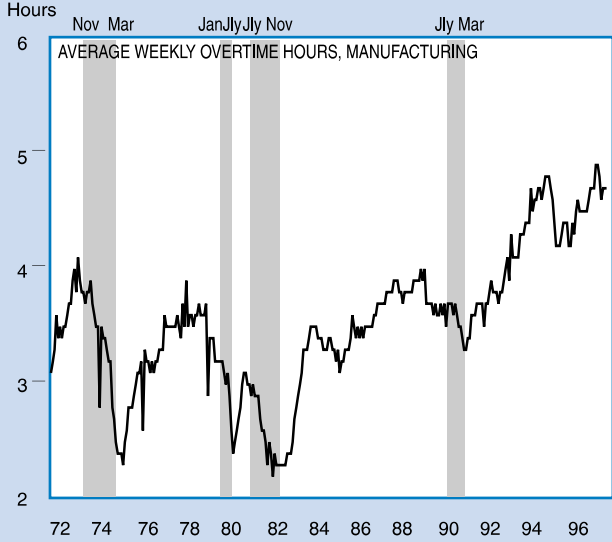
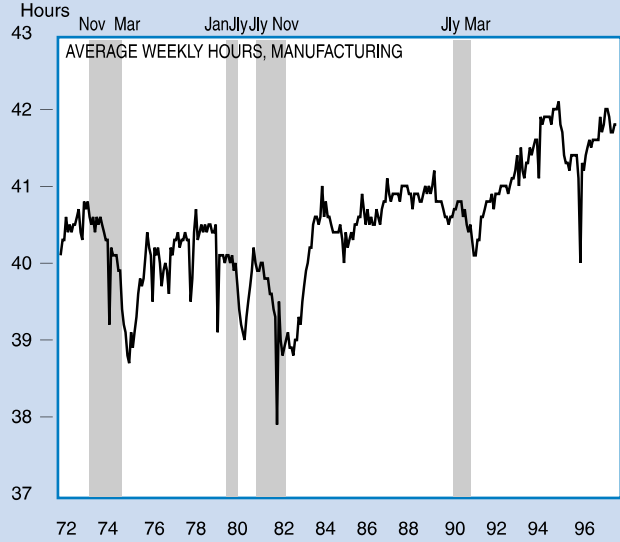
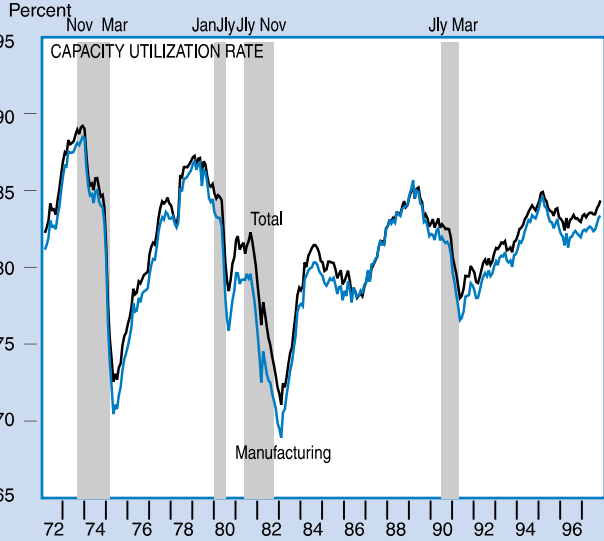
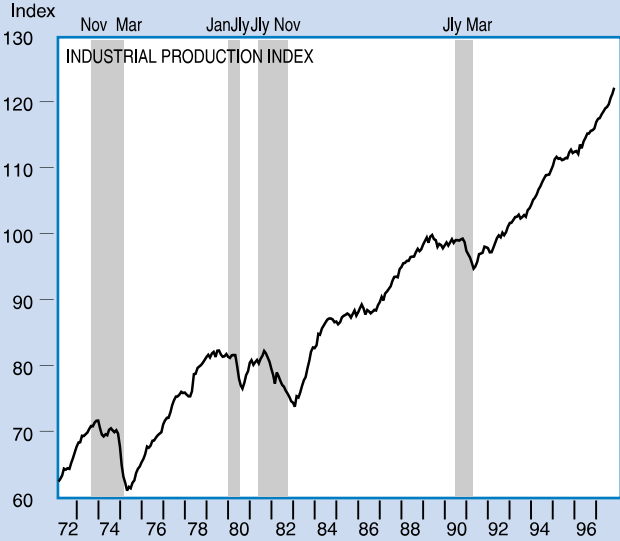
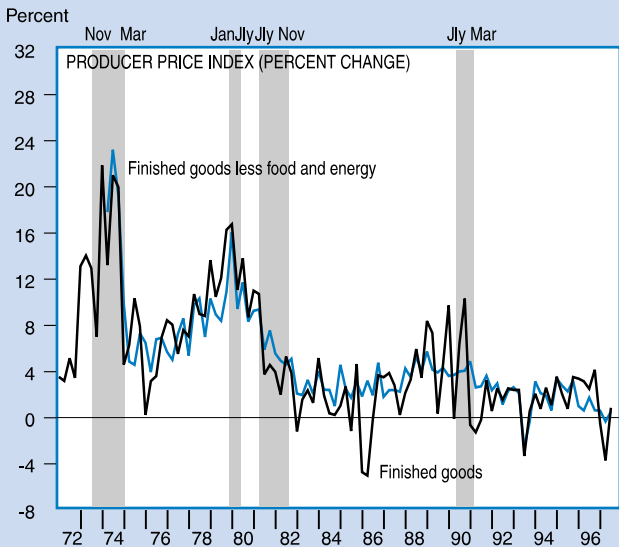
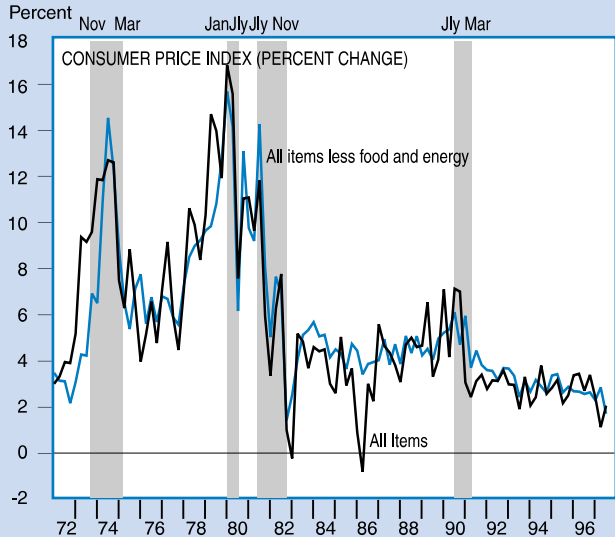
SELECTED NIPA SERIES



