

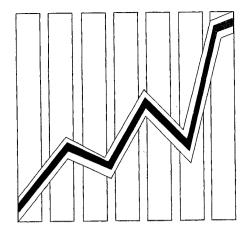
SURVEY of CURRENT BUSINESS



In This Issue . . . Gross Product by Industry, 1947–96

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

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



SURVEY of CURRENT BUSINESS

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THIS ISSUE of the SURVEY went to the printer on November 13, 1997. It incorporates data from the following monthly BEA news releases:

U.S. International Trade in Goods and Services (October 21), Gross Domestic Product (October 31), and Personal Income and Outlays (November 3).

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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 nonmanufacturing.

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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.

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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.

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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.

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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.

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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.

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LOOKING AHEAD

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

BUSINESS SITUATION

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

Real gross domestic product (gdp) increased 3.5 percent in the third quarter of 1997 after increasing 3.3 percent in the second quarter, according to the "advance" estimates of the national income and product accounts (NIPA's) (chart 1 and table 1). 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

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

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

chain-type measures.

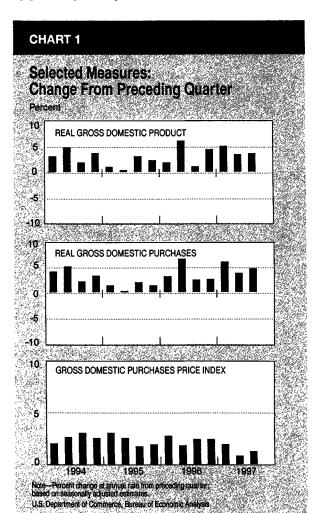
[Seasonally adjusted at annual rates]

	Billions of chained (1992) dollars								Percent change from pre- ceding quarter			
	Level	Char	nge from qua		eding	1996	овану	1997				
	1997	1996		1997								
	HI	I۷	1	li	III	1	'	=				
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 1,135.6	49.7 16.4				25.5 6.8			5.6 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	ļ						
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 Durable goods Nondurable goods Services Private nonresidential fixed investment Structures Producers' durable equipment Private residential investment Government consumption expenditures and gross investment Federal State and local	4,897.1 653.8 1,466.8 2,777.8 873.7 198.2 682.6 280.2 1,273.3 458.8 814.5	7.3 25.4 11.5 6.9 3.8 -3.0	20.7 16.6 25.7 8.1 -1.0 9.9 2.2 -1.3 -6.8	25.9 28.1 -2.4 32.7 4.9 9.6 7.3	24.8 16.8 28.0 36.7 4.7 33.3 2.0 3.2 -1.3	3.3 3.5 2.1 3.9 5.9 15.3 2.6 4.3 .1 5.2 3.3	5.3 14.1 4.7 3.9 4.1 -2.1 6.7 3.3 4 -5.8 2.7	-5.4 -2.1 3.9 14.6 -4.7 23.0 7.4 3.1	10.1			
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.

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

^{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.



^{2.} NIPA table 8.2 shows the contributions of the major components to the quarter-to-quarter percent change in real ${\tt GDP}$.

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

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]

			19	97		
	April	Мау	June	July	August	Septem ber 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.
Producers' durable equipment: Manufacturers' shipments of complete civilian aircraft	31.7	34.7	30.9	42.6	31.2	27.
Value of new residential construction put in place: 1-unit structures 2-or-more-unit structures	162.5 22.7	161.6 23.7	160.6 22.2	161.4 21.8	161.2 22.1	165. 22.
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.
Net exports: 2 Exports of goods: U.S. exports of goods, balance-of-payments basis Excluding nonmonetary gold	685.9 675.0	682.5 674.8	688.5 679.3	680.9 677.6	681.8 678.5	
Imports of goods: U.S. Imports of goods, balance-of-payments basis	872.3 860.2 -186.4 -185.2	878.8 868.1 -196.3 -193.3	871.5 861.4 -183.0 -182.1	883.1 880.1 -202.2 -202.5	890.3 887.7 -208.5 -209.2	
Government consumption expenditures and gross investment: State and local: Structures:				<u>.</u>		
Value of new construction put in place	124.6	121.8	123.2	124.1	122.9	123

^{1.} Assumed.

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

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-marketrate 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 in-The step-up was more creasing 1.0 percent. 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]

	Е	Billions of o	hained (19	992) dollar	s	Perce	nt change qua		eding
	Level	Chan	ge from pr	eceding qu	uarter	1996	900	1997	
	1997	1996		1997		1990		1997	
	III	IV	1	II.	111	IV	1	11	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 2	1.1	7	23.4	-4.5	17.8	-10.4
Autos	16.2	3		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			l	
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-

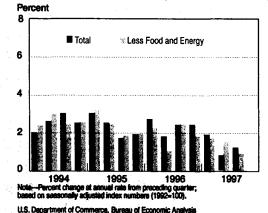
Table 3.—Price Indexes
[Percent change at annual rates; based on seasonally adjusted index numbers (1992=100)]

	1996		1997	
	IV	-	l1	III
Gross domestic product	1.9	2.4	1.8	1.4
Less: Exports of goods and services	-4.3 0	-1.8 -5.3	7 -7.6	-1.8 -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 Food Energy Other personal consumption expenditures	3.0 3.9 9.5 2.4	2.2 1.4 7.7 2.0		1.4 3.4 2.5 1.0
Private nonresidential fixed investment	-1.5 2.5 -3.0	-2.0 2.8 -3.8	3.9	9 4.0 -2.6
Private residential investment	2.6	2.0	3.4	3.4
Government consumption expenditures and gross investment	2.5 2.5 2.8 1.7 2.5	3.5 4.9 4.3 6.1 2.7	1.4 1.3 1.1 1.5 1.5	1.4 .6 .2 1.3
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



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

CHART 3 Selected Personal Income and Saving Measures Billions \$ 140 CHANGE IN PERSONAL INCOME 120 100 80 60 40 20 0 -20 Percent 10 CHANGE IN REAL DPI 5 0 -5 -10 Percent 10 PERSONAL SAVING RATE

Note—Changes are from preceding quarter, based on seaso adjusted annual rates. U.S. Department of Commerce, Bureau of Economic Analysis decreased 2.8 percent after decreasing 7.6 percent; petroleum prices decreased much less than in the second quarter.

Personal income

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

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

Wage and salary disbursements increased \$54.5 billion after increasing \$50.1 billion. Disbursements in all major industries except goodsproducing 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. farm product and farm prices contributed to the

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

Table 4.—Personal Income and Its Disposition [Billions of dollars; seasonally adjusted at annual rates]

	Level	Char	nge fron quai	preced	ling
	1997	1996		1997	
	DH	IV	ı	11	III
Wage and salary disbursements	3,896.1 3,228.7 961.8 706.3	54.1 50.6 10.6 5.5	74.6 65.8 15.1 8.5	50.1 45.9 9.9 6.2	54.5 49.1 9.0 6.0
Distributive industries Service industries Government	879.6 1,387.3 667.4	11.6 28.4 3.4	16.2 34.6 8.9	10.2 25.7 4.2	12.6 27.5 5.4
Other labor income	418.0	.7	3.2	2.8	2.9
Proprietors' income with IVA and CCAdj	547.3 41.2 506.1	4.5 .3 4.2	6.3 2 6.5	9.0 3.4 5.6	3.7 -2.4 6.1
Rental income of persons with CCAdj	147.9 324.5 775.6	1.2 3.2 7.1	2 17.3 7.4	3 5.8 8.9	8 6.2 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 13.5 21.2	1.1 0 0	-1.1 13.5 4.3	0	0 0 0
In personal contributions for social insurance: Social security base changes and increase in premium for supplementary medical insurance	2.1	0	2.1	0	0
In personal tax and nontax payments: Recent tax law changes	-9.2	1	-4.1	0	0

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

Motor Vehicles, Model Year 1997

By Ralph W. Morris

States 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). Motor vehicle sales have been within a range of 15.2 million units to 15.5 million units each year since 1994. Sales

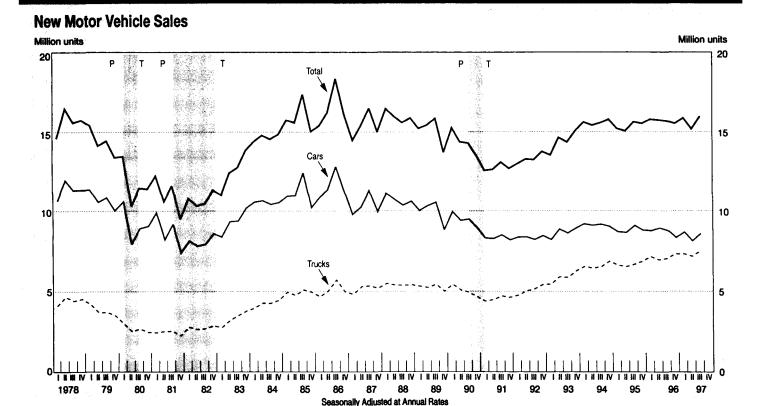
1. The data on unit sales, inventories, and production in this article are mainly from the Ward's Automotive Reports and the American Automobile Manufacturers Association, Inc., and the data on prices are mainly from the Bureau of Economic Analysis (Bea). These data underlie the estimates of auto and 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

CHART 1



Note.— Peak (P) indicates the end of business cycle expansion and the beginning of recession (shaded area). Trough (T) indicates the end of business cycle recession and the beginning of expansion. Business cycle peaks and troughs designated by the National Bureau of Economic Research, Inc.

Data: American Automobile Manufacturers Association, Inc. and Ward's Automotive Reports, seasonally adjusted by BEA.

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

^{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 foreignowned factories. Sales of imported vehicles consists of vehicles manufactured outside North America and sold in the United States.

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 printout or on a diskette by subscription from BEA as follows:

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

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

Table 1.—Selected Motor Vehicle Indicators

			Model	year 1			S	easonally	adjusted a	nnual rate	3
	1992	1993	1994	1995	1996	1997	19	96		1997	
	1992	1993	1994	1990	1990	1997	110	IV	1	11	
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 6,195 5,048	8,428 6,595 5,348	8,936 7,173 5,707	8,736 7,167 5,518	8,654 7,361 5,428	8,259 6,924 4,964	8,634 7,356	8,200 6,914	8,536 7,168	7,994 6,726	8,444 7,024
TransplantsImport	1,146 1,966	1,247 1,833	1,466 1,763	1,649 1,570	1,933 1,293	1,960 1,335	1,278	1,286	1,369	1,268	1,420
New-truck sales Light Domestic Import Other	4,707 4,446 4,026 421 261	5,486 5,167 4,789 378 320	6,244 5,869 5,499 370 375	6,498 6,070 5,666 404 427	6,806 6,389 5,976 413 417	7,121 6,707 6,155 552 414	6,858 6,444 6,027 417 414	7,141 6,748 6,271 478 393	7,142 6,722 6,176 546 420	6,922 6,509 5,941 569 413	7,325 6,893 6,288 605 432
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 2.47	1,376 2.39	1,334 2.23	1,318 2.35	1,354 2.31
	Dollars										
Average expenditure per new car ⁴	16,893 16,281 18,861	17,526 16,595 20,998	18,431 17,406 22,598	18,849 17,695 24,111	19,397 18,064 26,972	20,305 18,580 29,296	19,731 18,239 28,319	20,079 18,435 28,918	20,204 18,441 29,430	20,290 18,537 29,584	20,647 18,908 29,251

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.

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

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

^{2.} End of quarter, not at annual rate.

^{3.} Ratio of end-of-quarter inventories to average monthly sales for the quarter.

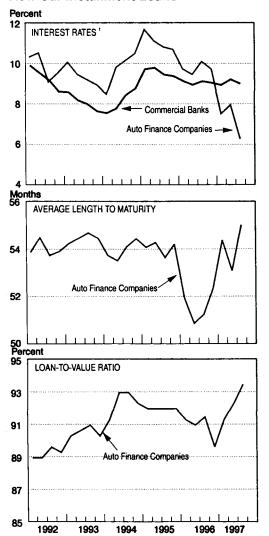
^{4.} BEA estimate, using average base price and adjustments for options, transportation charges, taxes, discounts, and rebates for each model, weighted by that model's share of sales; not at annual rate.

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

CHART 2

Finance Terms on 48-Month New Car Installment Loans



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

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

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).

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.

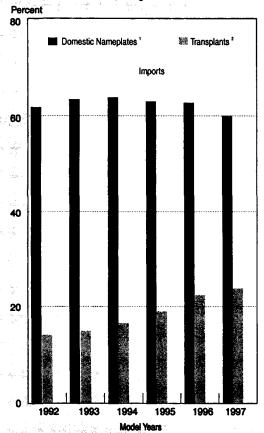
brakes, air conditioning, and power windows. The average expenditure for imported cars increased 8.6 percent to \$29,296; the increase was partly attributable to the shift in composition of imported-car sales: The sales of luxury cars increased, while the sales of other cars decreased.

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 Sales of cars imported from Europe more than accounted for the increase and may partly reflect the strengthening of the U.S. dol-

CHART 3

Share of New Cars by Source



aplates are cars menufactured in North America at ctories owned by domestic companies. Transplants are care menufactured in North America at factories Motor Vehicle Menulacturers Association of the United Start's Automotive Reports, seasonally adjusted by BEA.

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

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.

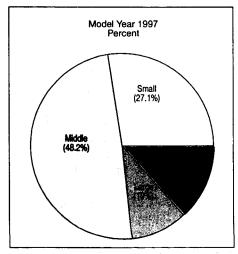
Sales of all size-classes of cars except luxury cars decreased in 1997. Sales of small cars decreased to 2.2 million units, and their market share decreased to 27.1 percent from 27.4 per-Sales of middle-sized cars decreased to 4.0 million, and their market share decreased to 48.2 percent from 49.3 percent. 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 4

Share of New Car Sales by Size Class

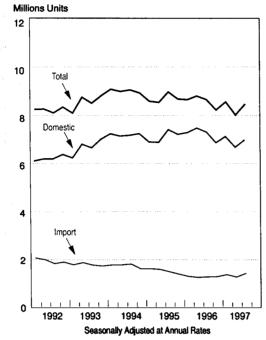


Note—Based on data for October 1, 1996 through September 30, 1997. Data: Ward's Automotive Reports

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

CHART 5

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

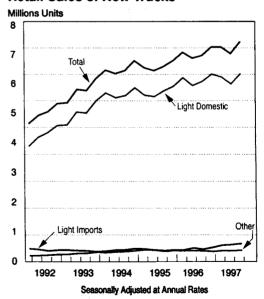
pickups and vans also contributed. Sales of conventional pickups decreased.

Most light-truck purchases are for personal use; consequently, many of the same factors that affect car sales also affect truck sales. Nevertheless, cars sales decreased and truck sales increased in 1997, as truck purchases continue to be substituted for car purchases. This shift partly reflected the proliferation of redesigned, multipurpose trucks that have blurred the distinction between cars and trucks in terms of function and comfort. Moreover, many consumers prefer the additional recreation and utility features, such as load-carrying and towing capacity and fourwheel 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. menufacturers. Data: American Automobile Manufacturers Association, Inc. and Ward's Automotive Reports, seasonally adjusted by BEA.

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

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

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

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

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

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

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

By Thae S. Park

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

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

personal income also includes other types of income, such as employer contributions to employee pension plans, the investment income of these plans, and imputed income related to home ownership and imputed financial service charges.

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

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

The BEA-Derived AGI

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

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

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

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

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

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

Table 1.—Comparison of Personal Income with AGI, by Type of Income, 1992 [Billions of dollars]

Line Personal income Personal Personal income Personal i	Income not in-
Personal Income	cluded
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 1,039.6	in per- sonal in- come
Transfer payments except taxable military retirement, taxable government pensions, taxable social security benefits, and unemployment compensation benefits Sales Sales	0
Government pensions, taxable social security benefits, and unemployment compensation benefits Government pensions, taxable social security benefits Government compensation Government compen	35.5
Color Tabor Tabab Tabor Tabab Tabor Tabab Tabor Tabab Tabor Tabab Tabor Tabab Tabor Tabab Tabab Tabab Tabab Tabab Tabab Tabab Tabor Tabab Taba	٥
Investment income of life insurance carriers and private noninsured pension plans 200.2 0 0 0 0 0 0 0 0 0	0
Investment income received by nonprofit institutions or retained by fiduciaries 50.7 0 0 3 6.0 14.5 29.6 0 0 0 3.3 6.0 14.5 29.6 0 0 0 0 3.3 0 0 0 0 0 0 0 0 0	0
Differences in accounting treatment between NIPA's and tax regulations, net	0
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 0 0 0 0 0	n
Income	635.5
Net gain from sale of assets 109.1 0 0 0 0 0 0 0 0 0	166.2
13	0
15 Other types of income 19.2 6.2 0 1.3 2.4 0 0 0 0 0 0 0 0 0	109.1 0
17 Fees in other labor income	47.9 9.3
18 Fiduciaries' share of partnership income s 0 0 0 -3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td>6.5</td>	6.5
19	0
21 Taxable disability income payments	0
22 Capital gains dividends	0 6.5
23 Equals: BEA-derived adjusted gross income	137.3
24 Adjusted gross income of IRS (as reported)	137.3
25 Plus: Intercomponent reallocation	0
26 Estate or trust income	0
28 Other reallocations	Ŏ
29 Adjusted gross income of IRS (reallocated)	137.3
30 Adjusted gross income gap	0
31 Percent distribution of AGI gap	
33 Addendum: Misreporting adjustments included in personal income 232.6 67.7 171.9 .97.9	

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 real-locate 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

Table 2.—Comparison of Personal Income with AGI, by Type of Income, 1993
[Billions of dollars]

			[Dillions of	-									
Line		Per- sonal in-	Wage and sal- ary dis-		tors' in- vith IVA CCAdj	Rental income of per-	Per- sonal	Per- sonal in-	Taxable pen-	Taxable unem- ploy- ment	Taxable social security	Other personal	Income not in- cluded
		come	burse- ments	Farm	Nonfarm	sons with CCAdj	dividend income	terest income	and an- nuities 1	com- pensa- tion	bene- fits ²	income 3	in per- sonal in- come
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	l ŏ l	ŏ	Ŏ	Ŏ	lŏ	ŏ	ŏ	ŏ	ŏ	380.1	Ŏ
5	Imputed income in personal income 4	209.1	9.4	.6	5.2	49.6	Ŏ	144.2	Ò	0	Ō	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	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	€ 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	Q	0	0	147.6	0	0	0	0
14	Small business corporation income	51.9	0 0	0	0 .	0	Į o	0	0	O I	0	Ō	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		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	2.3	0
19 20	Interest received by nonfarm proprietors	lä	0	0	0	0	56.3	-56.3	0		0	0	"
21	Interest distributed by regulated investment companies	١ ٥	5.4	ŏ	Ιŏ	lő	0.3	0.3	-5.4	ŏ	ŏ	ŏ	lŏ
22	Capital gains dividends	ŏ	0.7	ŏ	Ŏ	ŏ	-15.3	ŏ	Ö.	ŏ	ŏ	ŏ	15.3
23	Equals: BEA-derived adjusted gross income	1	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)	1	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	1	0	.9	41.2	3.5	0	0	0	0	0	-45.6	0
26	Estate or trust income	0) o	0,	1.0	3.5	0	0	Ŏ	0	0	-4.6	0 0
27 28	Partnership incomeOther reallocations	١ ١	0	.9 0	40.2 0	0	1 8	0	0	6	Ö	-41.0 0	lγ
29	Adjusted gross income of IRS (reallocated)	1	2,892.1	-2.8	196.9	16.9	79.7	131.1	194.0	27.6	24.7	Ů	163.1
30	Adjusted gross income gap	i '	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		26.5	7.5		4.0	12.6		9.9	1.3	1.1		1
32	Relative AGI gap 9	13.0	4.8	107.2			46.6		22.0	20.8	19.9		
33	Addendum: Misreporting adjustments included in personal income	249.3	70.5		185.0	1.0		-7.9					<u> </u>

See the footnotes at the end of table 4.

^{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.

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			Wage and sal- ary dis-		tors' in- vith IVA CCAdj	Rental income of per-	Per- sonal	Per- sonal in-	Taxable pen-	Taxable unem- ploy- ment	Taxable social security	Other personal	Income not in- cluded
		sonal in- come	burse- ments	Farm	Nonfarm	sons with CCAdj	dividend income	terest income	and an- nuities 1	com- pensa- tion	bene- fits ²	income 3	in per- sonal in- come
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 5	Other labor income except fees	399.9 230.2	0 9.8	0 .4	0 5.4	63.0	0	0 151.5	0	0	0	399.9 0	0
ĕ	Investment income of life insurance carriers and private									Ů		,	١
7	noninsured pension plans 5	206.6	0	0	0	0	0	206.6	0	0	0	0	U
8	by fiduciaries	49.5	0	0	.3	4.6	14.9	29.3	0	0	0	.4	-0
9	regulations, net	62.0	0	9.9	-2.4	14.8	12.8	26.8	0	0	0	0	0
	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 12	Personal contributions for social insurance	277.5 129.8	0	0	0	0	0	0	0	0	0	277.5 0	0 129.8
13	Net gain from sale of assets	150.5	Ŏ	Ō	Ŏ	Ŏ.	Ŏ	Ó	150.5	Ó	Ó	Ŏ	0
14 15	Small business corporation income	71.7 26.3	0 8.6	0	0 1.8	0 2.8	0	0	0	0	0	0	71.7 13.1
16	Plus: Intercomponent real-location	0	11.2	0	4	0	65.3	-74.6	-6.1	0	0	-4.7	9.3
17 18	Fees in other labor income	0	5.1 0	0	0 4	0	0	0	0	0	0	-5.1 .4	0
19	Fiduciaries' share of partnership income ⁸ Interest received by nonfarm proprietors	Ŏ	Ó	Ó	0	Ó	Ō	Ŏ	Ō	0	0	0	Ŏ
20 21	Interest distributed by regulated investment companies	0	0 6.1	0	0	0	74.6 0	-74.6 0	0 -6.1	0	0	0	0
22	Capital gains dividends	0	0	0	0	0	-9.3	0	0	0	0	Ó	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	Ŏ
27 28	Partnership incomeOther reallocations	0	0	0.4	42.2 0	0	0	0	0	0	0	-42.6 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 32	Percent distribution of AGI gapRelative AGI gap 9	100.0 13.4	26.2 5.0	5.5 126.1	36.8 51.5	4.1 55.1	15.4 53.1	1.3 5.9	8.7 20.3	.6 15.8	1.3 17.2		************
33	${\bf Addendum:\ Misreporting\ adjustments\ included\ in\ personal\ income\}$	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

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

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

Table 4.—Comparison of Personal Income with AGI, by Type of Income, 1995 [Billions of dollars]

Line		Per-	Wage and sal- ary dis-	Propried come wand C	ith IVA	Rental income of per-	Per- sonal	Per- sonal in-	Taxable pen-	Taxable unem- ploy- ment	Taxable social security	Other personal	Income not in- cluded
		come	burse- ments	Farm	Nonfarm	sons with CCAdj	dividend income	terest income	and an- nuities 1	com- pensa- tion	bene- fits 2	income 3	in per- sonal in- come
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 5	Other labor income except fees	401.6 240.2	0 10.3	0 .4	0 5.5	0 64.1	0	0 159.8	0	0	0	401.6	0
ő	Investment income of life insurance carriers and private noninsured pension plans 5	227.6	0	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	ا م
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	Ŏ.	Ŏ	Ŏ	, o	o o	0	0	0	293.1	0
12 13	Net gain from sale of assets	139.0 159.6	0	0	0	0	0	0	0 159.6	0	0 1	0	139.0 0
14 15	Small business corporation income Other types of income	79.2 29.6	0 9.1	0	0 1.9	0 2.9	0	0	00	0	0	0	79.2 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 18	Fees in other labor income	0	5.3 0	0	0 -4	0	0	0	0	0	0	-5.3 .4	0
19	Interest received by nonfarm proprietors	Ŏ	Ŏ	lŏ	0	Ŏ	Ŏ	Ò	Ŏ	Ŏ	Ŏ	0	Ŏ
20 21 22	Interest distributed by regulated investment companies	0	0 6.5	0	0	0	79.9 0	-79.9 0	0 -6.5	0	0	0	0
22	Capital gains dividends	ŏ	0.0	ŏ	ŏ	ŏ	-28.5	Ŏ	0.0	ŏ	ŏ	ŏ	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	l o	0 _	1.5	4.6	0	0	Ŏ	0	0	-6.1	0
27 28	Partnership income Other reallocations	0	0	0.5	46.1 0	0	0	0	0	0	0	-46.6 0	8
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 32	Percent distribution of AGI gapRelative AGI gap 9	100.0 13.1	26.6 5.0	5.9 124.7	38.9 53.1	4.6 57.1		-2.0 -8.8	8.9 20.2	.4 11.7	1.4 16.2		
33	Addendum: Misreporting adjustments included in personal income	283.7	79.3		212.7	1.0		-9.3					

^{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.

^{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).

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.
 Taxable social security benefits also include a small amount of taxable railroad retirement benefits.
 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-patch 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).

CCAdj Capital consumption adjustment IVA Inventory valuation adjustment IRS Internal Revenue Service NIPA National income and product accounts

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

Overall, BEA believes that the explicit and implicit adjustments for misreporting account for a major part of the AGI gap. Thus, the AGI gap can be considered a rough indicator of noncompliance with the Federal tax code, and the relative AGI gap—the AGI gap as a percentage of the BEAderived 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

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

				Managand	Proprietor	s' income	Dontol in	Personal div	idend and pers	onal interest	Taxable	Taxable un-	Tauable as
Year	BEA-derived AGI	IRS AGI	AGI gap	Wage and salary dis- bursements	Farm	Nonfarm	Rental in- come of per- sons	Total	Personal dividend in- come	Personal in- terest in- come	pensions and annu- ities	employment compensa- tion	Taxable so- cial security benefits
1947	171.0 184.3 182.1 203.3 230.0 242.4 257.0 258.2 279.9 300.9	149.7 163.5 160.6 179.1 202.3 215.3 228.7 229.2 248.5 267.7	21.3 20.8 21.6 24.1 27.7 27.1 28.3 29.0 31.4 33.1	3.9 5.2 6.1 5.4 6.6 6.0 6.5 7.1 9.0	10.5 8.5 7.8 7.9 8.8 7.6 6.2 6.7 6.3 6.3	1.2 1.3 2.1 3.8 4.8 5.6 7.0 7.0 8.2 7.3	1.6 1.9 2.2 2.3 2.3 3.0 3.0	334 3.7 4.9 5.7 5.8 6.1	1.3 1.3 1.9 1.7 1.8 2.0 .8 .9	2.0 2.1 2.4 2.9 3.2 3.7 4.2 4.8 5.4	33 22 33 55 5.6 7 9	000000000000000000000000000000000000000	000000000
1957	314.3 317.4 341.9 354.1 368.4 390.3 411.7 445.0 482.8 524.6	280.3 281.2 305.1 315.5 329.9 348.7 368.8 396.7 429.2 468.5	34.0 36.2 36.8 38.6 38.5 41.6 42.9 48.4 53.6 56.1	7.4 9.2 7.8 8.9 7.6 9.3 8.4 10.3 11.8	5.6 5.1 7.2 6.4 5.7 6.9 6.3 6.9 7.2	9.3 9.2 9.7 10.1 11.8 12.6 14.1 14.4 15.9	4.0 2.3 2.3 2.5 2.4 2.8 3.0 3.3	6.8 7.4 8.1 9.0 9.1 9.7 9.8 11.9 14.0	.7 .9 1.3 1.4 1.5 1.6 2.4 2.9	6.2 6.7 7.2 7.6 7.7 8.2 8.2 9.5 11.1	1.2 1.3 1.7 1.9 2.1 2.2 2.4 2.8 3.2 3.5	000000000000000000000000000000000000000	000000000
1967	558.9 612.2 667.4 703.7 749.5 829.9 931.8 1,009.3 1,051.8	504.8 554.4 603.5 631.7 673.6 746.0 827.1 905.5 947.8 1,053.9	54.1 57.8 63.9 72.0 75.9 104.6 103.8 104.0 118.5	11.2 13.7 12.6 13.3 13.5 11.1 16.8 9.1 13.9	5.5 5.3 8.1 9.8 8.7 11.8 18.8 13.3 11.8	16.5 16.9 18.7 20.4 23.6 28.7 32.2 38.1 42.1 53.5	3.2 3.6 4.0 4.0 4.2 4.1 3.2 2.8	13.0 14.4 15.9 18.4 18.9 24.1 25.4 21.1	1.0 1.4 1.3 1.7 2.1 2.7 4.1 2.9 1.3	12.0 13.0 14.6 16.7 16.9 17.2 20.1 22.4 19.8 21.3	4.0 4.3 5.0 6.1 7.1 8.2 8.6 9.5 10.7 11.9	0 0 0 0 0 0 0 0 0	000000000
1977	1,300.6 1,473.1 1,662.0 1,832.1 2,021.8 2,099.4 2,234.8 2,488.5 2,651.7 2,878.9	1,158.5 1,302.4 1,465.4 1,613.7 1,772.6 1,852.1 1,942.6 2,139.9 2,306.0 2,481.7	142.1 170.7 196.6 218.4 249.2 247.3 292.2 348.6 345.8 397.3	19.7 25.0 20.0 20.8 21.4 16.4 29.5 44.5 59.3	10.2 14.1 17.3 19.2 23.4 18.3 27.7 31.7 28.4 31.9	61.2 73.4 84.5 89.1 90.5 95.2 109.7 141.7 147.5 147.3	4.6 6.3 9.6 17.0 21.9 24.2 28.7 29.4	34.4 38.8 49.5 55.5 67.1 60.0 64.1 45.5 64.2	6.4 7.6 9.8 14.2 25.5 23.0 26.3 32.8 26.6 24.5	28.0 31.2 39.7 41.3 41.7 37.1 37.8 33.3 18.9 39.7	12.2 14.9 18.5 23.4 28.8 33.5 45.0 46.0 63.4	0 0 .4 .8 .9 2.0 2.6 1.3 1.4	0 0 0 0 0 0 4.6 3.2 3.1
1987	3,156.5 3,430.7 3,666.4 3,821.3 3,873.8 4,116.7 4,277.5 4,513.1 4,819.7	2,773.8 3,083.0 3,256.4 3,405.4 3,464.5 3,629.1 3,723.3 3,907.5 4,189.4	382.7 347.6 410.0 415.9 409.2 487.6 554.1 605.6 630.4	80.6 84.1 112.6 119.0 106.2 133.3 146.6 158.8	36.1 38.5 35.2 31.7 32.4 34.8 41.5 33.5	121.5 122.8 127.2 134.2 138.9 164.6 200.0 223.1 245.1	17.1 14.3 15.7 18.8 20.7 22.3	64.0 40.4 63.0 57.8 58.6 67.1 75.6 101.3 84.2	34.8 32.3 55.0 56.1 65.4 60.8 69.7 93.4 96.6	29.1 8.2 7.9 1.7 -6.7 6.3 5.9 7.9 -12.5	52.6 40.0 52.2 51.6 47.2 54.2 54.6 52.5 55.8	2.6 2.0 2.5 2.9 3.9 8.3 7.3 3.8	2.8 2.8 3.0 3.0 3.2 4.5 6.1 8.0 8.8

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

^{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.

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

The trend in the relative AGI gap for total income roughly reflects the trend in the relative AGI gap for wage and salary disbursements, largely because trends in the relative AGI gaps for nonwage incomes offset each other. The relative AGI gap for wage and salary disbursements is the smallest among the types of income, primarily because income tax withholding at the source is

required for wage and salary disbursements. The relative AGI gap for wage and salary disbursements declined from about 3 percent in 1947 to about 1 percent in 1982 and then increased to about 5 percent in 1995.

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

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

			Proprietor	s' income		Personal div	vidend and inte	erest income				Adde	enda
Year	Total	Wage and salary dis- bursements	Farm	Nonfarm	Rental in- come of per- sons	Total	Personal dividend in- come	Personal in- terest in- come	Taxable pensions and annu- ities	Taxable un- employment compensa- tion	Taxable so- cial security benefits	Incomes, ex- cept wages and salaries, subject to fil- ing require- ments ¹	Incomes not subject to fil- ing require- ments ²
1947	12.5 11.3 11.8 11.9 12.0 11.2 11.0 11.2 11.0	3.3 3.9 4.7 3.7 3.9 3.3 3.5 3.4 4.0	74.0 68.1 69.8 68.6 68.9 66.0 60.9 64.7 62.3 60.4	5.6 5.9 10.1 15.5 18.1 20.5 24.5 24.0 25.4	44.7 41.0 31.2 33.0 35.8 36.0 35.1 46.3 48.9 47.9	37.9 35.1 35.0 38.1 38.5 39.6 42.1 34.6 35.6 34.8	23.2 20.7 19.4 23.1 21.8 23.7 25.7 9.7 10.7 8.0	64.1 61.9 61.0 64.6 65.1 63.6 64.4 64.0 65.2 65.2	56.1 49.8 35.1 44.2 47.4 47.0 48.5 45.8 50.2 54.4	0000000000	0 0 0 0 0 0	38.9 36.0 35.0 38.4 39.1 40.2 42.6 35.6 37.0 36.9	34.3 29.8 30.8 32.6 34.7 34.4 34.2 36.3 36.2 33.2
1957	10.8 11.4 10.8 10.9 10.5 10.7 10.4 10.9 11.1	3.1 3.9 3.4 2.8 3.2 2.7 3.1 3.3 3.5	59.2 53.9 69.2 66.4 59.1 61.5 67.8 66.4 63.4	26.2 26.3 25.7 27.1 29.0 28.4 29.4 30.3 29.2 30.1	51.3 53.4 39.7 38.9 41.6 39.2 43.3 45.2 48.1 47.5	35.4 37.3 37.0 38.0 37.0 35.1 35.1 36.5 31.7	6.7 7.6 9.0 12.3 12.4 12.4 16.8 18.1 6.6	65.0 64.6 62.0 60.1 57.6 53.4 47.0 48.5 49.6	51.3 50.3 53.3 54.1 53.5 48.5 47.4 47.2 47.0 44.0	000000000	0 0 0 0 0 0 0 0 0	37.1 38.9 39.1 40.1 39.3 37.2 34.3 36.9 38.1 33.7	35.7 35.2 35.6 35.6 35.7 37.4 37.3 36.7 36.8
1967 1968	9.7 9.4	2.6 2.9	58.5 58.4	29.8 28.5	51.6 45.2	30.9 31.0	6.3 8.5	44.7 43.6	44.2 41.8	0	0	33.2 32.9	35.8 33.7
1969 1970 1971 1972 1973 1974 1975	9.6 10.2 10.1 10.1 11.2 10.3 9.9	2.5 2.4 2.3 1.8 2.4 1.2 1.7 1.5	65.7 74.0 76.4 70.8 68.3 74.7 73.8 72.3	30.5 32.9 35.3 38.5 39.7 43.2 45.5 48.5	48.7 51.5 50.1 47.6 41.5 32.8 30.9 25.6	30.9 32.7 31.9 31.0 32.2 29.6 24.4 25.7	7.5 9.7 11.7 13.7 17.9 12.3 5.6 14.0	36.2 31.4	42.1 43.5 43.2 42.7 39.5 36.1 33.9 32.6	0 0 0 0 0	0 0 0 0 0	33.1 34.9 34.4 33.7 33.8 31.1 27.0 27.6	37.5 41.1 42.1 44.7 46.5 48.8 48.6 49.8
1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987	10.9 11.6 11.8 11.9 12.3 11.8 13.1 14.0 13.0 13.8	2.0 2.2 1.6 1.5 1.4 1.0 1.5 1.6 2.3 2.8 3.6	90.0 74.8 85.5 106.9 148.4 215.8 150.9 182.4 180.3 132.0 101.8	49.1 51.6 54.7 57.4 62.6 64.7 64.5 68.2 66.4 51.9		29.7 29.8 31.5 28.3 27.4 22.3 24.1 22.7 16.1 21.9 21.3	19.2 20.1 22.6 26.8 35.5 30.6 35.1 40.3 32.6 28.4 34.3	28.8 24.0 19.1 19.7 15.9	29.5 31.3 33.1 35.0 35.7 35.8 36.0 35.9 32.6 37.0 29.7	0 0 30.7 26.9 27.3 21.8 27.1 17.6 15.0 17.2	0 0 0 0 0 0 0 36.7 25.0 22.6	29.6 30.2 31.9 30.0 29.4 25.7 27.5 26.8 21.6 27.1 24.0	51.5 53.2 57.6 62.3 71.5 74.8 75.8 80.7 76.4 76.5 62.6
1988	10.1 11.2 10.9 10.6 11.8 13.0 13.4	3.5 4.4 4.4 3.8 4.5 4.8 5.0 5.0	100.9 96.7 96.6 104.8 103.4 107.2 126.1 124.7	45.2 44.3 43.9 44.6 46.0 50.4 51.5 53.1	69.7 61.7 56.9	13.3 17.3 15.8 17.0 21.8 26.4 32.7 25.2	29.4 40.4 41.2 45.8 43.8 46.6 53.1 50.5	.7 -3.3 3.8 4.3 5.9	22.4 26.2 24.5 21.1 22.5 22.0 20.3 20.2	14.4 17.2 16.0 14.3 20.9 20.8 15.8 11.7	13.1 16.2 19.9	16.6 20.2 18.7 18.2 21.8 23.9 25.9 22.0	54.2 51.7 50.3 51.4 51.8 55.6 55.8 57.4

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.
 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

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		
4	benefits Other labor income except fees	1.9 4.1	-2.1 2.7
5 6	Imputed income in personal income	4.5	17.4
_	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		
9	between NIPA's and tax regulations, net Other personal income exempt or	11.4	-11.4
	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 12 13 14 15	Personal contributions for social insurance Net gain from sale of assets	.7 .2 -6.0 1.1 1	6 14.6 -12.8 8.9 -12.1
23	Equais: 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

Line numbers in this table correspond to those in table 1.

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.

^{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.

AGI Adjusted gross income BEA Bureau of Economic Analysis IRS Internal Revenue Service NIPA's National income and product accounts

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. 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-

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. 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

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 gpp by the real statistical discrepancy, which is shown as part of privateindustry 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 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.

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.

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

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 currentdollar GDP accounted for by the gross product of an industry over time indicates whether that

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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-

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 Durable goods Nondurable goods	3.5 6.1 .4	8.4 10.4 6.0	6.7 8.9 4.1	3.9 7.4 4	5.6 8.2 2.5
Transportation and public utilities Transportation Communications Electric, gas, and sanitary services	4.4 4.3 6.6 2.5	5.8 6.6 3.0 7.9	1.7 .8 .8 3.4	2.5 2.2 1.8 3.7	3.6 3.4 3.0 4.3
Wholesale trade	2.5	7.7	2.0	7.8	5.0
Retail trade	4.0	6.2	3.5	4.2	4.5
Finance, insurance, and real estate	2.3	1.9	2.9	2.2	2.3
Services	1.9	2.7	3.4	3.4	2.8
Government	.3	.3	1	4	.0

^{3.} For a description of these improvements, see Yuskavage, "Improved Estimates," 133-155.

^{4.} The 1992 benchmark 1-0 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 1-0 accounts is presented in "Note on Alternative Measures of Gross Product by Industry" in this issue.

^{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.

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 2.7percent 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-

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.

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	Aver- age, 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 .6 .0	1.4 1.0 .5	1.2 .9 .3	.7 .7 .0	1.0 .8 .2
Transportation and public utilities Transportation Communications Electric, gas, and sanitary	.4 .1 .2	.5 .2 .1	.1 .0 .0	.2 .1 .0	.3 .1 .1
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	ە.	.0	.0	1	.0
Not allocated by industry ³	.0	4	4	.2	2

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

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.

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

		Billi	ons of doll	ars				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	1,063.6 573.4 490.3	1,116.5 615.7 500.8	1,216.1 679.2 536.9	1,286.3 716.8 569.5	1,332.1 749.0 583.1	17.0 9.2 7.9	17.0 9.4 7.6	17.5 9.8 7.7	17.7 9.9 7.8	17.4 9.8 7.6
Transportation and public utilities	528.7 192.8 161.1 174.7	561.7 203.3 175.6 182.8	598.7 219.9 184.6 194.2	622.4 228.7 191.6 202.0	645.3 235.1 200.3 210.0	8.5 3.1 2.6 2.8	8.6 3.1 2.7 2.8	8.6 3.2 2.7 2.8	8.6 3.1 2.6 2.8	8.5 3.1 2.6 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 Private services-producing industries 3	1,497.9 3,828.1	1,559.6 4,043.2	1,698.9 4,300.0	1,783.5 4,546.0	1,881.6 4,818.0	24.0 61.3	23.8 61.7	24.5 61.9	24.5 62.6	24.6 63.1

Equals GDP measured as the sum of expenditures less gross domestic income.
 Consists of agriculture, forestry, and fishing; mining; construction; and manufacturing.

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

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

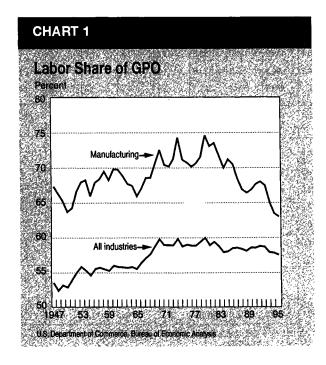
^{8.} The statistical discrepancy as a share of current-dollar GDP fell from 0.7 percent to -0.8 percent.

^{3.} Consists of transportation and public utilities; wholesale trade; retail trade; finance, insurance,

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

^{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 shecause 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. Tor 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

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

[Percent]

<u> </u>	1992	1993	1994	1995	1996
Gross domestic product Compensation of employees Indirect business tax and nontax liability Property-type income Statistical discrepancy ¹	100.0	100.0	100.0	100.0	100.0
	58.4	58.2	57.8	58.1	58.0
	8.1	8.1	8.2	8.0	7.9
	32.8	32.9	33.8	34.3	34.9
	.7	.8	.2	4	8
Private industries Compensation of employees	100.0 53.9	100.0 53.8	100.0 53.4	100.0 53.8	100.0 53.8
liability Property-type income Statistical discrepancy ¹	9.4	9.4	9.5	9.2	9.1
	35.9	35.9	36.9	37.4	38.0
	.8	.9	.2	4	9
Manufacturing Compensation of employees Indirect business tax and nontax	100.0	100.0	100.0	100.0	100.0
	68.0	67.5	65.1	63.5	63.0
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
	76.6	74.6	71.7	70.5	69.7
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
	58.0	58.7	56.8	54.7	54.5
liability	6.0	6.1	5.8	5.5	5.5
Property-type income	36.0	35.2	37.4	39.8	40.0
Nonmanufacturing 2	100.0	100.0	100.0	100.0	100.0
	50.9	51.0	50.6	51.1	50.9
liability	10.8	10.8	10.9	10.6	10.3
	38.3	38.2	38.5	38.3	38.8
Government	100.0	100.0	100.0	100.0	100.0
	86.1	85.9	85.8	85.6	85.8
liability	.0 13.9	.0 14.1	.0 14.2		.0 14.2

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

^{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.

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

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 (1-0) 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

		Cur	rent-dollar	gross prod	duct		<u> </u>		Real gros	s product		
			Billions o	f dollars				Percent	change fro	m previou	s period	
		1993			1994			1993		1994		
	Pre- viously pub- lished	Revised	Revision	Pre- viously pub- lished	Revised	Revision	Pre- viously pub- lished	Revised	Revision	Pre- viously pub- lished	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 Durable goods Nondurable goods	1,116.5 612.3 504.3	1,116.5 615.7 500.8	.0 3.4 -3.5	1,197.1 673.1 524.0	1,216.1 679.2 536.9	19.0 6.1 12.9	3.0 4.8 .8	3.5 6.1 .4	.5 1.2 3	6.6 9.4 3.3	8.4 10.4 6.0	1.8 .9 2.7
Transportation and public utilities Transportation Communications Electric, gas, and sanitary services	566.2 207.6 173.4 185.2	561.7 203.3 175.6 182.8	-4.5 -4.3 2.2 -2.4	606.4 222.8 188.3 195.3	598.7 219.9 184.6 194.2	-7.7 -2.9 -3.7 -1.1	5.1 6.4 5.7 3.2	4.4 4.3 6.6 2.5	7 -2.1 1.0 7	5.3 5.1 7.1 4.1	5.8 6.6 3.0 7.9	.5 1.5 -4.1 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 1-0 accounts were used to set the level of gross output for the double-deflated industries.¹³ Revised gross

output levels are now used as weights in developing industry indicator series for extrapolating the previously published estimates of gross output. In general, these revisions did not significantly affect the levels of gross output.

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

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

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

Historical GPO Revisions

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

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

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

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

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

1996.

Gross Output and Intermediate Inputs by Industry

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

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

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

Tables 6 through 14 follow.

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

		Billions	of current	dollars			Chain-type	quantity i	indexes (1	992=100)	
	1992	1993	1994	1995	1996	1992	1993	1994	1995	1996	Average annual rate of change, 1992-96
Total: Gross output	2,961.2 1,897.6 1,063.6	3,096.6 1,980.1 1,116.5	3,313.3 2,097.2 1,216.1		3,699.8 2,367.7 1,332.1	100.00 100.00 100.00	103.52 103.53 103.50	109.40 107.84 112.18	114.57 111.69 119.75	119.69 117.03 124.45	4.6 4.0 5.6
Durable goods: Gross output	1,510.3 937.0 573.4	1,613.6 997.9 615.7	1,770.3 1,091.1 679.2	1,899.2 1,182.4 716.8	1,991.6 1,242.5 749.0	100.00 100.00 100.00	105.66 105.38 106.10	114.44 112.84 117.08	122.63 119.69 127.53	131.79 128.67 136.99	7.1 6.5 8.2
Nondurable goods: Gross output	1,450.9 960.6 490.3	1,483.0 982.2 500.8	1,543.0 1,006.1 536.9	1,650.8 1,081.3 569.5	1,708.3 1,125.2 583.1	100.00 100.00 100.00	101.30 101.72 100.46	104.14 102.94 106.47	106.21 103.87 110.79	107.36 105.79 110.36	1.8 1.4 2.5

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

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

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

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

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

Line			Billions	of current	dollars		Percent						
	•	1992	1993	1994	1995	1996	1992	1993	1994	1995	1996		
	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	3,645.0 505.6	3,817.0 532.5	4,014.5 568.5	4,218.0 582.8	4,429.5 604.8	58.4 8.1	58.2 8.1	57.8 8.2	58.1 8.0	58.0 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 10	Property-type incomeStatistical discrepancy i	1,927.2 44.8	2,029.1 52.6	2,216.6 14.6	2,354.1 -28.2	2,520.7 -59.9	35.9 .8	35.9 .9	36.9 .2	37.4 4	38.0 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 77.9	6.9	7.0	5.3	5.6	5.5 65.3	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 32.5	94.6 32.3	94.9 32.7	99.8 32.9	113.6 33.7	100.0 35.2	100.0 34.1	100.0 34.5	100.0 33.0	100.0 29.7		
16 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 21	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 Property-type income	5.0 66.0	5.3 71.9	5.7 81.0	6.0 86.7	6.3 90.5	2.2 28.7	2.2 29.6	2.1 30.2	2.1 30.3	2.1 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		
23 24 25 26	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 28 29 30	Durable goods	573.4 439.1	615.7 459.5	679.2 486.8	716.8 505.2	749.0 521.8	100.0 76.6	100.0 74.6		100.0 70.5	100.0 69.7		
20	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	ii. 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		
31 32 33 34	Indirect business tax and nontax liability	29.6 176.4	30.4 176.6	31.0 200.7	31.6 226.2	32.2 232.9	6.0 36.0	6.1 35.2	5.8 37.4	5.5 39.8	5.5 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		
35 36 37	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 40	Wholesale trade	406.4 239.1	423.3 244.7	468.0 259.8	484.4 276.2	516.8 289.4	100.0 58.8	100.0 57.8		100.0 57.0	100.0 56.0		
41	Indirect business tax and nontax liability	92.1	99.0	111.4	110.5	115.8	22.7	23.4		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		
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 46	Indirect business tax and nontax liability Property-type income	100.6 111.9	106.5 122.0	113.9 135.7	120.1 134.4	125.7 142.2	18.5 20.5	18.6 21.3		18.8 21.1	18.8 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 49	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		181.0	189.5	14.3	14.0		13.3	13.1		
50	Property-type income	707.1	746.6		855.4	<u> </u>	61.6	61.3	1	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 j	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 54	Indirect business tax and nontax liability	29.6 311.4	32.6 318.1	35.0 344.4	37.1 351.8	39.3 374.9	2.5 25.9	2.6 25.1	2.6 25.5	2.6 24.4	2.6 24.3		
55	Government	873.6	902.7	933.5	964.1	996.3	100.0	100.0	100.0	100.0	100.0		
55 56 57	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	100.0		0.0		1.0	0.0	1.0	.0	.0		
58	Property-type income	121.7	126.9	132.8	138.8	141.0	13.9	14,1	14.2	14.4	14.2		

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

Table 9.—Quantity Indexes for Gross Domestic Product by Industry, 1987–96 [1992=100]

Line		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
1	Gross domestic product	90.47	93.93	97.08	98.27	97.36	100.00	102.32	105.87	107.97	110.95
2	Private industries	89.09	93.30	96.84	97.68	96.79	100.00	102.73	107.31	110.25	113.47
					ŀ		1			1	
3 4	Agriculture, forestry, and fishing	79.30 81.04	73.15 72.24	79.31 81.80	88.42 87.90	90.21 88.91	100.00	91.06 88.13	106.02 105.49	99.12 92.13	99.43 93.75
5	Agricultural services, forestry, and fishing	74.64	75.56	72.97	89.57	93.50	100.00	98.97	109.55	115.93	118.06
6 7	Mining	93.63	113.21 59.04	100.64	105.03	105.65	100.00	104.46	111.16	117.46	110.51
8	Metal mining	49.06 73.33	80.50	60.77 83.59	66.90 88.49	92.61 89.93	100.00 100.00	102.06 102.07	103.53 114.13	100.52 116.09	115.42 122.36
9 10	Oil and gas extraction	100.93 103.69	127.22 103.94	107.90 99.49	113.02 94.82	110.99 98.05	100.001 100.00	105.50 101.35	111.07 112.49	119.44 116.50	106.73 123.16
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11	Construction	104.33	108.33	109.69	107.77	99.73	100.00	102.03	108.76	110.66	115.06
12	Manufacturing	97.94 98.54	104.46 107.43	103.98 106.90	102.48 104.72	98.74 99.06	100.00 100.00	103.50 106.10	112.18 117.08	119.75 127.53	124.45 136.99
13 14	Lumber and wood products	125.09	124.71	120.99	115.48	106.59	100.00	89.15	93.13	98.70	104.79
15	Furniture and fixtures	104.34	104.01	104.27 102.26	97.75	92.22	100.00	110.23	111.25	115.15	116.02
16 17	Stone, clay, and glass products Primary metal industries	93.73 98.91	97.93 105.40	102.26	101.74 99.96	91.39 99.07	100.00	97.60 110.70	107.59 115.42	110.48 113.74	116.05 120.02
18	Fabricated metal products	103.15	110.11	107.36	103.59	97.37	100.00	104.75	120.69	128.04	134.21
19	Industrial machinery and equipment	83.65 79.25	97.50 86.44	103.19 94.03	104.18	95.32	100.00	105.91 120.00	121.08 147.85	151.44	171.27
21	Electronic and other electric equipment	132.34	140.48	121.52	93.79 107.55	97.29 88.53	100.00	126.17	147.61	178.07 150.00	220.51 143.93
22	Other transportation equipment	131.60	135.49	128.18	122.15	113.13	100.00	92.51	84.19	77.40	78.68
23	Instruments and related products	90.74 92.99	110.37 106.05	104.11 110.07	108.13 109.95	107.00 104.56	100.00 100.00	89.74 101.83	83.19 106.84	78.56 113.21	70.65 115.71
25	Nondurable goods	97.49	100.03	100.52	99.83	98.37	100.00	100.46	106.47	110.79	110.36
26	Food and kindred products	94.05	102.63	100.53	101.03	100.11	100.00	101.62	104.24	118.31	110.48
27	Tobacco products	173.19 85.69	167.33 84.40	147.98 86.01	135.32 88.75	117.22 90.70	100.00	87.88 102.13	121.46 107.52	132.21 100.01	130.30 104.62
29	Apparel and other textile products	93.12	97.71	100.02	97.41	97.01	100.00	100.14	104.23	104.82	99.05
30	Paper and allied products	93.82	98.34	95.49	96.33	97.37	100.00	109.44	113.75	99.01	103.30
20 21 22 23 24 25 26 27 28 29 30 31 32 33	Printing and publishing	105.51 91.65	108.91 91.68	110.22 92.48	105.96 97.35	101.35 96.15		94.39 100.12	97.80 108.93	97.20 115.32	93.18 118.04
33	Petroleum and coal products Rubber and miscellaneous plastics products	128.47	131.54	118.32	100.74	100.20	100.00	98.56	97.87	113.93	119.63
34 35	Rubber and miscellaneous plastics products Leather and leather products	76.86 97.99	81.23 98.68	90.62 102.61	90.40 99.92	92.76 94.88	100.00	108.33 93.61	119.18 93.48	126.57 98.29	133.62 100.91
				i	1	į .	1	1			
36 37	Transportation and public utilities	85.86 90.91	88.56 90.16	89.76 90.14	93.00 91.67	96.99 96.23		104.40 104.29	110.50 111.17	112.33 112.05	115.18 114.52
38 39	Railroad transportation	85.09	90.21	81.55	84.68	98.39	100.00	104.35	117.35	125.70	140.31
39	Local and interurban passenger transit	102.81	95.25 92.42	98.83	94.61	96.33		100.68 104.88			112.27
40 41	Trucking and warehousing	103.00	100.60	91.97				102.39		106.41 106.58	97.75 104.19
42	Transportation by air	81.14	78.75	80.59	91.96	91.59	100.00	102.88	119.67	115.93	137.22
43 44	Pipelines, except natural gas	122.63 87.29	110.44 92.66	111.66 98.87		106.45 98.02	100.00	107.05 107.35	98.51 110.74	109.77 118.36	102.86 122.60
45	Transportation services	82.51	87.21	87.18	92.59	97.15			109.78	110.74	112.69
46	Telephone and telegraph	84.86	88.66	87.46	92.97	96.44	100.00	103.01	106.36	105.21	108.87
47 48	Radio and television	71.21 85.40	80.44 90.17	86.00 94.58	90.90 96.39			121.20 102.45			128.27 118.45
49	Wholesale trade	79.42	84.58	90.14	88.71	93.79	100.00	102.48	110.37	112.57	121.39
50	Retail trade	93.55	98.77	101.67	100.38	98.13	100.00	104.02	110.44	114.36	119.15
51	Finance, insurance, and real estate	88.48	93.16	95.98							109.63
52	Depository institutions	107.78 89.14	107.19 89.14	107.78 88.40							95.96 124.94
54	Nondepository institutions	80.06	78.61	87.67			100.00			165.41	186.17
55	Insurance carriers	67.54	80.08	85.54							132.10
56 57	Insurance agents, brokers, and service	96.99 86.75	101.12 92.17	98.55 95.04			100.00				110.61 107.96
58	Nonfarm housing services	87.25	90.39	93.31	94.97	96.98	100.00	99.80	103.59	106.22	107.83
52 53 54 55 56 57 58 59 60	Other real estate	85.02 88.41	96.73 93.57	99.47 97.42							108.40 102.15
				1			1				}
61 62	Services	86.72 83.82	91.53 89.24	95.72 94.06							
63	Personal services	96.67	107.25	104.30	101.77	98.07	100.00	104.02	103.90	103.57	105.64
64 65	Business services	82.07 97.82	87.38 103.67	93.78							
66	Miscellaneous repair services						100.00				
67	Motion pictures	94.55	96.40			104.06	100.00				131.06
68	Amusement and recreation services			82.94 94.04							
62 63 64 65 66 67 68 69 70	Legal services	92.45	100.44	101.11		98.48	100.00	96.73	95.45	94.85	
71	Educational services	90.19	92.58	94.45		99.60		102.75	105.84	107.18	109.55
72 73	Social services	71.86 81.42		82.92 93.14	88.20 98.28						121.78 110.61
74	Other services	80.58	89.01	97.64	98.89	97.91	100.00	103.44	108.15	113.85	118.93
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76		ł	l .)			1	1			1
77 78	General government	99.22	99.89	100.67	102.15	102.42	2 100.00	97.58	94.18	90.44	87.79
79	Government enterprises	92.63	1	96.67	100.88	100.65	100.00	100.80	103.40	104.30	105.70
80 81		89.50 89.22									
82	Government enterprises	92.63									
	'	•									

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

 ^{1.} Equals the current-dollar statistical discrepancy deflated by the implicit price deflator for gross domestic business product.
 2. Equals GDP less the statistical discrepancy and the sum of GPO of the detailed industries.
 NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.