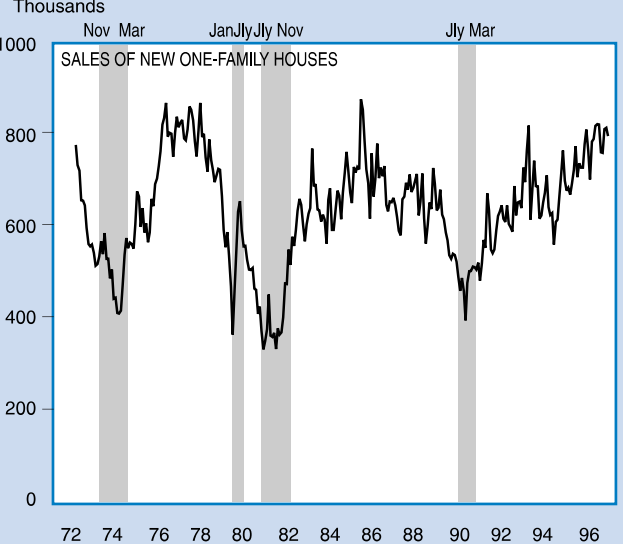
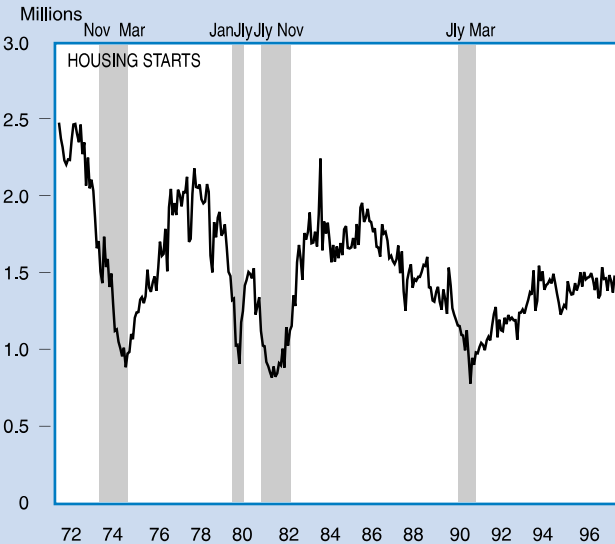
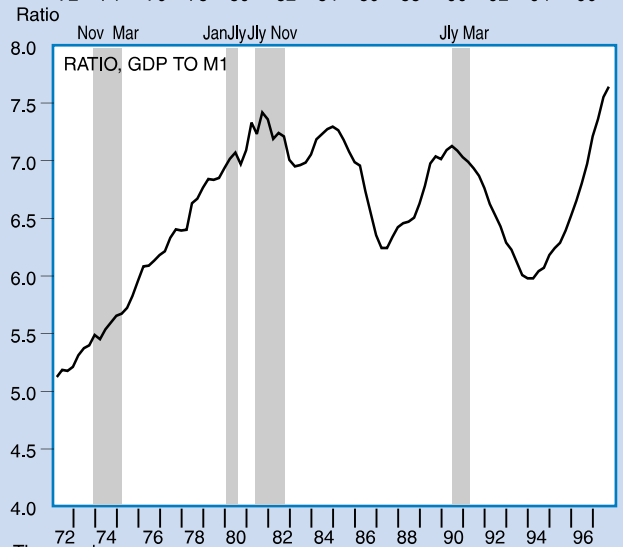
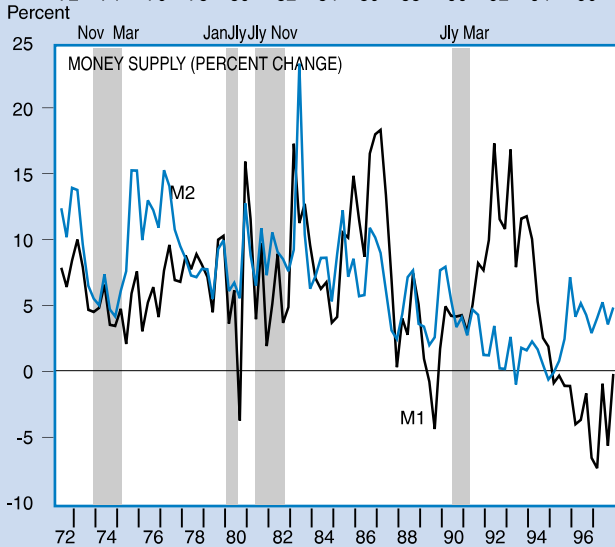
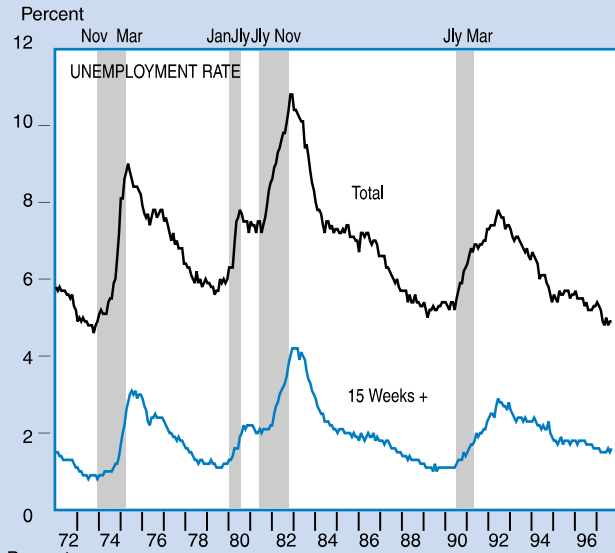
SELECTED NIPA SERIES



OTHER INDICATORS OF THE DOMESTIC ECONOMY



OTHER INDICATORS OF THE DOMESTIC ECONOMY



International Data

F. Transactions Tables

Table F.1 includes the most recent estimates of U.S. international trade in goods and services; the estimates were released on October 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	27,383	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 ³	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	61,856	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	19,283	17,890	18,130	18,433	19,117	19,759	20,382
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	-1,163,540	-270,428	-289,195	-301,489	-302,337	-300,017	-322,944	-278,860	-289,231	-295,685	-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	370	-199	-133	848	-146	72	-133	-199	-133	848	-146	72	-133
36	Special drawing rights	-1,280	-849	-220	-183	-28	1,055	54	-849	-220	-183	-28	1,055	54
37	Reserve position in the International Monetary Fund	7,878	1,065	-170	6,824	-141	3,353	-157	1,065	-170	6,824	-141	3,353	-157
38	Foreign currencies	-690	-210	-358	162	-284	-21	-238	-210	-358	162	-284	-21	-238
39	U.S. Government assets, other than official reserve assets, net	-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
40	U.S. credits and other long-term assets	4,134	1,013	870	1,206	1,045	1,111	1,328	1,013	870	1,206	1,045	1,111	1,328
41	Repayments on U.S. credits and other long-term assets ⁸	106	-147	261	83	-91	-25	6	-147	261	83	-91	-25	6
42	U.S. foreign currency holdings and U.S. short-term 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
43	Direct investment	-87,813	-25,097	-25,097	-22,200	-26,258	-28,773	-30,984	-22,210	-23,634	-11,104	-30,865	-26,426	-29,081
44	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
45	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
46	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
47	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
48	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
49	U.S. Government securities	115,634	55,652	-1,225	26,689	35,418	23,940	-7,800	55,652	-1,225	26,689	35,418	23,940	-7,800
50	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
51	Other ¹⁰	4,381	52	1,258	1,217	1,854	651	644	52	1,258	1,217	1,854	651	644
52	U.S. Government liabilities ¹¹	720	-143	-204	907	160	478	804	-143	-204	907	160	478	804
53	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
54	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
55	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
56	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
57	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
58	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
59	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
60	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
61	Allocations of special drawing rights													
62	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
63	<i>Of which seasonal adjustment discrepancy</i>								6,226	-1,076	-7,830	2,669	7,059	-1,768
63a	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</												

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	5,755	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	-456	-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
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
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	65,508	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	U.S. liabilities reported by U.S. banks, not included elsewhere	310	73	221	150	94	158	7	-77	-33	53	76	64
54	Other foreign official assets ¹²	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
55	Other foreign assets in the United States, net	74,164	100,364	91,406	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
56	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
57	U.S. Treasury securities and U.S. currency flows	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
58	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
59	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	.....
60	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
61	Allocations of special drawing rights .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
62	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
63	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

^{1/} Preliminary.

^{2/} 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 official 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	-878	-558	-2,342	-2,563	-2,800	-10,008	-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
64	Memoranda:												
65	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
66	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
67	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
68	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
69	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
68	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	-82	-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 ⁴	-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
64	Memoranda:									
65	Balance on goods (lines 2 and 16)	1,747	1,664	1,897	-22,046	-19,275	-21,647			
66	Balance on services (lines 3 and 17)	511	378	687	6,084	5,477	5,832	828	761	771
67	Balance on goods and services (lines 64 and 65)	2,258	2,042	2,584	-15,962	-13,798	-15,815	828	761	771
68	Balance on investment income (lines 11 and 25)	1,219	1,202	1,409	596	-145	-29	2,792	2,644	2,738
69	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
68	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
55	Memoranda: 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 govern-

ments 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 ^r
			Attributable to:				Total (a+b+c+d)	
			Capital flows	Valuation adjustments				
				Price changes	Exchange rate changes ¹	Other changes ²		
		(a)	(b)	(c)	(d)			
1	Net international investment position of the United States:							
2	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

^r 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	(P)	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	(P)	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