Table 11.—Gross Domestic Product by Industry Group in Current Dollars, 1947–96 [Billions of dollars]

		Private industries																
	Gross		Agri-				Manufacturing				and public utili	ies						
Year	domestic product	Total	culture, forestry, and fishing	Mining	Con- struction	Total	Durable goods	Non- durable goods	Total	Transpor- tation	Communi- cations	Electric, gas, and sanitary services	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Statistical discrep- ancy 1	Govern- ment
1947 1948 1949 1950 1951 1952 1953 1953 1954 1955 1956 1957 1958 1960 1961 1961 1962 1963 1968 1969 1970 1971 1972 1973 1977 1978 1977 1978 1979 1980 1981 1981 1982 1983 1984 1985 1986 1987 1988 1999 1990 1991 1981 1982 1983 1984 1985 1986	6,558.1 6,947.0	214.1 239.5 236.2 262.8 300.7 314.1 333.0 364.3 383.8 403.1 405.8 442.4 457.7 471.8 507.1 533.5 572.9 680.9 7715.7 779.4 1,278.1 1,278.1 1,278.1 1,278.1 1,278.1 1,278.1 1,278.2 1,278.2 2,298.8 2,298.8 2,298.8 2,298.8 3,368.6 3,368.7 3,368.6 3,368.7 4,693.4 4,691.4 5,577.8 5,572.8 5,572.8 6,603.3 6,603.8 6,603.3 6,603.8	66.7 81.1 77.0 62.5 83.5 84.0 88.5 88.9 101.9 108.7 102.9 112.4 106.1 119.2	112.3 101.1 92.2 94.6 94.9 99.8	217.0 233.4 242.2 245.2 228.8 229.7 242.4 268.7 286.4	889.2 971.5 1,013.5 1,031.4	33.5 38.2 37.1 45.9 55.6 59.0 66.1 61.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 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581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 581.7 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1,059.4 1,107.6 1,200.6 1,267.0	5.5 12.1.1 19.9 18.2 18.1.2 27.6 27.6 27.6 27.1 5.0 24.1 23.3 -15.4 47.3 13.2 10.1 44.8 52.6 24.1 14.6 14.6 14.6 24.7 14.8 14.9 14.9 14.9 14.9 14.9 14.9 14.9 14.9	90.1 96.3 106.9 117.9 131.2 143.3 157.6 171.7 187.8 224.8 249.3 271.2 293.5 319.8 348.2 426.5 461.9 492.4 533.8 578.6 615.0 633.9 694.9 799.2 799.2 694.9 992.7 993.5

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

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

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

[Billions of chained (1992) dollars]

Year		Private industries																	
	Gross domestic product	Total	Agri-	Mining	Con- struction	Manufacturing			Transportation and public utilities						Finance,			Govern-	Not allocated
			culture, forestry, and fishing			Total	Durable goods	Non- durable goods	Total	Transpor- tation	Communi- cations	Electric, gas, and sanitary services	Wholesale trade	Retail trade	insur- ance, and real estate	Services	Statistical discrep- ancy 1	ment	by industry 2
1977 1978 1979 1980 1981 1982 1983 1983 1984 1985 1986 1997 1988 1990 1990 1990 1991 1992 1993 1994 1995 1995	4,273.6 4,503.0 4,630.6 4,615.0 4,720.7 4,620.3 4,803.7 5,140.1 5,323.5 5,487.7 5,487.7 6,062.0 6,136.3 6,079.4 6,389.6 6,610.7 6,742.1	3,592.1 3,740.2 3,869.7 3,956.0 3,854.8 4,051.3 4,354.6 4,541.5 4,656.2 4,784.9 5,011.1 5,201.2 5,378.2 5,517.4 5,763.6 5,921.4	57.3 55.2 59.2 72.3 76.0 54.6 54.6 85.9 89.1 82.2 89.1 101.4 102.3 119.1 111.7	82.4 84.6 73.6 82.0 81.4 78.8 73.7 82.0 87.1 83.6 86.4 96.9 97.5 92.2 96.4 102.5	213.8 221.2 227.8 195.4 172.8 181.0 239.9 239.6 248.8 251.2 229.0 247.5 229.0 249.8 249.8 251.2 249.8	796.5 836.5 864.8 858.5 810.0 856.7 948.1 967.6 1,041.7 1,110.0 1,050.2 1,063.6 1,100.8 1,193.2 1,233.7	435.1 461.7 470.5 451.2 468.6 427.9 448.3 521.8 537.4 565.0 615.9 600.4 568.0 671.3 608.3 671.3 731.2 785.5	361.9 374.0 395.4 371.5 390.5 386.2 413.8 426.1 441.0 477.9 494.8 492.8 490.3 492.5 522.0 541.0	346.8 362.8 378.7 385.0 391.0 379.6 422.1 423.8 421.7 453.9 468.2 474.5 512.8 528.7 551.9 584.1 608.9	192.8 201.1 214.3 216.0	79.7 88.7 96.3 106.5 113.8 115.0 121.6 119.0 120.3 119.7 140.5 140.5 140.5 156.5 161.1 171.8 178.4 181.6	132.0 131.0 131.2 136.1 126.1 130.3 138.8 140.4 149.2 157.6 165.3 174.7 179.0 193.1 199.6	298.1 333.0 322.8 343.8 366.3 360.5 381.2 406.4 416.5 448.6 457.5	364.5 389.9 389.1 374.5 386.2 387.9 422.6 465.0 496.8 526.6 509.2 537.6 546.4 534.1 544.3 566.2 601.2 622.5	742.7 786.0 830.7 862.8 878.1 875.8 900.0 945.0 969.1 1,015.7 1,069.4 1,109.0 1,174.3 1,196.9 1,174.3 1,196.9	712.5 759.5 787.3 810.8 830.0 838.1 920.8 963.9 996.8 1,041.4 1,149.5 1,181.7 1,174.2 1,200.8 1,223.5 1,256.5 1,342.9	37.3 34.5 49.5 22.0 -3.4 49.7 3.0 28.6 -18.4 -54.6 11.5 10.3 14.8 51.3 13.9 -54.3	717.4 731.6 739.4.8 749.4 748.3 753.0 760.1 777.9 829.0 847.7 873.6 873.7 873.6 874.8 874.8	-15.1 18.0 7.3 35.8 53.4 22.9 9.5 25.3 7.8 .0 -3.7 -33.8 -61.3

Equals the current-dollar statistical discrepancy deflated by the implicit price deflator for gross domestic business product.
 Equals GDP less the statistical discrepancy and the sum of the most detailed industry groups in this table.

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

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

			Billions	of current of	ioliars		C	nain-type qua	antity indexes	s (1992=100))
ine		1992	1993	1994	1995	1996	1992	1993	1994	1995	1996
1	Gross domestic product						***************************************				
2	Private industries							***************************************	***************************************		
3	Agriculture, forestry, and fishing	224.5	224.9	242.1	240.9	266.1	100.00	97.61	105.70	104.26	104.35
5	Farms	187.7 36.8	186.5 38.4	202.9 39.2	197.9 43.0	219.9 46.1	100.00 100.00	97.16 99.67	106.26 103.73	102.31 114.11	102.86 115.60
6	Mining	160.0	160.2	157.5	156.6	183.5	100.00	100.72	103.03	102.06	102.12
7	Metal mining	11.4 28.9	10.6 26.0	12.0 27.8	13.2 26.8	12.3 26.9	100.00 100.00	98.83 94.92	101.60 103.91	99.85 103.23	100.18 105.87
اۋ	Coal miningOil and gas extraction	105.5	109.4	102.0	100.3	127.2	100.00	102.35	102.18	100.64	99.59
10	Nonmetallic minerals, except fuels	14.1	14.2	15.6	16.4	17.1	100.00	101.57	108.81	111.86	115.59
11	Construction	432.1	457.4	493.1	513.8	554.6	100.00	102.51	106.75	106.90	112.7
12 13	Manufacturing Durable goods	2,961.2 1,510.3	3,096.6 1,613.6	3,313.3 1,770.3	3,550.0 1,899.2	3,699.8 1,991.6	100.00 100.00	103.52 105.66	109.40 114.44	114.57 122.63	119.6 131.7
14	Lumber and wood products	84.3	97.4	106.6	108.6	107.9	100.00	99.74	104.91	107.28	107.6
15	Furniture and fixtures	43.2	46.2	49.7	53.0	57.5	100.00	104.89	109.10	113.09	119.9
16	Stone, clay, and glass products	61.5	64.4	70.0	75.2	82.0	100.00	102.43	107.39	110.81	119.0
17	Primary metal industries	138.0 164.9	142.8	161.1	179.7	173.5	100.00 100.00	104.88	111.38	112.46	113.2
18 19 20 21	Fabricated metal productsIndustrial machinery and equipment	251.2	172.7 272.2	188.8 305.8	202.9 345.3	212.4 369.8	100.00	103.97 110.56	111.73 125.68	115.75 145.96	119.7 164.7
20	Electronic and other electric equipment	210.2	228.6	261.9	294.9	316.0	100.00	110.56	130.22	160.78	189.8
21	Motor vehicles and equipment	235.6	265.0	312.5	323.5	331.7	100.00	109.72	126.28	129.22	131.6
22	Other transportation equipment	149.1	146.2	132.9	129.1	143.1	100.00	96.40	86.12	81.54	88.9
22 23 24 25 26 27 28 29 30 31 32 33 34 35	Instruments and related products	131.0	133.8	134.4	136.9	143.3	100.00	100.72	100.17	101.18	105.2
24	Miscellaneous manufacturing industries	41.3	44.3	46.6	50.2	54.5	100.00	105.35	108.90	112.70	122.7
20	Nondurable goodsFood and kindred products	1,450.9 398.3	1,483.0 412.8	1,543.0 420.6	1,650.8 438.1	1,708.3 460.0	100.00 100.00	101.30 101.86	104.14 102.60	106.21 105.80	107.3 106.0
27	Tobacco products	39.9	33.6	35.3	38.3	39.7	100.00	86.23	100.74	106.24	108.2
28 I	Textile mill products	70.5	74.0	77.7	79.2	77.9	100.00	105.19	110.08	108.80	105.7
29	Apparel and other textile products	70.9	73.0	76.1	76.8	75.1	100.00	102.00	105.91	106.25	102.2
30	Paper and allied products	131.9	132.2	141.9	171.6	160.5	100.00	101,61	105.67	105.85	105.6
31	Printing and publishing	170.0 299.5	176.0	180.7 325.8	192.2 353.0	203.8	100.00 100.00	100.28 100.27	100.33 103.01	101.13 106.34	103.4
32	Chemicals and allied products	148.1	307.1 143.3	142.1	149.3	363.2 177.0	100.00	100.27	103.01	104.19	109.0 109.9
34 l	Rubber and miscellaneous plastics products	112.2	121.2	133.5	143.6	142.1	100.00	106.92	116.24	118.96	118.
35	Leather and leather products	9.5	9.9	9.4	8.7	8.8	100.00	102.22	94.96	84.87	86.8
36 37 38 39 40 41 42 43 44	Transportation and public utilities									***************************************	
34	Railroad transportation	33.0	33.6	35.8	37.5	39.5	100.00	103.74	111.85	121.14	132.0
39	Local and interurban passenger transit	15.9	16.7	17.4	18.3	19.4	100.00	104.20	107.11	111.48	111.0
40	Trucking and warehousing	167.9	178.3	196.0	205.8	217.8	100.00	105.64	111.41	113.02	114.9
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	115.7
43	Pipelines, except natural gasTransportation services	8.4	8.2	8.6	9.0	9.5	100.00	100.97	103.12	101.04	102.8
45	Communications	247.6	263.3	277.0	294.6	318.9	100.00	105.00	109.75	115.65	122.9
46	Telephone and telegraph	188.5	196.8	207.4	218.9	236.2	100.00				
47	Radio and television	59.1						104.37	109.92	115.94	
48	zioone, gao, and ountary correct minimum	264.9	66.5 274.5	69.5 269.1	75.6 270.0	82.7 279.1	100.00	104.37 106.96 100.95	109.92 109.27 99.68		117.0
	Wholesale trade	264.9 585.8		69.5	75.6	82.7	100.00	106.96	109.27	115.94 114.80	117.0 100.9
48	•		274.5	69.5 269.1	75.6 270.0	82.7 279.1 781.1	100.00 100.00 100.00	106.96 100.95	109.27 99.68	115.94 114.80 100.23	117.0 100.9 124. 8
48 49 50	Wholesale trade	585.8 864.8	274.5 625.2	69.5 269.1 680.1	75.6 270.0 735.5	82.7 279.1 781.1	100.00 100.00 100.00	106.96 100.95 104.81	109.27 99.68 111.07	115.94 114.80 100.23 117.52	117.0 100.9 124. 8
48 49 50 51	Wholesale trade	585.8 864.8	274.5 625.2 916.1	69.5 269.1 680.1 977.9	75.6 270.0 735.5	82.7 279.1 781.1	100.00 100.00 100.00	106.96 100.95 104.81	109.27 99.68 111.07	115.94 114.80 100.23 117.52	117.0 100.9 124.8
48 49 50 51	Wholesale trade	585.8 864.8	274.5 625.2 916.1	69.5 269.1 680.1 977.9	75.6 270.0 735.5 1,014.7	82.7 279.1 781.1 1,059.4	100.00 100.00 100.00	106.96 100.95 104.81 104.31	109.27 99.68 111.07 109.59	115.94 114.80 100.23 117.52 112.43	117.0 100.9 124.8 115.8
48 49 50 51	Wholesale trade Retail trade Finance, Insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers	585.8 864.8 96.1	274.5 625.2 916.1	69.5 269.1 680.1 977.9	75.6 270.0 735.5 1,014.7	82.7 279.1 781.1 1,059.4	100.00 100.00 100.00	106.96 100.95 104.81 104.31	109.27 99.68 111.07 109.59	115.94 114.80 100.23 117.52 112.43	117.0 100.9 124.6 115.6
48 49 50 51	Wholesale trade Retail trade Finance, insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance carriers	585.8 864.8 96.1	274.5 625.2 916.1	69.5 269.1 680.1 977.9	75.6 270.0 735.5 1,014.7 151.2 212.1	82.7 279.1 781.1 1,059.4 187.2 231.0	100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 	109.27 99.68 111.07 109.59 136.26 108.98	115.94 114.80 100.23 117.52 112.43	117.0 100.9 124.1 115.0 193.9
48 49 50 51	Wholesale trade Retail trade Finance, insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance carriers Insurance agents, brokers, and service Real estate	96.1 164.5 59.6	274.5 625.2 916.1 118.0 191.2 63.0	69.5 269.1 680.1 977.9 128.0 202.6 69.1	75.6 270.0 735.5 1,014.7 	82.7 279.1 781.1 1,059.4 	100.00 100.00 100.00 100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 	109.27 99.68 111.07 109.59 136.26 108.98 108.11	115.94 114.80 100.23 117.52 112.43 	117.0 100.9 124.0 115.0 193.9 118.0 106.9
48 49 50 51 52 53 54 55 56 57 58	Wholesale trade Retail trade Finance, insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance carriers Insurance agents, brokers, and service Real estate Nonfarm housing services	96.1 164.5 59.6	274.5 625.2 916.1 118.0 191.2 63.0	69.5 269.1 680.1 977.9 128.0 202.6 69.1	75.6 270.0 735.5 1,014.7 	82.7 279.1 781.1 1,059.4 187.2 231.0 72.7 748.1	100.00 100.00 100.00 100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 123.79 105.48 101.77	109.27 99.68 111.07 109.59 136.26 108.98 108.11	115.94 114.80 100.23 117.52 112.43	117.0 100.9 124.0 115.0 193.9 118.0 106.9
48 49 50 51	Wholesale trade Retail trade Finance, insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance carriers Insurance agents, brokers, and service Real estate	96.1 164.5 59.6	274.5 625.2 916.1 118.0 191.2 63.0	69.5 269.1 680.1 977.9 128.0 202.6 69.1	75.6 270.0 735.5 1,014.7 	82.7 279.1 781.1 1,059.4 	100.00 100.00 100.00 100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 	109.27 99.68 111.07 109.59 136.26 108.98 108.11	115.94 114.80 100.23 117.52 112.43 	117.0 100.9 124.0 115.0 193.9 118.0 106.9
48 49 50 51 52 53 54 55 56 57 58 59 60 61	Wholesale trade Retail trade Finance, Insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance carriers Insurance agents, brokers, and service Real estate Nonfarm housing services Other real estate Holding and other investment offices Services	96.1 164.5 59.6 615.2	274.5 625.2 916.1 118.0 191.2 63.0	69.5 269.1 680.1 977.9 128.0 202.6 69.1 677.6	75.6 270.0 735.5 1,014.7 151.2 212.1 69.1	82.7 279.1 781.1 1,059.4 	100.00 100.00 100.00 100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 123.79 105.48 101.77	109.27 99.68 111.07 109.59 136.26 108.98 108.11	115.94 114.80 100.23 117.52 112.43 157.48 111.93 104.66	117.0 100.9 124.1 115.4 193.9 118.1 106.3
48 49 50 51 52 53 54 55 55 56 57 58 60 61 62	Wholesale trade Retail trade Finance, Insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance carriers Insurance agents, brokers, and service Real estate Nonfarm housing services Other real estate Holding and other investment offices Services Hotels and other lodging places	96.1 164.5 59.6 615.2	274.5 625.2 916.1 118.0 191.2 63.0 639.7	69.5 269.1 680.1 977.9 128.0 202.6 69.1 677.6	75.6 270.0 735.5 1,014.7 151.2 212.1 69.1 713.2	82.7 279.1 781.1 1,059.4 187.2 231.0 72.7 748.1	100.00 100.00 100.00 100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 123.79 105.48 101.77 101.23	109.27 99.68 111.07 109.59 136.26 108.98 108.11 104.28	115.94 114.80 100.23 117.52 112.43 157.48 111.93 104.66	117.0 100.9 124.3 115.4 193.1 118.3 106.3 118.3 118.3
48 49 50 51 52 53 54 55 55 56 57 58 60 61 62	Wholesale trade Retail trade Finance, Insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance carriers Insurance agents, brokers, and service Real estate Nonfarm housing services Other real estate Holding and other investment offices Services Hotels and other lodging places Personal services	96.1 164.5 59.6 615.2	274.5 625.2 916.1 118.0 191.2 63.0	69.5 269.1 680.1 977.9 128.0 202.6 69.1 677.6	75.6 270.0 735.5 1,014.7 151.2 212.1 69.1	82.7 279.1 781.1 1,059.4 	100.00 100.00 100.00 100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 123.79 105.48 101.77	109.27 99.68 111.07 109.59 136.26 108.98 108.11	115.94 114.80 100.23 117.52 112.43 157.48 111.93 104.66	117.0 100.9 124.3 115.4 193.1 118.3 106.3 118.3 118.3
48 49 50 51 52 53 54 55 55 56 60 61 62	Wholesale trade Retail trade Finance, insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance agents, brokers, and service Real estate Nonfarm housing services Other real estate Holding and other investment offices Services Hotels and other lodging places Personal services Business services	96.1 164.5 59.6 615.2 85.5 73.5	274.5 625.2 916.1 118.0 191.2 63.0 639.7 90.6 77.2	69.5 269.1 680.1 977.9 128.0 202.6 69.1 677.6	75.6 270.0 735.5 1,014.7 151.2 212.1 69.1 713.2 104.4 87.0	82.7 279.1 781.1 1,059.4 	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 123.79 105.48 101.77 101.23	109.27 99.68 111.07 109.59 136.26 108.98 108.11 104.28	115.94 114.80 100.23 117.52 112.43 157.48 111.93 104.66 105.46	117./ 100.9 124.1 115.3 193. 118. 106. 108.
48 49 50 51 52 53 54 55 55 56 57 58 60 61 62	Wholesale trade Retail trade Finance, Insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance carriers Insurance agents, brokers, and service Real estate Nonfarm housing services Other real estate Holding and other investment offices Services Hotels and other lodging places Personal services	96.1 164.5 59.6 615.2 85.5 73.5	274.5 625.2 916.1 118.0 191.2 63.0 639.7	69.5 269.1 680.1 977.9 128.0 202.6 69.1 677.6	75.6 270.0 735.5 1,014.7 151.2 212.1 69.1 713.2	82.7 279.1 781.1 1,059.4 187.2 231.0 72.7 748.1 110.9 89.4	100.00 100.00 100.00 100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 123.79 105.48 101.77 101.23	109.27 99.68 111.07 109.59 136.26 108.98 108.11 104.28	115.94 114.80 100.23 117.52 112.43 157.48 111.93 104.66	117.0 100.9 124.0 115.0 193.1 118.1 106.3 108.3 114.1 108.3
48 49 50 51 52 53 54 55 55 56 57 58 60 61 62	Wholesale trade Retail trade Finance, Insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance carriers Insurance agents, brokers, and service Real estate Nonfarm housing services Other real estate Holding and other investment offices Services Hotels and other lodging places Personal services Business services Auto repair, services, and parking Miscellaneous repair services Motion pictures	585.8 864.8 96.1 164.5 59.6 615.2 85.5 73.5 93.9 39.9 49.2	274.5 625.2 916.1 118.0 191.2 63.0 639.7 90.6 77.2 100.6 40.8 54.1	69.5 269.1 680.1 977.9 128.0 202.6 69.1 677.6 109.5 44.3 58.5	75.6 270.0 735.5 1,014.7 151.2 212.1 69.1 713.2 104.4 87.0 117.8 48.2 62.6	82.7 279.1 781.1 1,059.4 	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 123.79 105.48 101.77 101.23 102.63 101.86	109.27 99.68 111.07 109.59 136.26 108.98 108.11 104.28 108.49 104.36 108.10 103.37	115.94 114.80 100.23 117.52 112.43 157.48 111.93 104.66 106.46 112.07 108.61 113.14 110.57	117.0 100.3 124.1 115.4 193.9 118.1 106.3 108.3 115.1 109.1 115.1
48 49 50 51 52 53 54 55 55 56 57 58 60 61 62	Wholesale trade Retail trade Finance, Insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance agents, brokers, and service Real estate Nonfarm housing services Other real estate Holding and other investment offices Services Hotels and other lodging places Personal services Business services Auto repair, services, and parking Miscellaneous repair services Motion pictures Amusement and recreation services	96.1 164.5 59.6 615.2 85.5 73.5 93.9 93.9 49.2 75.5	274.5 625.2 916.1 118.0 191.2 63.0 639.7 90.6 77.2 100.6 40.8 54.1	69.5 269.1 680.1 977.9 128.0 202.6 69.1 677.6 97.8 81.6 109.5 44.3 58.5	75.6 270.0 735.5 1,014.7 151.2 212.1 69.1 713.2 104.4 87.0 117.8 48.2 62.6	82.7 279.1 781.1 1,059.4 187.2 231.0 72.7 748.1 110.9 89.4 49.7 65.3	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 123.79 105.48 101.77 101.23 102.63 101.96 102.88 96.99 108.35 107.06	109.27 99.68 111.07 109.59 136.26 108.98 108.11 104.28 108.49 104.36 108.10 103.37 112.49	115.94 114.80 100.23 117.52 112.43 157.48 111.93 104.66 106.46 112.07 108.61 113.14 110.57 116.24 120.62	117.(100.9 124.3 115.4 193.1 108.3 108.3 118.1 108.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3
48 49 50 51 52 53 55 55 55 56 57 58 60 61 62	Wholesale trade Retail trade Finance, Insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance agents, brokers, and service Real estate Nonfarm housing services Other real estate Holding and other investment offices Services Hotels and other lodging places Personal services Auto repair, services, and parking Miscellaneous repair services Motion pictures Amusement and recreation services Health services Health services	585.8 864.8 96.1 164.5 59.6 615.2 85.5 73.5 93.9 39.9 49.2 75.5 580.8	274.5 625.2 916.1 118.0 191.2 63.0 639.7 90.6 77.2 100.6 40.8 54.1 83.4 614.3	69.5 269.1 977.9 128.0 202.6 69.1 677.6 197.8 81.6 109.5 44.3, 58.5 89.9	75.6 270.0 735.5 1,014.7 151.2 212.1 69.1 713.2 104.4 87.0 117.8 48.2 62.6 101.0 667.9	82.7 279.1 781.1 1,059.4 	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 123.79 105.48 101.77 101.23 102.63 101.86	109.27 99.68 111.07 109.59 136.26 108.98 108.11 104.28 108.49 104.36	115.94 114.80 100.23 117.52 112.43 157.48 111.93 104.66 106.46 112.07 108.61 113.14 110.57 116.24 120.62	117./ 100.3 124./ 115./ 193. 118. 106. 108. 114. 108. 115. 109. 115.
48 49 50 51 52 53 55 55 55 55 56 60 61 62	Wholesale trade Retail trade Finance, Insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance agents, brokers, and service Real estate Nonfarm housing services Other real estate Holding and other investment offices Services Hotels and other lodging places Personal services Business services Auto repair, services, and parking Miscellaneous repair services Motion pictures Motion pictures Arrusement and recreation services Health services Legal services	\$85.8 864.8 96.1 164.5 59.6 615.2 85.5 73.5 93.9 39.9 49.2 75.5 580.8 118.7	274.5 625.2 916.1 118.0 191.2 63.0 639.7 90.6 77.2 100.6 40.8 54.1 83.4 614.3 122.3	69.5 269.1 680.1 977.9 128.0 202.6 69.1 677.6 109.5 44.3 58.5,5 89.9 645.8 124.5	75.6 270.0 735.5 1,014.7 151.2 212.1 69.1 713.2 104.4 87.0 117.8 48.2 62.6 60.101.0 687.9 125.2	82.7 279.1 781.1 1,059.4 	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 123.79 105.48 101.77 101.23 102.63 101.86 102.88 96.99 108.35 107.06 101.18	109.27 99.68 111.07 109.59 136.26 108.11 104.28 108.11 104.36 108.10 111.48 102.36 97.33	115.94 114.80 100.23 117.52 112.43 117.52 112.43 111.93 104.66 106.46 112.07 108.61 113.14 110.57 116.24 120.62 105.28 94.68	117./ 100.3 124.3 115.3 193. 118. 106. 108. 116. 108. 115. 109. 115. 128. 107. 97.
48 49 50 51 52 53 55 55 55 55 56 60 61 62	Wholesale trade Retail trade Finance, insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance agents, brokers, and service Real estate Nonfarm housing services Other real estate Hotiding and other investment offices Services Hotels and other lodging places Personal services Business services, and parking Miscellaneous repair, services, and parking Miscellaneous repair services Motion pictures Amusement and recreation services Health services Legal services Legal services Educational services	96.1 164.5 59.6 615.2 85.5 73.5 93.9 49.2 75.5 580.8 118.7	274.5 625.2 916.1 118.0 191.2 63.0 639.7 90.6 77.2 100.6 40.8 54.1 83.4 614.3	69.5 269.1 977.9 128.0 202.6 69.1 677.6 197.8 81.6 109.5 44.3, 58.5 89.9	75.6 270.0 735.5 1,014.7 151.2 212.1 69.1 713.2 104.4 87.0 117.8 48.2 62.6 101.0 667.9	82.7 279.1 781.1 1,059.4 	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 123.79 105.48 101.77 101.23 102.63 101.86	109.27 99.68 111.07 109.59 136.26 108.98 108.11 104.28 108.49 104.36	115.94 114.80 100.23 117.52 112.43 157.48 111.93 104.66 106.46 112.07 108.61 113.14 110.57 116.24 120.62	117./ 100.3 124.3 115.3 193. 118. 106. 108. 116. 108. 115. 109. 115. 128. 107. 97.
48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 66 66 67 67 77 77 77 73	Wholesale trade Retail trade Finance, insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance agents, brokers, and service Real estate Nonfarm housing services Other real estate Holding and other investment offices Services Hotels and other lodging places Personal services Business services Auto repair, services, and parking Miscellaneous repair services Motion pictures Amusement and recreation services Health services Legal services Educational services Educational services Social services Educational services Social services Membership organizations	\$85.8 864.8 96.1 164.5 59.6 615.2 85.5 73.5 93.9 39.9 49.2 75.5 580.8 118.7 84.7	274.5 625.2 916.1 118.0 191.2 63.0 639.7 90.6 77.2 100.6 40.8 54.1 83.4 614.3 122.3	69.5 269.1 680.1 977.9 128.0 202.6 69.1 677.6 109.5 44.3 58.5,5 89.9 645.8 124.5	75.6 270.0 735.5 1,014.7 151.2 212.1 69.1 713.2 104.4 87.0 117.8 48.2 62.6 60.101.0 687.9 125.2	82.7 279.1 781.1 1,059.4 	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 123.79 105.48 101.77 101.23 102.63 101.86 102.88 96.99 108.35 107.06 101.18	109.27 99.68 111.07 109.59 136.26 108.11 104.28 108.11 104.36 108.10 111.48 102.36 97.33	115.94 114.80 100.23 117.52 112.43 117.52 112.43 111.93 104.66 106.46 112.07 108.61 113.14 110.57 116.24 120.62 105.28 94.68	117./ 100.3 124.3 115.3 193. 118. 106. 108. 116. 108. 115. 109. 115. 128. 107. 97.
48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 66 67 68 69 70 71 72 73 74	Wholesale trade Retail trade Finance, Insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance agents, brokers, and service Real estate Nonfarm housing services Other real estate Holding and other investment offices Services Hotels and other lodging places Personal services Auto repair, services, and parking Miscellaneous repair services Motion pictures Armusement and recreation services Legal services Legal services Educational services Social services Social services Social services Membership organizations Other services Other services Membership organizations Other services	\$85.8 864.8 96.1 164.5 59.6 615.2 85.5 73.5 93.9 39.9 49.2 75.5 580.8 118.7 84.7	274.5 625.2 916.1 118.0 191.2 63.0 639.7 90.6 77.2 100.6 40.8 54.1 83.4 614.3 122.3	69.5 269.1 680.1 977.9 128.0 202.6 69.1 677.6 109.5 44.3 58.5 89.6 58.5 124.5 95.1	75.6 270.0 735.5 1,014.7 151.2 212.1 69.1 713.2 104.4 87.0 117.8 48.2 62.6 101.0 104.0 101.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105	82.7 279.1 781.1 1,059.4 187.2 231.0 72.7 748.1 110.9 89.4 123.4 49.7 65.3 111.4 720.3 133.5 106.2	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 123.79 105.48 101.77 101.23 102.63 101.96 102.88 96.99 108.35 107.06 101.18 98.78 102.85	108.49 104.36 108.10 108.10 108.10 108.10 108.10 108.10 103.37 112.49 112.36 97.33 106.30	115.94 114.80 100.23 117.52 112.43 117.52 112.43 111.93 104.66 106.46 110.57 118.94 110.57 116.24 120.62 105.28 94.68 108.14	117./ 100.3 124.3 115.3 193. 118. 106. 108. 116. 108. 115. 109. 115. 128. 107. 97.
48 49 50 51 52 53 55 55 56 57 58 59 60 61 62 63 64 66 66 67 77 77 77 77 77 77 77	Wholesale trade Retail trade Finance, insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance agents, brokers, and service Real estate Nonfarm housing services Other real estate Hotels and other investment offices Services Hotels and other lodging places Personal services Auto repair, services, and parking Miscellaneous repair services Motion pictures Amusement and recreation services Health services Legal services Educational services Social services Social services Membership organizations Other services Private households	96.1 164.5 59.6 615.2 85.5 73.5 93.9 49.2 75.5 580.8 118.7 84.7	274.5 625.2 916.1 118.0 191.2 63.0 639.7 90.6 77.2 100.6 40.8 54.1 83.4 614.3 122.3 89.3	69.5 269.1 680.1 977.9 128.0 202.6 69.1 677.6 109.5 44.3 58.5 89.9 645.8 124.5 95.1	75.6 270.0 735.5 1,014.7 151.2 212.1 69.1 713.2 104.4 87.0 117.8 48.2 62.6 101.0 687.9 125.2 100.3	82.7 279.1 781.1 1,059.4 187.2 231.0 72.7 748.1 110.9 89.4 123.4 49.7 65.3 111.4 720.3 133.5 106.2	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 123.79 105.48 101.77 101.23 102.63 101.86 102.88 96.99 108.35 107.06 101.18 98.78 102.85	109.27 99.68 111.07 109.59 136.26 108.98 108.11 104.28 108.10 1108.10 111.48 112.36 97.33 106.30	115.94 114.80 100.23 117.52 112.43 157.48 111.93 104.66 106.46 112.07 108.61 113.14 110.57 116.24 120.62 105.28 94.68 108.14	117.0 100.3 124.1 115.3 118.3 106.3 118.3 108.3 118.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3
48 49 50 51 55 55 55 55 56 60 61 62 63 64 66 66 67 70 71 77 77 76	Wholesale trade Retail trade Finance, Insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance agents, brokers, and service Real estate Nonfarm housing services Other real estate Holding and other investment offices Services Hotels and other lodging places Personal services. Business services Auto repair, services, and parking Miscellaneous repair services Motion pictures Amusement and recreation services Legal services Legal services Educational services Social services Membership organizations Other services Private households Statistical discrepancy 1	85.5 73.5 93.9 93.9 93.9 93.9 93.9 93.9 94.9 75.5 88.7 88.7 88.7 88.7 88.7 88.7 88.7	274.5 625.2 916.1 118.0 191.2 63.0 639.7 90.6 77.2 100.6 40.8 54.1 122.3 89.3	69.5 269.1 680.1 977.9 128.0 202.6 69.1 677.6 97.8 81.6 81.6 81.6 81.6 109.5 44.3 58.5 89.9 645.8 124.5 95.1	75.6 270.0 735.5 1,014.7 151.2 212.1 69.1 713.2 104.4 87.0 117.8 48.2 62.6 101.0 687.9 125.2 100.3	82.7 279.1 781.1 1,059.4 187.2 231.0 72.7 748.1 110.9 89.4 49.7 65.3 111.4 720.3 133.5 106.2	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 123.79 105.48 101.77 101.23 102.63 101.96 102.88 96.99 108.35 107.06 101.18 98.78 102.85	109.27 99.68 111.07 109.59 136.26 108.49 104.36 108.10 103.37 112.49 111.48 122.36 97.33 106.30	115.94 114.80 100.23 117.52 112.43 157.48 111.93 104.66 106.46 112.07 108.61 113.14 110.57 116.24 120.62 194.68 108.14	117./ 100.3 124./ 115./ 193./ 118./ 106./ 108./ 114./ 108./ 115./ 109./ 115./ 128./ 107./ 97./ 111./
48 49 50 51 553 554 555 557 558 59 60 61 62 63 64 66 66 67 77 77 77 77	Wholesale trade Retail trade Finance, Insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance agents, brokers, and service Real estate Nonfarm housing services Other real estate Holding and other investment offices Services Hotels and other lodging places Personal services Business services Auto repair, services, and parking Miscellaneous repair services Motion pictures Health services Legal services Educational services Educational services Social services Membership organizations Other services Private households Statistical discrepancy 1 Government	85.5. 864.8 96.1 164.5 59.6 615.2 85.5 73.5 93.9 93.9 49.2 75.5 80.8 118.7 84.7	274.5 625.2 916.1 118.0 191.2 63.0 639.7 90.6 77.2 100.6 40.8 54.1 83.4 614.3 122.3 89.3	69.5 269.1 680.1 977.9 128.0 202.6 69.1 677.6 109.5 44.3 58.5 89.9 645.8 124.5 95.1	75.6 270.0 735.5 1,014.7 151.2 212.1 69.1 713.2 104.4 87.0 117.8 48.2 62.6 101.0 687.9 125.2 100.3	82.7 279.1 781.1 1,059.4 187.2 231.0 72.7 748.1 110.9 89.4 123.4 49.7 65.3 111.4 720.3 133.5 106.2	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 123.79 105.48 101.77 101.23 102.63 101.86 102.88 96.99 108.35 107.06 101.18 98.78	109.27 99.68 111.07 109.59 136.26 108.98 108.11 104.28 108.10 103.37 112.49 111.48 102.36 97.33 106.30	115.94 114.80 100.23 117.52 112.43 117.52 112.43 114.66 106.46 112.07 108.61 113.14 110.57 116.24 120.62 105.28 94.68 106.14	117.0 100.9 124.8 115.8 193.9 118.3 106.3 108.3 108.3 115.1 109.2 115.5 128.4 107.4 107.4 107.4 107.4 107.4 107.4
48 49 50 51 555 555 556 558 559 60 61 62 63 64 65 66 66 67 77 77 77 78	Wholesale trade Retail trade Finance, Insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance agents, brokers, and service Real estate Nontarm housing services Other real estate Hotels and other lodging places Personal services Business services, and parking Miscellaneous repair, services, and parking Miscellaneous repair services Motion pictures Arusement and recreation services Legal services Legal services Social services Membership organizations Other services Membership organizations Other services Private households Statistical discrepancy¹ Government Federal	96.1 164.5 59.6 615.2 85.5 73.5 93.9 49.2 75.5 580.8 118.7 84.7	274.5 625.2 916.1 118.0 191.2 63.0 639.7 90.6 77.2 100.6 40.8 54.1 83.4 614.3 122.3 89.3	69.5 269.1 680.1 977.9 128.0 202.6 69.1 677.6 97.8 81.6 109.5 44.3 58.5 89.9 645.8 124.5 95.1	75.6 270.0 735.5 1,014.7 151.2 212.1 69.1 713.2 104.4 87.0 117.8 48.2 62.6 101.0 687.9 125.2 100.3	82.7 279.1 781.1 1,059.4 187.2 231.0 72.7 748.1 110.9 89.4 123.4 49.7 65.3 111.4 720.3 133.5 106.2	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 123.79 105.48 101.77 101.23 102.63 101.86 102.88 96.99 108.35 107.06 101.18 98.78 102.85	109.27 99.68 111.07 109.59 136.26 108.98 108.11 104.28 108.10 108.10 103.37 112.49 111.48 102.36 97.33 106.30	115.94 114.80 100.23 117.52 112.43 157.48 111.93 104.66 106.46 112.07 108.61 113.14 110.57 116.24 120.62 105.28 94.68 108.14	117.0 100.9 124.6 115.6 193.9 118.3 106.9 118.3 108.3 118.3 108.3 119.3 109.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3 119.3
48 49 50 51 52 53 54 55 56 67 58 59 60 61 62 63 64 66 66 67 71 72 73 74 75 76 77	Wholesale trade Retail trade Finance, Insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance agents, brokers, and service Real estate Nonfarm housing services Other real estate Holding and other investment offices Services Hotels and other lodging places Personal services Business services Auto repair, services, and parking Miscellaneous repair services Motion pictures Health services Legal services Educational services Educational services Social services Membership organizations Other services Private households Statistical discrepancy 1 Government	85.5.73.5.73.5.580.8 118.7.84.7	274.5 625.2 916.1 118.0 191.2 63.0 639.7 90.6 77.2 100.6 40.8 54.1 83.4 614.3 122.3 89.3	69.5 269.1 680.1 977.9 128.0 202.6 69.1 677.6 109.5 44.3 58.5 89.9 645.8 124.5 95.1	75.6 270.0 735.5 1,014.7 151.2 212.1 69.1 713.2 104.4 87.0 117.8 48.2 62.6 101.0 687.9 125.2 100.3	82.7 279.1 781.1 1,059.4 187.2 231.0 72.7 748.1 110.9 89.4 123.4 49.7 65.3 111.4 720.3 133.5 106.2	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 123.79 105.48 101.77 101.23 102.63 101.86 102.88 96.99 108.35 107.06 101.18 98.78	109.27 99.68 111.07 109.59 136.26 108.98 108.11 104.28 108.10 103.37 112.49 111.48 102.36 97.33 106.30	115.94 114.80 100.23 117.52 112.43 117.52 112.43 114.66 106.46 112.07 108.61 113.14 110.57 116.24 120.62 105.28 94.68 106.14	117.0 100.9 124.8 115.8 193.9 118.3 106.9 108.5 114.8 108.5 115.3 109.5 115.7 128.4 107.6 97.4
48 49 50 51 55 55 55 55 55 55 55 55 55	Wholesale trade Retail trade Finance, Insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance agents, brokers, and service Real estate Nonfarm housing services Other real estate Holding and other investment offices Services Hotels and other lodging places Personal services Business services Auto repair, services, and parking Miscellaneous repair services Motion pictures Amusement and recreation services Health services Legal services Educational services Social services Social services Membership organizations Other services Private households Statistical discrepancy ¹ Government Federal General government Gevernment enterprises State and local	85.5 73.5 93.9 93.9 93.9 93.9 94.9 75.5 88.8 88.7 88.7 88.7 88.8 88.7 88.8	274.5 625.2 916.1 118.0 191.2 63.0 639.7 100.6 40.8 54.1 83.4 614.3 122.3 89.3	69.5 269.1 680.1 977.9 128.0 202.6 69.1 677.6 109.5 44.3 58.5 89.9 645.8 124.5 95.1	75.6 270.0 735.5 1,014.7 151.2 212.1 169.1 713.2 104.4 87.0 117.8 48.2 62.6 101.0 687.9 125.2 100.3	82.7 279.1 781.1 1,059.4 187.2 231.0 72.7 748.1 110.9 89.4 123.4 49.7 65.3 111.4 720.3 133.5 106.2	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 123.79 105.48 101.77 101.23 102.63 101.86 102.88 96.99 108.35 107.06 101.18 98.78 102.85	109.27 99.68 111.07 109.59 136.26 108.98 108.11 104.28 108.10 104.36 108.10 111.49 111.48 102.36 97.33 106.30	115.94 114.80 100.23 117.52 112.43 157.48 111.93 104.66 106.46 112.07 108.61 113.14 110.57 116.24 120.62 105.28 106.14	117.0 100.9 124.8 115.8 193.9 118.3 106.9 108.5 114.8 108.5 115.3 109.5 115.7 128.4 107.6 97.4
48 49 50 51 55 55 55 55 55 55 56 66 66 66 66 66 67 71 72 73 74 75 76 77 78 79 80 79 79 79 79 79 79 79 79 79 79 79 79 79	Wholesale trade Retail trade Finance, insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance agents, brokers, and service Real estate Nonfarm housing services Other real estate Holding and other investment offices Services Hotels and other lodging places Personal services Business services Auto repair, services, and parking Miscellaneous repair services Motion pictures Amusement and recreation services Legal services Educational services Social services Social services Membership organizations Other services Private households Statistical discrepancy¹ Government Federal General government Government enterprises	85.5 73.5 93.9 93.9 93.9 93.9 94.9 75.5 88.8 88.7 88.7 88.7 88.8 88.7 88.8	274.5 625.2 916.1 118.0 191.2 63.0 639.7 90.6 77.2 100.6 40.8 54.1 83.4 614.3 122.3 89.3	69.5 269.1 680.1 977.9 128.0 202.6 69.1 677.6 109.5 44.3 58.5 89.9 645.8 124.5 95.1	75.6 270.0 735.5 1,014.7 151.2 212.1 69.1 713.2 104.4 87.0 117.8 48.2 62.6 101.0 687.9 125.2 100.3	82.7 279.1 781.1 1,059.4 187.2 231.0 72.7 748.1 110.9 89.4 123.4 49.7 65.3 111.4 720.3 133.5 106.2	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	106.96 100.95 104.81 104.31 123.79 105.48 101.77 101.23 102.63 101.96 102.88 96.99 108.35 107.06 101.18 98.78 102.85	109.27 99.68 111.07 109.59 136.26 108.98 108.11 104.28 108.49 104.36 108.10 103.37 112.49 112.36 97.33 106.30	115.94 114.80 100.23 117.52 112.43 117.52 112.43 111.93 104.66 106.46 110.57 110.57 110.57 110.52 105.28 94.68 108.14	124.9 117.0 100.9 124.8 115.8 193.9 118.3 106.9 108.3 115.3 109.2 115.7 128.4 107.8 97.4 111.6

^{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

			Billions	of current of	loilars		C	nain-type qu	antity indexes	(1992=100))
Line		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
5	Agricultural services, forestry, and fishing	107.2 4.9	113.5 5.3	119.4 3.5	124.4 5.5	130.6 5.7	100.00 100.00	103.98 104.25	107.06 66.69	109.76 101.30	109.50 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 8	Metal mining	5.9 15.4	5.6 13.6	6.1 14.7	6.4 14.5	5.5 14.6	100.00 100.00	96.03 88.96	99.91 95.55	99.39 93.00	85.44 93.21
9	Oil and gas extraction	40.5 5.9	40.2 6.2	35.3	29.2 6.7	42.9 6.9	100.00	97.33 101.87	88.32 103.99	72.11	88.85
10	Nonmetallic minerals, except fuels	ĺ		6.4						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 13	Manufacturing	1,897.6 937.0	1,980.1 997.9	2,097.2 1,091.1	2,263.7 1,182.4	2,367.7 1,242.5	100.00 100.00	103.53 105.38	107.84 112.84	111.69 119.69	117.03 128.67
14 15	Lumber and wood products	52.3 27.0	62.8 28.5	68.2 31.2	67.9 33.6	66.5 37.0	100.00 100.00	106.40 101.78	112.36 107.81	112.54 111.85	109.08 122.17
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 18	Primary metal industries	99.1 94.8	100.7 99.0	114.9 104.5	127.7 113.4	122.9 114.2	100.00 100.00	102.62 103.40	109.80 105.29	111.95 107.05	110.66 109.57
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	111.6 182.8	114.0 193.5	129.0 225.2	160.9 236.2	172.2 246.7	100.00 100.00	102.33 104.80	115.11 119.88	145.26 123.00	164.79 128.01
22	Motor vehicles and equipment	92.6	92.8	83.4	82.1	93.3	100.00	98.79	87.31	84.07	95.33
23 24	Instruments and related products Miscellaneous manufacturing industries	76.7 21.1	82.9 23.2	85.7 24,4	87.3 25.9	91.0 29.8	100.00	108.65 108.73	112.63 110.90	118.02 112.30	132.89 129.21
20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	Nondurable goods	960.6	982.2	1,006.1	1,081.3	1,125.2	100.00	101.72	102.94	103.87	105.79
26 27	Food and kindred products	296.2 21.6	309.5 18.4	311.0 19.0	319.3 20.7	337.5 21.6	100.00 100.00	101.94 84.87	102.05 86.24	101.68 88.54	104.62 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 30	Apparel and other textile products Paper and allied products	43.7 86.1	45.6 84.5	47.8 90.6	49.5 111.7	48.5 103.4	100.00	103.15 97.58	106.95 101.51	107.15 109.66	104.21
31	Printing and publishing	90.3 179.0	96.0	94.7	107.3 197.1	113.4	100.00 100.00	105.63	102.50 98.92	104.59 100.11	112.58
33	Chemicals and allied products	119.8	182.4 112.0	185.2 111.7	119.1	205.4 146.9	100.00	100.37 100.64	103.87	101.84	102.87 107.61
34 35	Rubber and miscellaneous plastics products Leather and leather products	74.1 4.7	79.9 5.3	89.2 4.7	97.5 3.6	92.5 3.7	100.00 100.00	106.20 110.96	114.77 96.39	115.39 70.94	111.09 72.15
	·	l	i		l	· · ·					}
36 37	Transportation and public utilities		***************************************								
38 39	Railroad transportation Local and interurban passenger transit	10.9 5.0	11.5 5.6	11.6 6.0	13.1 5.9	14.3 5.8	100.00 100.00	102.55 111.96	101.63 119.65	112.49 114.54	117.36
40	Trucking and warehousing	85.8	91.3	101.0	108.3	125.6	100.00	106.38		119.56	132.00
41 42	Water transportation	49.8	52.4	52.9	56.9	53.2	100.00	104.70	105.29	110.55	96.88
42 43 44	Pipelines, except natural gas	3.5	3.4	4.0	3.4	4.0		93.01	108.58	89.00	102.78
45	Communications	86.5	87.7	92.3	102.9	118.7	100.00	101.90		124.84	142.27
45 46 47	Telephone and telegraph	58.8 27.7	62.2 25.5	65.3 27.0	74.8 28.1	86.6 32.1	100.00 100.00	107.36 90.34		139.50 94.04	160.31 104.45
48	Electric, gas, and sanitary services	90.2	91.7	75.0	68.0		100.00	98.07	79.40	73.87	68.23
49	Wholesale trade	179.4	201.9	212.1	251.0	1	100.00	110.09	ı	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 52	Finance, insurance, and real estate Depository institutions										***************************************
53	Nondepository institutions		***************************************		***************************************						
54 55	Security and commodity brokers	46.6 81.1	84.7	49.5 93.8	71.7 85.6	97.1 94.4	100.00	100.73	108.55	96.08	102.91
56 57	Insurative agents, brokers, and service	20.1			21.9	~~ ~@2.3	11.00.00	104.08	113.38	100.37	99.6
58	Nonfarm housing services	61.8			70.5	74.8					111.90
59 60	Other real estate			***************************************	***************************************			***************************************		***************************************	
61	Services										
62	Hotels and other lodging places	34.6		40.4 35.8	43.7 40.4	47.1 40.3	100.00 100.00				
63 64 65 66 67	Business services					.]					
65 66	Auto repair, services, and parking	42.8 22.4	46.4 21.8		56.7 27.5						
67	Motion pictures	29.2	30.7	35.5	36.6	35.4	100.00	103.09	114.64	113.98	105.4
68 60	Amusement and recreation services								132.91 106.22		
70	Legal services	28.5	30.7	30.7	28.7	33.5	100.00	105.34	\$L 103.35	93.90	107.3
71 70	Educational services		40.5	42.8	45.2	48.0		102.96		109.32	
73	Membership organizations			***************************************						1	
68 69 70 71 72 73 74 75	Other services										
76	Statistical discrepancy 1	1							1		
77	Government		l					l]	
							1				
78 79	General government										: ::::::::::::
80						.]			.		.
81	State and local			***************************************				.		(.
82 83	General government										
	<u> </u>					1	1		1	1	1

Equals GDP measured as the sum of expenditures less gross domestic income.
 NOTE.—Estimates are shown only for industries for which the double-deflation method is used to estimate real GPO. (See footnote 14 in the text.)

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

Make, Use, and Supplementary Tables

By Ann M. Lawson

THIS ARTICLE is the first of two articles that present the 1992 benchmark input-output (I-O) accounts for the U.S. economy. The second article will be published in the December 1997 SURVEY OF CURRENT BUSINESS. 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 1-0 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 1-0 accounts. The 1992 1-0 estimates are presented in this article in summary form; that is, they are aggregated to 97 1-0 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 1-0 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 1-0 Accounts

In response to user needs—as expressed, for example, by the interagency Working Group on the Quality of Economic Statistics—the Bureau of Economics Analysis (BEA) implemented a program to speed up the availability of benchmark I-0 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-0 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-0 accounts have met this goal.⁶

Source data and procedures

The benchmark 1-0 accounts are based primarily on data collected from the economic censuses conducted every 5 years by the Bureau of the

^{1.} Earlier benchmark 1-0 accounts covered 1947, 1958, 1963, 1967, 1972, 1977, 1982, and 1987. The 1987 1-0 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 1-0 tables: Commodity-by-industry direct requirements per dollar of industry output; commodity-by-commodity total requirements, direct and indirect, per dollar of delivery to final use; and industry-by-commodity total requirements, direct and indirect, per dollar of delivery to final use.

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

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

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

^{6.} The 1987 benchmark 1-0 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 1-0 accounts. To speed up the availability of the 1987 1-0 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 1-0 accounts enabled BEA to more quickly turn its resources towards preparing a complete set of benchmark accounts for 1992.

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

In preparing the 1992 benchmark 1-0 accounts, BEA first estimated industry and commodity outputs for the 1-0 make and use tables. The industry and commodity outputs are represented by the shaded cells in the 1-0 make table, shown in the upper panel of chart 1, and in the 1-0 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 1-0 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 (1-0) 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 1-0 industries) and at the six-digit level (498 1-0 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 (s1c) basis. The sixdigit "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
(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

					COMMODITIE	S					TOTAL
		Agricultural products	Minerals	Construction	Manufactured products	Transpor- tation	Trade	Finance	Services	Other*	TOTAL INDUSTRY OUTPUT
	Agriculture										
	Mining										
	Construction										
ĺ	Manufacturing										
INDUSTRIES	Transportation										
	Trade										4
l	Finance										1
Ī	Services										
	Other*										
TOTAL COM	MODITY OUTPUT										

USE TABLE: COMMODITIES USED BY INDUSTRIES AND FINAL USES

					ı	INDUSTF	IES							FINAL US	ES (GDI	P)			
		Agricul- ture	Mining	Construc- tion	Manufac- turing	Transpor- tation	Trade	Finance	Services	Other*	Total inter- mediate use	Personal consumption expenditures	Gross private fixed investment	Change in business inventories	Exports of goods and services	Imports of goods and services	Government consumption expenditures and gross investment	GDP	TOTAL COMMODITY OUTPUT
	Agricultural products																		
	Minerals								L	l									
	Construction																		
	Manufactured products																		
	Transportation																		
COMMODITIES	Trade																		
CAMMODITIES	Finance																		
	Services																		
	Other*													L.			<u> </u>		
	Noncomparable imports																		
	Total inter- mediate inputs																		
	Compensation of employees																		
VALUE ADDED	Indirect business tax and nontax liability												2 1	_		DITY OU			
ADDED	Other value added**													-		OUCT OF BY OUTP	THE INDUS	STRY	
	Total													-					
TOTAL INDU	STRY OUTPUT					9:4				. M									

^{*} 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."

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

[&]quot;"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. 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

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 (1-0) 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. Two methods are used to prepare the 1-0 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.

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

^{1.} Supplementary tables D and E show the 1-0 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. 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. Also included are the improved estimates of contributions by the Federal Government to the retirement programs of civilian

employees and military personnel in employee compensation.¹⁰

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

- Expansion of industry detail for construction:
- Expansion of detail for service-producing industries in the detailed 1-0 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

Acknowledgments

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

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

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

In addition, the 1992 1-0 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 1-0 accounts by the staff of the Department of Transportation. Where feasible, BEA incorporated suggested improvements from this review into the 1992 1-0 accounts.

Major statistical changes.—The 1992 1-0 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 1-0 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 1-0 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 1-0 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 1-0 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. 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. For example, the *industry* "newspapers and periodicals" (row 26A in table 1) is the primary producer of the commodity "newspapers and periodicals" (column 26A in table 1). This industry is also a secondary producer of the following commodities: Other printing and publishing (column 26B); scientific and controlling instruments (column 62); advertising (column 73D); and scrap, used and secondhand goods (column 81). The sum of all the entries in the row is the total output of that industry.

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

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

^{12.} The staff of BEA and of the Bureau of Transportation Statistics of the U.S. Department of Transportation are developing a set of transportation satellite accounts for the United States, which are tentatively scheduled for release next year. These accounts will be based on the 1992 benchmark 1-0 accounts.

^{13.} Estimates of purchases of 1-0 commodities in purchasers' prices can be derived by adding transportation costs and wholesale and retail trade margins

to the values in producers' prices. These estimates are shown in table C for all 1-0 commodities included in NIPA final demand; in table D, for all 1-0 commodities included in personal consumption expenditures; and in table E, for all 1-0 commodities included in producers' durable equipment.

^{14.} In the designation that is used for 1-0 tables, the content of the rows is referred to first, and that of the columns, second. For example, in a "commodity-by-industry" table, the commodities are in the rows, and the industries are in the columns.

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

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

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

"scientific and controlling instruments" (row 62) produced \$100.5 billion or about 93 percent of the total commodity output.

The estimates of industry and commodity total output are based primarily on data from the quinquennial economic censuses conducted by the Bureau of the Census. (Table A shows the principal data sources used to estimate industry and commodity outputs for the 1992 1-0 accounts.) Economic census data are used for

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

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

most industries, but data from other Government agencies and private sources are used for the 1-0 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 First, it adds estimates of the census data. 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 1-0 classification system in order to attain greater similarity in the input structures for commodities produced by an 1-0 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 1-0 accounts, GDP can be measured either as the sum of all final uses of commodities or as the sum of value added by industries.

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

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

^{17.} Estimates of industry value added, referred to as "gross product originating," are provided in Sherlene K.S. Lum and Robert E. Yuskavage, "Gross Product by Industry, 1947-96" in this issue. A comparison of the GPO estimates with those from the 1992 1-0 accounts is presented in "Note on Alternative Measures of Gross Product by Industry."

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

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

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

The estimates of intermediate inputs in the use table are primarily based on data from the economic censuses. Much of these data are for broad expense categories, such as office supplies, that must be allocated to 1-0 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 1-0 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

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

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

I-O Input-output

^{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.

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 1-0 accounts

The 1-0 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 1-0 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 1-0 accounts as an economic tool for analysis.

Analytical uses.—The 1-0 accounts are an important analytical tool because they show the interdependence among the producers and consumers in the economy. Using the 1-0 accounts, analysts can estimate the direct and indirect effects of changes in final uses on industries and commodities.

For example, the 1-0 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 1-0 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 1-0 accounts for such studies.

When the 1-0 accounts are augmented with regional data by BEA, they can show economic effects by region. For example, the regional 1-0 accounts can be used to estimate the potential impact of a planned Federal Government shutdown of a military base.20 When the 1-0 accounts are augmented with international data, they can be used to estimate the effects of exchangerate changes on the profitability and activities of manufacturing industries that rely on imported inputs.21

Analysts using the 1-0 tables to estimate the effects of changes in final uses on industries and commodities need to be aware of the underlying 1-0 assumptions. For example, the 1-0 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 1-0 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 1-0 accounts—provide the benchmarks for the NIPA'S.

The benchmark 1-0 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 1-0 accounts as weights in compiling industry price indexes.

^{19.} In an open economy, the production effects are likely to be reflected as an increase in both domestic production and imports. To separate the effects on domestic production from those on imports, analysts generally use a special set of 1-0 tables that includes an import matrix that identifies the intermediate purchases by producers that are obtained from foreign sources.

^{20.} Estimates of regional economic effects derived from BEA's Regional Input-Output Modeling System are based mainly on two data sources: The U.S. benchmark 1-0 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 11), Third Edition (Washington, DC: U.S. Government Printing Office,

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

Definitions and conventions for classification

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

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

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

Redefinitions result in the shift of output and inputs related to the secondary activities of some establishments to the sic industries in which they are primary activities. (A primary activity must make up the largest proportion of the establishment's output; all the other activities are secondary.) The 1-0 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 1-0 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 1-0 accounts. Redefinitions had a significant effect on the following industries: Automotive repair and services (1-0 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 (1-0 industry 74) has \$280.7 billion in total output after \$1.0 billion was removed and \$45.6 billion was added; wholesale trade (1-0 industry 69A) has \$569.0 billion in total output after \$51.0 billion was removed and \$31.0 billion was added; and retail trade (1-0 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 1-0 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 1-0 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 1-0 accounts, general government (1-0 82), covers all other government establishments and is similar in scope to s1c 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 1-0 system also includes a special industry for the inventory valuation adjustment (1-0 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 1-0 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 1-0 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 1-0 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" (1-0 26A) has \$19.9 billion in total commodity output after \$35.4 billion was moved to the advertising commodity (1-0 73D).

In several cases, there is no 1-0 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 1-0 commodity number that corresponds to the 1-0 industry that is the largest producer of the commodity. As a result, the following detailed 1-0 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 27.0202); cold-rolled

Text continues on page 55.

^{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,

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		Persona	consump	otion expen	ditures	Gross	private fix		tment	Change	in busin		tories	Expo	rts of goo		rvices
Com- modity number	Commodity description	Produc- ers' prices	Trans- porta- tion costs	Whole- sale and retail trade margins	Pur- chasers' prices	Produc- ers' prices	Trans- porta- tion costs	Whole- sale and retail trade mar- gins	Pur- chasers' prices	Pro- ducers' prices	Trans- porta- tion costs	Whole- sale and retail trade mar- gins	Pur- chas- ers' prices	Produc- ers' prices	Trans- porta- tion costs	Whole- sale and retail trade mar- gins	Pur- chasers' prices
1 2	Livestock and livestock products	3,709 19,531	101 3,547	1,290 17,859	5,100 40,937					857 4,035	1 29	-1 50	857 4,114	800 16,116	15 1,516	3,740	818 21,372
3	Forestry and fishery products Agricultural, forestry, and fishery services	3,085 729	18	846	3,949 729					-45		-1	-46	2,880 61	36	317	3,233
5+6	Metallic ores mining	68	28	69		50	20	1	71	-24 -3	-1 8	3	-22 9	1,104	53	16	1,173
8	Coal mining Crude petroleum and natural gas				165	23		•••••••	23	-105	17	4	-84	3,122 3,290	1,095 294	88 66	4,305 3,650
9+10 11	Nonmetallic minerals mining	39	47	23	109	339,916			339,916	25	-28	-3	-6	686	494	6	1,186
12 13	Maintenance and repair construction	1,473	6	1,023	2,502	20,362 29			20,362 29	-1,855		-3	-1,858	77 3,592	23	43	77 3,658
14 15	Food and kindred products Tobacco products	248,010 30,395	6,759 181	133,135 17,432	387,904 48,008					150 2,137	39 12 18	-71 126	118 2,275	19,630 5,874	841 25 30	1,791 275 169	22,262 6,174
16 17	Broad and narrow fabrics, yarn and thread mills	1,683 5,578	39 242	2,403 5,150	4,125 10,970	2,343	107	895	3,345	477 19	6	126 40 12 494 56 171	535 37	2,359 1,724	30 66 8	169 172	2,558 1,962
18 19	Apparel	80,934 11,189	627 99	86,794 9,872	168,355 21,160					3,897 470	40 2	494 56	4,431 528 945	4,065 810	8 4	172 498 87	4,571 901
20+21 22+23	Lumber and wood products	2,529 21,623	67 163	2,559 19,848	5,155 41,634	4,661 16,091	182	1,340 3,930	6,001 20,203	663 185	111 4	171 13	945 202	5,965 2,633 8,567	467 19	749	7,181 2,938
24 25	Paper and allied products, except containers	14,921 381	389	7,314 262	22,624 643					771 277	65 18	13 87 40	202 923 335	8,567 691	710 32 39	286 635 47	9,912 770
26Ā 26B	Newspapers and periodicals Other printing and publishing	14,339 15,282	653 790	6,018 13,733	21,010 29,805					-62 753	3	135	-59 933 834	653 2,984	39 57	94 349	786 3,390
27A 27B	Industrial and other chemicals Agricultural fertilizers and chemicals	2,154 920	311 48	1,724 690	4,189 1,658	1,957		**********	1,957	729 -153	45 60 -7	45	834 -194	17,292	1,233	l 1.060 l	19,585 4,332
27B 28 29A	Plastics and synthetic materials	43,864	242	25,022	69,128				***************************************	239	-7 22 10	-34 8 115	269 1,417	3,341 8,477 7,272	993	886 357 1,016	9,827 8,310
29A 29B 30	Drugs Cleaning and toilet preparations Paints and allied products	30,098 480	1,167 32	19,323 226	50,588 738		***********		**********	186 42	27 5	71	284	2,591 745	993 22 73 43	300 106	2,964 894
31	Petroleum refining and related products	53,355	3,105	59,579	116,039	215	10	52	277	46 995	24 139	26	56 96 1,336	9,084	555	858 1,146	10,497
33+34	Rubber and miscellaneous plastics products	15,051 16,491	2,754 135 43	18,831 17,686	36,636 34,312					331 185	2	202 53 23 6	386	1,464	555 553 24 46	l 103 l	8,604 1,591
35 36 37	Glass and glass products	979 2,570	104	1,158 3,002	2,180 5,676			**********		-196	10 -11	6	218 -201	1,544 1,713	I 160	225 158	1,815 2,031
38	Primary iron and steel manufacturing Primary nonferrous metals manufacturing	36 71	3	36 53	79 127	16 52	1	8	16 61	-339 -392	16 20	15 7	-308 -365	3,505 6,379	134 118	394 775	4,033 7,272
39 40	Metal containers	326	12	229	567	38 3,612	1 26	3 387	42 4,025	10 -110	-3	6	10 -107	341 2,061		25 203	373 2,283
41 42	Screw machine products and stampings Other fabricated metal products	1,345 4,266	16 136	3,979	2,870 8,381	2,415	108 48	434 75	2,957	217 67	5 14	49 40 - 6	271 121	2,171 4,849	28 161	269 794	2,468 5,804
43 44+45	Engines and turbines	169 400	3 7	45 510	8,381 217 917	3,271 17,803	915	75 6,709	3 394	-184 277	1 34	-6 158	-189 469	5,419 9,002	631	292 2.356	5,791 11,989
46 47	Materials handling machinery and equipment	687	4	960	1,651	5,743 17,652	184 338	1,298	7,225 20,619	-41 18	- 1	158 -12 9	-189 469 -54 35	1,302 3,686	41 51	287	1,630 4,181
48 49	Special industry machinery and equipment General industrial machinery and equipment	237	2	227	466		184 338 332 156 15	6,709 1,298 2,629 2,433 1,221	19,585 12,677	-106 -80 -59	2	-4 -8	1 –110	1 4.510	I 63	25 203 269 794 292 2,356 287 444 574 873	5,147 8,814
50 51	Miscellaneous machinery, except electrical Computer and office equipment	136 5,368	7 64	109 3,838	252 9,270	700 36,169	15 441	91	เอบธ	-59 -1 241	11	-6 -77	-86 -54 -1,319	7,834 1,962 22,925	1 9/	1 221	2,280 26,860
52 53	Service industry machinery Electrical industrial equipment and apparatus	910 200	16	684	1,610 392	7,376 6,826	112	8,331 1,878 1,078	9,366 8,091	-1,241 165 77	1 12	40 31	206	3,320	44	629 663	3,993 4,798
54 55	Household appliances Electric lighting and wiring equipment	13,100 2,023	623 99	7,869 2,624	21,592 4,746	2,668	121	1,475	4,264	-96 141	25	4 84	-67 244	2,329	95	214	2,638 3,413
56 57	Audio, video, and communication equipment Electronic components and accessories	21,682 216	301	14,852	36,835 330	24,513	176	3,122	27,811	374 -51	25 19 22 2 12 30 -3 -19 4 6	49 12	445	9,551	239 44 52 95 74 90 120 129 423 483 279 23 67	214 500 1,062 2,075 1,058 568 1,725 435 109	10,703 18,345
58	Miscellaneous electrical machinery and supplies	6,298 105,552	332 2,844	5,859	12,489 126,690	2,058 75,132	2 028	397 8,916	2,497 86,076	-149	12	14 45	-123 1,189 -227 -8,060	5,702	129	1,058	6,889 17,327
59A 59B	Motor vehicles—passenger cars and trucks	4,277 465	132	3,318	7,727	4,981 13,676	65	361	5,407 13,799	-220	33	-30	-227	16,995 40,656	483	1,725	19,203
60 61	Aircraft and parts	11,958 5,479	86 33	57 4,277 5,047	16,321 10,559	4,741	90 258	358 5,651	5,189	-298	4	7	-287	3,354 17,864	23	109 2,120	41,370 3,486
62 63	Scientific and controlling instruments Ophthalmic and photographic equipment	6,240	_37	9,019	15,296	6,915	53	3,113	10,081	368	7		531	3,453	13	1,134	20,051 4,600
65A	Miscellaneous manufacturing	36,410 16,447	 		80,715 16,447		596	1,673	7,634	765		189	988	. 633		1,182	5,746 633
65B 65C	Motor freight transportation and warehousing	6,238 4,975		***************************************	6,238 4,975			***************************************		***************************************				1,981 9,182	2		1,981 9,182
65D 65E	Air transportation	33,929 2,814			33,929 2,814	1								21,745			21,745 2,528
66 67	Communications, except radio and TV	90,397			90,397									3,596	.		3,596
68A 68B	Electric services (utilities)	79,337 29,537			79,337 29,537									. 267	'		267 337
68C 69A	Water and sanitary services	20,464			20,464									2,812			65 2,812
69B 70A	Retail trade	313 198,007	·		316 198,007									. 17,142	2		20 17,142
70B 71A	Insurance	138,181 457,250			138,181 457,250									1,685	.		1,685
71B 72A	Real estate and royalties Hotels and lodging places	166,640 29,881		1,994	168,634 29,881	28,407	'		28,407					. 20,683			20,683 48
72B 73A	Personal and repair services—except auto Computer and data processing services	65,602 2,444	2	. 8	65,610)			3,441			-2		. 42	2		42 3,092
73B 73C	Legal, engineering, accounting, and related services	45,781 20,917		814	45,781	15,788	i		15,785					. 5,013 . 5,67	3		5,013 5,677
73D 73D 74	Advertising Eating and drinking places	676 242,151	i		676	3			.					1 50	1	1	531
75	Automotive repair and services	90,099 78,466		165 1,552	90,264 80,019	۱			:	. 4		2		6 3	4		328 34
76 77A	Health services	611.328	۱		611,328	3				.				1 45	6		4,289 26 450
77B 78	Federal Government enterprises	225,749 6,881	<u> </u>		225,749 6,88	[.							18		:	450 188
79 80	State and local government enterprises	22,489 33,009			22,489 33,009	9	.			.			.				
81 82	Scrap, used and secondhand goods	17,187	.			.		4,510	25,783			96	1,65			2 1,591	8,015
83 84	Rest of the world adjustment to final uses	-66,481 10,087	,		-66,48 10,08	1	.								5		67,325
85	Inventory valuation adjustment	3,551,945	.				.	62,52	790,99	7,982 1 1,8 16		2,658	-7,98 5,43	2 0 546,70	7 13,98	8 41,914	602,609
	100	3,551,540	1 -1,100	1 0=0,000	1 -,200,7 10	1 . 2 .,0 !	. 0,002	02,02	1.30,33	1,010	330	2,000	3,73	5 540,70	. 10,30	71,914	002,009

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

f dollars]			······											emment consumption State and local government consumption expenditures and gross investment, other						
Import	s of goods	and service	es	Federa expenditure	s and gro	nent consun ss investme ense	nption nt, national	Federa expend	litures and	nent consum gross inves efense	nption stment,	State and expend	itures and	ernment con gross inves cation	sumption tment,	State and expenditu	local gov res and gr	ernment cor oss investm	sumption ent, other	
Producers' prices	Trans- porta- tion costs	Whole- sale and retail trade margins	Pur- chasers' prices	Producers' prices	Trans- porta- tion costs	Whole- sale and retail trade margins	Pur- chasers' prices	Produc- ers' prices	Trans- porta- tion costs	Whole- sale and retail trade margins	Pur- chasers' prices	Produc- ers' prices	Trans- porta- tion costs	Whole- sale and retail trade margins	Pur- chasers' prices	Produc- ers' prices	Trans- porta- tion costs	Whole- sale and retail trade margins	Pur- chasers' prices	Com- modity number
-2,061 -6,860			-2,061 -6,860	2			2	5 -358	-28	3	5 -383	40 297	73	70	40 440	154 643	95	16 92	170 830	
-5,659 -21			-5,659 -21	-1 19			-1 19	-1,168 20			-1,168 20	9 377		1	10 377	-516 1,310		1	-515 1,310	
1,488 -133 -43,984		***************************************	1,488 -133 -43,984	-148 1	-17	-5 	-170 1	28 202	12 -40	-10	41 -252	28	4		32	20	1		21	5+
-898	***********	***************************************	-898	-3 5,234	-4		-7 5,234	5 10,569	4		9 10,569	20,251		***************************************	20,251	58 80,809	161	-2	217 80,809	9+1 1
-809			-809	6,649 16,479	51 3	52	6,649 16,582	3,780 2,698			3,780 2,698	6,802			6,802	25,263 145	1	7	25,263 153	1
-21,850 -1,587 -4,397	***********		-21,850 -1,587 -4,397	269 51		29	301 58	195 12		29	231	4,061 -1 73	89	515 5	4,665 -1 79	4,593 -19 143	108 -1 2	1,053 -1 9	5,754 -21 154	1 1
-1,879 -38,484	************		-1,879 -38,484	3 505	4	73	582	46	1	4	51 1	18 6		Ĭ	19 7	57 1,085	2 1 7	11 154	69 1,246	
-2,870 -7,143			-2,870 -7,143	150 14	4	18	172 14	56 17		6	62 17	67 75	6	17	73 98	379 101	7 3 2 2 89 89	46 9	428 112	20+2
-6,026 -10,715 -247	***************************************		-6,026 -10,715 -247	10 98 40	1	10	11 109 42	188 601 51	16	34 47 3	222 664 55	1,601 1,654 39	113	329 177	1,938 1,944 43	1,065 1,606 159	89	340 161	1,407 1,856 180	22+2
-199 -1,783			-199	12 290	2	1	13 308	99 706	5 27	ا و	113 815	406 4,346	23 146	53 502 500	482	246 2,124	i 8	13 24 172	278 2,323 3,076	20+2 22+2 26 26 27 27 27 29 29
-14,375 -2,330 -3,827			-1,783 -14,375 -2,330	3,109 8	88	16 35 1	3,232 9	1,159 19	32	82 26 2	1,217 21	826 146	45 5	50 50	4,994 921 201	2,711 354	27 180 16	172 185 96	3,076 466	27
-13,193			-3,827 -13,193	365 126	1 2 2	58	12 425	165		6	6 171 74	1 119		18 38	1 137	4,817	28	760	5,605	29
-2,052 -200 -11,582			-2,052 -200 -11,582	2,771	137	287	3,195	54 6 338	4 14	16 1 29	7	136 296 5,385	9 19 240	47 506	183 362 6,131	592 116 6,683	28 7 309	101 18 625	721 141 7,617	2
-13,253 -12,824			-13,253 -12,824	423 41	62	77	562 48	202 4	15	29 39	381 256 4	110	19	18	147	1,802 160	309 125 3	625 349 9	2,276	33+3
-2,159 -4,551			-2,159 -4,551	16 30	4	1 3	17 37	151 64	2	1 12	152 78	73 80	1 2	7 9	81 91	309 100	3 5	34 12 9	346 117	3
-10,893 -10,228 -201		***************************************	-10,893 -10,228	221 84	22 1	8 5	251 90	9 158		15	10 174	5	2 1	1	10 6 5	80 73	30 30	9	98 107	
-1 008		***************************************	-201 -1,008 -2,628	15 342 122	11	اۋ ا	16 362 155	335 71	3	23 5	361 76	5 39	***************************************		43	5 11 87		1 11	5 12 98	
-2,628 -8,510 -2,413 -4,754			-8,510 -2,413	426 677	8 8	32 72 11	155 506 696	208 287	12	31	251	452 96	29	75 9	556 105	1,039 294	53	176	1,268 310	
-4,754 -1,468			-4,754 -1,468	473 50	28 2	l 101 '	602 69	33 15	1	3 5 4	294 39 19	86 9	3	28 3	117	1,577 6	94	14 342 1	2,013 7	44+4
-1,468 -5,127 -5,881 -7,796 -1,895 -32,687 -2,243 -5,295 -4,072 -4,985 -4,985 -20,574 -8,062 -68,285 -21,743			-5,127 -5,881 -7,796	24 23 244	1	17 2 4	27 27	40 135 48		1	40 136 50	222 249 147	5 2 1	28 3 36 38 7	12 263 289 155	178 7	1	. 1	201 8	33 + 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
-7,796 -1,895 -32,687			-1,895 -32,687	584	25 13	35 21 179	283 630 1,377	267 1,679	14	2 17 189	298 1,877	170	10 17 8	9 501	189	338 92 1,962 479	3 12 3	37 3 433 112 91 6	378 98 2,407 594 551 76 439 431 163 178 4,798	5
-2,243 -5,295			-2,243 -5,295	1,185 100 502	1 3	10 52 1	111 557	57 300	ľ i	189 12 66	70 370	1,969 698 257	8	501 172 30 10	2,487 878 291	1 449	3	112	594 551	5
-4,072 -4,985	*************		-4,072 -4,985	31 227	1	8	32 236	112	2 7	39 62 11	153	257 136 393	7	10 146	291 150 546	70 331	3	105	76 439	5
-25,409 -20,574			-25,409 -20,574 -8,062	5,904 1,660 1,196	16 18	107 77 165	6,027 1,737 1,379	1,628 260 251		11	1,697 271 271	314 81 283	1	146 24 6 64	339 87 351	407 156 151		105 24 7	163 179	
-58,285 -21,743			-58,285 -21,743	1,579 417	43	165 58 20 205 41	1,680 445	260 251 525 422 1,575	14	20 18 2 3	557 428	1,364 669	36 16	48	1,448 754	4,523 1,001	113	25 162 106	4,798 1,127	59
-12,153 -2,693			-12,153 -2,693	35,971 8,638	170 26		36,346 8,705	203	1	1 1	1,582 204	218	8	16	242	45 694	10	13	45 717	
-14,773 -8,153			-14,773 -8,153 -23,335	21,840 1,258	114 3	1,096 172 52	23,050 1,433 215	4,293 77 –127	12	279 16	4,584 93 -168	561 1,102 1,271	8 73	54 403	616 1,513 1,769	3,702 1,896		718	4,108 2,623	
-23,335 -164 -2.059	***************************************		-164 -2,059	576 3,892			576 3,892	235 869			235 869	3,578 193		425	3,578 193	999 365 300	25	300	1,324 365 300 224	65
-2,059 3,530 -8,544	***********		3,530 -8,544	1,479 2,442			1,479 2,442	91 577			91 577	871			871	224 2,016		***************************************	2,016	65 65
***************************************				1,471			1,471	1,848	***************************************	***************************************	1,848	3,585			3,585	102 4,905	1	***************************************	102 4,905	65
-695		***************************************	-695	1,949 346			1,949 346	502 152			502 152	5,534 2,023			5,534 2,023	9,933 1,622	***************************************		9,933 1,622	68
18,317			18,317	495			495	541 15			541 15	1,395	***************************************		1,395	253			253	69
-265		***************************************	-265			***************************************	17	1,030		***************************************	1,030					11,106	************		11,106	69
-1,136 -11			-1,136 	512		***************************************	512	2,280 3,179		***************************************	2,280 3,179	351 806		***************************************	351	181	***************************************	***************************************	181	71
-11 				967 51		***************************************	967 51	149			149	-2,697 1,060		***********	806 -2,697 1,060	9,226 3,328 1,664			9,226 3,328 1,664	72
-225 -839			-225 -839	7,913 3,126		60	7,973 3,126	8,806 607		24	8,830 607	2,003 1,908		17	2,020 1,908	6,876 2,080		71	6,947 2,080	73
-1,632 -615			-1,632 -615	14,210 55			14,210 55	7,034 12			7.034	5,595 621			5,595 621	9,534 886			9,534 886	73 73
-6 -249			-6 -248				505 431 548	725 65 25			12 725 65 25 1,672	-6,291 1,094			-6,291 1,094	3,216 2,614			3,216 2,614	. 7
-248 -13 -449			-248 -13 -449	. 9			9 390	1,672 9,137			1,672 9,137	224 -17 -27,527			224 -17 -27,527	-2,294 -61,882 3,542			-2,294 -61,882 3,542	777
				1,080 165			1,080 165	-22 40			-22 40	182	***************************************		182 225	2,443 433	· [***************************************	2,443 433	"
-90,036 -2,746			-90,036 -2,746	9,906 951		***************************************	9,906 951	2,157 -283	***************************************	-2	2,157 -285	768			768	2,043		-6	2,037	8
_74			-74	196,793			196,793	76,534 -770			76,534 -770	257,127			257,127	233,935			233,935	8
			_894 68**	270 705			274 007	140 645	464	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	450.000	340 700	4 845			#06 070				8
-631,637	<u> </u>	<u> </u>	-631,637	370,795	882	3,310	374,987	149,615	168	1,142	150,925	310,738	1,045	4,617	316,400	406,373	1,637	7,472	415,482	

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 cat-	NIDA de la constanta de la con	Produc-	Trans-	Whole- sale and	Purchas-	NIPA cat-	NIDA deservicione del Control	Produc-	Trans-	Whole- sale and	
ry '	NIPA description and I-O descriptions	ers' prices	tion	retail trade margins	ers' prices	ego- ry ¹	NIPA description and I-O descriptions	ers' prices	tion costs	retail trade margins	ers' prices
3	Food purchased for off-premise consumption						72B Personal and repair services (except auto)	11,143			11,143
	(n.d.): Total 1 Livestock and livestock products	259,465 1,866	9,661 21	144,583 615	413,709 2,502	18	Jewelry and watches (d.): Total	13,153	58 17	18,434	31,645
	2 Other agricultural products	14,987 867	2,972 17	10,929 389	28,888 1,273		62 Scientific and controlling instruments	1,611 12,312	41	15,704	3,722 28,057
	3 Forestry and fishery products 9+10 Nonmetallic minerals mining 14 Food and kindred products	6 241,859 599	6,605	4 132,382	18 380,846		81 Scrap, used and secondhand goods	- 770		636	-134
	69B Retail trade	2			901	19	Other misc. personal, clothing and jewelry services (s.): Total	16 042			16,042
4	81 Scrap, used and secondhand goods Purchased meals and beverages (n.d.):	-/21			<i>-</i> 721		72B Personal and repair services (except auto) 73C Other business and professional services,	16,022			16,022
7	Total	245,963			245,963	i	except medical	20			20
,	ground transportation	24	l	 	60 24	21	Total	21,996	613		37,903
	74 Eating and drinking places	l 242.151	i		242,151 3,633		19 Miscellaneous fabricated textile products 29B Cleaning and toilet preparations	19,370 45	410 2	13,313 43	145 33,093 90
	77B Educational and social services, and membership organizations	95			95		32 Rubber and miscellaneous plastics products 42 Other fabricated metal products	843 648	32	577	1,452 997
5	Food furnished to employees (including military) (n.d.):		,				54 Household appliances	511	68		1.083
	Total	6,091 127	1 1	1	7,086 128 265		64 Miscellaneous manufacturing	490	68	485	1,043
	2 Other agricultural products	180 19		2	21	22	Barbershops, beauty parlors, and health clubs (s.): Total	20.065			20,065
6	14 Food and kindred products Food produced and consumed on farms	5,765	154	753	6,672		72A Hotels and lodging places	1 1.114	I		1,114 15,601
·	(n.d.):	590			590		76 Amusements	3,350			3,350
	Livestock and livestock products	88 116			88 116	24	Owner-occupied nonfarm dwellings-space rent (s.): Total	451 002			454 000
7	14 Food and kindred products Tobacco products (n.d.):	386			386		71A Owner-occupied dwellings	451,983			451,983 451,983
,	Total	30,395 30,395	181 181		48,008 48,008	25	Tenant-occupied nonfarm dwellings-rent (s.): Total	160,733 160,733			160,733 160,733
12	Shoes and other footwear (n.d.):	14,926	121	17,856	32,903	26	Rental value of farm dwellings (s.):	Ì		1	
	32 Rubber and miscellaneous plastics products 33+34 Footwear, teather, and teather products 81 Scrap, used and secondhand goods	3,749 11,177	54		24,486		Total 71A Owner-occupied dwellings	5,267			5,349 5,267 82
14	Women's and children's clothing and accessories, except shoes (n.d.):					27	Other housing (s.): Total	24,509			24,509
	Total	57,151		1	1	29	72A Hotels and lodging places Furniture, including mattresses and	24,509			24,509
	mills	1,344 48,207	363	57,057	105,627	-	bedsprings (d.): Total	20.041	122	18,794	38,957
	Miscellaneous fabricated textile products Paper and allied products, except containers	ľ		1	1		22+23 Furniture and fixtures81 Scrap, used and secondhand goods	19,943		18.235	38,300
	26B Other printing and publishing	208	37	396	641	30		14,508		1	04 007
	33+34 Footwear, leather, and leather products 64 Miscellaneous manufacturing	3,663 274	45	3,201 460	6,909 758		38 Primary nonferrous metals manufacturing 40 Heating, plumbing, and fabricated structural	61			
	69B Retail trade	25			. 25		metal products	302 742	13	II 530	
15	81 Scrap, used and secondhand goods Men's and boys' clothing and accessories,	-232		711	479		54 Household appliances	12,342	1	ì	,
	except shoes (n.d.):	33,851	298	31,128	65,275		supplies	1,020		444	
	16 Broad and narrow tabrics, yarn and thread mills	131				31	China, glassware, tableware, and utensils (d.):	8,156	227	11,194	19,577
	18 Apparel	32,557	'	1 19	37		20+21 Lumber and wood products	595 3,667	14	768 5,618	3 1,377
	33+34 Footwear, leather, and leather products 64 Miscellaneous manufacturing	1,150 110 43) 12	148	270		35 Glass and glass products	747	ri 16	2 591 852	1,615
	72B Personal and repair services (except auto) 81 Scrap, used and secondhand goods	38 -195	3	1	. 38		38 Primary nonferrous metals manufacturing 41 Screw machine products and stampings	1,228	3 13	1,310	2,551
16	Standard clothing issued to military personnel						42 Other fabricated metal products	573	3	. 710	
	(n.d.): Total	218 170	3			11	81 Scrap, used and secondhand goods	11			
	19 Miscellaneous fabricated textile products	40	3		. 8	32	Other durable house furnishings (d.): Total	18,088	599	20,106	38,793
17	Cleaning, storage, and repair of clothing and shoes (s.):						coverings	. 454			890
	Total	11,365	<u> </u>		. 11,365		20+21 Lumber and wood products 22+23 Furniture and fixtures	. 1,554 . 1,680	4	1 1,613	3,050 3,334
	1 -21 Hotolo and logging places	1	1	. 1	" ""	11	1 26B Other printing and publishing	. 1 4	11	1 35	5 l 76

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

					[Millions	Ji Goliais]				
NIPA cat- ego- ry 1	NIPA description and I-O descriptions	Produc- ers' prices	Trans- porta- tion costs	Whole- sale and retail trade margins	Purchas- ers' prices	NIPA cat- ego- ry ¹	NIPA description and I-O descriptions	Produc- ers' prices	Trans- porta- tion costs	Whole- sale and retail trade margins	Purchas- ers' prices
	32 Rubber and miscellaneous plastics products 33+34 Footwear, leather, and leather products 35 Glass and glass products	222 125 414 1,143	9 6 20 27	258 119 423 1,043	489 250 857 2,213	39	Water and other sanitary services (s.): Total	30,293 20,426 9,867			30,293 20,426 9,867
	metal products	24 1,548	40	22 1,733	46 3,321	40	Fuel oil and coal (n.d.): Total	6,235 68	435 28	69	12,165 165
	machinery	400 687 237 110 268	7 4 2 2 4	510 960 227 90 226	917 1,651 466 202 498	:	20+21 Lumber and wood products	105 345 5,679 38	39 366		203 660 11,099 38
	53 Electrical industrial equipment and apparatus 55 Electric lighting and wiring equipment 56 Audio, video, and communication	102 932	1 76	90 1,136	193 2,144	41	Telephone and telegraph (s.): Total 66 Communications, except radio and TV 72A Hotels and lodging places	70,669 70,129 540			70,669 70,129 540
	equipment	1,119 79 408	10 3 3	430	2,261 153 841	42	Domestic service (s.): Total	11,356			11,356
	64 Miscellaneous manufacturing	1,207 113 78	58 	1,668 1,587	2,933 113 1,665		except medical	1,269 10,087			1,269 10,087
33	Semidurable house furnishings (n.d.): Total	12,918	318	12,336	25,572	43	Other household operation (s.): Total	1			27,116
	mills	208 243	7 2	165 192	380 437		warehousing 65C Water transportation 65D Air transportation 70B Insurance	1 162			6,065 162 33 -244
	19 Miscellaneous fabricated textile products 20421 Lumber and wood products	9,783 275 118	86 6 24		18,578 525 217 1,327		72B Personal and repair services (except auto) 73C Other business and professional services, except medical	5,477			5,477 8,922
	35 Glass and glass products	653 127 36 117	1 7 3	133 36	261 79 319	45	78 Federal Government enterprises	0,090			6,690 11
	54 Household appliances64 Miscellaneous manufacturing	92 1,264 2		1,798] 3	45	Drug preparations and sundries (n.d.): Total	48,402 23		27,182 12	
34	81 Scrap, used and secondhand goods Cleaning and polishing preparations, and miscellaneous household supplies and			39	39		containers	53 43,864	242	25.022	2,836 104 69,128
	paper products (n.d.): Total 3 Forestry and fishery products 9+10 Nonmetallic minerals mining	25,213 33 33	1,367 39	14,480 8 19	41		31 Petroleum refining and related products 32 Rubber and miscellaneous plastics products 54 Household appliances 55 Electric lighting and wiring equipment	517 18 7	27	8 5	916 27 12
	17 Miscellaneous textile goods and floor coverings24 Paper and allied products, except	129	1	46	176	46	62 Scientific and controlling instruments Ophthalmic products and orthopedic appliances (d.):	1,988	7	781	2,776
	containers	8,946 381 12 239		262	13,309 643 16 419		Total	167	5		413
	27B Agricultural fertilizers and chemicals	920 10,728 480 322	1 48	690 6,010	1,658	47	62 Scientific and controlling instruments	1,313 3,140 13	14	6,421	3,000 9,575 13
	36 Stone and clay products	374 551	39 2	192 193			Total	166,429 166,429			166,429 166,429
	apparatus 55 Electric lighting and wiring equipment 58 Miscellaneous electrical machinery and supplies	939 740	l	1,357	1	48	Dentists (s.): Total	37,636 37,636			37,636 37,636
	64 Miscellaneous manufacturing	299	41			49	Other professional medical services (s.):	85,216			85,216
35	Stationery and writing supplies (n.d.): Total	6,043	409	8,398	14,850		65A Railroads and related services; passenger ground transportation	2,507			2,507
	containers	601 4,312 573	14 271 120	5,960	1,410		except medical	1,042 81,667			1,042 81,667
	32 Rubber and miscellaneous plastics products 64 Miscellaneous manufacturing	550 3	4	1,109 8	11 1,663 11	52	Nonprofit hospitals (s.): Total	184,823 184,823			184,823 184,823
37	Electricity (s.): Total 68A Electric services (utilities)	79,337 79,337			79,337 79,337	53	Proprietary hospitals (s.): Total 77A Health services	30,345 30,345			30,345 30,345
38	Gas (s.): Total	29,537			29,537	54	Government hospitals (s.):	55,154			55,154
	l 68B Gas production and distribution (utilities)	1 29,537	I	l	I 29,537	li	77A Health services	ı 55,154	1	l	J 55,154

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

NIPA cat-				NAME - L-				T			
ego- ry ¹	NIPA description and I-O descriptions	Produc- ers' prices	Trans- porta- tion costs	Whole- sale and retail trade margins	Purchas- ers' prices	NIPA cat- ego- ry ¹	NIPA description and I-O descriptions	Produc- ers' prices	Trans- porta- tion costs	Whole- sale and retail trade margins	Purchas- ers' prices
55	Nursing homes (s.): Total	50,166 50,166			50,166 50,166		59B Truck and bus bodies, trailers, and motor vehicles parts	4,277 -557	132 -29	3,318 542	7,727 -44
56	Health insurance (s.): Total	43,224 43,224			43,224 43,224	74	Repair, greasing, washing, parking, storage, rental and leasing (s.): Total	90,128		165	90,293
61	Brokerage charges and investment counseling (s.): Total	28.719			28,719		75 Automotive repair and services	6		***************************************	90,264 6 23
62	70A Finance	28,719			28,719	75	Gasoline and oil (n.d.): Total	47,638	2,737	54,505	104,880
	Total	30,934 30,934			30,934 30,934	76	31 Petroleum refining and related products Bridge, tunnel, ferry, and road tolls (s.): Total	47,638 2,839			104,880 2,839
63	Services furnished without payment by financial intermediaries except life insurance carriers and private noninsured pension plans (s.):					77	79 State and local government enterprises Motor vehicle insurance (s.): Total	,			2,839 25,728
64	Total	137,479 137,479			137,479 137,479	79	70B Insurance	25,728			25,728 6,463
	Total	69,380 69,380			69,380 69,380		65A Railroads and related services; passenger ground transportation				6,463
65	Legal services (s.): Total 73B Legal, engineering, accounting, and related services	ŀ	1		44,864 44,864	80	Taxicab (s.): Total 65A Railroads and related services; passenger ground transportation	1	1		2,586 2,586
66	Funeral and burial expenses (s.): Total	9,994 306 15	22	944 915 29	10,962 1,243 46	82	Railway (s.): Total	647			647 647
	42 Other transportation				120	83	ground transportation	ļ			1,595
67	Other personal business (s.): Total	385			385	84	ground transportation	1			1,595
	70A Finance	91 1,971			91 1,971	85	65D Air transportation Other intercity transportation (s.):	21,281	***********		21,281 21,281
	related services 73C Other business and professional services, except medical 73D Adventising	2,747					Total	408			3,592 408
	77B Educational and social services, and membership organizations	10,922 191			191	\	warehousing 65C Water transportation 65E Pipelines, freight forwarders, and related services	197			
70	New autos (d.): Total	64,878	1,748	11,390	78,016	i	Books and maps (d.): Total	9,795 9,778 21	363	6,768	17,148 16,909 21
71	Net purchases of used autos (d.): Total	64,878 17,223		13,954	31,177	88	81 Scrap, used and secondhand goods Magazines, newspapers, and sheet music (n.d):	-4			218
72	Total	17,223 47,383					Total		653 119	6,018 406	21,010 1,236
	59A Motor vehicles (passenger cars and trucks)	40,674 4,747 1,962	' 16	1,333	6,096	89	81 Scrap, used and secondhand goods Nondurable toys and sport supplies (n.d.): Total	-295 18,158	371	17,994	36,523
73	Tires, tubes, accessories, and other parts (d.): Total 19 Miscellaneous fabricated textile products		2,756	14,704			Livestock and livestock products Forestry and fishery products Ordnance and accessories Miscellaneous textile goods and floor	1	·	1 000	1,152
	32 Rubber and miscellaneous plastics products 35 Glass and glass products	5,580 14 96	2,44	6,866	14,889 25 173		coverings	131	13	122	266
	50 Miscellaneous machinery, except electrical 52 Service industry machinery 55 Electric lighting and wiring equipment 56 Audio, video, and communication	92	3	3 154 . 74	325		26B Other printing and publishing	102 345 123	63	3 287	695
	equipment 57 Electronic components and accessories 58 Miscellaneous electrical machinery and supplies	,	5	. 3	8		apparatus 55 Electric lighting and wiring equipment 58 Miscellaneous electrical machinery and supplies	53	3	. 6 52 1 295	106

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]

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NIPA cat- ego- ry ¹	NIPA description and I-O descriptions	Produc- ers' prices	Trans- porta- tion costs	Whole- sale and retail trade margins	Purchas- ers' prices	NIPA cat- ego- ry 1	NIPA description and I-O descriptions	Produc- ers' prices	Trans- porta- tion costs	Whole- sale and retail trade margins	Purchas- ers' prices
	63 Ophthalmic and photographic equipment 64 Miscellaneous manufacturing	1,923 13,472 15	14 252	1,606 14,465 8 3	3,543 28,189 23 3		65A Railroads and related services; passenger ground transportation	1,373 91			2,181 1,373 91 2
90	Wheel goods, sports and photographic equipment, boats, and pleasure aircraft (d.): Total 13 Ordnance and accessories	17,347 874	217	12,528 652	30,092 1,526		73C Other business and professional services, except medical	64 26,023			64 26,023
	Miscellaneous fabricated textile products Rubber and miscellaneous plastics products 33+34 Footwear, leather, and leather products Other fabricated metal products	625 128 306 356 169	7 49 13 10		1,103 326 572 629	100	membership organizations	3.366			151 3,366
	43 Engines and turbines 58 Miscellaneous electrical machinery and supplies 60 Aircraft and parts	169 31 465	3	45 7 57	217 38 523	101	76 Amusements Other recreational expenditures (s.): Total	3,366 74,579	69	1,454	3,366 76,102
	61 Other transportation equipment	7,132 159 1,177 4,992 666	67 1 9 57	2,873 60 992 5,760 414	10,072 220 2,178 10,809		Livestock and livestock products Forestry and fishery products A gricultural, forestry, and fishery services Communications, except radio and TV Radio and TV broadcasting A Hotels and lodging places Personal and repair services (except auto)	1,410 1,412 729 19,883 1,839 3,496	68	538	2,016 1,462 729 19,883 1,839 3,496
91	81 Scrap, used and secondhand goods Video and audio products, computing equipment, and musical instruments (d.):	267		532	799		73A Computer and data processing services 73C Other business and professional services, except medical	5.520		400	5,318 307 5,920
	Total 33+34 Footwear, leather, and leather products 51 Computer and office equipment 56 Audio, video, and communication	33,796 30 5,100 19,643	387 60	22,857 21 3,612			76 Amusements 77A Health services 77B Educational and social services, and membership organizations	5,108 982	•••••••		5,108 982
	equipment	211 1,044	22	12,908 111 620	32,833 322 1,686	103	79 State and local government enterprises 81 Scrap, used and secondhand goods Higher education (s.):	58	***************************************	467	9,783 525
	64 Miscellaneous manufacturing	867 3,200 2,137 1,368	2	1,994 825 1,552	1,694 5,194 2,964 2,921		Total	l			52,428 52,428
92	81 Scrap, used and secondhand goods Radio and television repair (s.): Total	196 3,438		407	603 3,438	104	Nursery, elementary, and secondary schools (s.): Total				23,311
	72B Personal and repair services (except auto) 73C Other business and professional services, except medical	3,064			3,064 374	105	Other private education and research (s.): Total	1			
93	Flowers, seeds, and potted plants (n.d.): Total 2 Other agricultural products 73C Other business and professional services,	4,541 4,248	537 537	6,883 6,883	11,961 11,668		76 Amusements 77B Educational and social services, and membership organizations	/12			712
95	except medical				293 4,939	106	Religious and welfare activities (s.): Total	1			1
	65D Air transportation 76 Amusements 77B Educational and social services, and membership organizations	4,808			3 4,808 128	108	Foreign travel by U.S. residents (s.): Total 65C Water transportation	45,943 3,243			45,943 3,243
96	Legitimate theaters and opera, and entertainments of nonprofit institutions (except athletics) (s.):	120		***************************************	120	109	65D Air transportation	12,377 30,323			12,377 30,323
	76 Amusements	6,037 5,854			5,854	110	Total	2,570 2,570			2,570 2,570
97	membership organizations	5,131	ł				nonresidents (s.): Total 83 Rest of the world adjustment to final uses	-64,871 -64,871			-64,871 -64,871
98	77B Educational and social services, and membership organizations Clubs and fraternal organizations (s.):	2,838	l.	Ì	2,293	111	Personal remittances in kind to nonresidents (n.d.): Total	-1,610 -1,610			-1,610 -1,610
30	Total	7,774			1		Total personal consumption expenditures Total durable commodities (d.)	3,551,945 282,064	27,193	629,580	4,208,718
99	membership organizations Commercial participant amusements (s.):		***************************************		2,893		Total nondurable commodities (n.d.)	855,509 2,414,372	18,861	446,541	1

^{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]

					[Millions (or donars,					
NIPA cat- ego- ry ¹	NIPA description and I-O descriptions	Produc- ers' prices	Trans- portation costs	Whole- sale and retail trade margins	Pur- chasers' prices	NIPA cat- ego- ry 1	NIPA description and I-O descriptions	Produc- ers' prices	Trans- portation costs	Whole- sale and retail trade margins	Pur- chasers' prices
5	Computers and peripheral equipment: Total	36,139 32,698 3,441	390 390	7,051 7,051	43,580 40,139 3,441		50 Miscellaneous machinery, except electrical 73B Legal, engineering, accounting, and related services	120 1,127 –26	1	56 901	177 1,127 875
6	Office equipment except computers: Total 50 Miscellaneous machinery, except electrical 51 Computer and office equipment 73B Legal, engineering, accounting, and related services	4,360 539 3,317 451 53	63 13 50	1,727 34 1,260 433	6,150 586 4,627 451 486	16	Electrical transmission, distribution, and industrial apparatus: Total 47 Metalworking machinery and equipment 53 Electrical industrial equipment and apparatus 62 Scientific and controlling instruments 73B Legal, engineering, accounting, and related services	13,084 1,001 6,826 4,256	250 36 187 27	1,516 163 1,078 275	14,850 1,200 8,091 4,558
7	Communication equipment: Total	43,664 29 52 154 24,445	253 1 1 175	3,889 8 20 3,098	'	18	Trucks, buses, and truck trailers: Total 59A Motor vehicles (passenger cars and trucks) 59B Truck and bus bodies, trailers, and motor vehicles parts 81 Scrap, used and secondhand goods	31,253 27,995 4,981 -1,723	823 758 65	4,079 3,236 361 482	36,155 31,989 5,407 -1,241
	supplies 62 Scientific and controlling instruments 66 Communications, except radio and TV 73B Legal, engineering, accounting, and related services 81 Scrap, used and secondhand goods	1,304 9,693 5,065 2,905 17		280 483	1,599 10,237 5,065 2,905 17	19	Autos: Total 59A Motor vehicles (passenger cars and trucks) 81 Scrap, used and secondhand goods	24,685 47,137 -22,452	1,270 1,270	6,074 5,680 394	32,029 54,087 –22,058
8	Instruments: Total 62 Scientific and controlling instruments 73B Legal, engineering, accounting, and related services 81 Scrap, used and secondhand goods	22,759 21,462 1,269 28		3,691 3,691	26,563 25,266 1,269 28	20	Aircraft: Total 22+23 Furniture and fixtures 60 Aircraft and parts 62 Scientific and controlling instruments 81 Scrap, used and secondhand goods	13,536 214 13,676 695 -1,049	43 3 33 7	142 10 90 42	13,721 227 13,799 744 -1,049
9	Photocopy and related equipment: Total 62 Scientific and controlling instruments	9,277 1,406 6,915	58 5		12,571 1,534	21	Ships and boats: Total 10 Other transportation equipment	1,116 1,085 31		59 42 17	1,177 1,129 48
11	81 Scrap, used and secondhand goods	904 52 8,629			904 52 9,599		Total	2,858 2,648 206	43 43	20	3,010 2,711 206 93
	Total 5+6 Metallic ores mining 27A Industrial and other chemicals 37 Primary iron and steel manufacturing 39 Metal containers 40 Heating, plumbing, and fabricated structural metal products 42 Other fabricated metal products 46 Materials handling machinery and equipment 73B Legal, engineering, accounting, and related	3,612 2,388 5	20 1 1 26 108	3 387	71 1,957 16 42 4,025 2,920 5	24 25	Furniture and fixtures: Total	17,016 15,686 1,402 –72	179 179	4,081 3,862 219	21,276 19,727 1,402 147
12	Engines and turbines: Total 43 Engines and turbines	3,540 3,271	48	75 75	3.663	26	Total 44+45 Farm, construction, and mining machinery 81 Scrap, used and secondhand goods Agricultural machinery, except tractors:	4,188 4,249 -61	183		6,581
13	Metalworking machinery: Total	269 17,733 16,651	302	2,466 2,466			Total	4,850 4,430 412	211	1	6,086 412
14	73B Legal, engineering, accounting, and related services	1,135 -53			1,135 -53	27	Construction machinery, except tractors: Total	6,385	415	1,642	8,442
	Total 32 Rubber and miscellaneous plastics products 42 Other fabricated metal products 48 Special industry machinery and equipment 49 General industrial machinery and equipment 52 Service industry machinery 58 Miscellaneous electrical machinery and	19,487 130 27 16,820 1,029	332	32 10 2,433	168 37 3 19,585	28	Total	5,996 478 89	38	415	478 326 1,297
15	supplies 73B Legal, engineering, accounting, and related services 81 Scrap, used and secondhand goods	95 1,379 6			. 1,379		8 Crude petroleum and natural gas 44+45 Farm, construction, and mining machinery 49 General industrial machinery and equipment 73B Legal, engineering, accounting, and related services	792 21	38	178	1,008
13	equipment: Total	17,244 35 5,738 10,250	184 184	1,298	7 44	29	81 Scrap, used and secondhand goods	8,116	113	1,879	170

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 cat- ego- ry ¹	NIPA description and I-O descriptions	Produc- ers' prices	Trans- portation costs	Whole- sale and retail trade margins	Pur- chasers' prices	NIPA cat- ego- ry ¹	NIPA description and I-O descriptions	Produc- ers' prices	Trans- portation costs	Whole- sale and retail trade margins	Pur- chasers' prices
30	52 Service industry machinery	7,375 673 27	112	1,878	9,365 673 27		61 Other transportation equipment	1,008 5,365 857 -93	45 596	296 1,673	1,349 7,634 857 -93
00	Total 54 Household appliances	8,102 374 283	13 7	66	412 356	32	Sale of equipment scrap, excluding autos: Total	-2,006 -2,006			-2,006 -2,006
	supplies	659 6,125 682	45	97 1,037	781 7,207 682	33	Residential (landlord durables): Total 17 Miscellaneous textile goods and floor	3,760 1,192	164 54	.,	5,921 1,703
31	services	-21		***************************************	-21		coverings 22+23 Furniture and fixtures 32 Rubber and miscellaneous plastics products 54 Household appliances	191 15 2,294	1 108	58 8 1,450	249 24
	Total	10,660 1,151		4,122 438	15,545 1,642		56 Audio, video, and communication equipment Total producers durable equipment	68 331,344	6,652	24	93
	20+21 Lumber and wood products 32 Rubber and miscellaneous plastics products 44+45 Farm, construction, and mining machinery	70 2,301	•		85 4,070		Total residential equipment Total residential equipment	327,584 3,760	6,488 164	59,002 1,997	

^{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 1-0 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 1-0 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 Less: U.S merchandise returned Reexports Foreign-to-foreign transactions Statistical differences, I-O 1 Equals: Exports, I-O	639,416 11,817 22,392 582 2,015 602,610	448,671 11,817 22,392 414,462	
Imports, NIPA's Less: U.S merchandise returned Reexports Foreign-to-foreign transactions Statistical differences, I-O¹ Equals: Imports, I-O	668,959 11,817 22,392 582 2,531 631,637		124,104 582 2,531 120,991
Net exports, NIPA's	-29,543 -29,027	-96,184 -96,184	66,641 67,157

Consist of statistical revisions in the BPA's that have not yet been incorporated in the IIPA'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 1-0 accounts, is shown as a single entry in table 2.1 (row 85, column 93). In the 1992 1-0 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 1-0 accounts and the NIPA's. They present the 1-0 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 1-0 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.