^P 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

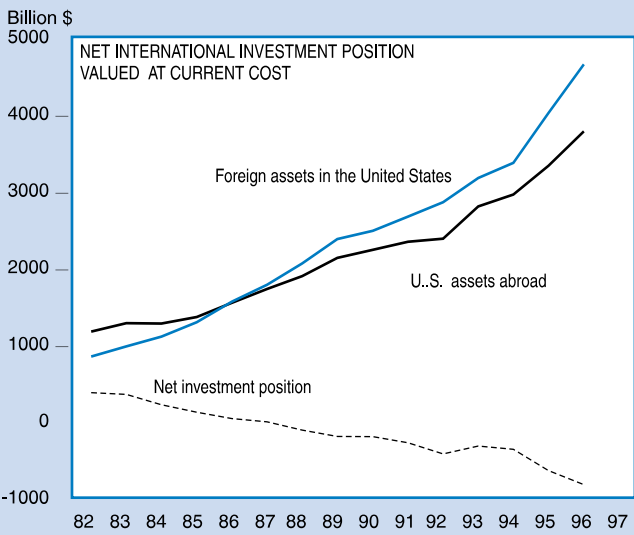
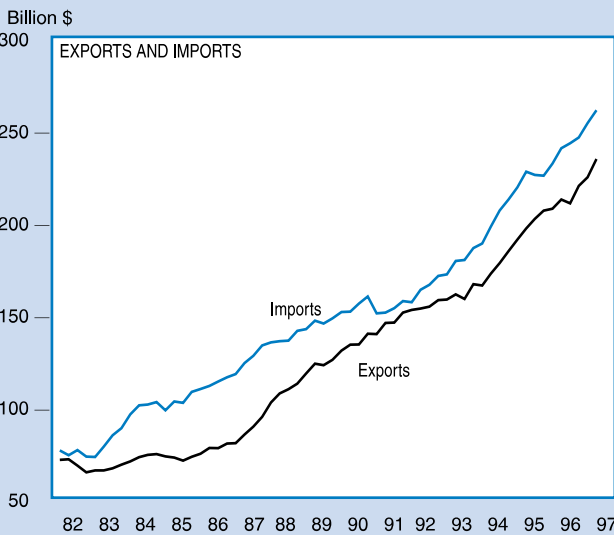
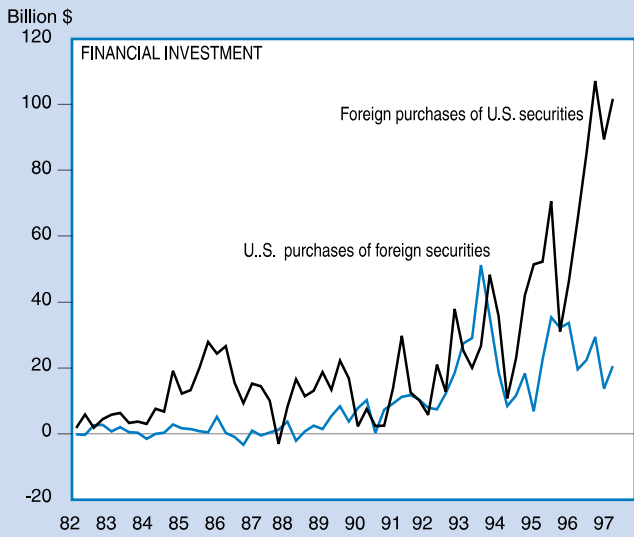
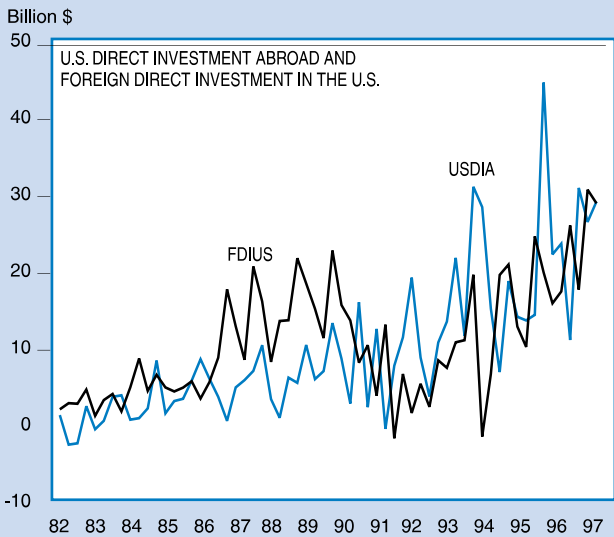
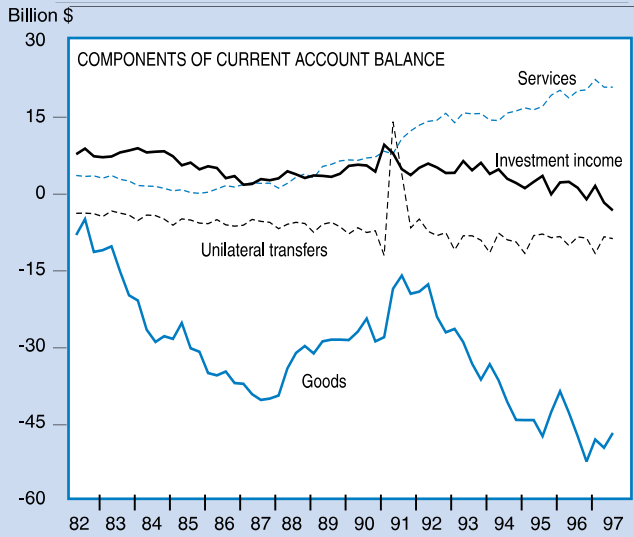
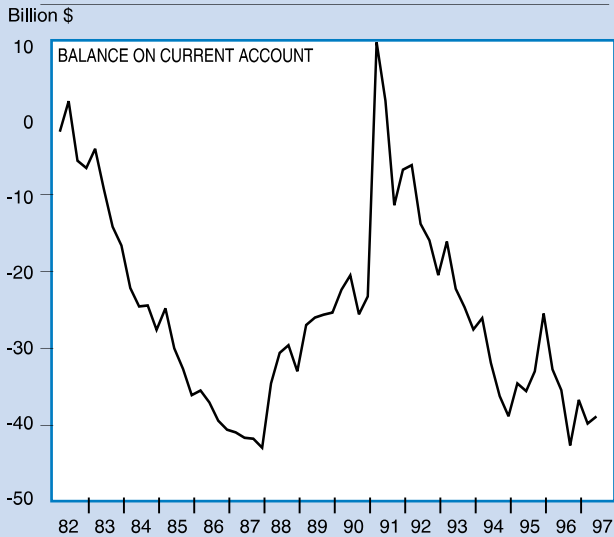
	1995	1996	1996						1997							
			July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
Short-term, 3-month, interest rates (percent, not seasonally adjusted)																
Canada	7.07	4.43	4.69	4.24	4.06	3.49	3.00	3.08	3.11	3.10	3.20	3.41	3.29	3.22	3.51	3.63
France	6.58	3.94	3.84	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
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



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 gsprerad@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	20,123	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	2.0	.8	238,800	250,033	251,186	254,144	259,032	261,141	2.0	.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	539,680	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	159,880	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	66,962	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	102,838	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	2.0	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	36,186	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									

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
Midwest	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	7.7	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	64.6	61.6	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
Midwest	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	9,319
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
Midwest		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	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	164,061	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	26,253	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	1,666	25,938
Indiana	15	138,190	1,839	531	753	6,493	41,843	29,115	12,728	11,407	8,382	12,334	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	22,582	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	20	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	3,180	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	6,637	7,272	1,179	411	4,555
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	19,322	16,562	16,355	16,714	28,263	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	5,030
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	3,146	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	99,787	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	2,261	3,061	742	266	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	6,221	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	26,691
Hawaii	38	3															

K. Local Area Table

Table K.1.—Personal Income and Per Capita Personal Income by Metropolitan Area, 1993–95