[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 1-0 industry. For a description of the systems used in the 1-0 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
1	AGRICULTURE, FORESTRY, AND FISHERIES Livestock and livestock products: 1.0100 Dairy farm products	024, *019, *0259,	11.0800 Office, industrial, and commercial buildings *1	08, *124, *148 5, *17 5–17
	1.0200 Poultry and eggs	*029 0251–3, *0259, *019, *0219, *029	12 Maintenance and repair construction: 12.0101 Maintenance and repair of farm and nonfarm *1	15, *17
	1.0301 Meat animals	*0219, *029 0211–4, *0219, *019, *0259, *029 0271–3, *0279, *019,	12.0214 Maintenance and repair of highways and steets 1 12.0215 Maintenance and repair of petroleum and natural *1	16 – 17 138
2	Other agricultural products:	*0219, *0259, *029	g	15–17
-	2.0100 Cotton	0131, *019, *0219, *0259, *029	MANUFACTURING 13 Ordnance and accessories:	
	2.0201 Food grains 2.0202 Feed grains	*011, *019, *0219, *0259, *029 *011, *0139, *019,	13.0100 Guided missiles and space vehicles	761 483
	2.0203 Grass seeds	*0219, *0259, *029 *0139, *019, *0219,	9 13.0500 Small arms 34	795 484 482
	2.0300 Tobacco	*0259, *029 0132, *019, *0219,	13.0700 Ordnance and accessories, n.e.c	489
	2.0401 Fruits	*0259, *029 0171–2, 0174–5, *0179, *019,	14 0102 Sausages and other prepared most products 20	011 013
	2.0402 Tree nuts	*0219, *0259, *029 0173, *0179, *019, *0219, *0259, *029	14.0105 Poultry slaughtering and processing	015 021
	2.0501 Vegetables	0134, *0139, 016, *019, *0219,	14.0400 Dry, condensed, and evaporated dairy products 20	022 023 024
	2.0502 Sugar crops	*0259, *029, *0119 10133, *019, *0219,	9 14.0600 Fluid milk	026 091
	2.0503 Miscellaneous crops	*0259, *029 *0119, *0139, *019, *0219, *0259, *029	14.0900 Canned fruits, vegetables, preserves, jams, and 20	032 033
	2.0600 Oil bearing crops	0116, *0119, *0139, *0219, *0259, *029 *018, *019, *0219,	14.1000 Dehydrated fruits, vegetables, and soups	034 035
	Forest products 2.0702 Greenhouse and nursery products	*0259, *029 *018, *019,*0219,	14.1200 Prepared fresh or frozen fish and seafoods	092 037
3	•	*0259, *029	14.1401 Flour and other grain mill products	038 041 043
•	Forestry and fishery products: 3.0001 Forestry products	081, 083, 097 091	14.1403 Prepared flour mixes and doughs	045 047
4	Agricultural, forestry, and fishery services: 4.0001 Agricultural, forestry, and fishery services	0254, *0279, 071–2,	14.1600 Rice milling	048 044 046
	4.0002 Landscape and horticultural services	075-6, 085, 092 078	14.1801 Bread, cake, and related products	051 052
5+6	MINING Metailic ores mining:		14.1900 Sugar	053 061–3 066
010	 5.0001 Iron and ferroalloy ores, and miscellaneous metal ores, n.e.c. 	101, 106, 1099	14.2004 Salted and roasted nuts and seeds	068 064, 2067
	6.0100 Copper ore	102 103–4, 1094, *108	14.2101 Malt beverages	082 083
7	Coal mining: 7.0000 Coal	122–3, *124	14.2104 Distilled and blended liquors	084 085 086
8	Crude petroleum and natural gas: 8.0001 Crude petroleum and natural gas	131-2, *138	14.2300 Flavoring extracts and flavoring syrups, n.e.c. 20	087 074
9+10	Nonmetallic minerals mining: 9.0001 Dimension, crushed and broken stone	141–2	14.2600 Vegetable oil mills, n.e.c	075 076 077
	9.0002 Sand and gravel	144 145	14.2800 Roasted coffee 20	077 095 079
	9.0004 Nonmetallic mineral services and miscellaneous minerals. 10.0000 Chemical and fertilizer minerals	*148, 149 147	14.3100 Macaroni, spaghetti, vermicelli, and noodles	097 098 096
	CONSTRUCTION			099
11	New construction: 11.0101 New residential 1-unit structures, nonfarm	*15, *17, *6552 *15, *17		:11 :12
	11.0105 New residential additions and alterations, nonfarm 11.0108 New residential garden and high-rise apartments	*15, *17 *15, *17, *6552	15.0103 Chewing and smoking tobacco and snuff 2	113
	11.0400 Highways and streets	*16–17 *15, *17	16 Broad and narrow fabrics, yarn and thread mills:	21-3, 2261-2
	11.0601 Petroleum and natural gas well drilling	*138 *138, *108, *124,	16.0200 Narrow fabric mills	24 269, 2281–2
		*148	16.0400 Thread mills	284

	I-O industry nur	mber and title	Related 1987 SIC codes			I-O industry number and title	Related 198 codes
17	Miscellaneous textile goods and		227		27.0406	Chemicals and chemical preparations, n.e.c	2899
	17.0100 Carpets and rugs 17.0600 Coated fabrics, not n	ubberized	l 2295	27B	Agricultur	al fertilizers and chemicals:	f
	17.0700 Tire cord and fabrics				27.0201	Nitrogenous and phosphatic fertilizers	2873-4
	17.0900 Cordage and twine	***************************************			27.0202	Fertilizers, mixing only	2875
					27.0300	Pesticides and agricultural chemicals, n.e.c	
	17.1100 Textile goods, n.e.c.		2299			•	
18	Apparel:			28		nd synthetic materials:	1
	18.0101 Women's hosiery, ex	cept socks	2251		28.0100	Plastics materials and resins	
	18.0102 Hosiery, n.e.c		2252		28.0200	Synthetic rubber	
				H	28.0300	Cellulosic manmade fibers	
		nightwear mills		H	28.0400	Manmade organic fibers, except cellulosic	2824
	18.0203 Knitting mills, n.e.c. 18.0300 Knit fabric mills		2259 2257–8	29A	Drugs:		
	18.0400 Apparel made from p	ourchased materials		200	29.0100	Drugs	283
	rois iso ripparer made from p	aronaboa matorialo illilililililili	" 20. 0	ł	20.0.00	514g0	1-00
19	Miscellaneous fabricated textile	products:	l	29B	Cleaning a	and toilet preparations:	
		98		1	29.0201	Soap and other detergents	
).C		11	29.0202	Polishes and sanitation goods	
		products		1	29.0203	Surface active agents	
	19.0303 Pleating and stitching		2395	ll .	29.0300	Toilet preparations	2844
	19.0304 Automotive and appa	rel trimmings	2396		Balata ana	A alliad and decade.	
	19.0305 Schiffli machine emb	roideries	2397	30	30.0000	I allied products: Paints and allied products	285
	19.0306 Fabricated textile pro	ducts, n.e.c	2399	1	30.0000	rains and alled products	200
+21	Lumber and wood products:			31	Petroleum	refining and related products:	1
74			241	'	31.0101	Petroleum refining	291
	20.0200 Sawmills and planing	mills, general	2421	11	31.0102	Lubricating oils and greases	
	20.0300 Hardwood dimension	and flooring mills	2426	11	31.0103	Products of petroleum and coal, n.e.c	2999
	20.0400 Special product sawn	nills, n.e.c	2429		31.0200	Asphalt paving mixtures and blocks	2951
					31.0300	Asphalt felts and coatings	2952
	20.0502 Wood kitchen cabine 20.0600 Veneer and plywood	ls	2434 2435–6		5		
		bers, n.e.c		32		d miscellaneous plastics products:	004
	20.0702 Prefabricated wood b	uildings and components	2452	H	32.0100	Tires and inner tubes	301
			2451	11	32.0200	Rubber and plastics footwear	
	20.0800 Wood preserving	***************************************	2491		32.0300	Fabricated rubber products, n.e.c.	
		ds			32.0400 32.0500	Miscellaneous plastics products, n.e.c	
	20.0903 Wood products, n.e.c		2499	ļļ.	32.0600	Gaskets, packing, and sealing devices	
		products			32.0000	daskers, packing, and searing devices	3000
	21.0000 Wood containers, n.e	.C	2441, 2449	33+34	Footwear.	leather, and leather products:	
+23	Furniture and fixtures:				33.0001	Leather tanning and finishing	311
	22.0101 Wood household furn	iture, except upholstered	2511	11	34.0100	Boot and shoe cut stock and findings	313
	22.0102 Household furniture,	n.e.c	I 2519	11	34.0201	Shoes, except rubber	3143-4, 3149
		radio cabinets		11	34.0202	House slippers	3142
	22.0200 Upholstered househo	ld furniture	2512		34.0301	Leather gloves and mittens	315
	22.0300 Metal household furn 22.0400 Mattresses and beds	itureprings	2014	11	34.0302	Luggage	
	23.0100 Wood office furniture	лидо	2521	ll .	34.0303	Women's handbags and purses	3171
	23.0200 Office furniture, except	ot wood		11	34.0304	Personal leather goods, n.e.c.	3172
	23.0300 Public building and re	elated furniture	253		34.0305	Leather goods, n.e.c	319
	23.0400 Wood partitions and	fixtures	2541	35	Glass and	glass products:	I
	23.0500 Partitions and fixtures	s, except wood	2542	"	35.0100	Glass and glass products, except containers	321, 3229, 32
		d window blinds and shades , n.e.c		ll .	35.0200	Glass containers	
	23.0700 Furniture and fixtures	, n.e.c	2099		00.0200		J
24	Paper and allied products, excep	pt containers:		36		clay products:	
		·		1	36.0100	Cement, hydraulic	
				II	36.0200	Brick and structural clay tile	
	24.0500 Sanitary paper production 24.0701 Paper coating and glassian street productions are productions.	ctsazing	2676 2671–2	11	36.0300	Ceramic wall and floor tile	
	24.0701 Paper coaling and girls 24.0702 Bags, except textile .	azıny	2671–2 2673–4	ll .	36.0400	Clay refractories	
	24.0703 Die-cut paper and pa	perboard and cardboard	2675	1	36.0500 36.0600	Structural clay products, n.e.c.	
	24.0705 Stationery, tablets, ar	id related products	2678	ll .	36.0701	Vitreous china plumbing fixtures Vitreous china table and kitchenware	
	24.0706 Converted paper proc	ducts, n.e.ċ	2679		36.0702	Fine earthenware table and kitchenware	
	24.0800 Paper and paperboar	d mills	262–3		36.0800	Porcelain electrical supplies	
25	Paperboard containers and boxe	is:		11	36.0900	Pottery products, n.e.c.	
		s and boxes	265	1	36.1000	Concrete block and brick	
				11	36.1100	Concrete products, except block and brick	
26A	Newspapers and periodicals:		1.74		36.1200	Ready-mixed concrete	
		······		1	36.1300	Lime	
	26.0200 Periodicals	······	272	1	36.1400	Gypsum products	
26B	Other printing and publishing:			11	36.1500	Cut stone and stone products	
			2731	II	36.1600	Abrasive products	
	26.0302 Book printing		2732	11	36.1700	Asbestos products	3292
	26.0400 Miscellaneous publish	ning	274	1	36.1900	Minerals, ground or treated	3295
	26.0501 Commercial printing .	***************************************	275	1	36.2000	Mineral wool	
	26.0601 Manifold business for	ms	276	II	36.2100	Nonclay refractories	
		f binders and devices		II	36.2200	Nonmetallic mineral products, n.e.c	3299
	26.0700 Greeting cards		277		Balan		1
		ted work		37		on and steel manufacturing:	0010
		ted services		1	37.0101	Blast furnaces and steel mills	
	20.0000 Fiaternaking and feld	30171000	2100	11	37.0102	Electrometallurgical products, except steel	
?7A	Industrial and other chemicals:			II	37.0103	Steel wiredrawing and steel nails and spikes	
	27.0100 Industrial inorganic at	nd organic chemicals		11	37.0104	Cold-rolled steel sheet, strip, and bars	
	27.0401 Gum and wood chem	nicals	2861	li	37.0105	Steel pipe and tubes	
	27.0402 Adhesives and sealar	nts		11	37.0200	Iron and steel foundries	
				11	37.0300	Iron and steel forgings	3462
	27.0403 Explosives			H	37.0401	Metal heat treating	

	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: 38.0100 Primary smelting and refining of copper 38.0400 Primary aluminum 38.0501 Primary nonferrous metals, n.e.c. 38.0600 Secondary nonferrous metals 38.0700 Rolling, drawing, and extruding of copper	3339 334	5	0.0100 Carburetors, pistons, rings, and valves	3592 3593–4 3596 3599
	38.0800 Aluminum rolling and drawing	3353–5 3356 3357 3363, 3365 3366 3364, 3369	5	Computer and office equipment: 1.0102 Calculating and accounting machines	3578 3571 3572, 3575, 3577 3579
39	38.1400 Nonferrous forgings	3411 3412	5	Service Industry machinery: 2.0100 Automatic vending machines 2.0200 Commercial laundry equipment 2.0300 Refrigeration and heating equipment 2.0400 Measuring and dispensing pumps	3581 3582 3585 3586
40	Heating, plumbing, and fabricated structural metal products: 40.0100	3431 3432 3433	53 E	2.0500 Service industry machinery, n.e.c	3589 3612 3613
	40.0400 Fabricated structural metal	3441 3442 3443 3444 3446	5	3.0400 Motors and generators	3621 3625 3624 3629
41	40.0901 Prefabricated metal buildings and components	3448 3449 345	5	Household appliances: 4.0100 Household cooking equipment 4.0200 Household refrigerators and freezers 4.0300 Household laundry equipment 4.0400 Electric housewares and fans	3631 3632 3633 3634
42	41.0201 Automotive stampings 41.0202 Crowns and closures 41.0203 Metal stampings, n.e.c.	3465 3466 3469	55 1	44.0500 Household vacuum cleaners	3635 3639
	42.0100 Cutlery	3421 3423 3425 3429	56	55.0100 Electric lamp bulbs and tubes	3645–8 3643–4
	42.0401 Plating and polishing 42.0402 Coating, engraving, and allied services, n.e.c. 42.0500 Miscellaneous fabricated wire products 42.0700 Steel springs, except wire	3471 3479 3495–6 3493		Household audio and video equipment	3651 3652 3661 3663, 3669
43	42.0800 Pipe, valves, and pipe fittings	3491-2, 3494, 3498 3497 3499		Electronic components and accessories: 57.0100 Electron tubes	3671 3674 3672, 3675–9
44+45	43.0100 Turbines and turbine generator sets 43.0200 Internal combustion engines, n.e.c. Farm, construction, and mining machinery: 44.0001 Farm machinery and equipment	3523		Miscellaneous electrical machinery and supplies: 88.0100 Storage batteries	3691 3692 3694
	44.0002 Lawn and garden equipment	3524 3531 3532 3533	59A	58.0600 Magnetic and optical recording media	3695 3699 3711
46	Materials handling machinery and equipment: 46.0100 Elevators and moving stairways 46.0200 Conveyors and conveying equipment 46.0300 Hoists, cranes, and monoralis 46.0400 Industrial trucks and tractors	3534 3535 3536 3537	59B	Truck and bus bodies, trailers, and motor vehicles parts: 59.0100 Truck and bus bodies	3713 3715 3714
47	Metalworking machinery and equipment: 47.0100 Machine tools, metal cutting types 47.0200 Machine tools, metal forming types 47.0300 Special dies and tools and machine tool accessories 47.0401 Power-driven handtools	3541 3542 3544–5 3546		Aircraft and parts: 50.0100 Aircraft	3721 3724, 3764 3728, 3769
40	47.0402 Rolling mill machinery and equipment 47.0404 Electric and gas welding and soldering equipment Industrial patterns Metalworking machinery, n.e.c.	3548 3543		Other transportation equipment: 51.0100 Ship building and repairing	3731 3732 374 375
48	Special Industry machinery and equipment:	3552 3553 3554		61.0601 Travel trailers and campers	
49	48.0500 Printing trades machinery and equipment	3559 3561, 3563		62.0101 Search and navigation equipment	381 3821 3823–4, 3829 3822 3841
	Ball and roller bearings Blowers and fans Mechanical power transmission equipment Industrial process furnaces and ovens General industrial machinery and equipment, n.e.c.	3562 3564	į	62.0500 Surgical and medical instruments and apparatus	3842 3843 387 3844
50	49.0800 Packaging machinery	0000	11	62.1000 Laboratory and optical instruments	3826-7

	I-O industry number and title	Related 1987 SIC codes			I-O industry number and title	Related 1987 SI codes
63	Ophthalmic and photographic equipment:	005		71.0202	Royalties	
	63.0200 Ophthalmic goods	385 386			SERVICES	
0.4			72A	Hotels and	lodging places:	ŀ
64	Miscellaneous manufacturing: 64.0101 Jewelry, precious metal	3911		72.0101	Hotels	. 701
	64.0102 Jewelers' materials and lapidary work	3915		72.0102	Other lodging places	. 702–4
	64.0104 Silverware and plated ware	3914 3961	72B	Personal ar	nd repair services (except auto):	
	64.0200 Musical instruments	393		72.0201	Laundry, cleaning, garment services, and shoe	721, 725
	64.0301 Games, toys, and children's vehicles	3944		repair.	Euneral comics and promotories	. 726
	64.0302 Dolls and stuffed toys	3942		72.0202 72.0203	Funeral service and crematories Portrait photographic studios, and other	722, 729
	64.0400 Sporting and athletic goods, n.e.c	3951		miscellan	eous personal services.	'
	64.0502 Lead pencils and art goods	3952	1	72.0204	Electrical repair shops	. 762
	64.0503 Marking devices	1 3953	ll	72.0205 72.0300	Watch, clock, jewelry, and furniture repair Beauty and barber shops	. 763–4 . 723–4
	64.0700 Fasteners, buttons, needles, and pins	3965	ll		· .	120 1
	64.0800 Brooms and brushes	I 3991	73A		and data processing services:	707
	64.0900 Hard surface floor coverings, n.e.c. Burial caskets	3996		73.0104	Computer and data processing services	. 737
	64.1100 Signs and advertising specialties	3995 3993	73B	Legal, engl	neering, accounting, and related services:	
	64.1200 Manufacturing industries, n.e.c	3999		73.0301	Legal services	81
	TRANSPORTATION, COMMUNICATIONS, AND UTILITIES			73.0302 73.0303	Engineering, architectural, and surveying services Accounting, auditing, and bookkeeping, and	. 871 872, 89
5A	Railroads and related services; passenger ground				eous services, n.e.c.	0.2, 00
•	transportation:		720	Other busin	sees and professional earliese, execut medical	
	65.0100 Railroads and related services	40, 474	130	73.0101	ness and professional services, except medical: Miscellaneous repair shops	. 769
	65.0200 Local and suburban transit and interurban highway passenger transportation.	41		73.0102	Services to dwellings and other buildings	. 734
	• •		l	73.0103	Personnel supply services	. 736
5B	Motor freight transportation and warehousing: 65.0301 Trucking and courier services, except air	421, 423	H	73.0106 73.0107	Detective and protective services	. 7381–2 . 735
	65.0301 Trucking and courier services, except air	422	I .	73.0108	Photofinishing labs and commercial photography	. 7335–6, 7384
	•			73.0109	Other business services	. 732, 7331, 7334,
5C	Water transportation: 65.0400 Water transportation	44	1	73.0111	Management and consulting services	7338, 7383, 73 874
	•	"]]	73.0112	Testing and research labs	
5D	Air transportation: 65.0500 Air transportation	45			· ·	
	05.0000 All transportation	1 40	73D	Advertising 73.0200	: Advertising	731
35E	Pipelines, freight forwarders, and related services:	۱,,			•	'''
	65.0600 Pipelines, except natural gas	46 473, 478	74		drinking places:	50
	65.0702 Arrangement of passenger transportation	472		74.0000	Eating and drinking places	. 58
66	Communications, except radio and TV:		75		repair and services:	
00	66.0100 Telephone and telegraph communications, and	481-2, 489		75.0001	Automotive rental and leasing, without drivers	. 751
	communications services, n.e.c.			75.0002 75.0003	Automotive repair shops and services	. 753, 7549 . 752, 7542
	66.0200 Cable and other pay television services	484	II			102,102
67	Radio and TV broadcasting:		76	Amusement 76.0101	ts: Motion picture services and theaters	781–3
	67.0000 Radio and TV broadcasting	483	II.	76.0102	Video tape rental	
88A	Electric services (utilities):		1	76.0201	Theatrical producers (except motion picture), bands,	792
•	68.0100 Electric services (utilities)	491, 4931		orchestra: 76.0202	s, and entertainers.	793
38B	Gas production and distribution (utilities):			76.0202	Bowling centers Professional sports clubs and promoters	793
	68.0201 Natural gas transportation	4922, *4923		76.0204	Racing, including track operation	7948
	68.0202 Natural gas distribution	*4923, 4924, 4925,		76.0205	Physical fitness facilities and membership sports and	7991, 7997
		4932, 4939		recreation 76.0206	Other amusement and recreation services	791, 7992–3, 7990
8C	Water and sanitary services:		I		and and and too quite out thou minimum	7999
	68.0301 Water supply and sewerage systems	494, 4952 4953, 4959, 496–7	778	Health serv	ices:	
	systems.	7000, 7000, 400-/	∥ ′′′	77.0100	Doctors and dentists	801–3, 8041
	•			77.0200	Hospitals	. 806
	WHOLESALE AND RETAIL TRADE			77.0301 77.0303	Nursing and personal care facilities Home health care services	
9A	Wholesale trade: 69.0100 Wholesale trade	50, 51		77.0304	Veterinary services	
		00, 01		77.0305	Other medical and health services	
9B	Retail trade: 69.0200 Retail trade, except eating and drinking	50 7 50				807, 809
	69.0200 Retail trade, except eating and drinking	52-7, 59	77B	Educational	and social services, and membership	
	FINANCE, INSURANCE, AND REAL ESTATE			organizat		901
OA	Finance:		ll	77.0401 77.0402	Elementary and secondary schools Colleges, universities, and professional schools	. 821 . 822
	70.0100 Banking	60 61 67 (ovel 6733)	I	77.0403	Private libraries, vocational schools, and educational	823-4, 829
	70.0200 Credit agencies other than banks	61, 67 (excl. 6732) 62	I	services,	n.e.c.	
	•	- -		77.0501	Business associations and professional membership	861–2
'0B	Insurance:	63	I	organizati 77.0502	ons. Labor organizations, civic, social, and fraternal	863-4
	70.0400 Insurance carriers	63 64	ll	associatio	ins.	
	• • • •	**		77.0503	Religious organizations	866
4 8	Owner-occupied dwellings:		ll	77.0504	Other membership organizations	84, 865, 869, 873 6732
IA						
IA	71.0100 Owner-occupied dwellings		li .	77.0600	Job training and related services	. 833
	Real estate and royalties: 71.0201 Real estate agents, managers, operators, and	65 (excl. 6552)		77.0600 77.0700 77.0800	Job training and related services	. 835

78 Federal Government enterprises: 81.0001 78.0100 U.S. Postal Service (¹) 78.0200 Federal electric utilities (¹) 78.0500 Other Federal Government enterprises (¹) 79 State and local government enterprises: 83 Rest of 1	ed and secondhand goods: Scrap	(3) (3)
	overnment industry: General government industry	(4)
79.0300 Other State and local government enterprises (1) 84.0000		

^{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 importe 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	98.0012	State and local government gross investment, public educational facilities beyond
VA 38.0000	Total value added Compensation of employees	98.0013	high school State and local government gross investment, other education and libraries
39.0000 90.0000	Indirect business tax and nontax liability Other value added	99C 99.10C1	State and local government consumption expenditures, other: State and local government consumption expenditures, hospitals and categorical
	FINAL USES	00.1001	health programs
91 91.0000	Personal consumption expenditures: Personal consumption expenditures	99.10C2	State and local government consumption expenditures, public welfare institutions and activities
	, , ,	99.10C4	State and local government consumption expenditures, sanitation
92	Gross private fixed investment:	99.20C1 99.20C2	State and local government consumption expenditures, police State and local government consumption expenditures, fire fighting organizations
92.0000	Gross private fixed investment		and auxiliary services
9 3 93.0000	Change in business inventories:	99.20C3 99.30C1	State and local government consumption expenditures, correctional institutions State and local government consumption expenditures, public highways (exclud-
13.0000	Change in business inventories	35.5001	ing non-capital expenditures of toll roads)
94	Exports of goods and services:	99.30C8	State and local government consumption expenditures, natural and agricultural
94.0000	Exports of goods and services		resources and recreation facilities
9 5 95.0000	Imports of goods and services: Imports of goods and services	99.30C9	State and local government consumption expenditures, other general govern- ment activities n.e.c.
	. •	99C	State and local government gross investment, other:
9 6C 96.00C0	Federal Government consumption expenditures, national defense: Federal Government consumption expenditures, national defense	99.1011	State and local government gross investment, hospitals and categorical health programs
961	Federal Government gross investment, national defense:	99.1012	State and local government gross investment, public welfare institutions and ac-
96.0010	Federal Government gross investment, national defense	99.1013	tivities
	, , , , , , , , , , , , , , , , , , ,	99.1013	State and local government gross investment, public sewerage systems State and local government gross investment, sanitation
7C	Federal Government consumption expenditures, nondefense:	99.2011	State and local government gross investment, police
7.00C0	Federal Government consumption expenditures, nondefense	99.2012	State and local government gross investment, fire fighting organizations and aux-
71	Federal Government gross investment, nondefense:		iliary services
7.0010	Federal Government gross investment, nondefense	99.2013	State and local government gross investment, correctional institutions
	,	99.3011	State and local government gross investment, public highways
)8C	State and local government consumption expenditures, education:	99.3012 99.3013	State and local government gross investment, waterports and airports State and local government gross investment, government-operated transit sys-
98.00C1	State and local government consumption expenditures, elementary and second-	33.0010	tems
98.00C2	ary public school systems State and local government consumption expenditures, public educational facili-	99.3014	State and local government gross investment, other commerce activities, n.e.c.
0.0002	ties beyond high school	99.3015	State and local government gross investment, gas and electric utilities
8.00C3	State and local government consumption expenditures, other education and li-	99.3016	State and local government gross investment, government-operated water supply
	braries		facilities
		99.3017	State and local government gross investment, redevelopment projects
981	State and local government gross investment, education:	99.3018	State and local government gross investment, natural and agricultural resources
98.0011	State and local government gross investment, elementary and secondary public	99.3019	and recreation facilities
	school systems	ม อฮ.อบเฮ	State and local government gross investment, other general government activi-

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

										Ollilivi	ns of dollars
Industry number	For the distribution of industries producing a commodity, read the column for that commodity For the distribution of commodities produced by an industry, read the row for that industry	Livestock and livestock products	Other agri- cultural products	Forestry and fishery products	Agricul- tural, forestry, and fishery services	Metallic ores mining	Coal mining	Crude petroleum and natural gas	Non- metallic minerals mining	New con- struction	Maintenance and repair construction
	Commodity number	1	2	3	4	5+6	7	8	9+10	11	12
	Livestock and livestock products	89,375		205	503						
2	Other agricultural products	09,070	104,546	2,047	1,051	***************************************		***************************************			
3	Forestry and fishery products			9,613	28,251	***************************************		***************************************			
5+6	Metallic ores mining				20,201	10,726	8	***************************************	11		
7 8	Coal mining		,,,,,,,,,,,,,	************	***************************************	**********	26,907	97,613	2	***************************************	
	Nonmetallic minerals mining					12	2		11,720		
11 12	New construction	***************************************	***************************************	*****************	***************************************				***************	456,949	222,381
13 14	Ordnance and accessories	***************************************	***************************************			***************************************			*************	*************	
15	Tobacco products		***************************************		***************************************	***************************************		***************************************	**************	***************	
16 17	Broad and narrow fabrics, yarn and thread mills	***************************************					***************************************		***************************************	***************************************	
18	Apparel						***************************************		***************************************	***************************************	
19 20+21	Miscellaneous fabricated textile products	***************************************					***************************************		***************************************		
22+23	Furniture and fixtures						***************************************				
24 25	Paper and allied products, except containers										
26A 26B	Newspapers and periodicals	***************************************								***************************************	
27A	Industrial and other chemicals	***************************************				***************************************	***************************************	10	3	***************************************	***************************************
27B 28	Agricultural fertilizers and chemicals	***************************************					***************************************		1		
29A	Drugs			***************************************	***************************************	***************************************			***************************************		
29B 30	Cleaning and toilet preparations								***************************************		
31	Petroleum refining and related products			***************************************		***************************************		***************************************	127		
32 33+34	Rubber and miscellaneous plastics products				***************************************	***************************************	***************************************	***************************************			
35	Glass and glass products				••••••			***************************************	419	***************************************	
36 37	Stone and clay products		***************************************	***************************************				***************************************	419	***************************************	
38 39	Primary nonferrous metals manufacturing			***************************************	***************************************						***************************************
40	Heating, plumbing, and fabricated structural metal products							***************************************	***************************************	***************************************	***************************************
41 42	Screw machine products and stampings		***************************************	***************************************		***************************************	***************************************		***************************************	***************************************	***************************************
43	Engines and turbines										***************************************
44+45 46	Farm, construction, and mining machinery Materials handling machinery and equipment				***************************************		***************************************				
47	Metalworking machinery and equipment				***************************************	***************************************	***************************************		***************************************	***************************************	***************************************
48 49	Special industry machinery and equipment				***************************************				***************************************		***************************************
50 51	Miscellaneous machinery, except electrical			***************************************	***************************************		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
52	Service industry machinery								***************************************		
53 54	Electrical industrial equipment and apparatus										
55	Electric lighting and wiring equipment Audio, video, and communication equipment	·····					***************************************	***************************************			
56 57	Electronic components and accessories							***************************************	***************************************		***************************************
58 59A	Miscellaneous electrical machinery and supplies								***************************************		
59B	Truck and bus bodies, trailers, and motor vehicles parts	***************************************					111111111111111111111111111111111111111	***************************************			
60 61	Aircraft and parts					***************************************					
62 63	Scientific and controlling instruments										
64	Miscellaneous manufacturing			***************************************	***************************************	***************************************	***************************************	***************************************	***************************************		***************************************
65A 65B	Railroads and related services; passenger ground transportation										
65C	Water transportation			***************************************			***************************************				
65D 65E	Air transportation	***************************************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		****************				***************************************		
66 67	Communications, except radio and TV										
68A	Electric services (utilities)	***************************************			***************************************	***************************************				***************************************	
68B 68C	Gas production and distribution (utilities)										***************************************
69A	Wholesale trade							***************************************			
69B 70A	Retail trade									***************************************	
70B	Insurance										
71A 71B	Owner-occupied dwellings			***************************************							
72A 72B	Hotels and lodging places						,				
73A	Computer and data processing services			***************************************	***************************************		***************************************	***************************************		***************************************	***************************************
73B 73C	Legal, engineering, accounting, and related services				***************************************						
73D	Advertising Eating and drinking places				***************************************				***************************************		***************************************
74 75	Eating and drinking places										
76	Amusements					***************************************					
77A 77B	Health services							***************************************	***************************************		
78 79	Federal Government enterprises] ······								
82	General government industry							***************************************			
84	Household industry		I	I		I	I	I	I	ł	
85	Inventory valuation adjustment										

by Industries, 1992 at producers' prices]

Ordnance and accessories	Food and kindred products	Tobacco products	Broad and narrow fabrics, yarn and thread mills	Miscellane- ous textile goods and floor coverings	Apparel	Miscellane- ous fabri- cated 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	Indus numb
13	14	15	16	17	18	19	20+21	22+23	24	25	26A	26B	27A	27B	
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	62			219	***************************************	***************************************	9	***************************************	1	***************************************	***************************************	***************************************	1,218 4 718	16,041 235 173 358	
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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	ı

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

										{MIIIIC	ons of dollars
Industry number	For the distribution of industries producing a commodity, read the column for that commodity For the distribution of commodities produced by an industry, read the row for that industry	Plastics and synthetic materials	Drugs	Cleaning and toilet prepara- tions	Paints and allied products	Petroleum refining and related products	Rubber and miscel- laneous plastics products	Footwear, leather, and leather products	Glass and glass products	Stone and clay products	Primary iron and steel manufacturing
	Commodity number	28	29A	29B	30	31	32	33+34	35	36	37
	Livestock and livestock products	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		***************************************						7	
ż	Other agricultural products	***************************************	***************************************	***************************************	***************************************	***************************************		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************	***************************************	***************************************
3	Forestry and fishery products										
5+6	Agricultural, forestry, and fishery services		***************************************	***************************************						9	
77	Coal mining			***************************************			***************************************				***************************************
8	Crude petroleum and natural gas		***************************************		***************************************	7,654	***************************************				
9+10 11	Nonmetallic minerals mining	*************	***************************************			69				344	
12	Maintenance and repair construction		***************************************	***************************************	***************************************	************	***************************************	***************************************	***************************************		
13	Ordnance and accessories		179	8 81	***************************************	***************************************	27	143	***************************************	***************************************	12
14 15	Tobacco products	***************************************	1/9	01	***************************************		21	143	***************************************	***************************************	
16	Broad and narrow labrics, yarn and thread mills Miscellaneous textile goods and floor coverings	2,338		***************************************	***************************************		2	2			
17 18	Miscellaneous textile goods and floor coverings	116	2			25	99 37 57	29 42	***************************************		
19	Miscellaneous fabricated textile products		****************	15		***************	57	12		***************************************	***************************************
20+21	Lumber and wood products		***************************************				79 67		61	7	17
22+23	Furniture and fixtures			333	1/7	***************************************	67 923	1	97	8 17	17
25	Paperboard containers and boxes		<u>'</u>	333			303				
26A	Newspapers and periodicals										
26B 27A	Other printing and publishing	5,575	469	1,468	240	2,136	14 294	41	7	117	26
27B	Agricultural fertilizers and chemicals	334	93	44		10	1	i		1	
28 29A	Plastics and synthetic materials	41,780 10	137 60,829	86 761	15	17	788 2			3	2
29B	Cleaning and toilet preparations	150	340	37,522	38	73	17	***************************************		14	
30	Paints and allied products	114		9	13,893	7	.3	***************************************		22	Δ
31 32	Petroleum refining and related products	125 372	3	100 31	6 34	139,755	13 107,428	17	16 59	80 6	29
33+34	Footwear, leather, and leather products						33	9,226			
35 36	Glass and glass products		37	27	19	65	64 125		17,551 49	41,399	13
37	Primary iron and steel manufacturing	Î					3			9	72,986
38	Primary nonferrous metals manufacturing					***************************************	39		60	8	342
39 40	Metal containers	1	***************************************	****************		***************************************	13 412		23	34	43
41	Screw machine products and stampings			***************************************	1	***************************************	59	2 12	-6	8	6
42 43	Other fabricated metal products	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************	1	3	***************************************	253	1	4	34	90 12
44+45	Engines and turbines	***************************************		***************************************		4	3				71
46	Materials handling machinery and equipment		***************************************			***************************************	13			47	_2
47 48	Metalworking machinery and equipment		***************************************	1	***************************************	***************************************	57 34		1	4/	2 54 13
49	Special industry machinery and equipment	***************************************	*****************	*******************	***************************************	***************************************	20			6	5ŏ
50	Miscellaneous machinery, except electrical					**************	20 22 13		1		50 26 6
51 52	Computer and office equipment		***************************************	26			18				32
52 53 54 55	Electrical industrial equipment and apparatus	5	***************************************			15	6			9	1
54 55	Household appliances Electric lighting and wiring equipment	10	***************************************	1	55		33		13 20	1	75
56	Audio, video, and communication equipment		***************************************				1			ġ	,
57 58	Electronic components and accessories						43 24		וו	10	5
59A	Motor vehicles (passenger cars and trucks)							***************************************		***************************************	
59B 60	Truck and bus bodies, trailers, and motor vehicles parts	1				***************************************	8 35	1		29	2 2
61	Other transportation equipment	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				***************************************	19	***************************************	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************	
62	Scientific and controlling instruments		226	15		***************************************	91	1	12	3	1
63 64	Opthalmic and photographic equipment	1	2	19	67		82 133	6	***************************************	4	
65A	Railroads and related services; passenger ground transportation										
65B 65C	Motor freight transportation and warehousing						***************************************			***************************************	
65C 65D	Air transportation	***************************************	***************************************	***************************************		***************************************	***************************************	***************************************	***************************************	***************************************	
65E 66	Pipelines, freight forwarders, and related services		***************************************	***************************************		**************		***************************************	***************************************		
67	Radio and TV broadcasting		***************************************		***************************************				***************************************	***************************************	
68A	Electric services (utilities)										
68B 68C	Gas production and distribution (utilities)		***************************************						***************************************		
69A	Wholesale trade		***************************************	***************************************	***************************************	***************************************	***************************************				***************************************
69B 70A	Retail trade								***************************************		
70B	Finance		***************************************			***************************************			***************************************		
71A	Owner-occupied dwellings						***************************************			***************************************	
71B 72A	Real estate and royalties										
72B	Hotels and lodging places	***************************************		***************************************		***************************************	***************************************	***************************************			
73A	Computer and data processing services						l			ļ	
73B 73C	Legal, engineering, accounting, and related services										
73D	Advertising		***************************************	***************************************		***************************************	***************************************				
74	Eating and drinking places										
75 76	Automotive repair and services		***************************************	***************************************			***************************************				
	Health services									***************************************	
77A	Headin Services										
77A 77B	Educational and social services, and membership organizations		***************************************	***************************************		l .	4		1	1	1
77A 77B 78 79	Educational and social services, and membership organizations ————————————————————————————————————		***************************************	***************************************		***************************************				37	
77A 77B 78 79	Educational and social services, and membership organizations		***************************************			***************************************		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		37	
77A 77B 78	Educational and social services, and membership organizations ————————————————————————————————————		***************************************							37	

by industries, 1992—Continued at producers' prices]

Primary non- errous metals nanufacturing	Metal containers	Heating, plumbing, and fabricated structural metal products	Screw machine products and stampings	Other fab- ricated metal products	Engines and turbines	Farm, con- struction, and mining machinery	Materials handling machinery and equipment	Metalworking machinery and equipment	Special industry machinery and equipment	General industrial machinery and equipment	Miscellaneous machinery, except electrical	Computer and office equipment	Service industry machinery	Industr numbe
38	39	40	41	42	43	44+45	46	47	48	49	50	51	52	
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		68 36	336 2	190 21	107	12 30,055 65 243 54	136 7,773	126 28	21 28	133 73	63 95 13 225 58 137	1	7	444
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7	***************************************	38	21 4	196	153	7	20	58	93 9 9	109 11	53	70 688 25	4	
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Table 1.—The Make of Commodities [Millions of dollars

										[Million	ns 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 commu- nication equipment	Electronic compo- nents and acces- sories	Miscel- laneous electrical machinery and supplies	Motor vehicles (passenger cars and trucks)	Truck and bus bodies, trailers, and motor vehicles parts	Aircraft and parts	Other transportation equipment
	Commodity number	53	54	55	56	57	58	59A	59B	60	61
1	Livestock and livestock products		***************************************		************			***************************************			
2 3	Other agricultural products		***************************************								
4	Agricultural, forestry, and fishery services										
5+6 7	Metallic ores mining		***************************************		***************************************			••••••			
9+10	Crude petroleum and natural gas	***************************************			***************************************	***************************************		***************************************		***************************************	
11 12	New construction	***************************************			******************						
13 14	Maintenance and repair construction Ordnance and accessories Food and kindred products	1	***************************************		116	16	47		8	2,986	
15 16	Tobacco products	***************************************				***************************************			***************************************		
17	Broad and narrow fabrics, yarn and thread mills			***************************************							
18 19	Apparel		5				***************************************	***************************************	***************		.,
20+21 22+23	Lumber and wood products	2	17	2 31	12	8 22			5		
24 25	Paper and allied products, except containers Paperboard containers and boxes] ាំ			12		371				
26A	Newspapers and periodicals								***************************************		
26B 27A	Other printing and publishing			2		1 8	3			***************************************	
27B 28	Agricultural fertilizers and chemicals	***************************************					1	***************************************		***************************************	
29A 29B	Drugs					******************			***************************************		
30	Paints and allied products	3			***************************************					29	
31 32	Petroleum refining and related products	45	116	150	1	84	8		26	6	5
33+34 35	Footwear, leather, and leather products			5	***************************************				25	1	
36 37	Stone and clay products	7 9	***************************************	9 173	***************************************	28 5	17		41 175	5	
38	Primary iron and steel manufacturing Primary nonferrous metals manufacturing			13	143	106	12	***************************************		3	
39 40	Metal containers	4	97	7		12	6	***************************************	39	5	21
41 42	Screw machine products and stampings	1 93	60	13 47	4	16 28	2		295 105	71	9 22 5 275 12
43 44+45	Engines and turbines Farm, construction, and mining machinery	93 431 27 26 55	ļ	58			3		105 170 137	148 11	275
46	Materials handling machinery and equipment	26	79] 1					8]	12
47 48	Metalworking machinery and equipment	11	25	15		12	4		10	3	4
49 50	General industrial machinery and equipment	104 144 19	4	16	***************************************	21	5 213	7	93 172	5 37	2 4
51 52	Computer and office equipment Service industry machinery	19	83	4	83 7	3,683 13	213 267		633		
53	Electrical industrial equipment and apparatus	26,759 174	7	185 16	23	162	100		64	16	
54 55	Household appliances Electric lighting and wiring equipment	203	16,033	17,802	. 64	170	6 12	8	20 161	2	
56 57	Audio, video, and communication equipment	203 38 118	268 6	66 95		933 67,069	158 105		50	4	
58 59A	Miscellaneous electrical machinery and supplies	38	11	118	261	100	18,906	147,890	236 2,363	29	3 20
59B 60	Truck and bus bodies, trailers, and motor vehicles parts	47		9	126 59	238	458 11	1,765	76,069 100	34 98,325	20 39 48
61 62	Other transportation equipment Scientific and controlling instruments	68 133		197	911	521	19 291	8	100 62 182	2 431	29,393
63	Opthalmic and photographic equipment			2	20		53				
64 65A	Miscellaneous manufacturing Railroads and related services; passenger ground transportation	1]	18	3	6	6	***************************************		32
65B 65C	Motor freight transportation and warehousing										
65D 65E	Air transportation										
66 67	Communications, except radio and TV Radio and TV broadcasting	***************************************									
68A	Electric services (utilities)				***************************************		***************************************	***************************************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		***************************************
68B 68C	Gas production and distribution (utilities)	***************************************			***************************************	***************************************		***************************************			
69A 69B	Wholesale trade										
70A 70B	Finance	***************************************		***************************************						***************************************	
71A	Insurance Owner-occupied dwellings	***************************************		***************************************							
71B 72A	Real estate and royalties		***************************************			***************************************	***************************************		***************************************		
72B 73A	Personal and repair services (except auto)			***************************************			***************************************				
73B 73C	Legal, engineering, accounting, and related services Other business and professional services, except medical										
73D	Advertising	***************************************		***************************************	***************************************						
74 75	Eating and drinking places			***************************************							
76 77A		***************************************			***************************************	***************************************					
77B 78	Educational and social services, and membership organizations Federal Government enterprises				.]						
79	State and local government enterprises	***************************************	***************************************	***************************************	***************************************	***************************************			***************************************		
82 84	Household industry		***************************************								
85 T	inventory valuation adjustment	28,574	16,833	19,055	50,981	73,298	21,103	149,684	81,258	102,154	29,907
	7 - 7 -	1 -0101	1,000	1 .0,000	1 10,001	1		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,

by Industries, 1992—Continued at producers' prices]

Scientific and controlling instruments	Ophthalmic and photo- graphic equipment	Miscellaneous manufacturing	Railroads and related services; passenger ground transportation	Motor freight transportation and warehousing	Water transportation	Air transportation	Pipelines, freight forwarders, and related services	Communica- tions, except radio and TV	Radio and TV broadcasting	Electric services (utilities)	Gas production and distribution (utilities)	Water and sanitary services	Wholesale trade	Indu
62	63	64	65A	65B	65C	65D	65E	66	67	68A	68B	68C	69A	
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786	301	17		***************************************	***************************************		***************************************	***************************************			***************************************	***************************************		1
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			55,576	174	***************************************		***************************************			***************************************			***************************************	1
	***************************************		***************************************	155,590	32,440		***************************************	***************************************		***************************************	***************************************	11,363		1
	***************************************		***************************************			94,141		***************************************			***************************************			1
·····	***************************************	***************************************	542	1,320	194	2,632	28,928	205,941						1
			***************************************	***************************************	************************		***********	200,941	2,674	***************************************	***************************************	***************************************		
				***************************************			***************************************	***************************************		170,428		468		Į .
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Table 1.—The Make of Commodities [Millions of dollars

									[Milli	ons 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	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
	Commodity number	69B	70A	70B	71A	71B	72A	72B	73A	73B
1	Livestock and livestock products									
2	Other agricultural products				***************************************					***************************************
3	Forestry and fishery products		***************************************		***************************************					
5+6	Metallic ores mining	***************************************	***************************************						***************************************	
7 8	Crude petroleum and natural gas		*************		*************************		***************************************		***************************************	
9+10	Nonmetallic minerals mining		***************************************				***************************************			
12	New construction		***************************************							
13 14	Ordnance and accessories		***************************************	***************************************					***************************************	
15	Tobacco products	***************************************				***************************************			***************************************	
16 17	Broad and narrow fabrics, yarn and thread mills								***************************************	
18 (Apparel		***************************************							
19 20+21	Miscellaneous fabricated textile products		*****************	***************************************				***************************************		
22+23	Furniture and fixtures	***************************************	***************************************	.,	***************************************	**************	***************************************			
24 25	Paper and allied products, except containers	***************************************	***************************************	***************************************	***************************************	***************************************	***************************************	***************************************		
264	Newspapers and periodicals	***************************************								
27A	Other printing and publishing Industrial and other chemicals	***************************************			***************************************				***************************************	
27B 28	Agricultural fertilizers and chemicals									
29A	Drugs	***************************************	***************************************			***************************************				
29B 30	Cleaning and toilet preparations	***************************************								
31	Petroleum refining and related products	***************************************	***************************************		***************************************				***************************************	
32 33+34	Rubber and miscellaneous plastics products		***************************************			***************************************		***************************************	***************************************	
35 36	Glass and glass products		***************************************			**************	***************************************		***************************************	
36	Stone and clay products	***************************************	***************************************	****************	***************************************		*******************		***************************************	
38 39	Primary nonferrous metals manufacturing				***************************************				******************	***************************************
40	Metal containers		***************************************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************		***************************************		***************************************	
41 42	Screw machine products and stampings Other fabricated metal products									
43	Engines and turbines	***************************************	***************************************	***************************************	***************************************	***************************************	***************************************	***************************************	***************************************	
44+45 46	Farm, construction, and mining machinery		***************************************					***************************************		
47	Metalworking machinery and equipment	***************************************	***************************************							
48 49	Special industry machinery and equipment	***************************************	***************************************	***************************************						***************************************
50 51	Miscellaneous machinery, except electrical							***************************************	1 505	.,
	Service industry machinery	******************	***************************************	***************				***************************************	1,505	***************************************
53 54	Electrical industrial equipment and apparatus							***************************************		***************************************
52 53 54 55 56 57	Electric lighting and wiring equipment		***************************************		***************************************					***************************************
56 57	Audio, video, and communication equipment									
58	Miscellaneous electrical machinery and supplies	***************************************								
59A 59B	Motor vehicles (passenger cars and trucks)	***************************************	***************************************	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	******************	***************************************	***************************************			
60 61	Aircraft and parts]				***************************************				***************************************
62	Scientific and controlling instruments		***************************************		***************************************	***************************************	***************************************			
63 64	Opthalmic and photographic equipment									
65A	Railroads and related services; passenger ground transportation					***************************************	***************************************			
65B 65C	Motor freight transportation and warehousing				***************************************	***************************************	***************************************			***************************************
65D 65E	Air transportation					***************************************				
66	Communications, except radio and TV				***************************************		***************************************	***************************************	***************************************	
67 68A	Radio and TV broadcasting									
68B	Gas production and distribution (utilities)									***************************************
68C 69A	Water and sanitary services									
69B	Retail trade	522,519								***************************************
70A 70B	Finance		390,710	448 231,097						
71A	Owner-occupied dwellings			229	457,250	549,884				
71B 72A	Real estate and royalties		***************************************	229		549,884	58,936			
72B	Personal and repair services (except auto)				***************************************			91,564	115,730	
73A 73B	Computer and data processing services	***************************************							387	251,701
73C 73D	Other business and professional services, except medical							449	416	896
74 (Eating and drinking places	***************************************								
75 76	Automotive repair and services							***************************************		
77A	Health services		***************************************			***************************************			***************************************	
77B 78	Educational and social services, and membership organizations	2,092	***************************************	-177		422		3		***************************************
79	State and local government enterprises	1,567	64	57		8,766				
82 84	General government industry				***************************************					
85	Inventory valuation adjustment	526,178	390,774	231,654	457,250	559,738	58,936	92,016	118,038	252,597
	IVER VVIIIIVALLY VEIPEL	320,170	390,174	201,004	401,200	303,730	30,330	32,010	110,000	202,097

by industries, 1992—Continued at producers' prices]