Area name	Personal income			Percent change ²	Per capita personal income ³			Rank in U.S.
	Millions of dollars				Dollars			
	1993	1994	1995		1993	1994	1995	
United States¹	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	23,030	24,792	
Dallas-Fort Worth, TX	98,735	105,222	113,633	8.0	23,006	24,304	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	97,300	104,073	6.9	23,048	23,993	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	171,826	174,618	180,095	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	27,921	
Portland-Salem, OR-WA	41,382	44,382	48,170	8.5	21,236	22,308	23,679	
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	30,302	
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 Areas⁴								
Abilene, TX	2,117	2,153	2,299	6.8	17,407	17,720	18,708	254
Akron, OH ⁵	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 ⁶	12,251	13,472	14,508	7.7	24,101	26,255	27,829	24
Annisson, 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 ⁷	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 ⁸	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	20,293	21,284	150
Bergen-Passaic, NJ ⁹	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
Birmingham, 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 ¹⁰	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 ¹¹	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	24,448	65
Cedar Rapids, IA	3,835	4,094	4,363	6.6	21,928	23,184	24,248	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	24,330	56
Chattanooga, TN-GA	8,461	8,887	9,453	6.4	19,450	20,230	21,630	147
Cheyenne, WY	1,570	1,597	1,664	4.2	20,420	20,458	21,201	153
Chicago, IL ¹²	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	18,400	280
Cincinnati, OH-KY-IN ¹³	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 ¹⁴	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 ¹⁵	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	23,298	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 ¹⁶	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 ¹⁷	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	1,689	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 ¹⁸	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							

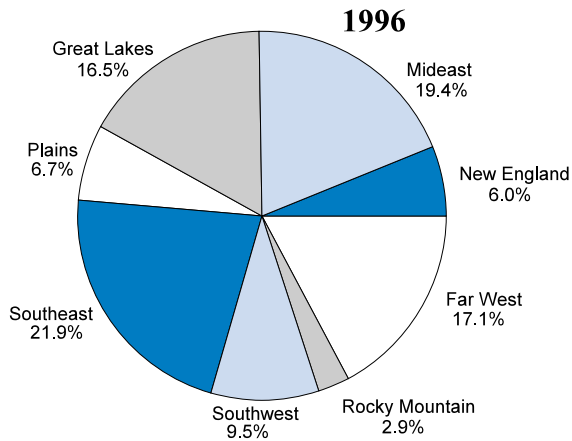
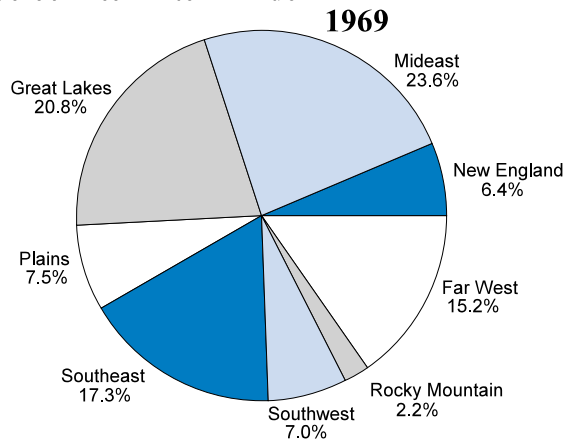
Table K.1.—Personal Income and Per Capita Personal Income by Metropolitan Area, 1993–95—Continued

Area name	Personal income				Per capita personal income ³				Area name	Personal income				Per capita personal income ³			
	Millions of dollars			Percent change ²	Dollars			Rank in U.S.		Millions of dollars			Percent change ²	Dollars			Rank in U.S.
	1993	1994	1995		1993	1994	1995			1993	1994	1995		1993	1994	1995	
Jonesboro, AR	1,154	1,226	1,335	8.9	15,905	16,704	17,826	290	Raleigh-Durham-Chapel Hill, NC ...	21,293	22,694	24,596	8.4	22,661	23,448	24,675	54
Joplin, MO	2,357	2,543	2,739	7.7	16,857	17,960	19,088	241	Rapid City, SD	1,564	1,645	1,760	7.0	18,181	18,991	20,176	189
Kalamazoo-Battle Creek, MI	8,737	9,229	9,821	6.4	19,895	20,964	22,203	122	Reading, PA	7,698	8,020	8,455	5.4	22,268	23,008	24,139	67
Kankakee, IL	1,808	1,922	2,020	6.7	18,003	18,699	19,901	204	Redding, CA	2,909	3,007	3,146	4.6	18,319	18,785	19,558	219
Kansas City, MO-KS	36,359	38,533	41,123	6.7	22,290	23,244	24,576	58	Reno, NV	6,933	7,506	8,110	8.0	25,189	26,448	27,866	23
Kenosha, WI*	2,597	2,751	2,948	7.2	19,092	19,990	21,117	158	Richland-Kennebec-Pasco, WA	3,388	3,605	3,699	2.6	20,220	20,691	20,618	171
Killeen-Temple, TX	4,202	4,530	4,828	6.6	15,600	15,682	16,508	303	Richmond-Petersburg, VA	21,378	22,540	23,940	6.2	23,600	24,587	25,851	41
Knoxville, TN	12,153	12,964	13,814	6.6	19,627	20,566	21,558	138	Riverside-San Bernardino, CA*	50,578	52,250	55,477	6.2	17,584	17,892	18,685	255
Kokomo, IN	2,071	2,203	2,368	7.5	20,848	22,130	23,715	77	Roanoke, VA	5,017	5,207	5,575	7.1	22,045	22,753	24,378	62
La Crosse, WI-MN	2,314	2,430	2,550	4.9	19,385	20,210	21,088	159	Rochester, MN	2,608	2,667	2,784	4.4	23,141	23,574	24,720	52
Lafayette, LA	5,720	6,161	6,527	5.9	15,999	17,060	17,867	287	Rochester, NY	24,339	25,451	26,703	4.9	22,372	23,386	24,566	59
Lafayette, IN	2,994	3,164	3,353	6.0	18,070	18,806	19,734	215	Rockford, IL	6,837	7,381	7,888	6.9	19,923	21,330	22,602	111
Lake Charles, LA	2,957	3,176	3,394	6.9	17,188	18,258	19,262	230	Rocky Mount, NC	2,375	2,481	2,656	7.1	17,147	17,631	18,615	260
Lakeland-Winter Haven, FL	7,175	7,709	8,344	8.2	16,972	17,930	19,126	238	Sacramento, CA*	30,464	31,962	34,258	7.2	21,306	22,173	23,459	84
Lancaster, PA	9,537	9,785	10,321	5.5	21,745	22,084	23,056	93	Saginaw-Bay City-Midland, MI	7,973	8,478	8,996	6.1	19,787	21,047	22,342	118
Lansing-East Lansing, MI	8,531	9,168	9,686	5.7	19,553	20,614	21,717	132	St. Joseph, MO	2,609	2,777	2,902	4.5	16,825	17,408	18,272	272
Laredo, TX	1,730	1,885	1,966	4.3	10,998	11,430	11,412	314	St. Louis, MO-IL	1,697	1,781	1,872	5.1	17,251	18,214	19,222	233
Las Cruces, NM	2,059	2,160	2,343	8.5	13,487	13,752	14,643	311	St. Louis, MO	56,970	59,826	63,929	6.9	22,529	23,634	25,170	48
Las Vegas, NV-AZ	21,342	23,786	26,198	10.1	21,054	21,974	22,927	97	Salem, OR*	5,300	5,624	6,010	6.9	17,612	18,278	19,154	236
Lawrence, KS	1,417	1,505	1,608	6.8	16,483	17,266	18,191	274	Salinas, CA	7,946	7,922	8,452	6.7	22,577	23,804	25,270	47
Lawton, OK	1,778	1,803	1,880	4.3	15,041	15,866	16,870	297	Salt Lake City-Ogden, UT	20,413	22,030	23,739	7.8	17,674	18,703	19,825	205
Lewiston-Auburn, ME (NECMA)	1,849	1,918	2,019	5.3	17,808	18,558	19,626	217	San Angelo, TX	1,754	1,845	1,958	6.1	17,553	18,247	19,231	232
Lexington, KY	8,660	9,080	9,743	7.3	20,331	21,060	22,394	116	San Antonio, TX	25,644	27,298	29,313	7.4	18,214	19,055	20,034	196
Lima, OH	2,795	2,988	3,117	4.3	17,897	19,168	20,042	195	San Diego, CA	56,001	57,820	61,106	5.7	21,484	22,114	23,263	88
Lincoln, NE	4,441	4,831	5,156	6.7	20,275	21,325	22,446	114	San Francisco, CA*	55,375	56,964	60,853	6.8	33,891	34,745	36,989	1
Little Rock-North Little Rock, AR	10,589	11,105	11,916	7.3	19,680	20,652	21,954	126	San Jose, CA*	43,786	45,784	49,548	8.2	28,362	29,439	31,487	10
Longview-Marshall, TX	3,507	3,660	3,905	6.7	17,531	18,166	19,132	237	San Luis Obispo-Atascadero-Paso Robles, CA	4,216	4,361	4,645	6.5	18,970	19,444	20,490	176
Los Angeles-Long Beach, CA*	199,770	201,754	213,337	5.7	21,984	22,218	23,501	82	Santa Barbara-Santa Maria-Lompoc, CA	9,193	9,378	9,929	5.9	24,216	24,435	25,860	40
Louisville, KY-IN	20,804	21,834	23,232	6.4	21,363	22,267	23,552	81	Santa Cruz-Watsonville, CA*	5,618	5,788	6,193	7.0	24,049	24,587	26,202	36
Lubbock, TX	4,100	4,430	4,590	6.0	18,027	18,776	19,783	209	Santa Fe, NM	2,913	3,087	3,350	8.5	22,812	23,461	24,691	53
Lynchburg, VA	3,723	3,922	4,127	5.2	18,550	19,314	20,199	188	Santa Rosa, CA*	9,703	10,103	10,779	6.7	23,799	24,663	25,888	39
Macon, GA	5,490	5,740	6,085	6.0	18,129	18,686	19,674	216	Sarasota-Bradenton, FL	13,489	14,375	15,557	8.2	26,406	27,704	29,641	13
Madison, WI	9,206	9,765	10,391	6.4	23,822	25,032	26,449	33	Savannah, GA	5,292	5,612	5,971	6.4	19,473	20,318	21,351	145
Mansfield, OH	3,039	3,201	3,373	5.4	17,343	18,265	19,243	231	Scranton-Wilkes-Barre-Hazleton, PA	11,963	12,316	12,927	5.0	18,695	19,363	20,442	179
McAllen-Edinburg-Mission, TX	4,521	4,893	5,248	7.3	10,170	10,525	10,878	315	Seattle-Bellevue-Everett, WA*	57,079	59,763	63,422	6.1	26,458	27,422	28,773	15
Medford-Ashdand, OR	2,859	3,070	3,272	6.6	18,080	18,913	19,746	213	Sharon, PA	2,042	2,141	2,259	5.5	16,702	17,458	18,498	263
Melbourne-Titusville-Palm Bay, FL	8,564	8,938	9,341	4.5	19,663	20,161	20,747	167	Sheboygan, WI	2,188	2,314	2,456	6.2	20,589	21,262	22,560	113
Memphis, TN-AR-MS	21,862	23,432	25,222	7.6	20,988	22,215	23,640	79	Sherman-Denison, TX	1,677	1,751	1,879	7.3	17,420	17,963	19,090	240
Merced, CA	3,025	3,043	3,017	-9	15,735	15,494	15,653	307	Shreveport-Bossier City, LA	6,963	7,296	7,672	5.2	18,495	19,321	20,228	187
Miami, FL*	39,110	40,344	43,087	6.8	19,699	20,056	21,058	160	Sioux City, IA-NE	2,196	2,336	2,517	7.7	17,849	18,544	19,271	165
Middlesex-Somerset-Hunterdon, NJ*	31,640	33,117	35,087	5.9	29,967	30,997	32,507	7	Sioux Falls, SD	3,208	3,504	3,747	6.9	21,573	23,045	24,320	63
Milwaukee-Waukesha, WI*	33,779	35,519	37,698	6.1	23,263	24,422	25,906	38	South Bend, IN	5,126	5,399	5,741	6.3	20,215	21,150	22,350	117
Minneapolis-St. Paul, MN-WI	66,474	70,555	74,901	6.2	25,026	26,197	27,436	26	Spokane, WA	7,409	7,849	8,271	5.4	18,932	19,788	20,575	173
Mobile, AL	8,495	8,967	9,469	5.6	16,811	17,614	18,429	266	Springfield, IL	4,145	4,381	4,554	3.9	21,311	21,657	22,426	115
Modesto, CA	6,992	7,139	7,449	4.3	17,379	17,537	18,122	278	Springfield, MO	5,243	5,640	6,053	7.3	18,562	19,556	20,616	172
Monmouth-Ocean, NJ*	27,308	28,058	29,635	5.6	26,720	27,089	28,187	18	Springfield, MA (NECMA)	12,124	12,566	13,264	5.6	20,321	21,080	22,342	118
Monroe, LA	2,390	2,528	2,708	7.1	16,395	17,304	18,444	264	State College, PA	2,247	2,333	2,475	6.1	17,403	17,977	18,957	242
Montgomery, AL	5,840	6,178	6,558	6.1	18,996	19,964	21,000	162	Steubenville-Weirton, OH-WV	2,326	2,420	2,521	4.2	16,519	17,278	18,079	279
Muncie, IN	2,180	2,287	2,384	4.2	18,185	19,204	20,044	193	Stoughton-Lodi, CA	9,115	9,385	9,924	5.7	17,826	18,085	18,874	245
Myrtle Beach, SC	2,544	2,771	3,034	9.5	17,143	18,177	19,220	234	Sumter, SC	1,463	1,549	1,645	6.2	13,811	14,557	15,387	308
Naples, FL	5,343	5,601	6,015	7.4	31,084	31,447	32,878	5	Syracuse, NY	14,989	15,544	16,171	4.0	19,745	20,676	21,592	136
Nashville, TN	23,385	25,394	27,453	8.1	22,367	23,716	25,077	50	Tacoma, WA*	12,125	12,706	13,586	6.9	19,231	19,899	20,945	163
Nassau-Suffolk, NY*	77,581	80,864	85,250	5.4	29,733	30,625	32,108	9	Tallahassee, FL	4,504	4,784	5,083	6.3	18,014	18,760	19,753	212
New Haven-Bridgeport-Stamford-Danbury-Waterbury, CT*	52,715	54,255	57,566	6.1	32,372	33,352	35,400	3	Tampa-St. Petersburg-Clearwater, FL	43,934	45,864	49,391	7.7	20,567	21,246	22,646	108
New London-Norwich, CT (NECMA)	5,907	6,264	6,615	5.6	23,761	25,157	26,436	34	Terre Haute, IN	2,574	2,654	2,789	5.1	17,600	17,757	18,640	258
New Orleans, LA	25,439	26,568	28,089	5.7	19,497	20,277	21,374	144	Texarkana, TX-Texarkana, AR	1,975	2,080	2,215	6.5	16,184	16,939	17,998	284
New York, NY*	242,044	251,831	266,669	5.9	28,163	29,227	30,896	11	Toledo, OH	12,583	13,292	14,038	5.6	20,521	21,730	22,971	96
Newark, NJ*	57,117	58,947	62,684	6.3	29,599	30,459	32,346										