Other business and professional services, except medical	Advertising	Eating and drinking places	Automotive repair and services	Amusements	Health services	Educational and social services, and membership organizations	Federal Government enterprises	State and local government enterprises	Scrap, used and second- hand goods	General government industry	Household industry	Inventory valuation adjustment	Total industry output	Industry number
73C	73D	74	75	76	77A	77B	78	79	81	82	84	85		<u> </u>
***************************************				534	***************************************						***************************************		91,504	1
		***************************************		504									108,294 9,613	2 3
***************************************		***************************************	***************************************	***************************************	***************************************							***************************************	28,251	4
	***************************************												10,749	5+6 7
		***************************************	***************************************			***************************************			***************************************	***************************************			26,917 105,369	8
	***************************************	**********************		***************************************		******************			***************************************				13,682	9+10
411111111111111111111111111111111111111	***************************************	***************************************			***************************************			***********************	*****************				456,949 222,381	11 12
										***************************************	***************************************		25,760	13
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		***************************************			***************************************		5	***************************************	***************************************	***************************************	408,482 40,146	14
			******************	***************************************			***************************************						41,646	16
••••••			***************************************									l	17,580 69,132	12 13 14 15 16 17 18
	***************************************		***************************************	***************************************			***************************************		***************************************	***************************************	******************	***************************************	19,055	19
		***************************************		***************************************					36	***************************************			86,865 42,977	20+21
*******************	***************************************	***************************************	***************************************	*****************	***************************************	***************************************	***************************************		12 79			***************************************	99,613	22+23
		***************************************					***************************************		132				31,938	25
*******************	35,360 30,114	***************************************	***************************************	***************************************		***************************************			19 72		***************************************		56,711 110,564	20+21 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+232 22+2242 22+2242 22+2242 22+2242 22+2242 22+2242 22+2242 22+2242 22+2242 22+2242 22+2242
***************************************		***************************************		***************************************	***************************************	***************************************		***************************************	57			***************************************	109,880	27A
									2 29				17,831 48,040	278
		***************************************	***************************************						18		***************************************		62,674	29Ã
		***************************************	***************************************	***************************************					11		***************************************		39,628 14,198	29B
***************************************	***************************************		***************************************		***************************************				19				145,709	31
	***************************************								64				111,361	32
***********	***************************************		***************************************		***************************************	***************************************			12				9,368 17,815	33+34
	***************************************	***************************************		***************************************		***************************************		***************************************	28	*****************	***************************************	***************************************	42,904	36
***************************************	***************************************		***************************************		***************************************	***************************************		***************************************	31 57		***************************************		76,565 63,773	37 38
	***************************************	***************************************											13,065	39
	***************************************	***************************************	***************************************		***************************************				50 317	***************************************			49,491 34,703	40
***************************************	***************************************	***************************************	***************************************		***************************************	***************************************			17				53,974	42
									17				17,044	43
80				***************************************			***************************************	***************************************	21 4	***************************************	***************************************		32,031 8,152	44145
									8				25,611	47
	.,								78		***************************************		20,231 29,814	48 49
		***************************************						***************************************	17	***************************************			25,071	50
***************************************		***************************************	***************************************		***************************************	***************************************			36				63,924 26,455	51 52
***************************************		***************************************		***************************************	***************************************	***************************************		***************************************		***************************************			27,809	53
			***************************************	***************************************	***************************************	***************************************	***************************************	***************************************	3	***************************************			16,636 19,111	54 55
	***************************************	***************************************		49	***************************************	***************************************						***************************************	52,155	56
		***************************************	***************************************			***************************************					***************************************		70,940 21,223	57 58
					***************************************	***************************************	***************************************	********************	24	***************************************		***************************************	150,738	59Ã
		••••••	***************************************	***************************************		***************************************	***************************************	***************************************	231				80,266 101,709	59B
		***************************************	***************************************		***************************************	***************************************	***************************************	***************************************	11	***************************************	***************************************		30,000	61
									9	***************************************			105,489 24,131	62
	2,401								2	*****************************			41,315	64
									4	***************************************		·····	55,754	
					***************************************	***************************************			***************************************	***************************************			166,953 32,440	65C
													94,141	65D
	2,153	***************************************				***************************************	***************************************			***************************************	***************************************		33,616 208,094	66
	26,685	***************************************	***************************************			***************************************							29,359 170,896	67
***************************************		***************************************	***************************************	*************************	***************************************	***************************************			***************************************	***************************************			93,157	68B
			***************************************					424	114	***************************************			19,182	68C
			***************************************	***************************************	***************************************	***************************************	***************************************	***************************************	***************************************	***************************************	***************************************	***************************************	568,970 522,519	69A
			25,114		***************************************	***************************************			***************************************	***************************************			416,272	70A
			***************************************	***************************************	***************************************	***************************************		***************************************	***************************************	***************************************			231,097 457,250	70B
					***************************************			***************************************	***************************************				550,113	71B
208	***************************************	***************************************	***************************************		***************************************	***************************************	***************************************	***************************************	***************************************	***************************************	***************************************		59,602 91,772	72A
	***************************************				***************************************		***************************************	***************************************	***************************************	***************************************			115,730	73A
4,273 327,026	11 //7		72	93	***************************************					***************************************			256,361 340,445	73B
327,026 214	11,447 29,651	***************************************	12							***************************************	***************************************	***************************************	29,865	73D
	,,	280,187	***************************************						521				280,708	74
131 74	18		138,235	121,276		***************************************	***************************************	***************************************			***************************************		138,381 121,368	75 76
379					564,607		***************************************						564,986 228,332	77 <u>7</u> Ă
	701	1,830		98		227,631	50,200		***************************************	***************************************	***************************************	***************************************	228,332 60,972	77B
***************************************	***************************************		987	383				29,738	***************************************		***************************************	***************************************	92,806	79
	***************************************		***************************************	***************************************	***************************************	***************************************		***************************************	***************************************	764,389	10,087		764,389 10,087	82
				***************************************		***************************************		***************************************	***************************************			-7,982	 -7,982	668 665 665 665 665 665 665 665 665 665
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

										[Millio	ns of dollars
Com- modity number	For the distribution of output of a commodity, read the row for that commodity For the composition of inputs to an industry, read the column for that industry	Livestock and livestock products	Other agri- cultural products	Forestry and fishery products	Agricul- tural, forestry, and fishery services	Metallic ores mining	Coal mining	Crude petroleum and natural gas	Non- metallic minerals mining	New con- struction	Maintenance and repair construction
	Industry number	1	2	3	4	5+6	7	8	9+10	11	12
1	Livestock and livestock products	12,133	5	66	672						
2	Other agricultural products	22,177	3,044	262	3,160 38		***************************************	1		1,217	661
4 5+6	Agricultural, forestry, and fishery services Metallic ores mining	4,050	7,787	2,023	152	16 2,083	17	3	6	1,335	814
7	Coal mining	***************************************				15	3,042		58		
9+10	Crude petroleum and natural gas	7	289		2	7	10	20,296	474	3,291	2,154
11 12	New construction	997	1,273	335	290	206	70	2,293	101	170 270	154
13 14	Ordnance and accessories	15,973	***************************************	311	94						
15 16	Tobacco products		268				84				
17 18	Miscellaneous textile goods and floor coverings Apparel	139	213	56	80				***************************************	1,189	660
19	Miscellaneous fabricated textile products		164	9	84					294 23,353	181
20+21 22+23	Lumber and wood products	44	460			36	67	1	***************************************	1,346	14,386
24 25	Paper and allied products, except containers	211 6 7	251 728	17 23	136	4 4	6	1 2	9 2	1,808 266	608 143
26A 26B	Newspapers and periodicals	7	8	9	5 6		1	2	18	133	77
27A 27B	Other printing and publishing Industrial and other chemicals Agricultural fertilizers and chemicals	121 215	62 8,358	3 28	5 2,177	515	243 2	1,174	257	1,629	697
28	Plastics and synthetic materials			***************************************				***************************************			
29A 29B	Drugs	288 65		14	[***************************************	5	***************************************	147	111
30 31	Paints and allied products	796	2,937	343	175	261	633	632	493	4,106 5,445	2,073 4,505
32 33+34	Rubber and miscellaneous plastics products	396 35 8	605	7	32	90	243	15 1	147	7,039	3,899
35 36 37	Glass and glass products	8	136	***************************************	11 5	58	104	189	7	1,055 23,431	156 6,224
37 38	Primary iron and steel manufacturing	11	17	***************************************		287	82 13	1,191	160	3,699 3,484	1,519 1,677
39 40	Metal containers	20	25	2		81	71	38	51	23,542	9,353
41	Heating, plumbing, and fabricated structural metal products	34 139	259		67	13	134 63	448	11 9	284 9,166	111
42 43	Other fabricated metal products Engines and turbines	253	684	12	22	27	93	22	42		3,653
44+45 46	Farm, construction, and mining machinery			40	22	316 66	884 157	288 52	508 187	907 1,327	408 22
47 48	Materials handling machinery and equipment	31	45		1	7	5	19	3	319 2	104 4
49 50	General industrial machinery and equipment	31 50	72 138	1	13 13	35 23	223 114	103 169	94 14	3,293 239	636
51 52	Computer and office equipment Service industry machinery			2	2		4	4		5,019	2.361
53 54	Electrical industrial equipment and apparatus	9	22	3		15	53	71	44	2,696 945	2,361 1,028 552
55	Household appliances	36	46	2	19		16	9	1	8,267 1,896	3,651
56 57	Audio, video, and communication equipment				29	***************************************					626 438
58 59A 59B	Miscellaneous electrical machinery and supplies	186	496	5		3	/	9	12	977 552	324
60	Truck and bus bodies, trailers, and motor vehicles parts	58	140	27	43	15	34	40	48	<i>,</i>	
61 62	Other transportation equipment			14	9	2 2	1	1		64 1,503	35 586 23
63 64	Opthalmic and photographic equipment	29	47		8	2	3	11	5	48 1,543	23 732
65A 65B	Railroads and related services; passenger ground transportation	1,168 1,933	287	13 26	60 248	57 143	769 311	160 252	l so	001	486
65C 65D	Water transportation	l 115	1,142 190 82 21	26 155 32	248 13 329	143 16 34	143 95	252 264 246	10	463 640	3,521 285 326
65E	Air transportation	15 90 229	21 250	1 13	1 2	1 26	5 36	196	227 10 38 2 40	10	6
66 67	Communications, except radio and TV		***************************************							***************************************	1,014
68A 68B	Electric services (utilities)	1,710	861 314	7 2	50 2	795 77	586 35	1,626 2,821	683 274	710 113	389
68C 69A	Water and sanitary services	107 4,931	544 5,971	15 203	974	302	846	83 935 126	8 475	509 18,148	298 8,719
69B 70A	Retail trade	466	509	203 20 79 48	8 174	15 80	37 183	126 589	45 129	18,381 2,934	10,049 1,329
70B 71A	Insurance Owner-occupied dwellings	311	371			26	44	113	46	2,710	842
71B	Real estate and royalties	3,973	9,375	12	215	94	565	17,182	158 38	2,478	1,297
72A 72B	Hotels and lodging places	25 26 53 60 430	36 72 60 75	28 6 13	43 72	32 5	81	264 12	1 4	242	1,297 222 146 202 8,059 7,381
73A 73B	Computer and data processing services	53	60 75	13 222 159	16 412		23 408 201	115 1,882	131	340 31,394	8,059
73C 73D	Other business and professional services, except medical	430	1,122	159	307 101	134	201 14	384 128	52 131 120 43 55 30	13,343 343	7,381 186
74 75	Eating and drinking places Automotive repair and services	185	16	6 35 55	58 371	5 42 49	14 96 45	312 113	55	343 503 3,002	271 1,815
76	Amusements	1,414		32	219		Ĭ	30	"	56	33
77A 77B	Health services Educational and social services, and membership organizations	54	63	25	18	18	53	80	8	27	11
78 79	Federal Government enterprises	9 16	I 36	1 1	28 16	4] 3	2	8 20	468 14	8
80 81	Noncomparable imports		45		2	84	23	1,033	20	5	3
82 83	General government industry				***************************************						
84 85	Household industry Inventory valuation adjustment	***************************************	***************************************		***************************************					***************************************	***************************************
VA	Total intermediate inputs Value added	75,901 15,603	50,554 57,740	4,807 4,806	11,269 16,982	6,419 4,330	11,113 15,804	56,056 49,313	5,468 8,214	254,179 202,770	112,529 109,852
_ *	Total industry output	91,504	108,294	9,613		10,749	26,917	105,369		456,949	
	 	•		•	•	•	•				

by Industries, 1992

at producers' prices]

Ordnance and accessories	Food and kindred products	Tobacco products	Broad and narrow fabrics, yarn and thread mills	Miscel- laneous textile goods and floor coverings	Apparel	Miscel- laneous 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	Com- modity number
13	14	15	16	17	18	19	20+21	22+23	24	25	26A	26B	27A	27B	_
25	71,965 31,764 2,988 117	3,095	389 2,692 10	52 46 5	19 56 195 11	5	7,058 25	5 22 12	11 41 366	 8	26	5 29	587 29 46 1,055 206	10 7 17 29	1 2 3 4 5+6
									324				3,459 1,009	17 29 624 918	9+10 11
147 362	1,703 63,572	86	220	163	279	64	286	185	1,205 639	159	331	565	1,092	148	11 12 13 14
14	20	3,348	8,781 61	2,974 550	14,833 23	5,101 1,160	169	1,927 1,129	109 664		4	72 41	1	***************************************	15 16 17
13 52	73 73	2 1	34	2	13,656 2,210 1	438 607 35	7 2 26,156 74	3 20 3,314	5 2 6,508	37	11	7	1 37		18 19 20+21
7 50 3	5,150 7,879	109 452	30 44	28 47	75 101	13 40	49 232 13	421 100 679	14,665 1,306 7	13,453 77 21	5,089 15 1,149	16,110 493 164	290 532 8	47 81	22+23 24 25 26A
207 21	1,188 2,116 1	258 4	944 944	1 388	30 5	12 109	15 441 211	2 12 69	193 4,693 24	7 661	3,927 411	12,341 1,978	19 25,203 926 860	106 1,946 2,046	26B 27A 27B
80	162 1,277 484	283 68	6,874	4,264 75	840 283	395	323 8	129	2,432 421	151		7	116	71	28 29A 29B
8 66 358	1,283 7,378	55 225	147 195	73 170	147 346 258	45 340	144 624 811	32 394 217 1,908	9 640 3,316	106 239 146	1 111 19	3 217 1,364	530 1,891 1,245	183 149	22+23 244 25 26A 27A 27B 28A 29A 301 32-27B 301 32-33-34-34-34-34-34-34-34-34-34-34-34-34-
36 370	4,014 12	3	298 1	10	258	430	9 271 346 38 17	45 169 121 1,617	83	229	1	2 2 28	107 120 319	16 30	33+34 35 36 37
461	9,422		***************************************				490	439	29 90	233 71		28 47	9 647	85	38 39 40
170 242 22	599 1,229 6	46	•		5		352 952	477 2,004	5 332	18 234	23	25	715	42	41 42 43
37	44	10	15 62	4	2	7	29 76	36	54	24 148	4	30	42 640	1	44+45 46 47
81 273 161	125 226 172	1 5 2	70	207	191 5 21	36 19	35 152 142	36 16 73 85	54 292 35 212	61	25 19 22	413 94 49	5 388	10 9	49 50
166	45 100	15	2		1		70 6 173	2 12	8 22		2	1	47 79	1	52 53 54
20 281 1,316	94	17	2	***************************************			132	7	23	***************************************	3	3 4	6	2	55 56 57
7	18 198	2	6	1	10		16 238	16	6 22	1 8	21 39	14	12	4	58 59A 59B
1,976 805 6	8	3				4	2 1 12	10	21	6	19 147	114 792	98 21	8	60 61 62
30 178	26 2 580	5 37 182	165 427	1 102 293	712 70 580	23 22 239	36 633	11 141	10 4 1,136 2,808	378 1 211	21	70 497	1 185	279	65A
115	6,159 868 1,388 12	182 9 110 2	427 15 129	293 23 58	580 5 287 2	239 6 89	2,075 137 281 4	580 15 153	2,808 190 357 8	1,211 12 145	508 4 197 4	1,804 24 436 3	2,539 390 396 186 235	986 86 54	65C 65D 65E
80 221 44	601	61	1,143	48 252	136 689	159 67	1,060	136 384 101	225 2,584	91	348 293 56	432 890		38 291	66 67 68A
44 23 655 3	3,381 1,656 527 22,495 759	15 5 716 115	1,143 203 48 1,926	252 96 35 697 3	689 230 32 2,947 12	940	1,060 183 119 5,197 77	101 38 2,977 74	2,584 1,189 547 5,006 138 675 161	324 77 30 1,967	17 1,344 41	236 75 3,999 36	2,847 2,188 875 5,778	291 375 102 919 11	68C 69A
172 35	2,676 677	261 56	1,926 27 230 56	117 25	453 93	134 27	591 151	341 77	675 161	206 46	403 96	751 170	63 792 188	186 30	70A 70B 71A
247 78 23	1,621 1,063 465 676	136 121 37 66 369 292 3,166	140 108 247	81 53 72	763 208 105 96	287 58 11	582 260 132 174 338	454 129 33	365 299 291	163 95 56	1,750 172 45	2,533 337 129 399 427 1,838 1,170	806 334 266 390	90 55 49 78 234 384 249 65 112	71B 72A 72B
224 128 398	1,172 4,067	66 369 292	140 108 247 103 110 498 107	57 66 194	3.071	11 27 73 179	I 1.010	454 129 33 82 326 689 467	365 299 291 382 227 1,429 620 373 678	163 95 56 78 63 396 52	45 366 752 2,071	399 427 1,838	390 2,714 1,748 757	78 234 384	73A 73B 73C
247 78 23 224 128 398 125 103 53 5	10,554 1,306 1,532	118	151 181	81 53 72 57 66 194 173 68 79	764 288 157	92 83 37	335 350 430	467 185 114	620 373 678	117 148	1,536 205 214	535	413 587	249 65 112	73D 74 75
5 18 4	199 250 169	33 54	23 22 24	10 19	26 45 63	114 26	21 255 53	7 63 53	30 96 56	7 20 17	35 49 431	41 145 274	34 88 66	4 21 4	65B 65C 65C 65C 65C 65C 65C 65C 65C 65C 65C
14 6	358 498	26 17	22 24 28	27 10 37	156 25	26 52 2	143 9	63 53 76 33 7	96 56 164 101 800	18 18 14	68 64	153 183	82 877	29 28 5	79 80 81
		***************************************				***************************************						***************************************	***************************************		82 83 84
10,829 14,931 25,760	283,455 125,027 408,482	14,415 25,731 4 0,146	27,127 14,519 41,646	11,811 5,769 17,580	45,814 23,318 69,132	11,677 7,378 19,055	55,007 31,858 86,865	23,515 19,462 42,977	59,763 39,850 99,613	21,638 10,300 31,938	22,694 34,017 56,711	53,053 57,511 110,564	69,592 40,288 109,880	11,644 6,187 17,831	85 I VA T

Table 2.1.—The Use of Commodities [Millions of dollars

										[Millio	ns of dollars
	For the distribution of output of a commodity,						Dubbas				
Com-	read the row for that commodity	Plastics and		Cleaning and toilet	Paints and	Petroleum refining	Rubber and mis-	Footwear, leather.	Glass and	Stone and	Primary iron and steel
modity number	For the composition of inputs to an industry, read the column for that industry	synthetic materials	Drugs	prepara- tions	allied products	and related products	cellaneous plastics	and leather	glass products	clay products	manu- facturing
	,	materials		แบกร	,	products	products	products	,	,	acturing
	Industry number	28	29A	29B	30	31	32	33+34	35	36	37
2	Livestock and livestock products		137	41	<u>.</u>	1					
3 4	Forestry and fishery products	1 16	22 30	13	7 4	1 20	831 40	1	9	1 23	30
5+6	Metallic ores mining	58	18	9	20	21	16		17 98	23 19 283	2,194 1,349
8	Crude petroleum and natural gas	237				74,499	***************************************		192	2,889	231
9+10 11	Nonmetallic minerals mining New construction	***************************************		13	52	407	13 757	***************************************		325	576
12 13	Maintenance and repair construction	499	455	215		1,097	757	65	141	325	576
14 15	Food and kindred products	52	216	401	129	139	11	843		16	
16 17	Broad and narrow fabrics, yarn and thread mills	9	8	12			1,029 1,192	248 201	1	150	
18	Apparel	2			***************************************	***************************************	9	4			***************************************
19 20+21	Miscellaneous fabricated textile products		2 1	2	***************************************	3	12 171		173	165	152
22+23 24	Furniture and fixtures	760	153	117	2	113	957	54	41	477	25
25 26A	Paperboard containers and boxes	212	664 6	1,503	1	133	1,391 R	31	752	159 2	16 2
26B	Other printing and publishing	1	387 1,529	160	11	2.093	38	1 328	2 699	1.090	97 904
27A 27B	Agricultural fertilizers and chemicals	16,336 226	1,529	3,859	2,895	2,093	5,376				904
28 29A	Plastics and synthetic materials	1,591	8,365	***************************************	1,777	***************************************	19,776	11		242	
29B 30	Cleaning and toilet preparations	279 16	49	2,147 11	2 253	419	78 75	40	35 12	93 56	19
31 32	Petroleum refining and related products Rubber and miscellaneous plastics products	199 2.023	83 1,312	423 2,431	142	12,427 476	322 6,354	50 296	108 386	471 349	436 137
33+34	Footwear, leather, and leather products	2,023			3	1		2,132		***************************************	
35 36 37	Glass and glass products	8	256 11	214 3	185	330 278	611 155	6	1,608 245	103 4,374	1,183
37 38	Primary iron and steel manufacturing	1		1	5	20	519 70		19	356 61	14,171 1,465
39 40	Metal containers Heating, plumbing, and fabricated structural metal products	4	81	431	500	137	33		***************************************	19	2 5
41	Screw machine products and stampings		65 40	49 94	2		270	3	14	52 285	275
42 43	Other fabricated metal products	16	40	94	2	116	668 20	61		285	1,228 23
44+45 46	Farm, construction, and mining machinery			***************************************		***************************************	2				17
47 48	Metalworking machinery and equipment Special industry machinery and equipment	24	3	7	1	19	204	2	89 20	97	649 26
49	General industrial machinery and equipment	20 26 75	41 24	4 34		91	204 331 25 640		78	37 107	1,273 410
50 51	Miscellaneous machinery, except electrical	/5	24	34		91	040	14			410
52 53	Service industry machinery	1 5	2 7	7 21		1	6 37		36	8	548
54	Household appliances Electric lighting and wiring equipment	4	12	20		8	43		7	18	
55 56 57	Audio, video, and communication equipment						63				
58	Miscellaneous electrical machinery and supplies					2	19		***************************************	12	4
59A 59B	Motor vehicles (passenger cars and trucks) Truck and bus bodies, trailers, and motor vehicles parts	1	15	2	2	49	14	***************************************	6	42	13
60 61	Aircraft and parts		***************************************	*******************		***************************************					
62 63	Scientific and controlling instruments	4 4	14 42	5 5	4	25 6	11 16		8 2	15 4	87 8
64 65A	Miscellaneous manufacturing Railroads and related services; passenger ground transportation	1 460	30 126	6 205	1 258	5 351	16 768	14	1 1	32 601	1,225
65B 65C	Motor freight transportation and warehousing Water transportation	945	254 12	205 453 54	258 360 45 40	699 725	3,349	103	258 263 59 54	2,859 413	1,886 427
65D	Air transportation	945 159 169 13	211	134	40	97	183 413			127	298
65E 66	Pipelines, freight forwarders, and related services	214	210	123	2 35	4,501 176	308 308	28	50	146	149
67 68A	Radio and TV broadcasting	1,072	440	207	83	1,564	2,246	72	524	1,177	2,804
68B 68C	Gas production and distribution (utilities)	602 259 2,374	153 120	83 68	24 50	11,668 422	421 160	31 90 409	298 40 797	825 97	1,175 535
69A	Wholesale trade	2,374	3,970	2,032	619	5,769 26	4.776	409	797	1,550	535 5,515
69B 70A	Retail trade	28 363	46 483	127 303	108	1,131	135 832	3 58 17	118 118	297	21 542
70B 71A	Insurance Owner-occupied dwellings	68	85	55	1	Į	1	ł	29	l	
71B 72A	Real estate and royalties	187 145	500 196	344 124	58 44	139	1,035 337	62 26	113 54	332 128	289 229
72B 73A	Personal and repair services (except auto)	134	156	124 35 83 604	9	253	205 367 696	1 9	54 47 72	128 125 166 227 716	229 317 452
73B	Computer and data processing services Legal, engineering, accounting, and related services	1.348	1,730	604	22 158	978	696	51 27 89	72 64 256 76 74	227	452 318
73C 73D	Other business and professional services, except medical	645 280	1,530 3,715	626 2,604	187	I 532	1,525 649	211	256 76	716 256 171	1,428 331 296
74 75	Eating and drinking places	181 293	235 161	150 104	52 33	482	504	24	74 107	171 281	638
76 77A	Amusements Health services	18	57	38	7	23	32	1	3	8	18
77B	Educational and social services, and membership organizations	j 92	229	64	9	105 44	408	4	11	30	51
78 79	Federal Government enterprises	13 47	22	41 12		35	71	25	14	26 100	57 [
80 81	Noncomparable imports	215	1,911	379	68	330	234	2	30 100		86 2,320
82 83	General government industry Rest of the world adjustment to final uses										
84 85	Household industry Inventory valuation adjustment			***************************************	***************************************	***************************************		***************************************	***************************************		
ŀ	Total intermediate inputs	33,252	30,717	21,319	8,427		62,561	5,856 3,512	8,370	23,345	49,153
VA T	Value added	14,788 48,040	31,957 62,674	18,309 39,628				3,512 9,368	9,445 1 7,815		27,412 76,565
				<u> </u>	<u> </u>		•	<u> </u>			

by industries, 1992—Continued at producers' prices]

Primary non- ferrous metals manufacturing	Metal containers	Heating, plumbing, and fabri- cated structural metal products	Screw machine products and stampings	Other fabricated metal products	Engines and turbines	Farm, con- struction, and mining machinery	Materials handling machinery and equipment	Metalworking machinery and equipment	Special industry machinery and equipment	General industrial machinery and equipment	Miscellaneous machinery, except electrical	Computer and office equipment	Service industry machinery	Commodity number
38	39	40	41	42	43	44+45	46	47	48	49	50	51	52	
								***************************************	***************************************	***************************************			***************************************	1 2
28 2,399	2	14	6	19	8	13 12	2	9	7	15	12	16	7	3 4
18	1	2	2	3	1	3		1	1	2	2	1	2	5+6 7 8
15				1				21	1	***************************************				9+10 11
366	63	178	334	317	112	164	33	159	118	149	164	380	174	12
9		***************************************	***************************************	***************************************	***************************************	***************************************	***************************************	***************************************	***************************************	***************************************		***************************************	***************************************	15 16
			***************************************	3	7	***************************************	***************************************	3	2	214 1	33	***************************************	***************************************	17 18
194		29	15	72	***************************************	50	10	82	54	27	4		63	20+21 22+23
28 56	5 38	32 216	57 196	234 330	7 14	10 33	4	16 94	137 22	128 122	8 67	35 182	124 98	24 25
1 3	79 104	3 5	1 4	2 2	2	1 5 22	1 3	5	1 2 26	3	3 4	8	1	26A 26B
253 929	104	535	173	629		22		166	26	15	12	24	60 107	27A 27B 28
		3	5	15	***************************************			***************************************	***************************************	***************************************	***************************************	5	10	29A 29B
7 304	285 33 18	251 150 537	81 69	363 190	20 26 202	121 69 1,352	11 31 162	52 73 237	51	15 91 772	8 61	36 45 812	85 45 704	30
615		3 281	142	1,504 54	202	1,352	102	23/	400		120		704	8 9+101 123 144 151 155 155 155 155 155 155 155 155
140 666	8 2,249	70 8,750	28 60 7,476	123 6,173	75 2,224	40 3,396 270	8 917	228 1,933	41 1,267	78 2, <u>2</u> 86	89 1,844	8 72	119 1,435 1,553	36 37
21,355	4,166 1,177	4,235 1,818	1,673	3,087 6 59	235	270 1,425	196	573 311	847 292	781	1,524	496 ' 427		38 39 40
32 427	5 196	627 1,677	525 800	1,154 3,498	643 577	458 530	130 250 191	218 296	194 572	287 376	245 402	482 197	222 840 459	41 42
		***************************************	***************************************	39	1,236	1,700 1,215	64	***************************************	67	143	24	***************************************	29	43 44+45
600 61	16	330	716 2	232	106	9 160	153 37	1,184	3 185 672	150	383	28	125	46 47 48
405 236	43	112 236	65 647	18 434	283 760	882 886	463 245	265 777	508 803	2,306 966	319 1,585	23 85	467 577	49 50
183		10 78	21	1 313	691	214		580	18 3 774	1 110	69	11,698	2,003 1,422	51 52
51		2	6	313		10	247	6		1,112	5	64	181	54 55
			***************************************			***************************************	33	12	35 19	53	78	71" 13,515	4	56 57
10		1	25	5	199	192	33	45	19	20	18	15		59A 59A
		***************************************						***************************************						60 61
5 4	1	108 8	5	3 6	2	3	1	11 5	3	12 4	8	3 13	432 4 12	62 63
562 1,870	58 229	186 801 17	156 524	154 720 37 174	20 298	66 508	12 91	37 276	29 203 3	32 257 2 126	47 230	48 116 5	45 250	65A 65B
562 1,870 92 238	58 229 8 38	17 163	156 524 21 122	37 174	103	66 508 17 149	35	6 92	3 101	2 126	47 230 6 107	5 357 3	45 250 5 103	65C 65D
127	1 21	151	70	180	38	92	29	112	94	129	72	245	78	66 67
2,303 435 181 5,438 8	166 57	419 168	441 124 396 1,996 19 261	782 290	135 35 20 960	260 85 26 2,345 9	49 19 3	285 69 18 1,212	163 42 13 1,413	321 85	304 75 19 947 5	348 44	199 56	68A 68B
181 5,438	17 866	3,002	396 1,996	110 2,945	20 960	26 2,345	700	18 1,212	13 1,413	31 1,815	19 947	34 6,631	72 1,786	68C 69A
412 91	166 57 17 866 5 84	419 168 43 3,002 32 331 66	261 51	782 290 110 2,945 35 383 77	112 22	228 49	52 13	175 38	132 25	321 85 31 1,815 8 202 42	176 34	348 44 34 6,631 16 484 82	199 56 72 1,786 18 194 38	70A 70B
	61													71A 71B
299 191 135 191 166 789 114 249 306	40 25 31 46 130 33 50 60 5	507 150 44	274 100 75 125 286 611 263 141 151	474 167 87 201 366 860 490 231	97 52 22 81	154 100 38 121 225 381 261 135 100	61 22 6 15 68 93 58 32	276 79 25 76 203 345 189 123 88	221 62 16 45 193 240 166 92 49	207 90 40 99 216 417 289 132 105 5	337 76 26 55 189 472 223 101	819 200 32 560 603 727 613 231 131	136 79 26 107 158 264 221 107 74	72A 72B
166 789	46 130	124 218 1,044 276 209	286 611	366 860	48	225 381	68 93	203 345	193 240	216 417	189 472	603 727	158 264	73B 73C
114 249	33 50	276 209	263 141	490 231	200 39 69 50	261 135	58 32	189 123	166 92	289 132	223 101	613 231	221 107	73D 74
		147 8	151 11	238 9	50 5	100 11	18 1	88 3	49	105 5	75 8			75 76 77A
52 30	15	50 36 61	99 25	52 40	13 10	21 34	4 7	22 19	11 25	20 24	18 10	68 16 45 3,568	37 5 23 23	77B 78
52 30 86 123 3,276	6 2	l 76	99 25 19 33	52 40 62 51	13 10 19 21	21 34 32 90	23 24	22 19 56 22 2	25 27 69	20 24 59 89 10	18 10 65 43	45 3,568	23 23	79 80
3,276		85		29	***************************************		***************************************	2		10	2			55A 65B 65B 65B 66B 66B 66B 66B 66B 66B 66B
		***************************************	***************************************		***************************************	***************************************		***************************************		***************************************	***************************************			84 85
47,441 16,332 63,773	10,563 2,502 13,065	28,785 20,706 49,491	19,619 15,084 34,703	28,435 25,539 53,974	10,414 6,630 17,044	18,933 13,098 32,031	4,634 3,518 8,152	11,230 14,381 25,611	10,585 9,646 20,231	15,342 14,472 29,814	10,911 14,160 25,071	45,932 17,992 63,92 4	15,488 10,967 26,455	v [*]

Table 2.1.—The Use of Commodities
[Millions of dollars

										[Millio	ons of dollars
Com- modity 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 commu- nication equipment	Electronic components and acces- sories	Miscellaneous electrical machinery and supplies	Motor vehicles (passenger cars and trucks)	Truck and bus bodies, trailers, and motor vehicles parts	Aircraft and parts	Other trans- portation equipment
	Industry number	53	54	55	56	57	58	59A	59B	60	61
1 2 3 4 5+6 7	Livestock and livestock products Other agricultural products Forestry and fishery products Agricultural, forestry, and fishery services Metallic ores mining Coal mining	17 33 1	8	7	13 32	54	17 7	22	1 24 279 21	63 31 15	14
9+10 11 12 13	Crude petroleum and natural gas Nonmetallic minerals mining New construction Maintenance and repair construction Ordnance and accessories	148	28 86	92	317	925	119	492	566	794	107
14 15 16 17	Food and kindred products		2		1			178 1,128	49	7 99 6	93
19 20+21 22+23 24 25	Miscellaneous fabricated textile products Lumber and wood products Furniture and fixtures Paper and allied products, except containers Paperbard containers and boxes	23 142 99	11 2 236 172	1 123 261	2 609 208 119	13 148 107	1 42 250	4,060 4 2,522 44 20	15 141 30 70 330	143 20 55 26 15 5	124 400 36 8 5
26A 26B 27A 27B 28	Newspapers and periodicals Other printing and publishing Industrial and other chemicals Agricultural fertilizers and chemicals Plastics and synthetic materials	2 2 40 82	6 113 423	2 1 50 431	17 17 17	9 5 800 195	4 2 193	5 18 714	4 26 354 440	5 30 70 312	1 2 16
29A 29B 30 31 32	Drugs Cleaning and toilet preparations Paints and allied products Petroleum refining and related products Rubber and miscellaneous plastics products	18 69 163 778	16 136 66 1,449	23 7 65 560	19 11 43 1,011	76 1,057	3 42 1,380	7 1,719 188 9,196	4 425 161 2,071	160 178 1,665	160 97 618
33+34 35 36 37	Footwear, leather, and leather products Glass and glass products Stone and clay products Primary iron and steel manufacturing Primary nonferrous metals manufacturing	844 1,302 1,440	33 90 1,137 750	473	2 9 244 592	638 47 332 1,692	16 397 1,138	2 1,504 201 234 43	64 270 6,749 5,810	1 19 218 829 2,430	181 28 1,608 420
38 39 40 41 42 43 44+45	Metal containers Heating, plumbing, and fabricated structural metal products Screw machine products and structural metal products Other fabricated metal products Engines and turbines	140 511 199 248	492 276	548 410	279 544 341	273 731 2,482	78 226 423	12,604 2,794 2,020	1,639 3,233 1,103 197	91 888 1,584	635 218 532 1,283
46 47	Farm, construction, and mining machinery Materials handling machinery and equipment Metalworking machinery and equipment Special industry machinery and equipment General industrial machinery and equipment	61 123 202	31	55	37	111 73	47	8 197 55	6 195 1,351	1,022	35 1 59 654
48 49 50 51 52 53 55 55 57	Miscellaneous machinery, except electrical Computer and office equipment Service industry machinery Electrical industrial equipment and apparatus Household appliances	11 1 1,961	35 348 783 21	85 2 512	104 200 8 144	314 773 1 75	98 145 260	794 2 2,225 7	3,069 2 211 9	1,364 144 116	83 841 172
58	Electric lighting and wiring equipment Audio, video, and communication equipment Electronic components and accessories Miscellaneous electrical machinery and supplies	701 11	238 145 1	607 141 1	370 1,659 12,301 271	135 107 12,958	70 32 2,032 597	840 1,770 2,617 2,496 643	60 1 2,072 1,396 431	750 1,621 36	172 98 17 8 111 662
59A 59B 60 61 62 63	Motor vehicles (passenger cars and trucks) Truck and bus bodies, trailers, and motor vehicles parts Aircraft and parts Other transportation equipment Scientific and controlling instruments Ophalmic and photographic equipment	2 40 6	653	1	129	143	57 7	40,366 883 19	7,063 4 16	25,248 5.054	804 93 2
64 65A 65B 65C 65D	Miscellaneous manufacturing	3 77 229 20 115	9 43 202 5 59	193	1 48 173 4 213	135 309 18	1 39 248 7 85	12 520 2,372 49 992	270 1,160 33	13 113	3 66 392 4 139
65E 66 67 68A 68B	Pipelines, freight forwarders, and related services Communications, except radio and TV Radio and TV broadcasting Electric services (utilities) Gas production and distribution (utilities)	113 278 78 25	57 135 42		2 214 276 41	2 254 921 115	56 227 45	9 162 487 141	792 175	676	203 56 40
68C 69A 69B 70A 70B	Water and sanitary services Wholesale trade Retail trade Finance Insurance	25 1,951 19 236 36	7 1,140 28 122 24	20 1,367 31 137	20 3,009 29 388 67	3.855	55 1,723 19 170 30	79 12,404 47 1,013 225	41	15 913	40 1,569 8 193 47
71A 71B 72A 72B 73A	Owner-occupied dwellings Real estate and royalities Hotels and lodging places Personal and repair services (except auto) Computer and data processing services	220 84 32 66	62 51 12 24	204 58 15	500 156 37	216 129	165 63 30 53	519 454 130 128	323 244 170 239	160	410 86 19 112
73B 73C 73D 74 75 76	Legal, engineering, accounting, and related services Other business and professional services, except medical Advertising Eating and drinking places Automotive repair and services Amusements	121 394 333 118 83 6	24 56 169 436 72 40 5	56	343 196	1,000 1,259 834 272 284	73 390 199 97	1,204 1,042 683 551 9,801	1,578 313 339	367	167 335 171 123 64
77A 77B 78 79 80 81	Health services Educational and social services, and membership organizations Federal Government enterprises State and local government enterprises Noncomparable imports Scrap, used and secondhand goods	21 22 23 191	35 37	12 14 30	66 64 17 387	110 31 37 294	12 30	414 103 49 465	151 128 39	93 29 98	11 53
81 82 83 84 85	General government industry Rest of the world adjustment to final uses Household industry Inventory valuation adjustment	***************************************		40.000	07.504	00 500	***************************************	100 700	***************************************	***************************************	
VA T	Total intermediate inputs Value added Total industry output	14,372 13,437 27,809	5,863	9,025	24,624			126,780 23,958 150,738	25,285		15,631 14,369 30,000

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Scientific and controlling instruments	Ophthalmic and photographic equipment	Miscel- laneous manu- facturing	Railroads and related services; passenger ground transpor- tation	Motor freight transportation and warehousing	Water transportation	Air transportation	Pipelines, freight forwarders, and related services	Communica- tions, except radio and TV	Radio and TV broad- casting	Electric services (utilities)	Gas production and distribution (utilities)	Water and sanitary services	Wholesale trade	Commodity number
62	63	64	65A	65B	65C	65D	65E	66	67	68A	68B	68C	69A	
/	***************************************	3 34		1	3	1		1		1	1		76	1 2
51	8	14 8	1	2	3			38	4	16		***************************************	278	3 4
14 32	19	11 2	***************************************	***************************************	9	***************************************	83		***************************************	15,676			9	5+6 7 8
		5	***************************************		· · · · · · · · · · · · · · · · · · ·						38,755		6	
623	149	189	2,465	736	30	239	574 5	8,177	260	13,324	6,799	1,535	2,441	12 13
55 317		90	***************************************		83	231	***************************************	***************************************	***************************************	***************************************	***************************************		659 87	15
554 18	1	462 29 181	23	8 3	44 63	8	***************************************	1 92		2			54 598 272 1,887	17
1 74 51		45 493		11 33	101 3	6 2	76 164	3 18	1	7	3	157	272 1,887	20+21
381 479	896 242	21 279 780 7	22 4	60 97	,,	31	20 78 16	181 85	12 5	64 16	24 5	11	2,255 3,120	24 24 25
11 71	11 3 505	65	13 201	41 372	39 33	19 153	16 242	85 83 785	7 10	9 89	1 15	4 5	1 274	26A 26B
156	278	419 992	104	103	12	18	8	16	14	295	2	500	5,620 374 335 5	27A 27B 28
30	14	38	***************************************	2		3	***************************************	5 24		3	5		5 33 466 18	29A 29B
33 140 2,127	43 560	240 198 1,546	3,336 271	56 7,930 1,993	26 727 103	9,451 32	182 183	56 210 442	31	2,198 165	353	722 156	3,476 2,719	30 31 32
370	154	31 24	1 52	1,993	4	1	1 12	18		703	1	21	9 198	33+34 35
122 964	10 42 108	140 774	404 404	8	2	1 2	4	46	***************************************	4	1	16	114 71	36 37
1,381 25 762	108	2,003		4	21	***************************************	***************************************	16	***************************************	100	***************************************		464 106	39 40
1,263 1,579	206 66	140 470	7 264	476	2 221	42 70	74	365 244	2	42 33	9	82	2 522	41 42
		2	219	102	217		34	356	***************************************	916		***************************************	20 86 440	43 44+45 46
152	29	100	75	20 2	151	28		5	1	79	18	3	334 464 106 2 522 20 86 440 192 62 43 691 258 174	47 48
70 450 1,302	4 91 11	22 321	337 105	45 59	373 95	5 123 2	105 43 19	424 17 322	5	63 195	3 8 152	3 17	43 691	49 50
1,056	119	21 3 187	8 250	9 191	10	4	19	322 3 348	33	1 188	152	8	174 97	52 53
290	6	18	21	45	1 12	7		66	***************************************	130	1.	19	176	54 55
827 9,413 45	853	458 13	15 84	203	32	119 43	79	3,464 2,823 266	41 208	107	32	29	144 3,056 383	56 57 58
9	4	5	388	808	1	14	29	31	3	13	10	1,174	1,029	59A 59B
3,040	123	***************************************	944	6 14	741	2,705	1	24		105	21	703	52	60 61 62
27	1,243	11 3,021	10 13	62 39	7 74	19	28 32	83 147	40 5	9 33	8	6 4	622 535	63 64
112 454 13 402	82 173 14 84	3,021 99 492 20 139	13 2,368 368 78 214	442 28,810 209 622	19 104 4,282 77	128 233	33 209 56	156 248 10	18 46	4,682 582 740 389	40 46 72	43 112 17 66	517 2,189	65A 65B
41	1	*********	442	622 4,966 2,114	1,407	127 128 233 164 6,064 7,820 1,204	28 32 33 209 56 233 763 962	673 12	73 1	J 34 I	10 40 46 72 275 468 64	[9	2,189 142 2,657 294 8,677	65D 65E
528 814	114	152	391 96	2,114 128	120	1,204		27,769 81 810	464 606	292	1	424 81	•	66 67
87 67	148 56 23 1,442 19 206	324 105 31	108	118	9 36 505	14	438 11 33	70 228	606 190 5 44 95 8	4,711 194	194 17,687 24 588 31	519 1,431 611	4,784 1,163 940 14,446 1,492 6,384	68B 68C
4,307 55 800	1,442 19	3,455 55 309	1,521 185 971	2,139 5,070 754 1,292	505 15 1,048	124 1,462 43 1,535 151	33 300 26 882	1,798 69 2,218	95 8 248	1,194 38 2,887	588 31 807	611 170 149	14,446 1,492 6384	69A 69B
146	35	74	261	1,341	46		181	338	166	358	117	230	917	70B 71A
1,082 319	131 72	504 120 34 79 256 648 1,633	617	2 475	896 46	1,471 300	706 99 71	3,340 631	677 76	1,931 401	362 131	77	16,365 1,955 1,241 7,733 6,873 24,355 14,423 2,245	9+10 111 134 155 111 156 111 157 157 157 158 158 158 158 158 158 158 158 158 158
76 501 1,200	131 72 15 80 58 475 309 95 58	34 79 256	139 77 788 404 1,106 221 230 656	634 105 479 868 3,409	19 280 683	1,471 300 273 2,224 1,071 1,538 1,839 1,832 152 59	71 2,346 1,752	1,444 2,845 6,160	76 98 424 436 777 831	95 1,746 1,983 1,792	362 131 26 245 2,295 483 22 147	47 80 59 670	1,241 7,733 6,873	728 73A 73P
501 1,200 2,413 1,625 436 250	475 309	648 1,633	1,106 221	3,409 354	280 683 2,356 1,244	1,538 1,389	2,346 1,752 922 833 124	4,008 3,286	777 831	131	483 22	219	24,355 14,423	73C 73D
436 250 38	95 58 9	117	230 656 14	9,615	57 15	1,832 152	124 220 17	745 1,1421	90 129 11,122	480 224 52	147 168 27	60 74	4,/91	74 75
217	94	17		71 61 80	15	65	251	2,818 312	· ·		48	5 12	1,135	77A 77B
124 144	17 9	118 94	136 59 90	247 271 599	10 2,954	76 21	132 10	658 39	157 34 8	534 459 20 25	105 7	31	3,283	78 79
220	183	76 1	183	599 5	2,954	8,827	250	6,384	***************************************	25	58	2	4,104 1	80 81 82
														83 84
45,262 60,227 105,489	9,812 14,319 24,131	23,363 17,952 41,315	21,364 34,390 55,754	83,582 83,371 166,953	19,644 12,796	51,975 42,166 94,141	13,992 19,624 33,616	87,533 120,561 208,094	17,550 11,809 29,359	59,920 110,976	70,784 22,373 93,157	10,380 8,802 19,182	169,033 399,937	85 I
105,489	24,131	41,315	55,754	166,953	12,796 32,440	94,141	33,616	208,094	29,359	110,976 170,896	93,157	19,182	568,970	YA T

Table 2.1.—The Use of Commodities [Millions of dollars

											[sviiiioi	ns of dollars
Com- modity number	For the distribution of output of a commodity, read the row for that commodity For the composition of inputs to an industry, read the column for that industry	Retail trade	Finance	Insurance	Owner- occupied dwellings	Real estate and royalties	Hotels and lodging places	Personal and repair services (except auto)	Computer and data processing services	Legal, engineer- ing, accounting, and related services	Other business and professional services, except medical	Advertising
	Industry number	69B	70A	70B	71A	71B	72A	72B	73A	738	73C	73D
1	Livestock and livestock products		2								44	
3	Other agricultural products	2	3	2		25	5	***************************************	2	6	2	
4 5+6	Agricultural, forestry, and fishery services	538	114	59	3,634	2,877	275	42	54	113	101	9
7	Coal mining Crude petroleum and natural gas	5	2			4	2	3	***************************************	1	1	
9+10	Nonmetallic minerals mining	1	***************************************			***************************************		3		***************************************	***************************************	
11 12	New construction	5,017	1,146	612	21,663	29,578	1,526	512	310	388	897	51
13 14	Ordnance and accessories	92	***************************************		***************************************		119	***************************************			88 31	
15 16	Tobacco products	51	***************************************				6	142			6	
17 18	Miscellaneous textile goods and floor coverings	43 31	1			1	13 1 49	37 376	***************************************	2	7 89	
19	Miscellaneous fabricated textile products	32 107	175 75	19 47		10 43	503 12	260 43	40	75	6 89	18
20+21 22+23	Lumber and wood products	1				3			18	75 5	2	
24 25	Paper and allied products, except containers	3,927 878	1,133 135	381 49		546 75	203 124	255 59 34	287 25 35	728 95	1,404 573	85 7
26A 26B	Newspapers and periodicals Other printing and publishing	113 599	318 3,506	35 1,543		24 814	53 191	949	1,039	128 1,963	154 2,451	2,223
27A 27B	Industrial and other chemicals	40 23	50	20	2 344	42 132	11 112	154	10	44	1,241	2
28 29A	Plastics and synthetic materials	12	***************************************			***************		12	***************************************			
29B	Drugs	159 32	23	7		50	72	1,117	4	29 2	450	
30 31	Paints and allied products Petroleum refining and related products	32 2,787 1,777	392	46 127		27 560	188	382	104	218 218 243	54 1,493	14
32 33+34	Rubber and miscellaneous plastics products	1,777 128	392 125 17 26	342 6	61	396 8	247 5	382 386 350	192 4	41	1,039 54	26
35 36	Glass and glass products Stone and clay products	128 14 19	26 10	9.	******************	4 359	254 38	4 10	. 4	126 24	292 83	
37	Primary iron and steel manufacturing	ě	ž	1 15				73		24 3	83 73 20 38	
38 39	Primary nonferrous metals manufacturing	4		15	***************************************		***************************************	/3	***************************************		38	
40 41	Heating, plumbing, and fabricated structural metal products	8		***************************************	134	83	6	85	***************************************		103	
42 43	Other fabricated metal products	614 74	265 3	212		189	38	238 3	42	172	318 139 80	10
44+45 46	Farm, construction, and mining machinery	8			159					***************************************	80 146	
47	Metalworking machinery and equipment	45	3		***************************************	4	1	12	4	11	568 394 427	***************************************
48 49	Special industry machinery and equipment General industrial machinery and equipment Miscellaneous machinery, except electrical	42 23 249	22			10	***************************************	41 37		5	427	
50 51	Computer and office equipment	i 81	16 240	187	***************************************	7 38	87	91 447	6,602	77 513	439 476	6 65
52 53	Service industry machinery	130 39	18 18	1 4		2 5	13	324 57	122	4	142 867	2 1
54 55	Household appliances	39 6 228	l 1	20		48 37	8	683	1	13	1 5	3
56 57	Audio, video, and communication equipment Electronic components and accessories	228 32 193	22 13 67	4		4	4	22 12 933 59	4,396	8 20	122 63 2,469	2 3
58	Miscellaneous electrical machinery and supplies	325	337	263	***************************************	70	16	59	331	415	404	16
59A 59B	Motor vehicles (passenger cars and trucks)	1,961	68	54	***************************************	58	34	75	19	91	493	23
60 61	Aircran and parts	1	*************	3	***************************************	1			***************************************	***************************************	279	***************************************
62 63	Scientific and controlling instruments	49 190	619	54 324 175		31 138 155	15 28 85	73 956 1,322	67 66 53	18 600	170 1,187	37
64 65A	Miscellaneous manufacturing	478 429	646 327	175 274	6			1,322	81	312 182	629 543	33 19
65B 65C	Motor freight transportation and warehousing	1,442 74	4,295 33		25	366 555 13	317	481 30	168 10	182 740	1,615 119	19 44
65D	Air transportation	1,490	1,383 26	1,014	***************************************	1,277	223	283	489	35 844	1,808	3 73
65E 66	Pipelines, freight forwarders, and related services	46 4,984	5,192	16 4,175	***************************************	3,780	787	10 1,140	10 2,385	21 3,019	4,473	3 312
67 68A	Radio and TV broadcasting	11,904	1,973	376		6,591	2,162	1,283	408	866	1,372	148 122
68B 68C	Gas production and distribution (utilities)	860 1,679	478 1,051	41 119	***************************************	945 3,473	359 812	403 467	29 42	130 122	290 278	7 3
69A 69B	Wholesale trade Retail trade	2,369 1,912	1,813	664	186 191	844 270	440 115	1,613 79	2,713 28	1,233	3,835 695	266 18
70A	Finance	8,763	59,978	10,686	8,542	5,105	3,052	879	996	2,711	3,055	176 [
70B 71A	Insurance	1,581	1,267	64,466	3,022	1,637	105	214	93	290	645	35
71B 72A	Real estate and royalties	37,343 1,590	13,426 1,202	9,227 1,081	16,415	35,987 1,409		5,141 241	3,684 322	13,594 1,364	9,814 1,616	1,360 71
72B 73A	Personal and repair services (except auto) Computer and data processing services	1,670 3,427	439 12,745	175	***************************************	1,944 625	406	4,479 543	171 9,273	207 6,149	612 5,260	31 249
73B	Legal, engineering, accounting, and related services	5,286	11,258	7,742	2,395	9,389	512	3,082	1,807	19,336	6,473	1,117
73C 73D	Other business and professional services, except medical	18,437 26,490	16,395 7,426	8,848 2,730	1,640	14,303 5,001	1.048	2,525 2,267	3,636 1,084	21,105 924	2,818	2,454 181
74 75 76	Eating and drinking places	2,219 3,188	1,410 1,022	1,283 3,416		1,651 3,604	328 382	327 554	425 648	816 1,169	2,313	84 320
76 77A	Amusements Health services	437	215	144		171	33	43	46	179		614
77B	Educational and social services, and membership organizations	507 3,067	865 8,904	338 1,781	***************************************	476		326 510	750 705	781 2,414	1,134 2,099	67 159
78 79 80	State and local government enterprises	361	142	25		409	103	66	705 14	72	84	6 47
81	Noncomparable imports	78 1	3,113	1 124		1		1	548	506	1,264	
82 83 84	General government industry											
84 85	Household industry Inventory valuation adjustment			***************************************								
VA	Total intermediate inputs Value added	162,849 359,670		127,221 103,876	58,419 398,831	137,880 412,233		37,775 53,997	44,385 71,345		93,687 246,758	10,636 19,229
*	Total industry output	522,519		231,097	457,250	550,113		91,772	115,730	256,361	340,445	29,865
	· · · · · · · · · · · · · · · · · · ·			•							•	•

by Industries, 1992—Continued at producers' prices]

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 1,843 1,747 186	2	39 147 6 271	55 203 37 748	65 124 358	66	303			***************************************	85,869 71,142 13,280 27,310	1 2 3
6	2	1	7	3	734	1,273 630 51				8,268 23,786 138,601 12,371	5+6 7 8 9+10
2,129 61,536	535	1,065 10 692	2,889	9,276 2,507	922	20,230		***************************************		170 159,448 465 153,699	11 12 13 14 15 16 17
38 8 157	55 43 124	80 10 107 53	36 49 618 689	34 9 80 81	8 4 1 109	10 11 34				3,348 37,127 10,074 16,628 10,770	16 16 17 18 19
899 1,003	11 166 190 90	53 78 2 218 95	135 5 2,353 779	193 2 1,321 279	105 77 116	45				80,245 5,479 80,994 30,352	20+21 22+23 24 25
29 580 299	41 107 218	95 63 272 117 134	387 3,064 8,163 35	941 9,352 209 48	737 104	6 150 1,209 141		***************************************		4,401 56,500 97,797 15,545	26A 26B 27A 27B
54 5 722	121 341 1,962	9 31 36 353	181 7,576 658 3 1,005	63 167 56 966	38	3 39 3,612				46,036 17,620 8,826 12,894 83,751	28 29A 29B 30
2,203 3 417 391	2,874 2,874 2 785 48	352 141 70 5	6,573 43 928 200	714 151 296	17 18 3	127 49 523				99,363 3,871 16,883 42,481	32 33+34 35 36
7	5	1 15 2	12	21 2	43	2				81,280 68,611 13,025 43,481	37 38 39 40
57 104 2	1,467 1,676 657	19 88 4	332 432 1	75 250 4	28 8 99	2 23 113 160			***************************************	33,140 51,306 10,279 6,049 2,674	41 42 43 44+45
1 148 162 36	32 35 25 305	7 27	12 4 7 118	15 2 93	8 95	12 14 875				9,666 4,224 17,643 22,989	47 48 49 50
11 46 5	6 923 411	21 101 3	794 99 100 13 233	93 73 40 23 15	3 15	386 442 10	***************************************		***************************************	24,759 14,939 21,175 2,658	51 52 53 54
78 16 46	493 16 272 712 108	86 9 3 632	233 13 200 296	102 64 182 196	28	124 43 42 153				17,691 12,017 75,400 13,375 1,844	56 57 58 594
350	15,685 1 95	93 39 13	276 9,594	257 5 228	736 10	279 155 13				74,459 29,930 3,092 25,540	20+21 22+23 25A 26B 26B 27A 29A 29B 29A 30 31 31 33 34 44 44 45 50 51 55 55 59A 60 60 60 60 60 60 60 60 60 60 60 60 60
19 371 492 2,202 75	42 50 269 877	57 306 79 243 29	1,312 407 738 1,783 104	451 914 201 788 32 758 26	11 33 715 967 150	13 51 468 425 270		***************************************	**************************************	9,589 13,526 32,452 110,656 12,771	
896 18 1,088	62 608 255 1,262	316 6 931	1,725 47 4,993	2,117	1,549 6 197	100 30 468				39,502 22,544 95,074 835	65D 65E 66 67
6,246 997 1,591 13,063 392	1,331 328 389 5,719	1,797 162 313 1,784 113	4,136 896 1,588 8,507 421	2,079 519 667 2,971	308 200 331 413 11	3,896 2,666 1,126 728		***************************************		98,868 61,944 27,052 280,569 39,882	68A 68B 68C 69A
2,674 387	1,057 2,206 618 7,095	1,066 180	3,717 1,640 34,279	326 2,664 522 25,605	407 102	1,102 198 2,156 24				163,754 90,095 330,296	70A 70B 71A 71B
810 890 749 2,493	l 477 i	7,622 306 315 538 2,694 4,064 4,728 440	1,706 1,300 6,224 9,471	717 494 4,257 3,221	20 13 230 131 907	3 110				27,260	72A 72B 73A 73B
5,882 6,112 4,252 1,193 2,459	1,590 575 998 2,887 2,281 554 1,805	4,064 4,728 440 806 19,673	24,644 2,524 4,405 3,420 229	11,216 5,736 1,646 1,332 912	907 5 74 212	435 3,296 1,679 204 127 492		***************************************		83,729 179,136 271,050 136,364 41,383 70,073 41,927	73D 73D 74 75
443 480 193 128	101 503 166 13	33 189 503 41	11,974 1,477 5,390 192	1,217 2,176 97	21 48 23	65 268 1,003				13,484 16,339 39,448 6,810	64A 65A 65B 65C 65C 66C 66 67 68B 68C 68C 69B 71AB 72B 72B 73B 73B 73C 73D 74 75 77 77 78 80 81 82 83 84 85 85 86 86 87 88 88 88 88 88 88 88 88 88 88 88 88
128	13 507	222 -155	24	20	1,262					44,964 7,147	80 81 82 83
146,060 134,648 280,708	65,390 72,991 138,381	54,672 66,696 121,368	193,538 371,448 564,986	102,631 125,701 228,332	14,089 46,883 60,972	52,717 40,089 92,806	764,389 764,389	10,087 10,087	-7,982 -7,982	4,588,742	84 85 1 VA T

Table 2.1.—The Use of Commodities
[Millions of dollars

										[MilliM]	ons of dollars
	For the distribution of output of a commodity,	B					Federal (Government consu	mption expen	ditures and gross	investment
Com- modity number	read the row for that commodity For the composition of inputs to an industry, read the column for that industry	Personal consump- tion expendi- tures	Gross private fixed investment	Change in business inventories	Exports of goods and services	Imports of goods and services	Total	National defense: Consumption expenditures	National defense: Gross investment	Nondefense: Consumption expenditures	Nondefense: Gross investment
	Industry number	91	92	93	94	95		96C	961	97C	971
1	Livestock and livestock products	3,709		857	800	~2,061	7	2		5	
2	Other agricultural products	19,531 3,085		4,035 -45	16,116 2,880	-6,860 -5,659	-358 -1,169			-358 -1,168	
4 5+6	Agricultural, forestry, and fishery services	729	50	-24	61 1,104	-21 1,488	39 -147	19 -148	***************************************	20	
7	Metallic ores mining	68	23	l –3∣	3.122	-133	29	11		28	***************************************
9+10	Crude petroleum and natural gas	39	***********	-105 25	3,290 686	-43,984 -898	-202 2	-3	***************	-202 5	
11 12	New construction		339,916 20,362		77		15,803 10,429	6,649	5,234	3,780	10,569
13 14	Ordnance and accessories	1,473 248,010	29	-1,855 150	3,592 19,630	-809 -21,850	19,177 464	7,568 269	8,911	482 195	2,216
15 16	Tobacco products	30,395 1,683		2,137 477	5.874	-1,587 -4,397	63	51			
17 18	Miscellaneous textile goods and floor coverings	5,578 80,934	2,343	19 3,897	2,359 1,724 4,065	-1,879 -38,484	49	3	***************************************	12 1 25	21
19	Apparel	11,189	***************************************	470	810	-2,870	506 206	505 150	***************************************	56 16	
20+21 22+23	Lumber and wood products	2,529 21,623	4,661 16,091	663 185	5,965 2,633 8,567	-7,143 -6,026	31 198	14	10		188
24 25	Paper and allied products, except containers	14,921 381	***************************************	771 277	691	-10,715 -247	699 91	98 40	***************************************	601 51	
26A 26B	Newspapers and periodicals	14,339 15,282		-62 753	653 2,984	-199 -1,783	111 996	12 290	***************************************	99 706	
27A 27B	Industrial and other chemicals	2,154 920	1,957	729 -153	17,292 3,341	-14,375 -2,330	4,268 27	3,109 8		1,159 19	
28 29A	Plastics and synthetic materials Drugs	43,864		239 1,292	8,477 7,272	-3,827 -13,193	17 530	11 365		6 165	
29B 1	Cleaning and toilet preparations Paints and allied products	30,098 480		186 42	2,591 745	-2,052 -200	180	126		54 6	
31 32	Petroleum refining and related products	53,355	215	46 995	9,084 6,905	-11,582 -13,253	3,109 625	2,771 423		338 152	50
33+34	Rubber and miscellaneous plastics products	15,051 16,491		331	1,464	-12,824	45	41		4	
35 36 37	Glass and glass products	979 2,570		185 -196	1,544 1,713	-2,159 -4,551	167 94	16 30		151 64	
37 38 39	Primary iron and steel manufacturing	36 71	16 52	-339 -392	3,505 6,379	-10,893 -10,228	230 242	221 48	36	9 84	74
39 40	Metal containers	326	38 3,612	10 -110	341 2,061	-201 -1,008	15 677	15 158	184	239	96
41 42	Screw machine products and stampings	1,345 4,266	2,415	217 67	2,171 4,849	-2,628 -8,510	193 634	122 269	157	71 137	71
43 44+45	Engines and turbines	169 400	3,271 17,803	-184 277	5,419 9,002	-2,413 -4,754	964 506	119	558	9	285
46	Farm, construction, and mining machinery		5,743 17,652	-41	1,302 3,686	-1,468	65		464 50 18	3	12
47 48	Metalworking machinery and equipment	687 237	16,820	18 -106	4,510	-5,127 -5,881	64 158	6	21	38 123 11	24 12 2 12 37
49 50	Special industry machinery and equipment	136	11,300 700	− 59	7,834 1,962 22,925	-7,796 -1,895	292 851 2,864	79 195 222	165 389	31	236 947
51 52	Computer and office equipment	5,368 910	36,169 7,376	-1,241 165	22,925 3,320 4,083	-32,687 -2,243	157	79	963 21	31 732 56	1 1 }
52 53 54 55 56 57	Electrical industrial equipment and apparatus	200 13,100	6,826 2,668	77 -96	4,083 2,329	-5,295 -4,072	802 40	376 22	126 9	147	153
55 56	Household appliances Electric lighting and wiring equipment Audio, video, and communication equipment	2,023 21,682	283 24.513	141 374	2,839 9,551	-4,985 -25,409	339 7,532	227 3.548	2.356	112 183	1,445
57 58	Electronic components and accessories	216 6,298	2,058	-51 -149	16 150	-20,574 -8,062	1,920 1,447	1,660 504	692	260 201	50
59A 59B	Motor vehicles (passenger cars and trucks)	105,552 4,277	75,132 4,981	1,114	5,702 16,336 16,995 40,656 3,354	-58,285 -21,743	2,104 839	5 198	1,574 219	14 68	511 354 554 129
60 61	Aircraft and parts	465 11,958	13,676 4,741		40,656	-12,153 -2,693	37,546 8,841	26,065	9,906 6,093	1,021	554
62	Other transportation equipment	5,479	43,637	-298 -228 368	17,864	-14,773	26,133	2,545 6,223	15,617	1,960	2,333 [
63 64	Opthalmic and photographic equipment	36,410	6,915 5,365	765	3,453 4,427 3,973	-8,153 -23,335 -164	1,335 22 914	964 41	294 108	55 -137 279	22 10
65A 65B	Railroads and related services; passenger ground transportation	19,504 25,965	957 4,138		10,161	-164 -2,059 3,530	5,326	606 4,174	108 23 177	926	6 49
65B 65C 65D	Water transportation	6,249 36,404	18 1,539	36 137	9,695 23,317	3,530 -8,544	1,624 3,353 22	1,521 2,603	136	103 589	25
65E 66	Pipelines, freight forwarders, and related services	3,474 90,397	5,065	8	23,317 2,700 3,596		22 3,319	31 1,471		-9 1,848	
67 68A	Radio and TV broadcasting	1,839 79,337			267	-695	2,451	1,949		502	
68B 68C	Gas production and distribution (utilities) Water and sanitary services	29,537 20,464		11	548 65		470 1,036	346 495		124 541	
69A 69B	Wholesale trade Retail trade	158,445 471,448	48,167 14,358	2,658	44,726 20	18,317	4,467	1,718	1,592	549	608
70A 70B	Finance	198,007 138,181		***************************************	17,142 1,685	-265 -1,136	1,030 2,297	17		1,030 2,280	
71A	Insurance	457,250		***************************************				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
71B 72A	Real estate and royalties	166,640 29,881	28,407		20,683 48	-11	3,691 1,116	512 967	***************************************	3,179 149	***************************************
72B 73A	Personal and repair services (except auto)	65,602 2,444	3,441	-41	42 3,092	-225 -839	69 16,719	51 7,913		18 8,806	
73B 73C	Legal, engineering, accounting, and related services	45,781 20,917	15,785		5,013 5,677	-839 -1,632	3,733 21,244	3,126 14,210	***************************************	607 7,034	***************************************
73D 74	Advertising Eating and drinking places	676 242,151			531 328	-615	1,230	55 505		12 725	***************************************
75 76	Automotive repair and services	90,099	}	4	34 4,289	-6 -248	496 573	431 548		65 25	
77A	Amusements	611,328			26	-13	1,681	9		1,672	
77B 78	Educational and social services, and membership organizations	225,749 6,881			450 188	-449	9,527 1,058	390 1,080		9,137 -22 40	
79 80	State and local government enterprises	22,489 33,009	***************************************		***************************************	-90,036	205 12,063	165 9,906		2,157	
81 82	Scrap, used and secondhand goods	17,187	-30,293	1,529	5,872	-2,746	668 273,327	933 196,793	18	126 76,534	-409
83 84	Rest of the world adjustment to final uses Household industry	-66,481 10,087			67,325	-74				-770	
85	Inventory valuation adjustment Total intermediate inputs			-7,982	***************************************						
٧Å	Value added Total Industry output	4,208,718		5,430	602,609	-631,637	525,912	318,866	56,121	130,235	20,690
	Total Industry Culput	7,200,7 18	190,881	3,430	002,009	-031,03/	020,812	110,000	50,121	1 130,235	20,090

by Industries, 1992—Continued at producers' prices]

		State and local government consumption expenditures and gross investment			GDP	Total commodity	Commodity
Total	Education: Consumption expenditures	Education: Gross investment	Other: Consumption expenditures	Other: Gross investment	GDP	output	number
	98C	981	99C	991			
194 940	40 297		154 643		3,506 33,404	89,375 104,546	
-507 1,687	9 377	***************************************	-516 1,310	***************************************	-1,415 2,495	11,865 29,805	
	********************************	***************************************		***************************************	2,471	10,739	5+
48	28	***************************************	20	***************************************	3,131 -40,978	26,917 97,623	
101,060		20,251	58	80,809	-88 456,779	12,283 456,949	9+1
32,065 145	6,802	***************************************	25,263 145	***************************************	62,933 21,752	222,381 22,217	
8,654 -20	4,061 -1	***************************************	4,591 -19	2	255,058 36,799	408,757 40,147	
216 75	73 6	12	143 47	10	401 7,909	37,528 17,983	
1,091 446	67	***************************************	1,085 379	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	52,009 10,251	68,637 21,021	
176 2,666	75	1,601	101 4	1,061	6,882 37,370	87,127 42,849	20+2 22+2
3,260 198	1,654 39 ;	***************************************	1,606 159		17,503 1,391	98,497 31,743	2
652 6,470	406 4,346	***************************************	246 2,124	***************************************	15,494 24,702	19,895 i 81,202	26 26
3,537 500	826 146		2,711 354		15,562 2,305	81,202 113,359 17,850	27 27
2	1 119		1 4,817		4,908 44,701	50,944 62,321	29
4,936 728 412	136 296	***************************************	592 116		31,731 1,485	40,557 14,379	29
12,068 1,912	5,385 110	***************************************	6,683 1,802	***************************************	66,080 12,450	149,831 111,813	3
160	73	***************************************	160 309	***************************************	5,667 1,098	9,538 17,981	20-2-2 22-2-2 26-26-26-27-27-27-29-33-33-33-33-33-33-33-33-33-33-33-33-33
382 180 87	80	***************************************	100 80	***************************************	-190 -7,358	42,291 73,922	3
78 10	5	***************************************	73		-3,798	64,813 13,238	
11 { .	5	***************************************	5 10	1	213 5,569	49,050	3
126 1,491	39 256	196	87 696 143	343	1,424 5,212	34,564 56,518	4
390 1,663	91 - 62	5 24	143 14	151 1,563	7,616 24,897	17,895 30,946	44+4
400	98	9 124	69	109	5,616 17,380	8,290 27,046	4
256 485	95 81	154 66 40	73	7 265	15,994 12,035	20,218 29,678	44090555555996666
262 3,931	130 i 186	40 1,783	55 489	37 1,473	1,957 37,329	24,946 62,088	5
1,177 706	410 82 2	1,783 288 175 134 299	489 243 16 22 324 129	236 433 48	10,862 7,399	25,801 28,574	5
206 724 721 237 434	2 358 15	134 35	22 324	48 7	14,175 1,364	16,833 19,055	
721 237	15 81	299	129 156	278	38,964 -2,102	50,981 73,298	
434 5,887	98	185 1,364	125	26 4,523	7,728 147,840	21,103 149,684	59
1,670 45	669		984	17 45	6,799 72,224	81,258 102,154	59
912 .	65	218 496	35 2,204	659 1,498	26,815 82,375	29,907 107,915	Ì
4,263 2,998 2,270	699 1	496 403 464	1.452	444	1 13.156	22,745	
2,270 4,287 2,294	807 3,663 824 84 934 56	464 16 89	970 557 1,163 340	29 51 218	25,924 29,606 46,454 21,576	39,450 62,058 157,110 34,347 98,819	65
424	84 024	24	340 2.124	29	21,576 59,317	34,347	65
3,111 218 8,490	56 3,585		162 4,905		6,422	28,966 205,941	65
		***************************************	***************************************	***************************************	110,867 1,839 96,827	2,674	
15,467 3,645	5,534 2,023 1,395 3,196	***************************************	9,933 1,622		1 34,211	2,674 195,695 96,155 50,265	68
1,648 11,621 468	3,196	1,421	253 5,228	1,776	23,213 288,401	568,970	69
11,106		***************************************	468 11,106	***************************************	486,296 227,020	526,178 390,774	70
532	351	***************************************	181	***************************************	141,559 457,250	231,654 457,250	70 71
10,032 631	806 -2,697	***************************************	9,226 3,328		229,442 31,676	559,738 58,936	71 72
2,724 8,879	-2,697 1,060 2,003		1,664 6,876		68,437 34,309	92,016 118,038	72 73
3,988 15,129	1,908 5,595	***************************************	2,080 9,534	***************************************	73,461 61,335	252,597 332,385	·73
1,507 -3,075	621 -6,291		886 3,216		2,166 240,634	138,530 282,017	73
3,708 -2,070	1,094 224	***************************************	2,614 -2,294	***************************************	94,335 81,010	164,408 122,937	1
-61,899 -23,985	-17 -27,527	***************************************	-61,882 3,542	***************************************	551,123	564,607 227,631	77
2,625	182	,	3,542 2,443 433		551,123 211,292 10,752 23,352	50,200	"
658	225		***************************************		-44,964	30,162	
2,811 491,062	449 257,127	319	120 233,935	1,923	-4,972 764,389	2,175 764,389	
***************************************		***************************************	***************************************	***************************************	10,087	10,087	66 66 66 66 66 66 66 66 66 66 66 66 66
		***************************************	***************************************	***************************************	-7,982	-7,982	
	286,205	30,195	317,405	98,077	6,233,905	10,822,647	v

SURVEY OF CURRENT BUSINESS

Table 2.2.—Input Components of Total Industry Output, 1992 Benchmark [Millions of dollars at producers' prices]

		mais at producer	Value	added				
Industry number		Total	Compensation	Indirect business tax and nontax liability	Other value added	Total intermediate inputs	Total industry output	Industry number
1 2	Livestock and livestock products	15,603 57,740	4,530 7,869	1,296 3,387	9,777 46,484	75,901 50,554	91,504 108,294	1 2
3 4	Forestry and fishery products	4,806 16,982	1,651 14,209	513 569	2,642 2,204	4,807 11,269	9,613 28,251	3 4
5+6 7	Metallic ores mining	4,330 15,804	2,721 8,366	542 2,429	1,067 5,009	6,419 11,113	10,749 26,917	5+6 7
8 9+10	Crude petroleum and natural gas	49,313 8,214	14,127 4,500	4,729 577	30,457 3,137	56,056 5,468	105,369 13,682	9+10
11	New construction Maintenance and repair construction	202,770 109,852	159,748 83,087	2,836 709	40,186 26,056	254,179 112,529	456,949 222,381	11
13	Ordnance and accessories	14,931	10,171	312	4,448 58.747	10,829 283,455	25,760 408,482	13
14 15	Food and kindred products	125,027 25,731	56,037 3,362	10,243 5,540 249	16,829	14,415	40,146	12 13 14 15 16 17 18
16 17	Broad and narrow fabrics, yarn and thread mills	14,519 5,769	10,425 3,592	121	3,845 2,056	27,127 11,811	41,646 17,580	17
18 19	Apparel	23,318 7,378	19,087 5,156	246 86	3,985 2,136	45,814 11,677	69,132 19,055	18
20+21 22+23	Lumber and wood products	31,858 19,462	18,500 13,002	480 222	12,878 6,238	55,007 23,515	86,865 42,977	20+21 22+23
24 25	Paper and allied products, except containers	39,850 10,300	20,366 7,982	866 280	18,618 2,038	59,763 21,638	99,613 31,938	24 25
26A 26B	Newspapers and periodicals	34,017 57,511	19,094 34,252	319 611	14,604 22,648	22,694 53,053	56,711 110,564	26A 26B
27A 27B	Other printing and publishing industrial and other chemicals Agricultural fertilizers and chemicals and chemicals	40,288 6,187	21,962 2,491	1,737 159	16,589 3,537	69,592 11,644	109,880 17,831	27A 27B
28 29A	Plastics and synthetic materials	14,788 31,957	9,240 12,041	397 685	5,151 19,231	33,252 30,717	48,040 62,674	28 29A
29B 30	Cleaning and tollet preparations Paints and allied products	18,309 5,771	5,845 2,880	341 121	12,123 2,770	21,319 8,427	39,628 14,198	29B
31 32	Petroleum refining and related products Rubber and miscellaneous plastics products	19,526 48,800	8,815 31,129	4,200 930	6,511 16,741	126,183 62,561	145,709 111,361	31
33+34	Footwear, leather, and leather products	3,512	2,367	65 160	1,080	5,856	9,368	33+34
35 36 37	Glass and glass products	9,445 19,559	5,553 12,465	412	3,732 6,682	8,370 23,345	17,815 42,904	36 36
38	Primary nonterrous metals manufacturing	27,412 16,332	20,920 11,471	866 727	5,626 4,134	49,153 47,441	76,565 63,773	37 38
39 40	Metal containers	2,502 20,706	2,018 15,160	93 358	391 5,188	10,563 28,785	13,065 49,491	39 40
41 42	Screw machine products and stampings	15,084 25,539	12,889 17,449	248 384	1,947 7,706	19,619 28,435	34,703 53,974	41 42
43 44+45	Engines and turbines Farm, construction, and mining machinery	6,630 13,098	4,556 8,763	133 259 63	1,941 4,076	10,414 18,933	17,044 32,031	43 44+45
46 47	Materials handling machinery and equipment	3,518 14,381	2,676 11,779	! o∩o l	779 2,400	4,634 11,230	8,152 25,611	46 47
48 49	Special industry machinery and equipment	9,646 14,472	7,413 10,756	161 235 195 508	2,072 3,481	10,585 15,342	20,231 29,814	24 25A B A B 30 31 32 33 4 55 6 57 8 39 9 4 1 42 3 45 4 47 48 49 55 5 52 53 55 55 55 55 55 55 55 55 55 55 55 55
50	General industrial machinery and equipment	14,160	11,897	195	2,068	10,911	25,071	50
51 52	Computer and office equipment	17,992 10,967	13,357 7,483	211	4,127 3,273	45,932 15,488	63,924 26,455 27,809	52
53 54 55	Electrical industrial equipment and apparatus	13,437 5,863	9,198 3,506	205 130	4,034 2,227	14,372 10,773	16,636	53 54
55 56 57	Electric lighting and wiring equipment	9,025 24,624	5,708 14,449	143 384 526	3,174 9,791	10,086 27,531	19,111 52,155	55 56
58	Electronic components and accessories	34,420 8,896	23,599 6,267	526 160	10,295 2,469	36,520 12,327	70,940 21,223	57 58
59A 59B	Motor vehicles (passenger cars and trucks)	23,958 25,285	16,975 22,360	160 960 438 670	6,023 2,487	126,780 54,981	150,738 80,266	59A 59B
60 61	Aircraft and parts	43,482 14,369	35,059 10,601	1 182	7,753 3,586	58,227 15,631	101,709 30,000	60 61
62 63 64	Scientific and controlling instruments	60,227 14,319	39,582 4,934	638 146	20,007 9,239	45,262 9,812	105,489 24,131	62 63
64 65A	Miscellaneous manufacturing	17,952 34,390	12,280 23,458	341 1,006	5,331 9,926	23,363 21,364	41,315 55,754	64 65A
65B	Railroads and related services; passenger ground transportation Motor freight transportation and warehousing Water transportation	83,371 12,796	55,533 7,140	2,615 583	25,223 5,073	83,582 19,644	166,953 32,440	65B 65C
65D 65E	Air transportation Pipelines, freight forwarders, and related services	42,166 19,624	32,761 10,710	5,696 993	3,709 7,921	51,975 13,992	94,141 33,616	65D 65E
66 67	Communications, except radio and TV Radio and TV broadcasting	120,561 11,809	43,959 8,399	12,620 541	63,982 2,869	87,533 17,550	208,094 29,359	66
68A	Electric services (utilities)	110,976	22,255	12,554	76,167	59,920	170,896	68A
68B 68C	Gas production and distribution (utilities)	22,373 8,802	5,837 4,337	4,329 1,833	12,207 2,632	70,784 10,380	93,157 19,182	68C
69A 69B	Wholesale trade	399,937 359,670	231,373 216,386	101,516 73,207	67,048 70,077	169,033 162,849	568,970 522,519	69A 69B
70A 70B	Finance	250,165 103,876	145,483 91,915	16,337 13,920	88,345 -1,959	166,107 127,221	416,272 231,097	70A 70B
71A 71B	Owner-occupied dwellings	398,831 412,233	48.354	73,022 79,726	325,809 284,153	58,419 137,880	457,250 550,113	71A 71B
72A 72B	Hotels and lodging places	33,531 53,997	21,166 30,383	5,222 2,095	7,143 21,519	26,071 37,775	59,602 91,772	72A 72B
73A 73B	Computer and data processing services Legal, engineering, accounting, and related services	71,345 170,992	49,419 119,231	1,869 1,717	20,057 50,044	44,385 85,369	115,730 256,361	73A
73C	Other business and professional services, except medical Advertising	246,758	145,046	5,575	96,137	93,687 10,636	340,445 29,865	65D 65E 666 677 68A 68B 68C 68B 70A 70B 71B 72A 73B 73B 73C 73D 74 77B 77B 77C 77B 77C 77B 77C 77B 77C 77B 77C 77C
73D 74	Eating and drinking places	19,229 134,648	11,774 95,245	352 16,647	7,103 22,756	146,060	280,708	74
75 76	Automotive repair and services	72,991 66,696	39,070 39,403	6,708 5,012	27,213 22,281	65,390 54,672	138,381 121,368	76
77A 77B	Health services Educational and social services, and membership organizations	371,448 125,701	290,825 116,120	3,437 524	77,186 9,057	193,538 102,631	564,986 228,332	77A 77B
78 79	Federal Government enterprises	46,883 40,089	47,839 27,599		-956 12,490	14,089 52,717	60,972 92,806	78 79
82 84	General government industry	764,389 10,087	654,208 10,087		110,181	***************************************	764,389 10,087	82 84
85 T	Inventory valuation adjustment	-7,982 6,233,90 5	3,645,042	505,591	-7,982 2,083,272	4,588,742	-7,982 10,822,647	85 T
		1 3,250,566	3,0,0,0,0	1 333,501	1	.,,,,,,,,	1,,	<u> </u>

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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 (1-0) accounts as the difference between the 1-0 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

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

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 1-0 value-added and the GPO estimates is the lack of consistency in industry classification at the establishment level. The 1-0 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 1-0 accounts, this difference does not exist, because the components of both final expenditures and value added result from the internally consistent 1-0 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 1-0 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.

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 1-0 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 1-0 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 1o accounts and the GPO estimates in order to reduce or eliminate these differences. BEA will be reviewing expected improvements in the source data and in the methodologies used to prepare both the 1-0 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 1-0 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.

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

		Billions o	of dollars		Perc	ent
	GF	ю	I-O valu	e 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	1,063.6 573.4 490.3	1,063.6 573.4 490.3	1,136.1 603.6 532.6	1,155.7 616.0 539.6	17.1 9.2 7.9	18.5 9.9 8.7
Transportation and public utilities Transportation Communications Electric, gas, and sanitary services	528.7 192.8 161.1 174.7	528.7 192.8 161.1 174.7	466.9 192.3 132.4 142.2	484.5 193.5 139.9 151.1	8.5 3.1 2.6 2.8	7.8 3.1 2.2 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	873.6 781.0 92.6	873.6 781.0 92.6	851.8 764.4 87.0	868.0 781.0 87.0	14.0 12.5 1.5	13.9 12.5 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.

^{5.} For differences between the GPO industry classifications, which follow the 1987 Standard Industrial Classification system, and the 1-0 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.

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

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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.

This article presents the results of the reconciliation of the bilateral current-account estimates of Canada and the United States for 1995 and 1996.

Table 1.—Major U.S.-Canadian Balances
[Billions of U.S. dollars]

		ished nates	Recor estima	
	United States	Canada	United States	Canada
1995				
GoodsServicesInvestment income	-19.5 5.7 7.4	23.4 -5.8 -12.3	-24.5 5.4 10.6	24.5 -5.4 -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 6.2 7.5	29.3 -6.0 -11.9	-29.6 5.7 10.7	29.6 -5.6 -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.

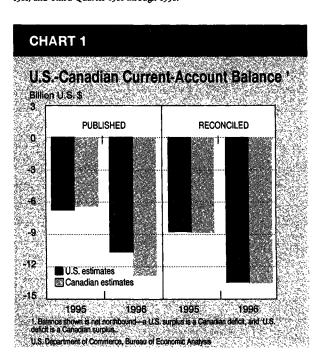
Details may not add to totals because of rounding.

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.



^{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

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.)

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

Changes in the Canadian-Published International Transactions Accounts

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

Adjustments that were eliminated

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

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

changes, the adjustments to the Canadian-published accounts to add the gross value of returned processed goods and to eliminate progress payments are no longer required.

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

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

New adjustment

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

^{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.

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. south-bound 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]

	Defin	itional		Method	ological		Statis	stical	Tot	tal	
	United		Reclass	ification	Gross	or net	United		United		
	States	Canada	United States	Canada	United States	Canada	States	Canada	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 -54	-152 -584	-447			537	-1,107 151	-152 -47	-1,223 -350	
Government	***************************************						38	16	38	16	
Investment income		-684 -269			-507	-1,943 -118	2,587 -695	439 856	2,080 695	-2,188 425	
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]	Ì								
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	
AffiliatedUnaffiliated		-64 -47	-151 -590	-474			555	-844 156	-151 -35	-908 -365	
Government			·····				37	,24	37	24	
Investment income		-1,026 -293		-70	-536	-1,646 -103	2,858 -772	940 1,646	2,322 -772	-1,733 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]

			·							
	Defini	tional		Method	ological		Statis	tical	Tota	ži
		United	Reclass	ification	Gross	or net		United		United
	Canada	States	Canada	United States	Canada	United States	Canada	States	Canada	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		-4 91	-9			-591	702	-1,140	693
AffiliatedUnaffiliated	9 47		-4 91	-9			-825 265	690	-834 -273	681
Government							-31	12	-31	12
Investment income	-256 -149				-1,943 -118	-507	1,707 776	-607 -457	-492 509	-1,114 -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							1			ĺ
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 -51		-509	-10			-313 159	878	-326 -401	868
Government							-80	13	-80	13
Investment income	-183 -96				-1,646 -103	-536	1,325	-324 -252	-504 -62	-860 -252
Other	-87				-1,543	-536	1,188	-72	-442	-608
Unilateral transfers	-1,139					319	-48		-1,187	319
Total adjustments	-952	4,376			-1,646	-217	2,365	1,730	-233	5,888

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

	Pul	olished estima	ites	Rec	onciled estima	ates	Adjustme published					
	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 Transfers under U.S. military agency sales contracts Travel	18,437 136 6,207	19,464 (¹) 6,597	-1,027 136 -390	18,552 136 6,675	18,486 136 6,675	66	115 468	-978 136 78				
Passenger fares Other transportation Royalties and license fees Other services	1,284 2,688 1,212 6,910	1,099 2,290 1,461 8,017	185 398 -249 -1,107	1,099 2,682 (²) 7,960	1,099 2,656 (²) 7,920	26	-185 -6 -1,212 1,050	365 -1,461 -97				
Investment income	17,899 8,812 9,087	22,166 7,693 14,473 (3)	-4,267 1,119 -5,386	19,978 8,117 11,862 (3)	19,978 8,117 11,862 (3)		2,079 -695 2,775	-2,188 424 -2,611				
Unilateral transfers, net		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 Transfers under U.S. military agency sales contracts Travel Passenger fares Other transportation Royalties and license fees Other services	20,180 166 6,763 1,331 2,889 1,416 7,615	20,861 (¹) 7,239 1,118 2,443 1,554 8,507	-681 166 -476 213 446 -138 -892	20,393 166 7,331 1,118 2,894 (²) 8,884	20,298 166 7,331 1,118 2,870 (²) 8,813	95 24 71	213 568 -213 5 -1,416 1,269	-563 166 93 				
Investment income	17,497 8,642 8,855	21,551 6,690 14,861 (³)	-4,054 1,952 -6,006	19,819 7,870 11,949 (³)	19,819 7,870 11,949 (³)		2,322 -772 3,094	-1,733 1,180 -2,912				
Unilateral transfers, net	***************************************	478	-478	369	369		369					
Current account, northbound	172,286	176,282	-3,996	175,381	175,286	95	3,094	-996				

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

^{3.} Income on U.S. Government assets is included in income on other private assets in the Canadian-published accounts.

Table 3.2.—U.S.-Canadian Currrent-Account Reconciliation, Southbound [Millions of U.S. dollars]

	Put	dished estima	tes	Rec	onciled estima	ates	Adjustme	
	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 Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees	13,667 (¹) 4,395 303 2,435	12,736 54 4,319 306 3,357 139	931 -54 76 -3 -922	13,101 34 4,395 303 2,975	13,101 34 4,395 303 2,975 (2)		-566 34 540 -177	366 -20 77 -3 -382 -139
Other services	6,357	4,561	1,796	5,394	5,394		-963	833
Investment income	9,862 2,946 5,850 1,066	10,511 3,911 4,202 2,398	-649 -965 1,648 -1,332	9,368 3,454 3,849 2,065	9,397 3,454 3,878 2,065	-29 -29	-494 508 -2,001 999	-1,114 -457 -324 -333
Unilateral transfers, net	1,528	372	1,528	685	685		-843	-372 685
Current account, southbound	175,029	170,729	4,301	175,494	175,522	-29	465	4,793
1996	l							
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 Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other services	14,883 (1) 4,771 392 2,715 189 6,816	13,969 47 4,606 391 3,608 192 5,125	914 -47 165 1 -893 -3 1,691	14,657 26 4,771 392 3,271 (²) 6,197	14,657 26 4,771 392 3,271 (²) 6,197		-226 26 557 -189 -619	688 -21 165 1 -337 -192 1,072
Investment income Direct investment Other private assets/liabilities U.S. Government liabilities	9,678 3,095 5,507 1,076	10,007 3,285 4,429 2,293	-329 -190 1,078 -1,217	9,175 3,033 4,153 1,989	9,147 3,033 4,125 1,989	28 28	-504 -62 -1,354 913	-860 -252 -304 -304
Unilateral transfers, net	1,844	338	1,844	657	657		-1,187	-338 657
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	209 7 -8	1,551 140 185	Reclassification Definitional and statistical
Reconciled	127,793	127,793	
1996	l		
Balance of payments basis, published	134,609	133,392	
Reconciliation adjustments: Inland freight	186 5	1,338 220 290	Reclassification Definitional and statistical
Reconciled	134,800	134,800	

Table 4.2.—Trade in Goods, Southbound

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

Table 5.1.—Travel, Passenger Fares, and Other Transportation, Northbound [Millions of U.S. dollars]

	[minorio or over contact]											
	Put	lished estir	nates	Rec	onciled esti	mates		Adjustr	ments 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 6,207	6,597 6,148 388 61	-390 59 - 388 <i>-</i> 61	6,675 6,148 403 124	6,675 6,148 403 124		468 -59 403 124	78 15 63	Statistical Reclassification and statistical 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 60 55 1,579 360	1,936 220 28 1,266 422	118 -160 27 313 -62	2,123 128 55 1,548 392	2,096 128 28 1,548 392	27	69 68 -31 32	160 -92 282 -30	Statistical Reclassification and statistical Statistical			
Port services Vessel operators Airline operators Other	470 30 291 149	336 41 292 3	134 -11 -1 _146	345 41 291 13	345 41 291 13		-136	9 -1 10	Statistical Statistical Statistical			
Other	164	17	147	213	214	-1	49	197	Reclassification and statistical			
1996 Travel Business and personal Education Medical	6,763 6,763	7,239 6,776 402 61	-476 -13 -402 -61	7,331 6,776 426 129	7,331 6,776 426 129		568 13 ,426 129	92 24 68	Statistical Reclassification and statistical 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 32 57 1,695 353	2,075 224 32 1,395 424	62 -192 25 300 -71	2,239 114 57 1,678 390	2,214 114 32 1,678 390	25	102 82 -17 37	139 -110 283 -34	Statistical Reclassification and statistical Statistical			
Port services	583 61 363 159	351 42 306 3		430 42 363 25	430 42 363 25		-153 -19 -134		Statistical Statistical Statistical			
Other	169	19	150	225	226	-1	56	207	Reclassification and statistical			

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

Table 6.1.—Other Services, Northbound

	Pub	lished estin	nates	Rec	onciled esti	mates	1	Adjustment	s 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 Other services	1,061 3,428	1,314 4,246	-253 -818	(1) (1)	(1) (1)	(t) (t)	(¹) (¹)	(1) (1)	
Unaffiliated	3,459	3,722	-263	3,412	3,372	40	-47	-350	
Royalties, license fees, and selected services	104	473 262 468 4 655 935 543 58 104 220 23 164 33 37 159	18 126 126 112 420 -380 33 -374220 -23 -164 -33 16 -38					-220 -23 -164 -33	Statistical Statistical Statistical Reclassification and statistical Reclassification and statistical Reclassification and statistical Reclassification and statistical Statistical Definitional Reclassification Reclassification Statistical Statistical
Private:	3,033	10,001	-1,029	0,004	0,013	1 "	-14/	-1,240	
Affiliated	5,154	5,911	-757	5,003	5,003		-151	-908	Definitional and statistical
			i	5,003	3,003			-500	Delimitional and statistical
Royalties and license feesOther services	1,242 3,912	1,396 4,515	-154 -603	(1)	(*)	[8	(1)		
Unaffiliated	3,700	3,959	-259	3,665	3,594	71	-35	-365	
Royalties, license fees, and selected services Insurance Financial services Education Communications Business services Sports and entertainment Commuters' wages Trade union transactions Other Commissions Railway port services Aircraft leasing	297 1,068 185 62 109	577 62 109 232 24	130 437 -399 67 -392 	15 429 963 559 62 109	559 62 109	71	-426 132 -105 374	-267 -109 -18 -232 -24 -174	Statistical Statistical Statistical Reclassification and statistical Statistical Reclassification and statistical Reclassification and statistical Statistical Statistical Definitional Reclassification
Government: United States	63 116							24	Statistical Statistical

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

Table 6.2.—Other Services, Southbound

	Pub	lished estim	ates	Rec	onciled esti	nates	,	Adjustment	s 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:	ł								
Affiliated	2,858	2,024	834	2,024	2,024		-834		Definitional and statistical
Royalties and license feesOther services	147 2,711	105 1,919	42 792	(¹) (¹)	(¹) (¹)		(¹)	(1) (1)	
Unaffiliated	3,490	2,536	954	3,217	3,217		-273	681	i
Royalties, license fees, and selected. services Insurance Financial services Education Communications Business services Sports and entertainment Commuters' wages Trade union transactions Other Commissions Railway port services Aircraft leasing U.S. defense expenditures Government: Canada United States	525 374 300 729 714 372 152 118 206 45 91 36 34 12 171	254 605 190 9 677 435 87 152 127	271 -231 1-9 52 279 285 	524 472 190 677 713 371 152 118 	472 190 677 713 371 152 118 		-206 -45 -91 -36 -34	270 -133 -9 278 284 -9	Statistical Statistical Statistical Statistical Statistical Statistical Reclassification and statistical Statistical Definitional Reclassification Reclassification Reclassification Statistical Statistical
Total	7,005	5,317	1,688	6,197	6,197		-807	881	
Private:		ŀ		1	}			,	
Affiliated	3,052	2,726	326	2,726	2,726		-326		Definitional and statistical
Royalties and license fees Other services	157 2,895	122 2,604	35 291	(¹) (¹)	(¹) (¹)		(1)	(1)	
Unaffiliated	3,759	2,490	1,269	3,358	3,358		-401	868	
Royalties, license fees, and selected services Insurance Financial services Education Communications Business services Sports and entertainment Commuters' wages Trade union transactions Other Commissions Railway port services Aircraft leasing U.S. defense expenditures	778 765 397 162 125 205 48 97 28	325 473 195 10 689 442 61 161 134	235 -26 125 -10 89 323 336 1 -9 205 48 97 28	559 478 195 689 755 395 162 125	162 125				Statistical Statistical Statistical Statistical Reclassification and statistical
Government: Canada	13 181		13 80	13 101	13 101		80	13	Statistical 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]

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

Table 7.2.—Direct Investment Income, Southbound

	Pub	lished estin	nates	Rec	onciled esti	mates		Adjustm	ents 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 Earnings of incorporated affiliates Dividends	2,946 2,052 507 1,545 632 261	3,911 3,107 427 2,680 463 341	-966 -1,055 80 -1,135 169 -80	3,454 2,641 427 2,214 472 341	3,454 2,641 427 2,214 472 341		589 -80 669 -160 80	-457 -466 -466 9	Statistical Statistical Definitional and statistical Gross to net and statistical
1996					ļ		ļ		
Direct Investment Income Earnings of incorporated affiliates Dividends	3,095 1,874 422 1,452 974 247	2,597 285	-723 137 -860 396	3,033 2,281 285 1,996 642 110	2,281 285 1,996 642		-62 407 -137 544 -332 -137	-252 -316 -316 -316 64	Statistical

Table 8.1.—Other Investment Income, Northbound

[Millions of U.S. dollars]

	Put	olished estir	nates	Rec	onciled est	mates		Adju	stments 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 Dividends Interest on bonds	5,853 936 4,917	9,073 762 8,311	-3,220 174 -3,394	8,614 936 7,678	8,614 936 7,678		2,761 2,761	-459 174 -633	Definitional, reclassification, and statistical Definitional and statistical
U.S. claims/Canadian liabilities U.S. bank claims Other private U.S. claims	3,234 2,465 769	5,402 2,981 2,421	-2,168 -516 -1,652	3,248 1,156 2,092	3,248 1,156 2,092		14 -1,309 1,323	-2,154 -1,825 -329	Net to gross, gross to net, and statistical Net to gross and statistical
1996		[•			ĺ			
Other investment income	8,855	14,861	-6,006	11,949	11,949		3,094	-2,912	
Securities Dividends	5,940 1,048 4,892	9,871 805 9,066	-3,931 243 -4,174	9,268 1,048 8,220	9,268 1,048 8,220		3,328 3,328	-603 243 -846	Definitional, reclassification, and statistical Definitional and statistical
U.S. claims/Canadian liabilities U.S. bank claims Other private U.S. claims	2,915 2,270 645	4,990 2,642 2,348	-2,075 -372 -1,703	2,681 977 1,704	2,681 977 1,704		-235 -1,293 1,058		

Table 8.2.—Other Investment Income, Southbound

	Pub	lished estin	nates	Rec	onciled esti	mates		Adjust	ments to published estimates
3	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 1,360	2,675 1,588	-562 -228	2,586 1,588	2,586 1,588		473 228	-89	Definitional and statistical
Interest on bonds	753	1,087	-334	998	998		245	-89	Definitional and statistical
Canadian claims/U.S. liabilities Canadian bank claims Other Canadian claims	3,736 3,662 74	1,527 1,406 121	2,209 2,256 -47	1,264 1,200 64	1,292 1,228 64	-28 -28	-2,472 -2,462 -10	-235 -178 -57	Net to gross, gross to net, and statistical Net to gross and statistical
U.S. Government liabilities	1,066	2,398	-1,332	2,065	2,065	***************************************	999	-333	Statistical
1996	1			1					
Other investment income	6,583	6,722	-138	6,142	6,114	28	-442	-608	
Securities	1,949	2,944	-995	2,808			859	-136	Definitional and etatletical
Dividends Interest on bonds	1,225 724	1,692 1,252	-467 -528	1,692 1,116	1,692 1,116	***************************************	467 392	-136	Definitional and statistical Definitional and statistical
Canadian claims/U.S. liabilities Canadian bank claims Other Canadian claims	3,559 3,472 87	1,485 1,383 102	2,074 2,089 -15	1,345 1,280 65	1,317 1,252 65	28 28	-2,214 -2,192 -22	-168 -131 -37	Net to gross, gross to net, and statistical Net to gross and statistical
U.S. Government liabilities	1,076	2,293	-1,217	1,989	1,989	<u></u>	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

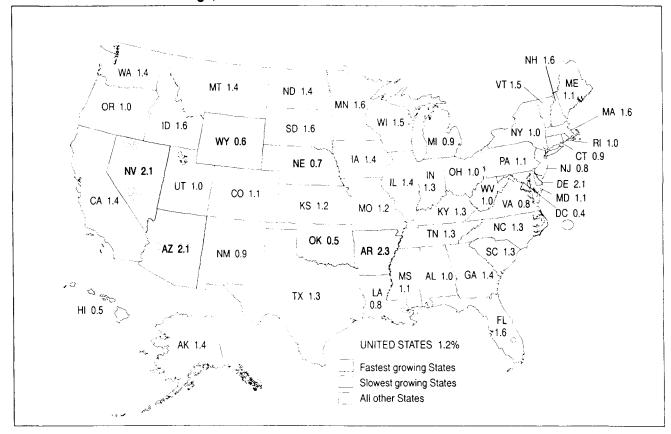
In this article, the percent changes are at quarterly—not at annual—rates.

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



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

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

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).