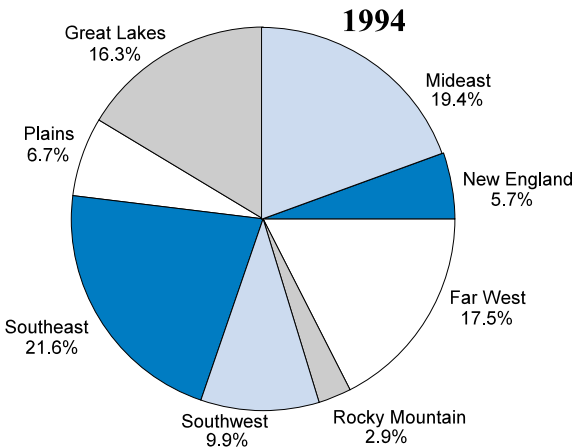
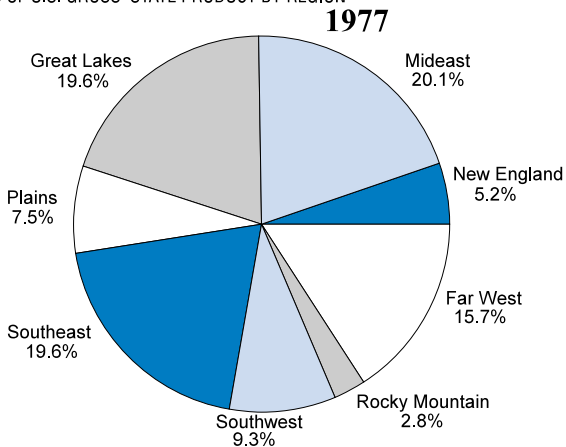
L. Charts

SELECTED REGIONAL ESTIMATES

SHARES OF U.S. PERSONAL INCOME BY REGION



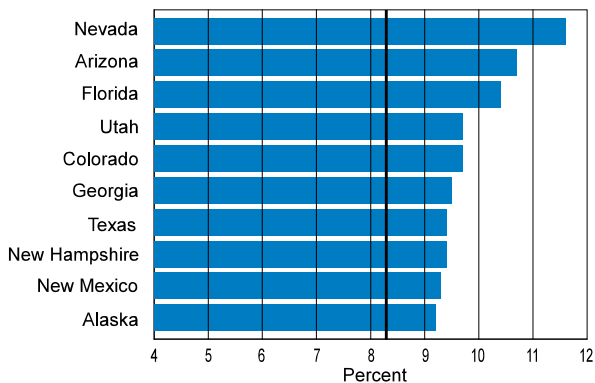
SHARES OF U.S. GROSS STATE PRODUCT BY REGION