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 resi- dence ¹	Divi- dends, interest, and rent	Transfer payments
1 2 3 4	Fastest growing States: Arkansas Arizona Nevada Delaware	2.3 2.1 2.1 2.1	3.0 2.6 2.3 2.6	1.3 1.6 1.9 1.1	0.9 1.0 1.5 1.0
	United States	1.2	1.3	1.2	9.
47 48 49 50	Slowest growing States: Nebraska Wyoming Oklahoma Hawaii	.7 .6 .5	.7 .2 .2 .2	.5 1.3 1.1 1.1	.8 1.0 .9 1.0

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

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

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

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

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

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

Data Availability

The complete sets of the revised quarterly and annual State estimates are available on BEA's Web site: Go to http://www.bea.doc.gov> and select "Data" under "Regional." In addition, the entire set of the quarterly estimates is available on a single disketteproduct 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	Con- struction	Durable goods manufac- turing	Nondura- ble goods manufac- turing	Transpor- tation and public utilities	Whole- sale trade	Retail trade	Finance, insur- ance, and real estate	Services	Govern- ment
1 2 3 4	Fastest growing States: Arkansas Arizona Nevada Delaware	2.9 2.6 2.3 2.9	25.3 14.6 5.4 4	1.6	2.6 3.3 3.3 2.0	l 0	0.5 1.6 1.7 4.2	1.7 2.0 2.8 2.1	2.6 2.5 2.6 2.0	0.6 .9 1.7 .8	3.0 3.9 3.2 6.4	1.1 2.2 2.0 1.0	0.4 2.0 2.5 .9
	United States	1.3	7.2	1.0	1.2	1.0	.6	1.1	1.5	.8	2.2	1.7	.6
47 48 49 50	Slowest growing States: Nebraska	.7 .1 .1	3.9 3.1 5.5 1.2	-2.3 1.4 2.1 1.6	-10.8 -3.1 1 -3.7	-2.0 -7.1	2.3 .5 3.0 –5.9	-1.2 -3.0	.1 .5 1.6 1.3	6 .1 .1 2	3.9 4 3.2 1.5	1.3 .8 1.4 .8	0 .4 .9 .4

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

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 non-durable 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]

		. 19	94	•	OI UOIIAIS		95		Ι.	19	96		19	997	Percent	change 2
Area name	ļr.	[] r	III'	IV	l'r	H?	1017	10 *	r	ll?	1117	IV r	l'r		1996:IV- 1997:I	1997:I- 1997:II
United States 1	5,598,954	5,748,844	5,821,047	5,930,379	6,040,235	6,102,138	6,166,454	6,242,674	6,344,946	6,446,004	6,526,017	6,602,689	6,730,234	6,813,131	1.9	1.2
New England Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	335,475 97,530 23,369 154,679 26,545 21,907 11,444	343,878 98,905 23,792 159,849 27,408 22,237 11,687	347,323 100,245 23,966 161,169 27,764 22,341 11,838	355,046 102,134 24,332 165,293 28,412 22,699 12,177	361,426 104,157 24,630 168,247 28,839 23,121 12,433	366,632 105,263 24,975 170,826 29,559 23,507 12,502	370,349 106,209 24,979 173,256 29,592 23,684 12,630	375,186 107,485 25,282 175,702 30,050 23,853 12,815	379,607 109,083 25,590 177,592 30,336 23,971 13,034	385,048 110,491 25,984 180,415 30,727 24,270 13,160	388,521 111,178 26,251 182,334 31,109 24,341 13,307	394,993 112,912 26,669 185,678 31,584 24,743 13,407	403,147 116,025 27,066 189,315 31,986 25,111 13,644	408,517 117,084 27,373 192,335 32,509 25,371 13,845	2.1 2.8 1.5 2.0 1.3 1.5	1.3 .9 1.1 1.6 1.0 1.5
Mideast Delaware District of Columbia Maryland New Jersey New York Pennsylvania	1,097,321 16,973 17,543 123,776 217,719 457,466 263,844	1,136,708 17,398 17,855 126,304 225,102 480,298 269,750	1,147,591 17,634 17,891 128,124 227,909 482,982 273,050	1,170,927 18,063 17,889 129,853 232,014 495,876 277,233	1,186,541 18,424 17,979 132,435 235,873 500,818 281,013	1,194,849 18,573 17,999 133,396 238,211 502,971 283,700	1,203,961 18,823 18,011 134,073 239,921 507,122 286,012	1,216,140 19,208 18,097 135,171 242,202 512,336 289,126	1,237,524 19,552 18,444 137,621 245,984 522,825 293,099	1,251,871 19,842 18,299 139,245 249,308 527,239 297,938	1,264,426 20,252 18,629 140,748 251,460 532,396 300,941	1,280,913 20,735 18,787 142,657 254,430 540,159 304,145	1,304,164 20,809 19,011 145,502 259,310 550,884 308,649	1,317,041 21,240 19,086 147,033 261,436 556,314 311,931	1.8 .4 1.2 2.0 1.9 2.0 1.5	1.0 2.1 .4 1.1 .8 1.0
Great Lakes Illinois Indiana Michigan Ohio Wisconsin	938,607 275,095 116,775 211,206 231,322 104,209	956,555 282,975 118,451 212,657 235,603 106,869	971,897 287,659 120,811 216,162 238,369 108,896	989,413 291,548 122,623 221,040 243,179 111,023	1,011,205 297,953 125,000 228,072 247,297 112,884	1,016,414 299,874 125,260 227,381 249,836 114,063	1,025,335 302,507 125,840 229,862 252,041 115,086	1,037,991 306,538 127,120 232,862 254,992 116,480	1,050,678 311,898 128,813 235,014 257,084 117,869	1,067,473 316,298 131,434 238,849 261,194 119,697	1,080,212 320,221 133,113 241,129 264,418 121,331	1,088,807 323,827 134,643 242,326 265,610 122,402	1,107,534 329,850 136,275 246,708 270,413 124,288	1,120,394 334,400 137,988 248,911 272,994 126,100	1.7 1.9 1.2 1.8 1.8	1.2 1.4 1.3 .9 1.0
Piains lowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota	372,663 55,949 51,723 100,999 106,101 32,857 11,535 13,499	380,632 56,583 52,825 104,141 108,917 33,054 11,568 13,543	385,503 56,868 53,404 106,131 110,681 33,232 11,641 13,545	391,990 57,747 54,400 107,638 112,753 33,731 11,900 13,821	396,928 58,230 55,452 108,996 114,669 34,259 11,619 13,702	401,414 58,654 55,957 110,264 116,225 34,631 11,828 13,854	405,940 59,339 56,483 111,360 117,492 35,324 11,871 14,072	411,894 60,349 56,978 113,501 118,622 36,008 12,141 14,295	422,854 62,444 58,546 116,196 121,011 36,963 12,842 14,853	430,289 63,330 59,253 118,885 122,784 37,686 13,111 15,239	436,027 64,071 59,992 120,959 124,035 38,117 13,347 15,505	440,502 64,608 60,546 122,079 125,633 38,681 13,338 15,617	446,979 65,628 61,481 122,606 128,420 39,561 13,503 15,780	452,802 66,542 62,199 124,582 129,909 39,840 13,695 16,035	1.5 1.6 1.5 .4 2.2 2.3 1.2 1.0	1.3 1.4 1.2 1.6 1.2 .7 1.4
Southeast Alabama Arkansas Florida Georgia Kentucky Louisiana Missiscippi North Carolina South Carolina Tennessee Virginia West Virginia	1,221,821 75,273 41,229 298,446 141,048 67,032 76,946 41,444 137,881 64,376 100,628 147,101 30,419	1,248,266 76,832 41,927 305,288 145,277 68,403 77,453 42,230 140,171 65,511 103,053 151,219 30,901	1,264,476 77,915 42,262 308,762 147,389 68,991 78,715 42,889 142,289 66,563 104,909 152,644 31,149	1,287,334 79,356 42,899 314,135 150,700 70,257 79,764 43,465 145,363 67,626 107,365 154,985 31,421	1,315,532 80,849 44,006 322,062 154,451 71,560 81,220 44,325 148,917 69,009 109,635 157,790 31,708	1,330,900 81,643 44,711 325,801 156,103 72,417 81,823 44,797 151,505 69,827 111,021 159,368 31,885	1,346,689 82,531 45,284 330,072 158,784 72,972 82,912 45,387 153,258 70,483 112,222 160,764 32,021	1,366,123 83,247 46,153 334,334 162,160 74,008 83,053 46,079 156,724 71,511 113,817 162,642 32,392	1,384,840 84,122 46,329 342,159 164,063 75,075 83,917 46,721 158,014 72,08 114,441 165,259 32,659	1,409,188 85,655 47,567 346,800 168,023 76,525 85,273 47,627 161,859 73,495 116,169 167,219 32,976	1,427,939 86,740 48,005 351,320 170,891 77,707 86,111 48,188 163,920 74,607 117,626 169,444 33,381	1,443,187 87,568 48,436 355,118 172,857 78,235 86,892 48,402 166,616 75,377 118,806 171,277 33,603	1,473,278 89,017 49,006 362,659 176,972 79,910 88,472 49,258 170,636 76,822 121,399 175,261 33,867	1,492,349 89,877 50,124 368,286 179,521 80,940 89,159 49,795 172,915 77,859 122,963 176,702 34,209	2.1 1.7 1.2 2.1 2.4 2.1 1.8 2.4 1.9 2.2 2.3 .8	1.3 1.0 2.3 1.6 1.4 1.3 8 1.1 1.3 1.3 1.3 8 1.0
Southwest	522,706 76,413 27,736 57,257 361,301	537,381 78,955 28,202 58,478 371,746	546,513 81,116 28,791 58,954 377,651	559,118 82,990 29,341 60,075 386,712	568,008 85,300 30,231 60,341 392,135	576,315 86,460 30,580 61,041 398,234	584,361 88,345 31,009 61,604 403,402	592,619 89,968 31,304 62,385 408,962	603,099 92,200 31,823 63,239 415,838	613,576 93,851 32,152 64,273 423,301	623,327 95,623 32,367 65,003 430,334	630,151 96,709 32,526 65,541 435,376	645,319 99,120 33,300 66,982 445,917	653,841 101,217 33,596 67,304 451,724	2.4 2.5 2.4 2.2 2.4	1.3 2.1 .9 .5 1.3
Rocky Mountain Colorado Idaho Montana Utah Wyoming	157,269 81,218 20,032 14,780 31,943 9,296	162,219 84,145 20,620 15,030 32,955 9,470	164,913 85,537 21,016 15,242 33,565 9,554	168,410 87,670 21,258 15,495 34,220 9,767	172,902 89,985 21,944 15,891 35,196 9,885	174,647 90,804 22,135 16,029 35,701 9,977	177,649 92,494 22,446 16,250 36,388 10,072	180,764 93,779 22,945 16,456 37,378 10,205	183,459 95,749 23,112 16,566 37,856 10,177	187,084 97,514 23,581 16,788 38,848 10,354	190,154 99,191 23,795 17,017 39,697 10,453	192,566 100,578 23,877 17,213 40,397 10,501	196,424 102,492 24,354 17,292 41,505 10,781	198,677 103,657 24,732 17,533 41,915 10,841	2.0 1.9 2.0 .5 2.7 2.7	1.1 1.6 1.4 1.0 .6
Far West Alaska California Hawaii Nevada Oregon Washington	953,091 13,956 698,696 27,941 32,744 61,597 118,157	983,205 14,050 722,544 28,243 33,978 63,084 121,306	992,832 14,180 728,456 28,639 34,681 64,319 122,556	1,008,140 14,316 738,310 29,054 35,764 65,667 125,028	1,027,694 14,500 752,421 29,352 36,893 67,167 127,361	1,040,967 14,548 761,430 29,669 37,503 68,155 129,663	1,052,169 14,590 768,728 29,633 38,351 69,323 131,544	1,061,958 14,615 775,160 29,716 39,055 70,580 132,832	1,082,884 14,731 790,291 29,902 40,255 71,934 135,771	1,101,474 14,789 803,573 30,067 41,286 73,336 138,424	1,115,412 14,826 812,716 30,150 42,207 74,683 140,830	1,131,570 14,894 825,321 30,169 43,050 75,735 142,401	1,153,389 15,047 839,867 30,549 44,029 77,511 146,386	1,169,511 15,257 851,850 30,694 44,950 78,279 148,481	1.9 1.0 1.8 1.3 2.3 2.3 2.8	1.4 1.4 1.4 .5 2.1 1.0 1.4

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

P Preliminary.
Revised.
The personal income level shown for the United States is derived as the sum of the State estimates. It differs from the national income and product accounts (NIPA) estimate of personal income because, by definition, it omits the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms. It can also differ from the NIPA estimate because of different data sources and revision schedules.

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

Table 2.—Personal Income by Major Source [Millions of dollars, seasonally

			***	United	States			_	'	New I	England	***	
Line	Item		19	96		199	97		19	96		19	197
		r	117	III r	۱۷r	lr :][<i>P</i>	Įr.	11/	ur.	IV r	Įr.	P
	Income by Place of Residence												
1 2 3	Personal income (lines 4-11)	6,344,946 6,302,835 42,111	6,446,004 6,400,089 45,915	6,526,017 6,476,984 49,033	6,602,689 6,553,152 49,537	6,730,234 6,680,685 49,549	6,813,131 6,760,004 53,127	379,607 379,017 590	385,048 384,413 635	388,521 387,823 698	394,993 394,302 690	403,147 402,496 651	408,517 407,790 727
	Derivation of Personal Income												
4 5 6 7 8 9 10	Earnings by place of work (lines 12-16 or 17-34) Less: Personal contributions for social insurance 1 Plus: Adjustment for residence 2 Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 3 Plus: Transfer payments State unemployment insurance benefits Transfers excluding State unemployment insurance benefits	4,441,995 300,024 -3,297 4,138,674 1,153,180 1,053,092 22,444 1,030,648	4,526,759 304,576 -3,375 4,218,808 1,162,440 1,064,756 21,628 1,043,128	4,582,201 307,752 -3,424 4,271,025 1,182,632 1,072,360 20,804 1,051,556	4,641,597 311,016 -3,484 4,327,097 1,194,204 1,081,388 21,092 1,060,296	4,725,608 317,710 -3,558 4,404,340 1,218,792 1,107,102 21,654 1,085,448	4,787,585 320,837 -3,618 4,463,130 1,233,114 1,116,887 21,487 1,095,400	259,848 17,074 4,544 247,318 73,450 58,838 1,684 57,155	265,007 17,358 4,534 252,182 73,840 59,026 1,542 57,484	267,262 17,476 4,615 254,401 74,995 59,125 1,475 57,650	273,014 17,825 4,698 259,887 75,646 59,460 1,524 57,936	278,439 18,234 4,799 265,004 77,342 60,801 1,589 59,212	282,549 18,448 4,850 268,951 78,317 61,249 1,532 59,717
	Earnings by Place of Work	ļ :											ŀ
12 13 14 15 16	Components of earnings: Wage and salary disbursements Other labor income Proprietors' income 4 Farm proprietors' income Nonfarm proprietors' income	3,532,560 404,804 504,631 27,275 477,356	3,604,680 407,696 514,383 30,891 483,492	3,656,444 408,180 517,577 33,829 483,748	3,710,692 408,848 522,057 34,149 487,908	3,785,153 412,075 528,380 33,979 494,401	3,835,312 414,873 537,400 37,371 500,029	208,564 23,490 27,794 245 27,548	213,098 23,668 28,241 289 27,951	215,321 23,574 28,366 351 28,015	220,510 23,830 28,674 340 28,333	225,298 24,061 29,080 297 28,783	228,724 24,293 29,532 369 29,163
	Earnings by Industry							, ,					ł
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	Farm Nonfarm Private Agricultural services, forestry, fishing, and other 5 Mining Construction Manufacturing Durable goods Nondurable goods Transportation and public utilities Wholesale trade Retail trade Finance, insurance, and real estate Services Government and government enterprises Federal, civilian Military State and local	42,111 4,399,884 3,714,828 28,848 39,004 804,184 491,816 312,368 305,672 277,308 406,096 364,064 1,242,128 685,056 132,036 49,216 503,804	45,915 4,480,844 3,790,720 29,708 39,232 253,412 820,808 504,208 308,788 282,696 413,512 374,624 1,267,940 690,124 132,356 48,880 508,888	49,033 4,533,168 3,837,480 30,232 38,808 257,152 826,668 508,400 311,164 286,588 416,636 378,292 1,291,940 695,688 131,952 48,752 514,984	49,537 4,592,060 3,892,964 30,292 39,132 261,072 831,912 510,688 321,224 310,284 291,436 425,168 385,524 1,318,144 1,318,144 48,484 48,484 518,272	49,549 4,676,059 3,968,186 31,126 39,813 226,089 841,073 517,283 323,789 316,634 296,861 431,820 392,859 1,351,914 707,873 135,607 49,467 522,799	53,127 4,734,458 4,022,270 32,230 40,213 269,315 847,999 522,385 325,614 320,134 301,327 435,279 401,372 1,374,402 712,188 135,290 49,153 527,745	590 259,258 226,687 1,485 210 12,481 49,632 33,548 16,083 14,066 16,529 23,281 25,952 83,051 32,571 5,355 1,285 25,931	635 264,372 231,723 1,541 216 12,868 50,660 34,316 16,344 16,834 16,359 26,559 84,919 32,649 5,369 1,264 26,045	698 266,564 233,660 1,572 213 13,139 50,891 34,362 16,530 14,254 17,060 24,126 26,338 86,036 32,904 5,347 1,249 26,308	690 272,324 239,466 1,596 206 13,391 51,500 34,885 16,615 14,392 17,598 24,655 27,214 88,914 32,858 5,376 1,248 26,233	651 277,788 244,611 1,624 209 51,934 34,955 16,975 14,425 17,798 24,779 28,598 91,447 5,491 5,491 24,779 26,411	727 281,822 248,420 1,674 210 14,034 52,889 35,726 17,163 14,764 18,086 24,893 22,671 93,199 33,402 5,479 1,267 26,656

	†			New Ha	mpshire					Rhod	e Island		i
Line	Item		19	96		19	97		19	96		19	997
		Įr.	111	1117	IV	l'	P	lr.	Hr.	lli r	IV r]r	P
1 2 3	Personal income (lines 4-11)	30,336 30,294 42	30,727 30,682 45	31,109 31,062 47	31,584 31,537 47	31,986 31,939 47	32,509 32,458 52	23,971 23,944 27	24,270 24,241 29	24,341 24,310 31	24,743 24,712 31	25,111 25,079 32	25,371 25,335 35
4 5 6 7 8 9 10	Derivation of Personal Income Earnings by place of work (lines 12-16 or 17-34) Less: Personal contributions for social insurance 1 Plus: Adjustment for residence 2 Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 3 Plus: Transfer payments State unemployment insurance benefits Transfers excluding State unemployment insurance benefits	19,287 1,339 2,400 20,349 5,906 4,081 39 4,042	19,613 1,358 2,461 20,716 5,955 4,056 35 4,021	19,921 1,377 2,480 21,024 6,059 4,027 33 3,993	20,302 1,403 2,542 21,442 6,117 4,026 35 3,991	20,393 1,412 2,623 21,604 6,258 4,124 36 4,087	20,776 1,436 2,673 22,014 6,337 4,158 33 4,126	14,955 1,181 933 14,708 4,382 4,882 191 4,691	15,219 1,197 958 14,981 4,402 4,887 185 4,702	15,217 1,195 982 15,004 4,458 4,879 176 4,703	15,579 1,222 1,002 15,359 4,490 4,894 177 4,718	15,743 1,237 1,039 15,545 4,568 4,999 181 4,817	15,930 1,248 1,063 15,746 4,612 5,013 156 4,857
12 13 14 15	Earnings by Place of Work Components of earnings: Wage and salary disbursements Other labor income Proprietors' income 4 Farm proprietors' income Nonfarm proprietors' income	15,157 1,800 2,329 16 2,313	15,458 1,813 2,343 18 2,324	15,741 1,825 2,355 20 2,334	16,096 1,837 2,369 21 2,348	16,180 1,823 2,390 20 2,370	16,507 1,850 2,419 24 2,395	12,224 1,276 1,455 17 1,439	12,460 1,286 1,472 18 1,454	12,485 1,271 1,462 21 1,441	12,820 1,290 1,469 20 1,449	12,960 1,293 1,490 21 1,469	13,117 1,301 1,512 24 1,487
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	Farm	42 19,245 16,974 109 1,169 4,345 3,105 1,241 1,141 1,307 2,239 1,262 5,393 2,270 366 45	45 19,569 17,233 112 20 1,138 4,512 1,299 1,149 1,289 2,278 5,499 2,276 370 43 1,868	47 19,874 17,557 115 20 1,176 4,646 3,348 1,297 2,294 1,275 5,578 2,318 2,318 43 1,906	47 20,255 17,955 117,955 117 21 1,170 4,622 1,172 1,410 2,401 1,323 5,718 2,299 374 42 1,884	47 20,346 18,024 123 18 1,196 4,536 3,222 1,313 1,175 1,421 2,423 1,368 5,764 2,322 387 44 1,881	52 20,725 18,368 128 21 1,216 4,659 3,335 1,325 1,194 1,449 2,445 1,400 5,845 2,367 392 44	27 14,928 12,499 103 8 687 2,958 1,882 1,082 1,062 4,767 2,429 428 1,772 2,429	29 15,190 12,752 107 9 723 2,983 1,901 1,091 1,093 4,904 2,438 215	31 15,186 12,715 108 8 712 2,935 1,885 1,050 775 7,1409 4,934 2,471 441 215		32 15,711 13,183 105 8 761 3,128 1,909 1,218 805 1,459 1,115 5,028 2,528 465 237	355 15,895 13,355 108 111 1780 3,146 1,907 1,239 790 816 1,468 1,458 1,459 2,540 2,540 2,540 465 234 465

See footnotes at end of table.

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

		Conne	ecticut		Maine Massachusetts													
	199	96		19	97		19	96		19	97		19	96		19	97	Line
l*	117	III r	۱۷°	12	P	- Ir	li r	III'	IV r	j. Pr	P	1"	li r	III r	IV r	r	P	
109,083 108,922 161	110,491 110,311 181	111,178 110,977 202	112,912 112,709 202	116,025 115,850 175	117,084 116,879 205	25,590 25,485 106	25,984 25,877 107	26,251 26,139 112	26,669 26,559 110	27,066 26,954 112	27,373 27,257 116	177,592 177,455 137	180,415 180,267 149	182,334 182,171 163	185,678 185,515 163	189,315 189,162 152	192,335 192,162 173	1 2 3
73,380 4,683 3,880 72,578 21,694 14,812 468 14,344	74,715 4,755 3,864 73,824 21,830 14,837 420 14,417	74,976 4,765 3,947 74,158 22,179 14,842 395 14,447	76,435 4,855 4,018 75,598 22,394 14,919 402 14,517	78,807 5,024 4,088 77,872 22,871 15,282 406 14,876	79,442 5,040 4,148 78,550 23,137 15,398 380 15,017	16,648 1,180 217 15,685 4,697 5,209 123 5,086	16,937 1,199 222 15,960 4,737 5,287 117 5,170	17,069 1,207 228 16,091 4,814 5,346 114 5,232	17,396 1,228 235 16,403 4,864 5,403 116 5,286	17,581 1,246 234 16,569 4,966 5,532 122 5,410	17,793 1,258 241 16,776 5,019 5,579 120 5,459	126,800 8,092 -2,956 115,752 34,045 27,794 809 26,985	129,643 8,244 -3,045 118,354 34,171 27,890 733 27,157	131,103 8,323 -3,100 119,680 34,694 27,960 705 27,255	134,269 8,505 -3,184 122,580 34,961 28,137 743 27,394	136,753 8,692 -3,268 124,794 35,789 28,732 788 27,944	139,300 8,834 -3,361 127,104 36,281 28,950 788 28,162	4 5 6 7 8 9 10
58,354 6,764 8,262 66 8,196	59,537 6,799 8,378 86 8,292	59,862 6,735 8,379 107 8,272	61,239 6,799 8,398 106 8,292	63,263 6,945 8,599 78 8,521	63,686 6,956 8,800 106 8,693	13,133 1,486 2,028 32 1,996	13,398 1,496 2,044 34 2,010	13,520 1,492 2,058 38 2,020	13,803 1,504 2,088 36 2,052	13,980 1,509 2,092 37 2,055	14,163 1,520 2,109 40 2,069	102,856 11,335 12,609 43 12,565	105,322 11,448 12,872 55 12,817	106,729 11,426 12,947 69 12,879	109,502 11,577 13,189 68 13,121	111,740 11,663 13,350 56 13,294	113,954 11,827 13,519 75 13,443	12 13 14 15 16
73,219 64,552 395 91 3,313 15,154 10,640 4,671 3,896 4,671 5,909 9,355 21,767 1,129 8,667 1,129 7,162	181 74,534 65,833 3,480 15,410 10,931 4,479 3,976 4,795 5,950 9,621 22,208 8,701 1,130 376 7,196	202 74,774 65,958 407 3,533 15,606 10,959 4,647 3,905 4,800 5,928 9,172 22,514 8,817 1,125 385 7,306	202 76,233 67,638 415 7 3,527 15,835 11,271 4,563 3,971 4,916 6,212 9,393 23,280 6,595 1,113 388 7,094	175 78,632 69,903 422 3,756 16,042 11,361 4,681 4,031 5,009 6,194 10,413 23,947 8,729 1,114 3933 7,222	205 79 237 70 432 438 33,906 16,274 11,593 4,681 4,180 5,076 6,215 9,865 24,389 6,005 1,111 396 7,297	106 16.542 13,715 185 5 1,039 3,204 1,540 1,664 983 1,959 997 1,959 97 2,827 577 194 2,057	107 16,830 13,884 191 5 1,065 3,217 1,668 986 986 1,065 4,539 2,845 579 201 2,066	112 16,958 14,121 195 4 1,125 3,222 1,553 1,668 988 988 988 4,550 2,021 1,056 4,550 2,037 575 205 2,057	110 17,285 14,407 198 1,205 3,209 1,633 1,676 993 2,086 1,110 4,684 4,878 577 205 2,096	112 17,469 14,579 198 1,176 3,309 1,631 1,678 1,003 2,084 1,110 4,768 2,890 592 212 2,087	116 17,676 14,787 204 5 1,174 3,374 1,661 1,713 1,018 950 2,095 1,129 4,838 2,889 593 2,088	137 126,663 111,618 632 66 5,708 22,147 15,051 7,096 6,784 8,425 10,857 12,790 44,207 15,045 2,627 399 12,019	149 129,494 114,468 669 69 5,872 22,740 15,431 7,309 6,935 8,677 11,181 13,088 45,239 15,026 2,616 370 12,040	163 130,940 115,828 684 66 65,958 22,651 15,237 7,353 6,935 8,805 11,533 13,251 45,945 15,112 2,610 359 12,144	163 134,106 118,843 695 63 6,136 22,995 15,555 7,407 6,983 9,059 11,569 13,791 47,595 15,263 2,634 347 12,282	152 136,601 121,318 711 6,297 23,021 15,445 7,576 9,176 11,650 14,108 49,355 15,284 2,700 346 12,238	173 139,127 123,758 729 65 6,361 23,478 15,794 7,684 7,057 9,327 11,681 14,619 50,443 15,369 2,684 343 12,342	17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

		Verr	nont					Mid	east					Dela	ware			
	19	96		19	97		19	96		19	97		19	96		19	97	Line
r	ll'r	*	IV*	r	P	l ^r	117	III r	IV r		P	Įr.	117	1117	IV"	lr.	P	
13,034 12,917 117	13,160 13,036 124	13,307 13,164 144	13,407 13,270 137	13,644 13,511 133	13,845 13,698 147	1,237,524 1,235,538 1,986	1,251,871 1,249,804 2,067	1,264,426 1,262,188 2,239	1,280,913 1,278,616 2,296	1,304,164 1,301,926 2,238	1,317,041 1,314,692 2,349	19,552 19,453 100	19,842 19,729 112	20,252 20,129 123	20,735 20,595 141	20,809 20,670 138	21,240 21,103 138	1 2 3
8,778 600 69 8,247 2,726 2,061 55 2,006	8,879 605 74 8,349 2,743 2,068 52 2,016	8,975 609 77 8,444 2,792 2,072 51 2,021	9,033 612 84 8,505 2,820 2,082 52 2,030	9,162 624 83 8,621 2,890 2,133 55 2,078	9,309 633 85 8,762 2,931 2,152 55 2,097	858,641 57,884 -11,784 788,973 232,245 216,307 5,757 210,550	868,827 58,300 -11,309 799,218 233,702 218,951 5,479 213,472	876,481 58,658 -11,591 806,231 237,161 221,034 5,519 215,515	890,145 59,410 -11,762 818,972 239,266 222,674 5,183 217,491	904,871 60,606 -11,868 832,397 243,909 227,859 5,258 222,601	913,467 61,015 -11,879 840,573 246,540 229,928 5,305 224,623	14,971 926 -1,171 12,875 3,897 2,781 83 2,698	15,194 935 -1,180 13,079 3,923 2,840 82 2,757	15,573 957 -1,232 13,384 3,970 2,898 97 2,801	16,048 983 -1,294 13,770 4,000 2,965 126 2,839	15,966 981 -1,259 13,727 4,097 2,985 70 2,915	16,423 1,009 -1,331 14,083 4,141 3,016 71 2,945	4 5 6 7 8 9 10
6,840 829 1,110 70 1,039	6,922 826 1,131 77 1,054	6,985 825 1,166 97 1,069	7,051 822 1,161 89 1,071	7,175 828 1,159 85 1,074	7,297 838 1,174 98 1,076	691,126 75,995 91,520 876 90,644	699,953 75,841 93,033 954 92,079	707,477 75,636 93,368 1,121 92,248	719,831 75,889 94,424 1,169 93,256	733,230 76,353 95,288 1,097 94,190	740,650 76,623 96,194 1,194 95,000	11,627 1,479 1,865 72 1,793	11,814 1,471 1,908 85 1,824	12,137 1,488 1,947 95 1,852	12,514 1,513 2,021 113 1,909	12,473 1,492 2,002 110 1,892	12,867 1,539 2,017 109 1,908	12 13 14 15 16
117 8,661 7,329 61 21 575 1,824 1,331 492 504 462 929 484 2,469 1,332 229 42 1,062	124 8,755 7,792 63 21 1,591 1,291 1,291 1,291 1,393 406 2,529 1,363 2,311 41 1,091	144 8,832 7,482 64 21 1,833 1,320 513 512 4515 942 507 2,576 1,350 227 42 1,081	137 8,897 7,551 65 22 626 1,837 1,323 514 516 478 963 2,538 1,346 2,259 42 42 1,076	1,390 508 512 460 969 484 2,584 1,424 234	147 9,162 7,730 66 20 597 1,957 1,437 520 526 468 989 989 500 2,607 1,432 234 234 1,156	1,986 856,655 718,440 3,837 2,086 37,197 126,430 63,366 63,044 58,411 52,068 65,651 107,372 265,339 138,214 34,328 4,400 99,486	2,067 986,760 727,500 3,823 2,118 38,537 127,840 64,460 63,379 57,737 52,624 66,684 106,712 269,424 139,260 34,344 4,228 4,284	2,239 874,242 736,102 3,951 2,083 39,354 128,751 64,771 63,980 57,938 53,037 67,110 110,649 273,218 138,140 34,277 4,239 99,624	2,296 887,848 749,417 3,994 2,171 40,180 128,961 64,578 64,382 57,622 57,622 138,431 14,657 138,431 4,154 99,990	2,238 902,632 764,018 4,047 2,076 41,180 129,566 64,776 57,786 55,539 120,016 284,749 138,614 35,145 4,255 99,215	2,349 911,118 771,955 4,171 2,138 41,651 129,356 64,748 58,724 55,723 70,122 121,103 288,968 139,163 34,991 4,280 99,892	100 14,872 12,972 60 7 7 924 4,415 8855 3,530 677 574 1,233 1,823 3,261 1,839 239 177 1,484	112 15,081 13,165 60 979 4,273 893 3,380 706 1,909 3,391 1,916 241 174 1,501	123 16,450 13,507 7 1,102 4,391 846 3,545 704 1,277 1,910 3,453 1,943 247 1,526	141 15,907 13,973 63 7 7,7 1,277 4,420 8077 3,613 693 606 1,288 2,107 3,512 1,334 24,50 167 1,523	138 15,828 13,874 65 7 7 1,178 4,495 911 3,584 682 593 1,336 1,336 1,935 243 169 1,542	138 16,285 14,313 67 7 1,202 4,711 975 3,735 697 605 1,347 2,031 3,647 1,972 2,433 168 1,561	17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

Table 2.—Personal Income by Major Source [Millions of dollars, seasonally

				District of	Octobrio								
					Columbia						ryland		
Line	Item		19	96		199	97		199	96		19	197
		1r	ll*	Wr	IV	17	<i>P</i>	۱۲	ll r	017	IV r	r	P
	Income by Place of Residence				,								
1 2 3	Personal income (lines 4-11)	18,444 18,444 0	18,299 18,299 0	18,629 18,629 0	18,787 18,787 0	19,011 19,011 0	19,086 19,086 0	137,621 137,338 282	139,245 138,940 305	140,748 140,410 338	142,657 142,311 346	145,502 145,157 345	147,033 146,680 353
	Derivation of Personal Income												
4 5 6 7 8 9 10	Earnings by place of work (lines 12-16 or 17-34) Less: Personal contributions for social insurance Plus: Adjustment for residence Equals: Net earnings by place of residence Plus: Dividends, interest, and rent Plus: Transfer payments State unemployment insurance benefits Transfers excluding State unemployment insurance benefits	34,714 2,233 -20,972 11,509 3,206 3,729 95 3,634	33,472 2,142 -20,052 11,278 3,226 3,795 74 3,721	34,370 2,201 -20,670 11,500 3,263 3,867 77 3,790	34,636 2,214 -20,853 11,568 3,292 3,926 86 3,840	34,882 2,233 -20,965 11,684 3,349 3,978 73 3,905	34,799 2,220 -20,878 11,702 3,373 4,011 81 3,931	83,969 5,747 13,691 91,913 25,070 20,638 389 20,249	85,741 5,851 13,217 93,107 25,162 20,976 365 20,611	86,243 5,875 13,643 94,011 25,515 21,222 347 20,875	87,689 5,964 13,763 95,488 25,713 21,457 346 21,111	89,532 6,111 13,849 97,270 26,227 22,005 370 21,635	90,649 6,173 13,813 98,289 26,528 22,216 373 21,843
	Earnings by Place of Work	ĺ			1								1
12 13 14 15 16	Components of earnings: Wage and salary disbursements Other labor income Proprietors' income 4 Farm proprietors' income Nonfarm proprietors' income	29,739 2,791 2,184 0 2,184	28,634 2,661 2,177 0 2,177	29,499 2,714 2,158 0 2,158	29,783 2,709 2,143 0 2,143	29,997 2,701 2,183 0 2,183	29,914 2,678 2,208 0 2,208	69,242 7,148 7,578 171 7,407	70,857 7,225 7,659 193 7,465	71,418 7,192 7,633 226 7,407	72,803 7,239 7,648 233 7,414	74,475 7,325 7,732 231 7,501	75,487 7,374 7,788 237 7,551
	Earnings by industry					-			1				
17 18 19 20 21 22 23 24 25 26 27 28 30 31 32 33	Farm Nonfarm Private Agricultural services, forestry, fishing, and other s Mining Construction Manufacturing Durable goods Nondurable goods Transportation and public utilities Wholesale trade Retail trade Retail trade Government and government enterprises Federal, civilian Military State and local	0 34,714 20,521 388 16 389 967 141 826 1,384 306 878 1,906 14,288 14,193 11,475 777	0 33,472 19,623 276 14 363 363 804 1,276 299 855 1,716 13,883 13,849 11,278	0 34,370 20,452 331 14 386 3972 1,351 294 887 1,873 14,344 13,918 11,200 735 1,983	0 34,636 20,761 351 14 380 971 134 837 1,337 295 889 1,965 14,558 11,192 733 1,950	0 34,882 20,904 360 15 433 433 433 126 829 1,382 308 890 2,007 14,555 13,978 11,405 745 11,405	0 34,799 20,995 370 14 385 385 11,376 306 871 2,030 14,669 13,804 11,286 736 17,804	282 83,687 65,284 489 70 5,483 7,821 4,282 3,539 4,983 4,675 8,044 6,739 26,980 18,402 7,325 1,382 9,696	305 85,436 66,824 503 72 5,719 8,030 4,337 4,798 8,208 6,781 27,675 18,612 7,415 1,372 9,825	338 85,905 67,331 5,797 8,040 4,379 3,661 5,068 4,905 8,300 6,674 27,956 18,574 13,70 9,757	346 87,343 523 74 5,938 7,988 4,305 3,683 5,090 5,010 8,478 6,736 28,730 11,343 9,918	345 89,187 70,401 528 77 6,223 8,112 4,353 3,759 5,117 4,984 8,590 7,110 29,660 18,785 7,758 1,369 9,658	353 90,296 71,374 544 78 6,205 8,149 3,730 5,172 5,087 8,636 7,292 30,211 18,923 7,762 1,408 9,752

		-		Great	Lakes					HI	inois		
Line	item		19	96		19	97		19	96		1	997
		Įr.	li*	1117	۱۷r	l'r	P	r	ll'	III r	۱۷r	Įr.	<i>P</i>
	income by Place of Residence												
1 2 3	Personal income (lines 4-11)	1,050,678 1,046,480 4,198	1,067,473 1,063,215 4,259	1,080,212 1,075,483 4,729	1,088,807 1,084,008 4,799	1,107,534 1,102,662 4,872	1,120,394 1,115,529 4,865	311,898 310,280 1,618	316,298 314,731 1,567	320,221 318,444 1,777	323,827 321,971 1,856	329,850 327,876 1,975	334,400 332,586 1,814
	Derivation of Personal Income												
4 5 6 7 8 9 10	Earnings by place of work (lines 12-16 or 17-34) Less: Personal contributions for social insurance 4 Plus: Adjustment for residence 2 Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 3 Plus: Transfer payments State unemployment insurance benefits Transfers excluding State unemployment insurance benefits	745,695 49,712 2,709 698,692 187,723 164,263 3,864 160,399	760,606 50,596 2,755 712,766 188,712 165,995 3,875 162,120	770,296 51,179 2,783 721,900 191,474 166,838 3,553 163,285	776,163 51,463 2,862 727,562 193,030 168,215 3,728 164,488	788,304 52,427 2,899 738,776 196,934 171,824 3,895 167,929	798,079 52,941 2,954 748,091 199,201 173,101 3,811 169,290	222,837 14,850 -580 207,407 59,937 44,553 1,312 43,241	226,555 15,065 -564 210,926 60,331 45,041 1,299 43,742	229,426 15,232 -584 213,610 61,301 45,311 1,228 44,083	232,231 15,380 -567 216,285 61,846 45,697 1,264 44,432	236,298 15,682 -582 220,034 63,097 46,719 1,295 45,423	239,978 15,894 -607 223,476 63,822 47,101 1,286 45,815
	Earnings by Place of Work												
12 13 14 15 16	Components of earnings: Wage and salary disbursements Other labor income 4 Farm proprietors' income Nonfarm proprietors' income	603,519 76,437 65,739 2,455 63,284	616,923 77,175 66,509 2,487 64,021	625,977 77,230 67,089 2,931 64,158	631,765 76,821 67,577 2,981 64,597	642,631 77,231 68,442 3,032 65,410	651,132 77,677 69,270 3,003 66,267	178,749 20,842 23,246 1,303 21,943	182,030 20,944 23,581 1,253 22,328	184,526 20,947 23,953 1,466 22,487	186,953 20,932 24,347 1,549 22,798	190,336 21,075 24,888 1,665 23,223	193,565 21,321 25,092 1,500 23,592
	Earnings by Industry					1							
17 18 19 20 21 22 23 24 25 26 27 28 30 31 32 33	Farm Nonfarm Private Agricultural services, forestry, fishing, and other 5 Mining	4,198 741,497 645,545 3,410 2,431 40,860 202,890 141,686 61,205 45,565 48,186 65,489 51,901 184,814 95,952 14,006 2,543 79,403	4,259 756,347 659,515 3,521 2,506 41,855 208,259 146,196 62,063 46,329 48,831 66,315 53,413 18,486 96,832 14,056 2,507 80,270	4,729 765,567 667,642 2,482 42,945 209,870 147,553 49,584 66,666 54,038 191,860 2,500 81,376	4,799 771,364 672,576 3,595 2,483 43,259 209,496 146,774 62,722 46,379 50,203 67,905 54,375 194,883 14,113 2,483 82,192	4,872 783,432 683,984 3,702 2,387 43,926 212,454 148,709 63,745 46,949 51,359 69,086 55,195 198,926 99,449 14,172 2,512 82,764	4,865 793,214 692,973 3,842 2,395 45,126 213,320 149,293 64,027 47,783 52,030 69,557 56,871 202,048 100,241 14,131 2,467 83,644	1,618 221,219 193,274 1,012 769 12,013 44,322 26,650 17,672 16,461 16,127 18,272 21,500 62,798 4,630 1,187 22,128	1,567 224,988 196,392 1,048 787 12,201 45,234 27,349 17,885 16,671 16,207 18,498 21,764 63,981 28,596 4,670 1,190 22,736	1,777 227,649 198,831 1,081 777 12,504 45,459 27,632 17,826 16,429 18,463 21,975 65,460 28,817 4,679 1,201	1,856 230,376 200,823 1,085 768 45,536 27,520 18,015 16,642 16,499 18,852 22,128 66,745 29,553 4,706 1,206 23,641	1,975 234,324 205,272 1,120 697 12,680 46,485 27,718 18,767 16,940 19,427 23,167 67,915 29,052 4,816 1,221 23,015	1,814 238,164 208,975 1,159 689 12,918 47,285 28,209 19,076 17,179 17,143 19,550 23,889 69,162 29,190 4,821 1,181 23,188

See footnotes at end of table.

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

		New J	lersey				New York Pennsylvania											
	199	96		19	97		19	96		19	97		19	96		19	97	Line
lr.	r	Шr	۱۷r]r	P	ļr.	ll*	m'r	IV۲	<u>, </u>	IJР	ļr.	ll'r	III r	۱۷r	lr.	P	<u> </u>
245,984 245,743 242	249,308 249,057 251	251,460 251,186 273	254,430 254,144 285	259,310 259,032 278	261,436 261,141 296	522,825 522,289 536	527,239 526,713 526	532,396 531,843 553	540,159 539,608 550	550,884 550,329 555	556,314 555,744 571	293,099 292,272 827	297,938 297,066 872	300,941 299,990 952	304,145 303,171 974	308,649 307,726 922	311,931 310,939 992	1 2 3
159,517 11,069 14,057 162,506 49,972 33,507 1,385 32,122	162,563 11,239 13,983 165,307 50,288 33,713 1,403 32,310	163,447 11,270 14,210 166,387 51,021 34,052 1,649 32,403	165,961 11,414 14,550 169,096 51,471 33,863 1,295 32,568	169,045 11,665 14,883 172,263 52,432 34,615 1,292 33,324	170,190 11,709 15,094 173,575 52,968 34,893 1,271 33,622	370,427 24,307 -18,815 327,306 95,622 99,897 2,064 97,833	372,855 24,325 -18,697 329,833 96,330 101,076 1,934 99,142	376,038 24,470 -18,980 332,588 97,937 101,872 1,833 100,039	382,755 24,843 -19,427 338,484 98,904 102,770 1,827 100,944	390,139 25,427 -19,939 344,773 100,741 105,369 1,921 103,448	393,862 25,598 -20,167 348,096 101,860 106,358 1,918 104,439	195,043 13,604 1,427 182,865 54,478 55,755 1,741 54,014	199,003 13,808 1,419 186,614 54,773 56,551 1,622 54,929	200,810 13,885 1,437 188,362 55,456 57,124 1,516 55,607	203,057 13,991 1,500 190,565 55,887 57,693 1,504 56,189	205,306 14,188 1,562 192,680 57,062 58,906 1,533 57,373	207,543 14,306 1,590 194,827 57,670 59,433 1,591 57,842	4 5 6 7 8 9 10
129,763 14,239 15,515 103 15,412	132,446 14,347 15,769 113 15,657	133,319 14,277 15,852 134 15,718	135,586 14,327 16,047 145 15,903	138,349 14,428 16,269 136 16,133	139,345 14,420 16,425 152 16,273	297,491 31,324 41,613 132 41,481	299,441 30,969 42,444 122 42,323	302,536 30,837 42,665 147 42,518	308,506 30,980 43,269 140 43,129	315,281 31,285 43,573 140 43,433	318,472 31,408 43,982 151 43,831	153,264 19,013 22,765 397 22,368	156,760 19,168 23,075 441 22,634	158,568 19,128 23,114 519 22,595	160,640 19,121 23,296 538 22,758	162,656 19,122 23,529 481 23,047	164,565 19,205 23,773 546 23,228	12 13 14 15 16
242 159,276 135,936 693 212 6,930 25,693 9,355 16,337 14,089 13,825 12,842 13,731 47,922 23,340 3,298 540 19,502	251 162,311 138,749 717 216 216 219 9,542 25,959 9,542 16,418 14,365 13,027 14,247 48,911 23,563 3,326 19,720	273 163,174 140,022 733 26,132 9,536 16,577 14,419 13,055 14,238 49,658 23,152 3,307 504 19,340	285 165,676 142,191 215 21,395 26,030 9,371 16,659 14,567 14,578 13,277 14,634 23,484 3,303 496 19,686	278 168,767 145,058 749 243 23 37,698 9,403 16,541 14,576 13,527 15,715 51,770 23,770 3,665 512 19,833	296 169,895 146,089 776 224 4 7,736 25,542 9,036 16,506 14,793 15,164 13,678 15,800 52,376 23,805 3,364 520 19,920	536 369,892 315,198 1,251 12,833 46,729 24,808 21,922 23,665 21,533 24,671 68,726 115,484 15,694 6,571 968 47,155	526 372,329 316,875 1,285 1,285 26,009 21,927 22,670 21,927 22,670 25,042 68,709 117,019 55,483 6,634 925 47,895	553 375,485 320,830 1,308 316 316 315,528 47,136 25,119 22,017 22,733 21,554 25,156 6,039 47,144	550 382,205 327,624 1,327 33,723 47,221 25,266 21,956 22,362 21,849 21,575 73,519 121,502 54,580 6,602 898 47,080	555 389,585 335,408 1,327 13,736 47,784 25,381 22,402 22,517 22,517 22,517 24,177 6,780 900 46,496	571 393,291 338,673 1,361 1,361 14,076 47,898 26,521 22,552 22,659 26,246 78,055 125,4618 6,822 897 46,899	827 194,216 168,530 957 1,475 10,638 40,806 23,916 16,890 13,612 11,155 17,983 14,448 57,445 25,686 19,710	872 198,131 172,264 982 1,499 11,055 41,701 24,482 17,219 13,584 11,253 18,236 15,349 58,549 58,549 58,549 19,868	952 199,859 173,960 1,460 11,225 42,099 24,747 17,352 13,663 15,407 18,435 59,226 26,839 5,472 55,225	974 202,082 176,302 990 1,5:16 11,467 42,331 24,836 17,635 13,572 11,530 18,796 60,405 55,781 5,508 19,733	922 204,384 178,374 1,019 1,448 11,912 42,277 24,616 17,661 13,872 11,657 19,174 15,463 61,551 26,010 5,594 5599 19,858	992 206,551 180,510 1,052 1,485 12,046 42,082 24,529 17,553 14,133 11,861 19,344 15,896 62,611 26,041 5,513 5500	17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

		Indi	ana			Michigan						OI	nio					
	199	96		19	97		19	96		19	97		19	96		19	97	Line
17	ll'r	lll r	IV r	l'r	P	lr.	ll r	1117	IV r	١٢	P	r	117	III r	IV۲	١٢	P	
128,813 127,976 837	131,434 130,552 882	133,113 132,162 951	134,643 133,730 913	136,275 135,346 929	137,988 137,019 970	235,014 234,600 414	238,849 238,405 444	241,129 240,650 480	242,326 241,835 491	246,708 246,210 498	248,911 248,389 522	257,084 256,198 887	261,194 260,294 900	264,418 263,411 1,007	265,610 264,609 1,000	270,413 269,479 933	272,994 272,000 994	1 2 3
92,497 6,194 2,283 88,587 20,996 19,230 269 18,961	94,673 6,318 2,322 90,677 21,186 19,571 270 19,301	95,720 6,377 2,354 91,697 21,605 19,811 256 19,555	96,826 6,441 2,376 92,761 21,851 20,031 263 19,768	97,630 6,512 2,444 93,562 22,288 20,425 242 20,183	98,932 6,581 2,484 94,835 22,560 20,593 246 20,347	167,214 10,984 722 156,952 41,593 36,470 992 35,478	170,741 11,199 737 160,278 41,670 36,901 1,059 35,842	172,580 11,316 746 162,010 42,120 36,999 911 36,088	173,183 11,338 760 162,606 42,371 37,349 1,007 36,342	176,236 11,579 773 165,430 43,184 38,095 1,026 37,069	177,746 11,650 787 166,883 43,667 38,361 1,005 37,356	181,168 12,327 -1,496 167,344 43,697 46,043 796 45,247	184,966 12,560 -1,554 170,851 43,912 46,432 757 45,674	187,571 12,725 -1,574 173,272 44,516 46,630 677 45,953	188,102 12,734 -1,566 173,802 44,853 46,955 693 46,262	191,200 12,994 -1,607 176,599 45,771 48,042 819 47,223	193,028 13,078 -1,613 178,337 46,284 48,373 770 47,603	4 5 6 7 8 9 10
73,838 9,876 8,783 627 8,157	75,676 10,006 8,990 672 8,318	76,658 9,989 9,073 742 8,330	77,726 9,967 9,133 708 8,425	78,458 9,939 9,232 721 8,511	79,562 9,991 9,379 760 8,620	136,445 19,825 10,944 -30 10,974	139,763 20,004 10,974 -15 10,989	141,694 19,972 10,913 5 10,908	142,511 19,777 10,895 2 10,893	145,325 19,962 10,949 3 10,946	146,704 19,959 11,083 21 11,062	147,461 17,475 16,232 626 15,606	150,892 17,709 16,365 640 15,725	153,329 17,757 16,484 748 15,736	153,994 17,594 16,513 746 15,767	156,899 17,678 16,623 676 15,948	158,452 17,725 16,851 733 16,118	12 13 14 15 16
837 91,660 80,284 392 328 5,747 29,890 21,447 8,443 5,726 5,159 8,638 5,055 19,349 11,376 1,789 232 9,355	882 93,791 82,290 410 351 6,007 30,670 22,222 8,447 5,852 5,270 8,772 5,303 19,656 11,501 1,772 9,501	951 94,769 83,191 422 30,61 6,067 30,818 22,292 8,527 5,552 5,552 8,845 5,394 20,079 11,578 1,758 27,758	913 95,912 84,105 420 420 6,193 30,754 22,052 8,702 5,743 20,614 11,807 1,750 1,750 9,834	929 96,701 85,254 418 38,66,334 31,067 22,241 8,826 5,892 9,110 5,445 21,216 11,446 1,667 9,554	970 97,963 86,322 435 31,99 6,578 31,005 22,138 8,866 6,943 5,572 9,255 5,606 21,549 11,640 1,659 2,659 2,758	414 166,800 145,429 726 404 8,315 55,234 44,487 10,776 8,183 10,240 13,924 8,889 39,506 21,371 2,422 2722 18,677	444 170,297 148,763 747 4055 8,467 56,685 45,688 10,996 8,382 10,414 14,164 9,125 40,374 21,534 2,448 2588 18,829	480 172,100 150,573 762 401 8,594 46,236 46,236 11,109 8,339 10,552 14,294 41,002 21,527 2,456 2555 18,816	491 172,692 151,161 7744 402 8,691 57,091 46,187 10,904 8,330 10,737 14,518 9,198 41,420 21,631 2,462 18,819	498 175,738 153,387 803 404 8,889 58,138 47,085 11,052 8,635 11,015 14,546 9,094 41,884 22,351 2,438 2522 19,661	522 177 224 154,683 838 99,238 57,804 46,860 10,944 8,739 11,212 14,623 9,368 42,483 22,541 2,440 2525 19,848	887 180,281 156,215 809 8133 9,737 50,114 34,706 10,363 11,736 11,736 11,034 44,447 24,065 3,937 6633 19,466	900 184,066 160,136 832 846 10,034 51,796 36,055 15,741 11,950 17,298 45,317 23,929 3,916 6 19,365	1,007 186,564 161,991 855 855 10,371 52,149 36,329 15,830 10,576 12,146 17,455 11,741 45,874 45,874 24,574 3,900 20,038	1,000 187,101 162,700 843 816 10,396 51,912 36,011 15,901 10,596 12,366 17,776 11,741 46,228 24,401 3,923 19,853	933 190,267 165,226 876 7988 10,570 52,200 36,332 15,869 10,608 12,609 18,112 11,796 47,656 25,041 3,962 20,445	994 192,034 166,839 908 806 10,762 52,245 36,386 15,859 10,750 12,727 18,206 48,309 25,195 3,919 20,649	17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

Table 2.—Personal Income by Major Source [Millions of dollars, seasonally

				Wisco	onsin					PI	ains		
Line	Item		19	96		19	97		19	96		1	997
		ļr.	"	Mr.	1V r	ļr	ll P	įr.	117	W.	۱۷٬	Įr.	P
	Income by Place of Residence												
1 2 3	Personal income (lines 4-11)	117,869 117,427 442	119,697 119,231 466	121,331 120,816 515	122,402 121,862 539	124,288 123,751 537	126,100 125,535 565	422,854 413,179 9,675	430,289 419,777 10,512	436,027 424,782 11,244	440,502 428,965 11,538	446,979 435,259 11,721	452,802 440,621 12,181
	Derivation of Personal Income												
4 5 6 7 8 9 10	Earnings by place of work (lines 12-16 or 17-34) Less: Personal contributions for social insurance Plus: Adjustment for residence Equals: Net earnings by place of residence Plus: Dividends, interest, and rent Plus: Dividends, interest, and rent Plus: Transfer payments State unemployment insurance benefits Transfers excluding State unemployment insurance benefits	81,979 5,358 1,780 78,401 21,500 17,967 495 17,472	83,672 5,453 1,815 80,034 21,613 18,051 490 17,561	85,000 5,528 1,840 81,311 21,932 18,088 482 17,606	85,822 5,570 1,857 82,109 22,108 18,185 501 17,683	86,940 5,660 1,870 83,151 22,593 18,544 513 18,031	88,394 5,738 1,903 84,560 22,868 18,673 504 18,168	302,458 21,241 -3,410 277,808 78,896 66,151 1,100 65,051	309,035 21,602 -3,489 283,945 79,520 66,825 1,047 65,778	313,368 21,837 -3,523 288,008 80,740 67,279 1,009 66,270	316,763 22,009 -3,581 291,173 81,442 67,888 1,110 66,778	320,574 22,313 -3,632 294,628 83,022 69,329 1,101 68,228	325,244 22,566 -3,688 298,990 83,889 69,922 1,121 68,802
	Earnings by Place of Work												
12 13 14 15 16	Components of earnings: Wage and salary disbursements Other labor income Proprietors' income 4 Farm proprietors' income Nonfarm proprietors' income	67,026 8,419 6,535 70 6,604	68,562 8,511 6,599 -62 6,661	69,771 8,564 6,665 -31 6,696	70,582 8,550 6,690 -24 6,714	71,613 8,577 6,750 –32 6,782	72,848 8,681 6,865 -11 6,876	236,965 28,264 37,230 8,171 29,059	242,223 28,524 38,288 8,970 29,317	245,773 28,569 39,025 9,666 29,359	248,757 28,576 39,429 9,927 29,502	251,839 28,637 40,098 10,091 30,007	255,556 28,894 40,794 10,531 30,262
	Earnings by Industry	<u>'</u>											
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	Farm Nontarm Private Agricultural services, forestry, fishing, and other 5 Mining Construction Manufacturing Durable goods Nondurable goods Transportation and public utilities Wholesale trade Retail trade Finance, insurance, and real estate Services Government and government enterprises Federal, civilian Military State and local	442 81,538 70,342 471 118 5,048 23,321 14,416 8,906 4,832 4,924 7,491 5,423 18,714 11,195 11,228 19,777	466 83,206 71,934 485 117 5,146 23,874 14,881 5,019 5,019 5,639 19,158 11,272 1,248 9,839	515 84,485 73,056 503 121 5,408 24,100 15,073 9,027 5,072 5,104 7,608 5,695 19,445 11,257 181 9,991	539 85,283 73,787 492 119 5,393 24,203 15,004 9,199 5,045 5,769 19,841 11,496 1,273 10,044	537 86,403 74,843 485 120 5,453 24,564 15,333 9,231 5,062 5,303 7,890 5,692 20,275 11,289 11,289 11,289 11,289	565 87,829 76,154 5,630 24,981 15,699 9,281 5,172 5,376 5,376 1,292 20,566 11,675 1,292 182 10,201	9,675 292,783 248,013 1,921 1,508 18,541 58,178 33,995 24,183 22,471 21,481 26,384 21,482 74,036 44,770 7,594 34,608	10,512 298,523 253,349 1,563 1,563 1,564 1,617 59,474 34,900 24,574 22,858 21,342 75,800 22,342 75,800 2,535 34,949	11,244 302,123 256,471 1,527 11,527 18,866 60,042 35,557 24,485 22,377 29,094 22,450 77,690 25,532 25,532 35,430	11,538 305,225 259,472 1,991 1,538 60,577 35,648 24,929 22,982 22,576 78,682 45,753 7,725 2,515 35,513	11,721 308,853 263,000 2,049 1,474 19,592 60,898 35,5148 23,984 22,678 29,670 22,156 80,498 45,854 7,982 2,547 35,325	12,181 313,084 266,886 2,125 1,502 19,438 62,200 36,418 25,781 24,122 22,884 22,984 22,978 81,905 46,207 8,009 8,009 8,514 35,684

				Miss	ouri					Nel	oraska		
Line	ltem		19	96		`19	97		19	96		1	997
		14	r	III.r	IV r	r	P	r	117	W.	۱۷°	11	<i>P</i>
	income by Place of Residence			. <u>-</u>									
1 2 3	Personal income (lines 4-11)	121,011 120,221 790	122,784 122,002 782	124,035 123,197 838	125,633 124,799 834	128,420 127,582 838	129,909 129,023 886	36,963 35,068 1,895	37,686 35,587 2,099	38,117 35,943 2,174	38,681 36,220 2,461	39,561 37,101 2,460	39,840 37,285 2,555
	Derivation of Personal Income												
4 5 6 7 8 9 10	Earnings by place of work (lines 12-16 or 17-34)	85,769 5,834 -3,122 76,813 23,570 20,628 297 20,331	87,355 5,928 -3,187 78,240 23,757 20,787 266 20,521	88,123 5,967 -3,176 78,980 24,155 20,900 260 20,640	89,483 6,049 -3,253 80,182 24,393 21,058 275 20,782	91,586 6,215 -3,381 81,989 24,889 21,542 280 21,262	92,708 6,277 -3,419 83,011 25,175 21,723 271 21,452	27,118 1,927 -498 24,692 6,847 5,423 44 5,379	27,774 1,958 -511 25,304 6,879 5,503 45 5,458	28,131 1,978 -518 25,635 6,923 5,559 44 5,515	28,622 1,989 -524 26,109 6,955 5,617 50 5,566	29,369 2,046 -548 26,775 7,053 5,733 46 5,687	29,569 2,050 -545 26,974 7,089 5,776 41 5,735
	Earnings by Place of Work		,										
12 13 14 15 16		68,607 8,516 8,646 596 8,049	70,070 8,592 8,693 589 8,104	70,790 8,557 8,775 647 8,128	72,054 8,614 8,815 645 8,170	73,929 8,758 8,900 647 8,253	74,919 8,811 8,977 693 8,284	20,340 2,343 4,435 1,647 2,788	20,773 2,369 4,632 1,841 2,791	21,055 2,378 4,698 1,906 2,792	21,258 2,376 4,988 2,183 2,806	21,838 2,414 5,116 2,178 2,938	21,950 2,417 5,202 2,270 2,932
	Earnings by Industry									l			
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	Private Agricultural services, forestry, fishing, and other 5 Mining	790 84,979 73,125 431 237 5,504 17,328 9,766 7,562 7,227 5,856 8,135 6,074 22,333 11,854 2,691 623 8,541	782 86,573 74,532 5,524 17,428 9,987 7,441 7,489 5,963 6,325 22,894 12,706 622 8,713	838 87,285 75,082 447 239 5,676 17,363 9,951 7,411 7,351 6,036 8,306 6,334 23,330 12,202 2,684 650 8,869	834 88,650 76,339 448 241 5,717 17,629 10,086 7,543 7,492 6,163 8,470 6,441 23,738 12,311 2,683 6544 8,974	838 90,748 78,269 466 223 5,963 18,280 10,312 7,968 7,801 6,213 8,479 6,424 24,421 12,478 2,839 662 8,978	886 91,821 79,099 484 225 5,842 18,377 10,208 8,169 7,915 6,214 8,540 6,638 24,865 12,722 2,880 645 9,197	1,895 25,223 20,743 288 60 1,625 3,829 1,900 1,930 2,305 1,705 2,462 1,924 6,545 4,480 610 3,988 3,471	2,099 25,675 21,173 61 1,607 3,909 1,928 1,928 1,747 2,518 2,007 6,654 4,502 621 3,97 3,483	2,174 25,957 21,408 300 60 1,655 3,924 1,956 2,430 1,763 2,542 2,018 6,716 4,549 629 3395 3,525	2,461 26,161 21,629 293 57 1,651 3,985 1,946 2,039 2,445 1,786 2,584 2,011 6,817 4,533 392 3,507	2,460 26,909 22,342 302 59 2,004 3,966 2,025 1,941 2,512 1,812 2,597 1,930 7,162 4,567 631 3,988 3,538	2,555 27,014 22,445 313 58 1,787 4,064 2,078 1,986 2,572 1,813 2,581 2,004 7,254 4,569 637 394 3,538

See footnotes at end of table.