AVERAGE ANNUAL GROWTH RATE OF PERSONAL INCOME, 1969-96

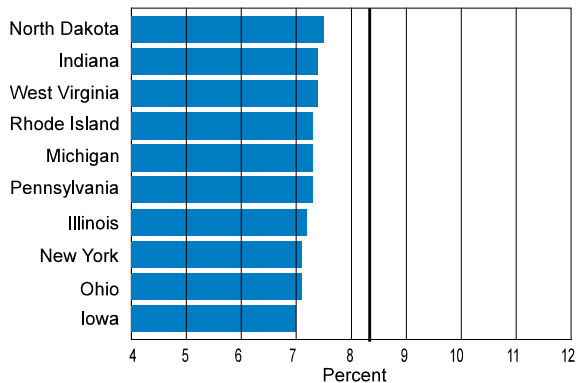
STATES WITH FASTEST GROWTH

U.S. average
8.2 %



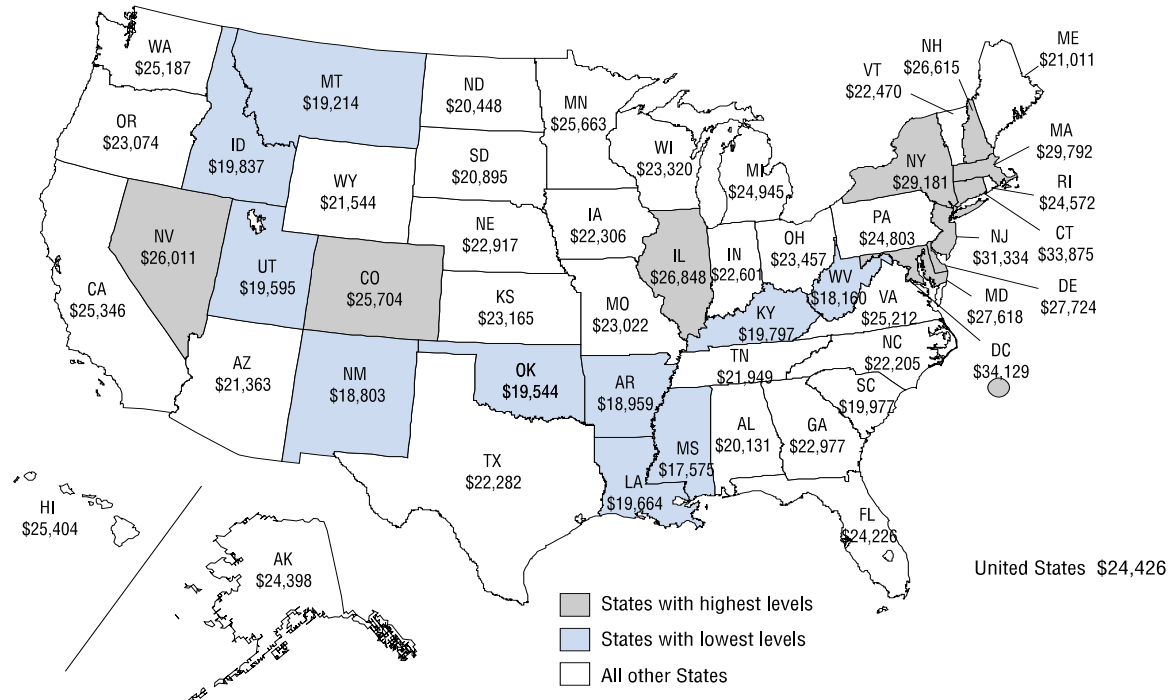
STATES WITH SLOWEST GROWTH

U.S. average
8.2 %

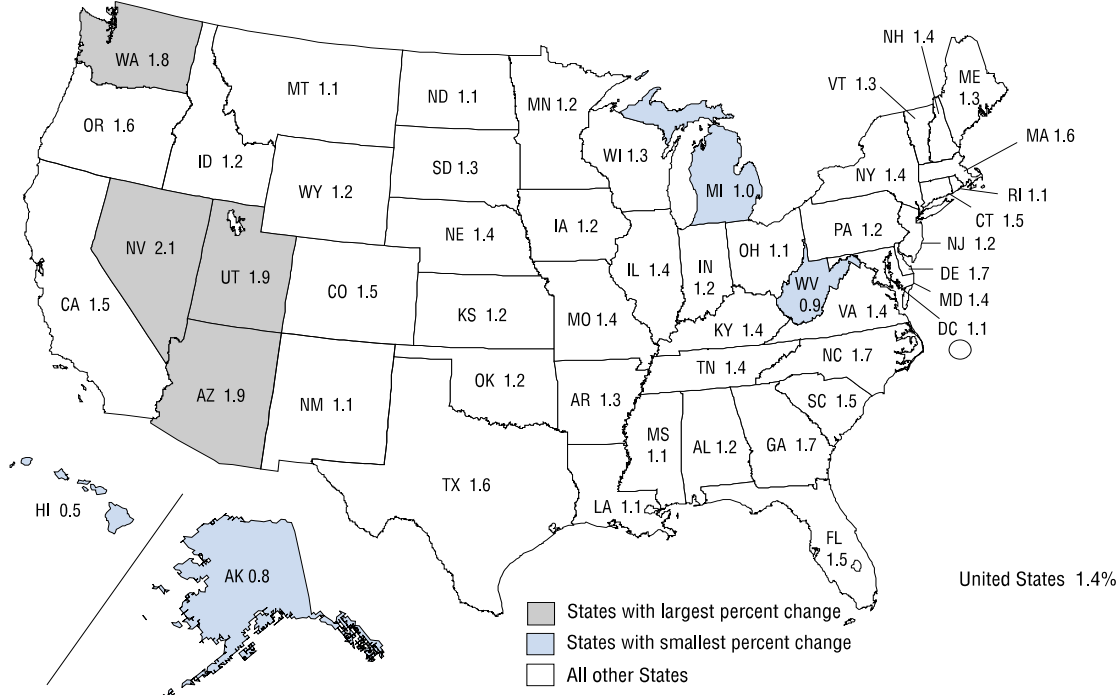


SELECTED REGIONAL ESTIMATES

PER CAPITA PERSONAL INCOME, 1996



PERSONAL INCOME GROWTH: AVERAGE QUARTERLY PERCENT CHANGE, 1996:II-1997:II



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 into 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-requirements 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 between 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.