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

		lov	va		Kansas Minnesota													
	19	96		19	97		19	96		19	97		19	96		19	97	Line
r	117	III r	IV r	r	P	lr.	ll r	III r	IV"	lr.	P	ļr.	117	mr.	IV*	lr.	P	
62,444 59,635 2,808	63,330 60,332 2,999	64,071 60,911 3,161	64,608 61,393 3,215	65,628 62,213 3,415	66,542 63,158 3,384	58,546 57,507 1,040	59,253 58,184 1,070	59,992 58,829 1,163	60,546 59,347 1,199	61,481 60,296 1,185	62,199 60,966 1,233	116,196 114,621 1,575	118,885 117,058 1,827	120,959 119,032 1,927	122,079 120,228 1,852	122,606 120,765 1,841	124,582 122,559 2,023	1 2 3
43,883 3,093 301 41,091 11,484 9,866 182 9,687	I 41 783	45,169 3,153 316 42,333 11,679 10,059 182 9,878	45,569 3,173 316 42,712 11,754 10,142 188 9,954	46,192 3,210 347 43,329 11,943 10,356 203 10,153	47,023 3,267 332 44,088 12,030 10,424 192 10,232	40,048 2,840 1,031 38,240 11,367 8,940 155 8,785	40,707 2,878 1,054 38,883 11,350 9,021 144 8,877	41,347 2,919 1,031 39,458 11,455 9,078 139 8,939	41,804 2,945 1,064 39,923 11,468 9,155 152 9,004	42,299 2,990 1,120 40,429 11,719 9,333 144 9,189	42,761 3,011 1,136 40,886 11,886 9,427 164 9,262	86,121 6,130 -702 79,288 20,504 16,403 378 16,025	88,471 6,263 -720 81,488 20,816 16,581 361 16,221	90,066 6,363 -735 82,968 21,294 16,697 341 16,356	90,738 6,398 -746 83,593 21,599 16,887 16,490	90,428 6,383 -727 83,318 22,054 17,233 382 16,852	92,117 6,477 -742 84,898 22,295 17,389 394 16,995	7 8 9
33,007 4,021 6,855 2,535 4,320	33,538 4,042 7,020 2,726 4,293	33,955 4,050 7,164 2,890 4,273	34,316 4,047 7,206 2,948 4,258	34,665 4,047 7,480 3,146 4,334	35,399 4,114 7,509 3,112 4,398	31,137 3,801 5,110 806 4,304	31,712 3,826 5,168 827 4,342	32,276 3,864 5,207 910 4,297	32,693 3,863 5,249 938 4,311	33,147 3,871 5,281 920 4,361	33,491 3,887 5,383 965 4,419	69,838 8,007 8,276 1,210 7,066	71,704 8,090 8,678 1,450 7,228	73,109 8,112 8,846 1,537 7,309	73,809 8,080 8,849 1,449 7,399	73,518 7,954 8,956 1,434 7,522	74,852 8,059 9,206 1,610 7,596	12 13 14 15 16
2,808 41,075 34,482 348 76 2,854 9,224 5,630 3,593 2,673 2,838 4,078 3,002 9,389 6,592 828 125	2,999 6 41,601 2 35,024 35,72 6 80 2,697 7 9,417 7 5,779 8 2,693 8 2,693 2,887 4,126 6 6,577 8 9,616 6 6,577 8 855 125 5 5,597	3,161 42,008 35,340 359 9,528 5,900 3,628 2,699 9,528 2,699 9,528 2,695 4,157 3,075 9,795 6,669 863 124 5,682	3,215 42,354 35,671 362 811 9,505 5,838 3,667 2,710 3,022 4,214 3,272 9,886 6,683 864 124 5,695	3,415 42,777 35,912 368 78 2,776 9,612 5,966 3,645 2,749 3,025 4,231 3,111 9,961 6,864 879 126 5,860	3,384 43,639 36,746 381 80 2,878 9,950 6,194 3,756 2,783 3,067 4,259 10,128 6,893 126 6,893 126 5,887	1,040 39,008 32,010 258 2,448 7,413 4,653 2,760 3,908 2,356 9,095 6,998 1,199 708 5,091	1,070 39,637 32,625 264 400 2,513 7,584 4,789 3,199 2,950 4,002 2,419 9,295 7,012 1,209 6,93 5,109	1,163 40,184 33,157 270 977 2,431 7,922 5,104 4,018 4,018 4,018 4,018 1,203 678 678	1,199 40,605 33,505 272 394 2,443 7,952 2,824 3,122 4,104 2,465 9,589 7,099 1,218 674 5,207	1,185 41,114 34,123 285 2,493 7,898 2,820 3,161 4,170 2,403 9,829 1,254 6,991 1,254 5,051	1,233 41,529 34,552 297 406 8,132 5,320 2,817 4,193 2,478 9,998 6,576 6,576 6,505 6,505	1,575 84,546 73,165 388 443 4,884 18,337 10,674 7,662 5,543 6,822 7,787 7,014 21,947 11,508 197 9,676	1,827 86,644 75,105 398 466 5,010 19,026 11,000 8,027 5,563 6,923 7,979 7,273 22,468 11,534 1,534 1,9810	1,927 88,139 76,381 416 446 5,115 19,147 11,147 7,953 5,592 7,183 8,005 7,382 23,094 11,754 19,41	1,852 88,886 77,218 403 5,041 19,360 11,222 8,125 7,128 8,125 7,383 23,669 11,668 1,565 192 9,911	1,841 88,587 77,136 409 426 5,163 18,922 10,885 6,883 7,033 8,030 7,127 24,025 11,452 11,602 194	2,023 90,094 78,539 422 429 5,160 19,403 11,090 8,314 6,003 7,203 8,082 7,363 24,474 11,558 133 9,774	17 18 19 20 21 22 23 24 25 26 27 28 30 31 32 33

		North	Dakota		·			South	Dakota					Sout	heast			
	19	96		19	97		19	96		19	97		19	96		19	97	Line
17	lir.	1117	IV r	r	P		ll r	III r	IV۲	ļ'	P	ļr.	ll'r	r	IV r	Įr.	112	
12,842 12,146 696	13,111 12,374 737	13,347 12,512 835	13,338 12,550 788	13,503 12,700 802	13,695 12,864 831	14,853 13,981 872	15,239 14,241 998	15,505 14,359 1,146	15,617 14,427 1,190	15,780 14,601 1,180	16,035 14,765 1,269	1,384,840 1,373,377 11,463	1,409,188 1,395,969 13,219	1,427,939 1,413,833 14,106	1,443,187 1,429,179 14,008	1,473,278 1,459,077 14,201	1,492,349 1,476,567 15,783	1 2 3
9,078 673 -267 8,139 2,379 2,324 29 2,295	9,333 688 -277 8,368 2,395 2,348 28 2,320	9,524 693 -280 8,550 2,431 2,365 28 2,337	9,473 691 -280 8,502 2,451 2,385 31 2,354	9,565 698 -285 8,582 2,494 2,427 30 2,397	9,716 706 -290 8,720 2,519 2,457 42 2,414	10,441 744 -153 9,544 2,745 2,564 15 2,548	10,797 761 -157 9,879 2,764 2,596 14 2,582	11,008 765 -160 10,083 2,802 2,621 16 2,605	11,074 764 -159 10,150 2,822 2,645 17 2,628	11,135 770 -158 10,207 2,870 2,704 16 2,688	11,351 778 ~160 10,413 2,896 2,726 15 2,712	939,995 64,335 6,154 881,813 250,593 252,434 3,287 249,147	960,492 65,438 5,688 900,742 252,982 255,464 3,188 252,276	973,119 66,176 5,877 912,821 257,681 257,437 3,071 254,367	983,826 66,760 5,927 922,993 260,422 259,772 3,192 256,580	1,003,234 68,308 5,929 940,856 266,010 266,412 3,281 263,131	1,017,168 68,977 5,863 954,055 269,220 269,075 3,351 265,723	4 5 6 7 8 9 10
6,733 697 1,648 598 1,050	6,930 712 1,691 636 1,055	7,022 716 1,785 730 1,055	7,039 711 1,723 679 1,045	7,103 710 1,752 692 1,060	7,204 717 1,794 720 1,075	7,303 879 2,260 778 1,481	7,497 894 2,406 900 1,506	7,566 892 2,550 1,045 1,505	7,589 885 2,600 1,085 1,515	7,639 883 2,612 1,074 1,539	7,741 889 2,721 1,162 1,559	758,080 87,301 94,614 8,712 85,902	775,090 88,112 97,289 10,447 86,843	786,854 88,345 97,921 11,329 86,591	797,106 88,376 98,344 11,246 87,097	814,502 89,101 99,631 11,407 88,224	825,278 89,732 102,158 12,955 89,203	12 13 14 15 16
696 8,383 6,619 71 182 610 670 406 265 803 720 897 470 2,196 337 357 1,070	737 8,596 6,819 72 188 618 6496 424 273 817 738 915 491 2,283 1,777 339 350 1,088	835 8,688 6,902 73 187 705 4322 273 815 7588 922 496 2,299 1,786 339 343 1,105	788 8,685 6,906 75 187 716 437 716 437 941 501 2,320 340 340 340 340	802 8,763 75 77 75 742 459 829 753 945 483 945 483 2,400 11,790 342 337 1,111	831 8,884 7,097 77 189 189 568 766 480 287 765 946 504 2,445 1,787 337 347 337	872 9,569 7,868 136 137 617 1,377 966 410 699 630 1,117 643 2,531 1,701 421 161 11,120	998 9,799 8,071 140 118 648 1,413 987 426 720 11,137 676 2,259 1,728 427 1,528 1,147	1,146 9,862 8,200 141 147 645 1,454 1,018 436 714 663 1,143 684 2,639 1,662 427 148	1,190 9,884 8,204 139 120 1632 1,430 438 706 661 1,149 703 2,663 1,679 421 145 1,113	1,180 9,955 8,245 145 111 111 1027 1,480 454 723 621 1,159 678 2,700 1,710 435 144	1,269 10,082 8,378 151 115 629 1,607 1,009 4458 724 637 1,167 708 2,741 1,704 437 1400	11,463 928,532 767,111 8,415 57,397 165,787 86,651 79,135 68,476 95,524 60,827 246,400 161,421 32,860	13,219 947,273 785,776 6,570 8,621 59,271 168,944 88,944 59,471 97,373 63,526 252,725 161,497 32,476 19,218	14,106 959,013 795,552 6,710 8,568 59,821 169,802 89,594 80,208 70,431 60,073 98,321 64,355 257,472 153,461 19,282 111,767	14,008 969,819 805,367 6,692 8,729 60,815 170,735 89,626 81,110 69,912 61,152 100,209 65,237 261,886 164,452 32,569 19,234 112,650	14,201 989,033 820,548 6,950 8,589 61,465 171,944 90,623 81,321 70,949 102,514 64,889 270,588 168,485 33,531 19,651	15,783 1,001,386 832,164 7,223 8,544 61,729 91,625 81,164 72,428 63,761 103,394 66,977 275,320 169,221 33,431 19,568 116,222	17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

Table 2.—Personal Income by Major Source [Millions of dollars, seasonally

				Alab	ama					Ark	ansas		
Line	item		19	96		19	97		19			19	997
,		17	111	1117	IV'	l ^r	[[<i>P</i>	Įr.	117	Wr	۱۷r	Įr.	P
	Income by Place of Residence												
1 2 3	Personal income (lines 4-11) Nonfarm personal income Farm income (line 17)	84,122 83,333 789	85,655 84,791 863	86,740 85,808 931	87,568 86,605 962	89,017 87,963 1,054	89,877 88,835 1,042	46,329 44,864 1,464	47,567 45,597 1,970	48,005 46,084 1,921	48,436 46,402 2,034	49,006 47,076 1,930	50,124 47,704 2,420
	Derivation of Personal Income	. [ĺ	i I	
4 5 6 7 8 9 10	Earnings by place of work (lines 12-16 or 17-34)	58,198 4,214 663 54,648 12,413 17,061 229 16,832	59,477 4,288 684 55,873 12,497 17,285 232 17,053	60,236 4,334 698 56,601 12,725 17,414 210 17,204	60,810 4,365 702 57,147 12,852 17,568 211 17,357	61,583 4,428 729 57,883 13,125 18,008 222 17,786	62,118 4,456 742 58,405 13,296 18,176 220 17,955	32,214 2,197 -315 29,702 6,855 9,771 208 9,564	33,353 2,235 -325 30,792 6,903 9,871 204 9,667	33,629 2,254 -325 31,051 7,030 9,925 190 9,735	33,915 2,260 -322 31,332 7,101 10,003 195 9,809	34,104 2,291 -315 31,497 7,244 10,265 227 10,038	35,078 2,319 -326 32,433 7,335 10,356 227 10,129
,	Earnings by Place of Work												ļ
12 13 14 15 16	Components of earnings: Wage and salary disbursements Other labor income Proprietors' income 4 Farm proprietors' income Nonfarm proprietors' income	46,759 5,528 5,911 660 5,251	47,817 5,613 6,048 735 5,312	48,488 5,642 6,107 804 5,302	49,028 5,638 6,143 837 5,306	49,666 5,636 6,281 928 5,353	50,142 5,656 6,320 914 5,406	24,465 3,008 4,741 1,258 3,483	25,032 3,052 5,269 1,752 3,517	25,358 3,069 5,202 1,695 3,507	25,546 3,061 5,308 1,804 3,505	25,856 3,051 5,197 1,697 3,500	26,263 3,085 5,731 2,184 3,547
,	Earnings by industry		-							•			
17 18 19 20 21 22 23 24 25 25 27 28 28 29 39 39 39 39 39 39 39 39 39 39 39 39 39	Farm Nonfarm Private Agricultural services, forestry, fishing, and other 5 Mining Construction Manufacturing Durable goods Nondurable goods Transportation and public utilities Wholesale trade Retail trade Finance, insurance, and real estate Services Government and government enterprises Federal, civilian Military State and local	789 57,409 46,463 362 616 3,493 12,867 7,118 5,749 3,295 3,295 3,201 13,118 10,946 2,633 893 7,449	863 58,614 47,693 374 635 3,651 13,273 7,447 5,826 4,014 3,373 3,321 13,397 10,921 2,593 868 7,460	931 59,305 48,271 629 3,747 13,297 7,458 5,839 4,142 3,405 13,601 11,034 2,553 873 7,608	962 59,847 48,885 387 645 3,755 13,400 7,489 4,047 3,463 3,358 14,008 10,963 2,518 7,583	1,054 60,529 49,427 394 625 3,760 13,362 7,513 5,849 4,061 3,506 14,394 11,102 2,571 863 7,668	1,042 61,077 49,934 411 621 3,784 13,352 7,663 5,689 4,131 3,545 5,943 3,513 11,143 2,566 856 856 7,722	1,464 30,750 25,829 253 160 1,849 7,494 4,131 3,362 2,725 1,641 1,641 1,462 6,757 4,921 4,921 885 285 3,750	1,970 31,383 26,422 263 164 1,934 7,599 4,256 3,343 2,755 1,563 6,923 4,960 886 283 3,792	1,921 31,708 26,630 1602 1,969 7,611 4,281 3,331 2,780 1,689 3,558 1,590 7,011 5,077 887 283 3,908	2,034 31,880 26,763 262 161 1,982 7,595 4,250 3,345 2,793 1,693 3,633 1,602 7,042 5,118 899 282 282 3,937	1,930 32,174 27,032 273 160 1,846 7,641 4,245 3,397 2,788 1,712 3,810 1,598 7,203 5,142 936 290 3,917	2,420 32,659 27,495 161 1,894 7,803 3,412 2,835 1,756 3,835 1,756 3,835 1,756 927 291 3,945

				Louis	iana					Mis	sissippi		
Line	Item		19	96		19	97		19	96		1	997
		lr.	11"	mr.	lV "	Įr.	P	ļr.	117	1117	IV*	r	P
	Income by Place of Residence 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 Farm income (line 17)	83,375 542	84,617 656	85,377 734	86,257 635	87,836 635	88,471 687	46,004 718	46,775 852	47,274 913	47,516 886	48,353 905	48,811 985
	Derivation of Personal Income												
4 5 6 7 8 9 10 11	Earnings by place of work (lines 12-16 or 17-34) Less: Personal contributions for social insurance ¹ Plus: Adjustment for residence ² Equals: Net earnings by place of residence Plus: Dividends, interest, and ren¹ 3 Plus: Transfer payments State unemployment insurance benefits Transfers excluding State unemployment insurance benefits	56,918 3,682 -142 53,094 12,666 18,157 142 18,015	58,100 3,747 -147 54,206 12,732 18,335 134 18,201	58,654 3,778 -146 54,730 12,925 18,455 139 18,317	59,228 3,816 -150 55,263 13,026 18,603 146 18,456	60,130 3,885 -148 56,097 13,279 19,095 157 18,938	60,498 3,893 -143 56,462 13,434 19,264 135 19,128	31,416 2,341 1,023 30,098 6,034 10,589 140 10,449	32,101 2,379 1,045 30,767 6,079 10,781 140 10,642	32,416 2,399 1,064 31,081 6,191 10,915 134 10,782	32,405 2,395 1,087 31,097 6,253 11,052 146 10,906	32,898 2,440 1,111 31,570 6,375 11,313 132 11,181	33,250 2,453 1,128 31,925 6,453 11,418 128 11,290
	Earnings by Place of Work								:		Į l		
12 13 14 15 16	Components of earnings: Wage and salary disbursements Other labor income Proprietors' income 4 Farm proprietors' income Nonfarm proprietors' income	45,040 5,204 6,673 403 6,270	46,002 5,253 6,845 510 6,335	46,489 5,256 6,909 582 6,327	47,109 5,258 6,861 481 6,380	47,899 5,287 6,944 479 6,465	48,152 5,281 7,065 530 6,536	24,613 2,977 3,826 562 3,264	25,129 3,003 3,970 688 3,282	25,416 2,996 4,004 742 3,262	25,464 2,960 3,981 712 3,269	25,904 2,967 4,026 729 3,298	26,136 2,975 4,139 807 3,333
	Earnings by Industry											l	
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	Farm Nonfarm Private Agricultural services, forestry, fishing, and other 5 Mining Construction Manufacturing Durable goods Nondurable goods Transportation and public utilities Wholesale trade Retail trade Finance, insurance, and real estate Services Government and government enterprises Federal, civilian Military State and local	542 56,376 46,492 2,662 4,077 8,090 3,131 4,960 4,466 3,134 1,505 9,884 1,505 9,884 7,556	656 57,443 47,530 2,755 4,246 8,195 3,291 4,905 4,475 3,080 15,787 9,913 1,514 7,960 7,603	734 57,921 47,967 318 2,730 4,223 8,263 3,344 4,920 4,591 3,113 16,021 9,954 1,530 791 7,632	635 58,593 48,506 329 2,736 4,231 8,266 3,318 4,948 4,535 3,180 16,336 10,087 1,546 7,752	635 59,495 49,194 330 2,980 4,234 8,309 3,363 4,946 4,624 3,320 16,671 10,300 1,613 7,935 7,893	687 59,810 49,477 342 2,850 4,275 8,307 3,425 4,882 4,727 3,351 16,756 10,333 1,594 7,945	718 30,699 24,582 214 235 1,868 7,056 4,341 2,715 2,159 1,455 3,143 7,038 6,117 1,110 692 4,315	852 31,249 25,132 230 247 1,893 7,205 4,461 2,743 2,199 3,206 1,464 7,200 6,117 1,091 1,091 1,091 4,364	913 31,502 25,345 231 251 1,886 7,196 4,474 2,722 2,213 1,515 3,223 1,461 7,369 6,157 1,082 6,157 1,082 4,405	886 31,519 25,365 231 247 1,894 7,087 4,364 2,203 1,508 3,291 1,474 7,430 6,154 1,083 6,154 4,065	905 31,993 25,736 265 260 1,863 7,112 4,392 2,719 2,215 1,528 3,348 1,436 7,710 6,257 1,128 4,431	985 32,265 25,934 275 271 1,881 7,073 4,342 2,732 2,236 1,567 3,330 1,482 7,818 6,332 1,120 689 4,523

See footnotes at end of table.

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

	Florida						Geo	gia					Kent	ucky			_
1996			199	7		19	96		199	97		199	96		19	97	ļ
ll r	Mr	۱۷r	lr.	P	ļr	ll r	IIIr	IV r	l'	ll <i>P</i>	ļr	117	1117	۱۷r	Įr	P	L
346,800 ,533 ,625 345,003 1,797	351,320 349,488 1,832	355,118 353,278 1,840	362,659 360,805 1,854	368,286 366,165 2,121	164,063 162,411 1,652	168,023 166,140 1,882	170,891 168,819 2,073	172,857 170,657 2,200	176,972 174,833 2,138	179,521 177,269 2,252	75,075 74,152 922	76,525 75,486 1,039	77,707 76,350 1,357	78,235 77,212 1,022	79,910 78,816 1,093	80,940 79,675 1,265	
,076 206,907 1,964 14,085 507 1,610 1,72 88,311 3,376 65,160 701 683 64,477	209,327 14,224 517 195,620 90,011 65,689 679 65,010	211,587 14,337 524 197,773 91,058 66,286 707 65,579	215,796 14,684 539 201,652 92,963 68,045 759 67,286	219,950 14,919 534 205,566 93,970 68,750 788 67,962	121,865 7,926 -170 113,769 25,867 24,426 284 24,142	125,459 8,129 -194 117,136 26,186 24,701 277 24,424	127,661 8,258 -206 119,197 26,809 24,885 280 24,605	129,084 8,319 -205 120,560 27,179 25,118 307 24,811	132,154 8,555 -225 123,374 27,823 25,775 302 25,472	134,153 8,654 -230 125,269 28,213 26,039 306 25,734	52,235 3,700 -315 48,221 11,805 15,049 246 14,803	53,513 3,774 -322 49,417 11,885 15,222 237 14,985	54,423 3,811 -320 50,291 12,083 15,332 222 15,110	54,775 3,852 -352 50,570 12,194 15,470 234 15,236	55,956 3,944 -370 51,641 12,443 15,826 236 15,589	56,713 3,978 -367 52,369 12,594 15,977 248 15,729	
1,197 168,762 1,285 19,206 1,595 18,938 740 919 18,019	171,304 19,123 18,900 965 17,935	173,518 19,064 19,005 988 18,017	177,439 19,226 19,131 992 18,138	180,891 19,467 19,592 1,249 18,343	98,286 11,013 12,567 1,426 11,141	101,312 11,201 12,945 1,658 11,287	103,310 11,276 13,075 1,851 11,224	104,489 11,271 13,324 1,982 11,343	107,290 11,417 13,446 1,918 11,529	108,905 11,522 13,725 2,028 11,697	41,635 5,207 5,393 727 4,666	42,684 5,277 5,553 843 4,709	43,264 5,284 5,875 1,160 4,714	43,911 5,300 5,563 827 4,736	44,885 5,356 5,715 896 4,819	45,423 5,378 5,912 1,065 4,847	
,625 1,797 ,451 205,109 ,752 173,338 ,116 2,204 ,355 358 ,465 12,593 ,682 19,016 ,836 12,027 ,796 6,999 ,796 14,027 ,460 14,021 ,045 24,287 ,860 18,647 ,977 68,156 ,688 31,771 ,299 5,361 ,971 2,995 ,430 23,445	1,832 207,495 175,026 2,247 377 12,727 18,866 11,906 6,960 14,074 13,880 24,541 18,835 69,489 6,351 69,489 6,351 2,458	1,840 209,747 177,265 2,195 495 12,837 19,023 11,975 7,048 13,895 14,325 24,988 19,071 70,436 32,482 5,334 2,980 24,109	1,854 213,941 179,745 2,271 30,003 11,960 7,043 14,207 14,448 25,505 18,576 72,780 34,197 5,512 3,137 25,548	2,121 217,830 183,327 2,350 350 311,2775 19,063 12,066 6,987 14,479 14,725 25,851 19,206 7,536 3,193 25,772	1,652 120,214 101,496 669 341 7,083 20,303 9,256 11,047 11,856 10,390 11,475 8,539 30,840 18,718 3,983 2,171 12,564	1,882 123,576 104,641 704 3588 7,322 21,037 9,660 11,377 11,937 10,004 11,782 8,876 32,020 18,936 4,008 2,202 12,726	2,073 125,589 106,414 722 351 7,040 21,377 9,790 11,587 12,200 10,790 12,050 9,055 32,830 19,175 4,009 2,224 12,942	2,200 126,884 107,567 723 351 7,199 21,682 9,922 11,760 12,207 9,195 12,317 4,040 2,249 13,028	2,138 130,015 110,387 774 332 7,235 21,889 12,000 12,348 11,2353 9,300 34,625 19,628 4,161 2,310 13,167	2,252 131,901 112,214 811 340 7,254 21,988 10,040 11,948 12,685 12,465 9,674 35,243 19,687 4,147 2,284 13,256	922 51,313 42,536 353 1,345 2,986 11,779 7,145 4,634 3,797 2,752 2,586 11,646 8,777 1,564 1,101 6,112	1,039 52,474 43,568 364 1,357 3,082 12,024 7,279 4,745 3,938 2,798 5,394 2,701 11,893 8,917 1,117 6,225	1,357 53,066 44,091 373 1,345 3,175 12,040 7,346 4,694 4,017 2,869 12,132 8,974 1,541 1,127 6,306	1,022 53,752 44,639 3,391 1,346 3,191 12,223 7,415 4,808 3,988 2,924 5,534 2,703 12,357 9,113 1,578 1,147 6,388	1,093 54,962 45,577 1,302 13,92 12,427 7,673 4,755 4,065 2,948 2,750 12,617 9,285 1,567 1,154 6,564	1,265 55,448 46,132 1,303 3,317 12,434 7,649 4,785 4,150 3,017 5,828 2,835 12,857 9,316 1,538 6,644	

		North C	Carolina					South (Carolina					Tenn	essee			
	199	96		19	97		19	96		19	197		19	96		19	97	Line
Įr.	ll"	W.	Wr	{r	ij₽	r	D*	III r	IV	11	P	r	Hr.	'	IV	ţr	<i>P</i>	
158,014 155,376 2,638	161,859 158,889 2,970	163,920 160,815 3,105	166,616 163,449 3,167	170,636 167,322 3,314	172,915 169,267 3,648	72,080 71,688 392	73,495 73,077 418	74,607 74,165 442	75,377 74,929 447	76,822 76,358 464	77,859 77,390 469	114,441 114,140 301	116,169 115,854 315	117,626 117,311 315	118,806 118,492 314	121,399 121,088 310	122,963 122,617 345	1 2 3
115,823 8,151 -786 106,886 24,592 26,537 421 26,116	119,308 8,352 -822 110,134 24,834 26,890 405 26,485	120,679 8,425 -829 111,424 25,377 27,118 385 26,734	122,959 8,563 -854 113,542 25,690 27,385 391 26,994	125,835 8,787 -875 116,173 26,320 28,143 386 27,756	127,486 8,857 -882 117,747 26,702 28,466 409 28,057	50,387 3,639 689 47,438 10,983 13,659 210 13,449	51,548 3,712 716 48,552 11,056 13,887 204 13,683	52,350 3,766 724 49,308 11,248 14,051 200 13,851	52,862 3,795 743 49,810 11,359 14,208 203 14,005	53,736 3,868 769 50,638 11,623 14,562 196 14,366	54,531 3,916 771 51,386 11,776 14,697 189 14,508	83,927 5,446 -1,035 77,445 16,259 20,737 336 20,401	85,502 5,537 -1,052 78,913 16,353 20,903 332 20,571	86,681 5,614 -1,078 79,990 16,655 20,981 314 20,667	87,604 5,664 -1,087 80,854 16,823 21,130 326 20,804	89,454 5,801 -1,125 82,527 17,190 21,681 337 21,344	90,640 5,856 -1,153 83,630 17,423 21,910 352 21,558	4 5 6 7 8 9 10
93,046 10,499 12,278 2,264 10,014	95,811 10,690 12,806 2,595 10,211	97,007 10,716 12,956 2,730 10,226	98,989 10,811 13,160 2,793 10,367	101,421 10,944 13,471 2,936 10,535	102,582 11,000 13,905 3,265 10,640	41,506 4,804 4,077 292 3,785	42,530 4,876 4,141 319 3,822	43,276 4,918 4,156 344 3,813	43,772 4,918 4,171 351 3,820	44,550 4,935 4,251 366 3,885	45,251 4,984 4,295 370 3,925	65,902 7,958 10,067 168 9,899	67,281 8,033 10,188 181 10,007	68,406 8,087 10,188 181 10,007	69,261 8,088 10,256 180 10,076	70,833 8,171 10,450 175 10,275	71,750 8,240 10,650 208 10,441	12 13 14 15 16
2,638 113,185 94,178 661 174 7,165 28,899 13,900 14,999 7,439 6,954 11,070 2,539 3,015 13,453	2,970 116,338 97,041 696 180 7,567 29,568 14,304 15,264 7,106 11,356 7,274 25,831 12,580 3,087 13,629	3,105 117,574 98,186 711 77,666 29,585 14,352 15,233 7,644 7,196 11,440 11,440 26,286 3,112 13,671	3,167 119,792 100,044 729 185 7,997 29,774 14,469 7,274 11,689 1,7,683 27,076 19,748 2,621 19,748	3,314 122,521 102,252 768 8,156 30,465 15,010 15,465 7,575 12,020 7,743 27,651 20,269 2,704 3,222	3,648 123,838 103,374 801 194 8,117 30,546 15,214 15,331 7,865 7,700 12,043 7,955 28,154 20,465 2,706 3,238	3922 49,996 40,778 309 75 3,412 12,882 5,284 7,597 2,855 2,450 5,525 2,602 10,669 9,218 1,182 1,182 6,880	418 51,130 41,820 314 77 3,575 13,036 5,391 7,645 2,917 2,505 5,640 2,735 11,022 9,310 1,162 1,162 1,162	442 51,909 42,407 78 3,8699 13,130 5,430 7,669 2,997 2,541 5,661 2,780 11,208 9,501 1,101 1,207 7,7133	447 52,414 42,873 331 77 3,738 13,153 5,419 2,976 2,576 2,576 2,574 2,828 11,420 9,542 1,159 1,212	464 53,273 43,649 76 3,876 13,154 5,977 2,737 11,985 1,186 1,208	469 54,062 44,438 341 77 3,923 13,259 5,551 7,709 3,022 2,717 6,067 2,829 12,202 9,624 1,185 1,166	402 266 5,068 19,151 10,842 8,309 6,088 5,367 8,849 4,862 22,212 11,359 2,582 413	315 85,188 73,699 414 275 5,207 19,248 11,041 8,207 6,285 5,464 9,015 5,120 22,672 22,672 22,672 21,488 2,601 397 8,491	315 86,367 74,752 424 275 5,312 19,505 11,274 8,231 6,380 5,571 9,116 5,218 22,953 11,614 2,537 388 8,8630	314 87,290 75,555 418 286 5,420 19,460 11,130 6,331 5,600 9,243 11,735 2,666 23,432 211,735 2,666 8,790	310 89,143 77,243 433 280 5,455 19,479 11,377 8,102 6,618 5,718 9,555 5,306 24,400 21,726 2,726 28,896	345 90,295 78,268 452 283 5,526 19,835 11,618 8,276 6,693 5,768 9,578 24,626 12,026 12,026 12,026 12,026 9,038	17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

Table 2.—Personal Income by Major Source [Millions of dollars, seasonally

				Virg	inia					West	Virginia		
Line	ftem		19	96		19	97		19	96		19	997
		1r	117	III r	IV r	lr .	P	Įr.	117	III r	IV?	17	P
	Income by Place of Residence												
1 2 3	Personal income (lines 4-11)	165,259 164,818 441	167,219 166,747 472	169,444 168,949 494	171,277 170,768 510	175,261 174,751 510	176,702 176,151 551	32,659 32,681 –21	32,976 32,993 -16	33,381 33,391 -10	33,603 33,612 -10	33,867 33,874 -7	34,209 34,211 -2
	Derivation of Personal Income												
4 5 6 7 8 9 10	Earnings by place of work (lines 12-16 or 17-34) Less: Personal contributions for social insurance Flus: Adjustment for residence Equals: Net earnings by place of residence Plus: Dividends, interest, and rent Plus: Transfer payments State unemployment insurance benefits Transfers excluding State unemployment insurance benefits	112,298 7,521 5,895 110,672 30,899 23,688 204 23,483	114,406 7,638 5,427 112,195 31,065 23,959 183 23,776	115,941 7,731 5,607 113,817 31,478 24,148 174 23,974	117,385 7,810 5,652 115,227 31,698 24,353 174 24,179	120,414 8,041 5,606 117,978 32,345 24,938 177 24,761	121,349 8,080 5,560 118,829 32,696 25,177 185 24,992	20,637 1,565 148 19,230 5,046 8,384 168 8,216	20,818 1,563 172 19,428 5,080 8,469 157 8,312	21,121 1,582 171 19,710 5,148 8,524 145 8,379	21,213 1,584 189 19,818 5,190 8,595 151 8,444	21,176 1,584 233 19,825 5,281 8,761 147 8,614	21,401 1,597 229 20,034 5,329 8,846 165 8,681
	Earnings by Place of Work										<u> </u>		}
12 13 14 15 16	Components of earnings: Wage and salary disbursements Other labor income Proprietors' income 4 Farm proprietors' income Nonfarm proprietors' income	94,046 9,823 8,428 259 8,169	95,974 9,915 8,517 289 8,227	97,494 9,971 8,475 312 8,164	98,883 10,017 8,485 328 8,157	101,665 10,163 8,596 326 8,270	102,484 10,186 8,680 365 8,315	16,585 1,994 2,058 -47 2,106	16,756 1,991 2,070 –42 2,113	17,041 2,007 2,073 –36 2,109	17,136 1,991 2,086 -36 2,122	17,105 1,948 2,122 -34 2,156	17,300 1,958 2,144 -28 2,173
	Earnings by Industry										!		1
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	Farm Nonfarm Private Agricultural services, forestry, fishing, and other 5 Mining Construction Manufacturing Durable goods Nondurable goods Transportation and public utilities Wholesale trade Retail trade Finance, insurance, and real estate Services Government and government enterprises Federal, civilian Military State and local	441 111,857 85,964 630 6,682 15,160 7,691 7,470 7,629 6,106 9,813 7,506 31,847 25,892 8,239 5,603 12,050	472 113,934 87,979 635 6,909 15,458 7,916 6,238 10,019 7,899 32,737 25,955 8,264 5,577 12,114	494 115,447 89,303 634 618 7,044 15,520 7,998 7,523 7,696 6,337 10,141 7,901 33,412 26,144 8,242 5,558 12,344	510 116,875 90,699 637 657 7,179 15,742 8,114 7,628 7,754 6,456 10,376 7,914 33,985 26,177 8,257 5,508	510 119,904 93,153 655 625 7,614 15,919 7,953 7,722 6,641 10,571 8,105 35,302 26,751 8,525 5,619 12,607	551 120,798 94,186 681 647 7,561 15,862 7,873 7,989 6,764 10,616 8,361 35,801 26,612 8,441 5,559 12,613	-21 20,658 16,775 72 1,545 1,258 3,423 1,926 1,497 1,683 972 1,969 813 5,038 3,883 839 944 2,950	-16 20,834 16,922 77 1,581 1,293 3,336 1,877 1,458 1,709 999 2,001 845 5,082 3,912 843 933 2,976	-10 21,131 17,158 78 1,573 1,342 3,410 1,941 1,469 1,016 2,017 854 5,169 3,973 854 94	-10 21,223 17,207 77 1,544 1,391 1,890 1,471 1,683 1,027 2,058 863 5,233 4,016 870 93 3,063	-7 21,183 17,153 80 1,431 1,439 3,184 1,770 1,415 1,677 1,059 2,107 837 4,030 902 97 3,031	-2 21,4385 83 1,456 1,422 3,218 1,794 1,425 1,712 1,094 2,136 863 5,401 4,018 952 96 2,970

				Okiai	noma					T	exas		
Line	item		19	96		19	97		19	96		1	997
		۱۲	ll*	lli r	۱۷r	[r	P	r	117	W.	IV r	ļr	11.2
	Income by Place of Residence												
1 2 3	Personal income (lines 4-11)	63,239 62,873 366	64,273 63,916 357	65,003 64,644 359	65,541 65,184 356	66,982 66,620 363	67,304 66,921 383	415,838 413,896 1,943	423,301 421,312 1,988	430,334 428,349 1,984	435,376 433,397 1,979	445,917 443,963 1,954	451,724 449,682 2,042
	Derivation of Personal Income												
4 5 6 7 8 9 10	Earnings by place of work (lines 12-16 or 17-34) Less: Personal contributions for social insurance Plus: Adjustment for residence Equals: Net earnings by place of residence Plus: Dividends, interest, and rent Plus: Dividends, interest, and rent Plus: Transfer payments State unemployment insurance benefits Transfers excluding State unemployment insurance benefits	42,479 3,008 715 40,186 10,157 12,896 127 12,769	43,251 3,056 731 40,927 10,330 13,016 106 12,910	43,615 3,078 742 41,279 10,613 13,111 108 13,003	43,856 3,088 750 41,519 10,801 13,222 117 13,105	44,873 3,174 761 42,460 10,996 13,526 112 13,414	44,925 3,166 777 42,536 11,121 13,646 110 13,536	310,744 19,564 -813 290,367 62,691 62,780 1,042 61,739	316,987 19,912 -833 296,242 63,491 63,568 1,009 62,558	322,488 20,278 -865 301,345 64,901 64,088 987 63,101	326,378 20,475 -881 305,021 65,701 64,653 967 63,686	334,289 21,081 -919 312,288 67,089 66,540 1,087 65,453	338,796 21,300 -938 316,557 67,935 67,232 1,080 66,152
	Earnings by Place of Work						ļ						
12 13 14 15 16	Components of earnings: Wage and salary disbursements Other labor income Proprietors' income 4 Farm proprietors' income Nonfarm proprietors' income	32,645 3,953 5,881 210 5,671	33,359 3,992 5,900 207 5,693	33,759 3,988 5,868 214 5,654	34,020 3,966 5,871 215 5,656	34,916 4,040 5,916 219 5,697	34,946 3,999 5,980 238 5,742	235,129 25,444 50,172 1,156 49,016	240,332 25,660 50,995 1,231 49,764	245,501 25,910 51,077 1,253 49,824	248,797 25,936 51,644 1,265 50,379	255,766 26,367 52,156 1,232 50,924	259,305 26,549 52,942 1,312 51,630
	Earnings by Industry												
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	Farm Nonfarm Private Agricultural services, forestry, fishing, and other 5 Mining Construction Manufacturing Durable goods Nondurable goods Transportation and public utilities Wholesale trade Retail trade Finance, insurance, and real estate Services Government and government enterprises Federal, civilian Military State and local	366 42,113 33,754 2,087 2,160 6,726 4,303 2,423 3,612 2,157 2,243 10,246 10,246 10,249 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,245 10,25 10,25 10,25 10,25 10,25 10,25 10,25 10,25 10,25 10,25 10,25 10,	357 42,894 34,510 2,132 2,136 7,026 4,588 2,438 2,438 2,220 4,347 2,282 10,483 10,483 1,944 995 5,445	359 43,256 34,730 1,990 2,122 2,122 2,143 4,651 2,492 2,224 4,404 2,330 10,692 1,949 5,585	356 43,500 34,984 2,039 2,146 7,109 4,583 2,526 3,530 2,252 4,478 2,320 10,864 8,517 1,982 974	363 44,510 35,892 2,092 2,159 7,416 4,781 2,635 3,739 2,267 4,534 2,301 11,125 8,612 967 5,608	383 44,542 269 2,136 2,156 7,156 4,443 2,713 3,628 2,303 4,539 2,374 11,280 2,059 964 5,678	1,943 308,802 263,010 1,826 13,104 52,297 28,281 24,016 27,309 20,512 28,752 20,977 79,038 45,792 8,061 4,091 33,640	1,988 314,999 268,596 1,863 13,204 19,776 52,500 28,216 24,284 27,842 21,018 29,362 21,966 81,065 46,403 8,101 4,109 34,193	1,984 320,504 1,884 13,238 19,971 53,488 28,979 24,509 28,065 21,405 29,644 22,052 83,707 47,050 8,108 4,098	1,979 324,399 277,302 1,901 13,333 20,344 53,880 29,224 24,656 28,128 21,823 30,284 22,024 85,585 47,097 8,096 4,100 34,902	1,954 332,334 284,514 1,927 14,186 19,867 54,443 29,492 24,951 29,678 22,440 30,742 22,313 88,918 47,820 8,404 4,196 35,219	2,042 336,753 288,677 2,003 14,533 20,331 55,667 30,451 25,216 28,819 22,795 31,041 22,990 90,498 48,076 8,410 4,190 35,476

See footnotes at end of table.

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

adjusted at annual rates]

		South	west					Ariz	ona					New I	Mexico			
	199	96		19	97		19	96		19	97		19	96	_	19	97	Line
1r	ll?	III r	IV <i>r</i>	r	P	ļr.	117	III	IV r	l'	P	lr.	ll'r	III.	IV۳	17	11.2	<u> </u>
603,099 599,858 3,241	613,576 610,204 3,372	623,327 619,858 3,468	630,151 626,743 3,409	645,319 641,886 3,433	653,841 650,142 3,699	92,200 91,583 617	93,851 93,172 678	95,623 94,873 750	96,709 96,005 704	99,120 98,393 727	101,217 100,384 833	31,823 31,507 316	32,152 31,804 348	32,367 31,992 375	32,526 32,156 369	33,300 32,911 389	33,596 33,155 440	1 2 3
438,507 28,610 215 410,112 94,927 98,060 1,416 96,644	446,939 29,077 223 418,086 96,183 99,307 1,364 97,942	454,102 29,542 213 424,773 98,404 100,150 1,338 98,812	458,976 29,789 216 429,404 99,690 101,058 1,329 99,729	470,055 30,652 193 439,596 101,849 103,873 1,446 102,427	476,520 30,970 197 445,747 103,170 104,925 1,430 103,495	63,392 4,436 239 59,195 16,945 16,060 170 15,890	64,625 4,496 246 60,376 17,185 16,290 174 16,116	65,881 4,569 249 61,560 17,623 16,439 168 16,271	66,599 4,606 256 62,249 17,868 16,592 164 16,429	68,235 4,735 258 63,758 18,328 17,034 166 16,868	69,981 4,839 258 65,400 18,613 17,204 162 17,042	21,892 1,601 74 20,365 5,134 6,324 77 6,247	22,076 1,613 79 20,541 5,178 6,432 75 6,357	22,118 1,616 87 20,589 5,267 6,511 75 6,436	22,143 1,619 91 20,615 5,320 6,591 81 6,510	22,659 1,662 93 21,090 5,436 6,773 81 6,692	22,819 1,665 99 21,253 5,500 6,842 78 6,764	4 5 6 7 8 9 10
336,629 36,931 64,947 1,920 63,027	343,774 37,195 65,970 2,085 63,885	350,542 37,465 66,095 2,213 63,882	354,878 37,440 66,658 2,171 64,486	364,625 38,060 67,370 2,181 65,189	369,699 38,315 68,506 2,431 66,075	51,305 5,576 6,510 380 6,130	52,370 5,593 6,663 441 6,222	53,512 5,635 6,734 512 6,222	54,223 5,625 6,752 464 6,288	55,657 5,708 6,870 485 6,385	57,068 5,828 7,085 588 6,497	17,550 1,958 2,384 175 2,209	17,713 1,950 2,412 207 2,206	17,770 1,933 2,416 234 2,182	17,840 1,913 2,391 227 2,164	18,286 1,945 2,428 244 2,183	18,380 1,939 2,499 294 2,205	12 13 14 15 16
3,241 435,266 365,392 2,805 16,947 27,650 69,425 40,807 28,618 35,948 27,392 42,432 29,682 113,111 69,874 13,222 6,432 50,219	3,372 443,568 373,168 2,874 16,897 28,190 70,216 41,228 28,987 35,960 43,357 30,971 115,977 70,400 13,245 6,459 50,696	3,468 450,634 450,634 2,910 16,731 26,394 71,382 42,066 29,316 36,960 21,702 31,190 119,329 71,389 13,222 6,427 51,740	3,409 455,567 384,168 2,926 16,831 28,909 71,725 42,217 29,508 36,896 29,198 44,697 31,178 121,809 71,399 13,249 6,407 51,744	3,433 466,622 393,954 2,967 17,695 28,359 73,026 43,226 29,842 38,855 29,943 45,378 31,382 126,308 72,669 13,712 6,630 52,427	3,899 472,821 399,563 3,086 18,115 28,973 74,005 44,100 30,205 37,926 45,779 32,975 128,550 73,258 6,605 53,045	617 62,775 52,635 583 1,014 4,677 8,684 6,982 1,702 3,731 3,833 6,985 5,367 17,771 10,140 1,985 7,456	678 63,947 53,908 611 8011 4,680 8,942 7,174 1,768 3,812 3,963 7,194 5,600 10,039 1,857 7,983	750 65,131 54,915 626 7288 4,751 9,029 7,213 1,815 3,997 4,124 1,815 1,815 3,927 4,124 1,188 5,674 1,879 10,216 1,759 7,562	704 65,895 55,693 701 4,895 9,040 7,225 1,815 3,933 4,210 7,433 5,717 19,138 10,202 1,858 7,848	727 67,508 56,955 619 651 4,843 9,354 7,573 1,781 4,056 4,290 5,667 19,925 10,552 1,909 826 7,817	833 69,148 58,386 647 668 5,003 9,676 7,866 1,809 4,138 4,396 20,380 10,761 1,910 822 8,030	316 21,577 15,993 152 742 1,619 1,718 1,295 476 1,995 890 2,416 1,105 6,056 6,584 1,362 3,675	348 21,728 16,153 761 1,587 1,748 1,250 8,99 2,455 1,123 6,123 5,575 1,344 556 3,675	375 21,743 16,145 150 775 1,549 1,722 1,222 1,222 2,486 1,133 6,131 5,598 1,310 5,598 3,750	369 21,773 16,190 155 757 1,523 1,697 1,186 511 1,305 913 2,503 1,116 6,222 6,584 1,316 5,534 3,735	389 22,270 16,592 161 766 1,490 1,854 1,392 946 2,553 1,100 6,339 6,678 1,355 539 3,783	440 22,378 16,658 168 779 1,483 1,805 1,392 9599 2,584 1,124 6,413 5,720 1,329 530 3,861	17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

		Rocky N	lountain					Cold	orado					lda	aho			
	199	96		19	97		19	96		19	97		19	96		19	97	Line
l ^r	ll r	Hr	IVr	ļ, ļ,	P	ļr.	ll*	W.	IV r	ir.	P	17	ll'r	lli'r	۱۷r	Įr.	P	
183,459 181,707 1,753	187,084 185,184 1,900	190,154 188,195 1,959	192,566 190,582 1,984	196,424 194,514 1,910	198,677 196,609 2,068	95,749 95,148 601	97,514 96,880 634	99,191 98,520 671	100,578 99,909 668	102,492 101,839 653	103,657 102,938 719	23,112 22,416 696	23,581 22,796 784	23,795 22,999 796	23,877 23,084 794	24,354 23,620 734	24,732 23,944 788	1 2 3
132,542 8,859 249 123,932 32,899 26,628 465 26,163	135,748 9,046 256 126,956 33,271 26,857 467 26,390	138,151 9,206 259 129,205 33,982 26,967 442 26,525	140,050 9,314 267 131,003 34,390 27,173 471 26,702	142,605 9,514 276 133,367 35,209 27,848 483 27,365	144,189 9,581 283 134,891 35,692 28,093 466 27,627	69,743 4,490 66 65,319 17,777 12,652 185 12,468	71,297 4,579 65 66,783 18,015 12,716 190 12,526	72,630 4,666 63 68,027 18,439 12,725 179 12,546	73,792 4,737 61 69,117 18,679 12,782 177 12,605	75,005 4,828 65 70,242 19,132 13,117 187 12,930	75,819 4,859 66 71,026 19,403 13,227 169 13,059	16,372 1,134 206 15,444 3,999 3,668 112 3,556	16,765 1,155 215 15,826 4,028 3,727 110 3,617	16,875 1,164 225 15,936 4,102 3,757 98 3,659	16,843 1,161 235 15,917 4,144 3,817 118 3,699	114	17,439 1,202 248 16,484 4,298 3,950 115 3,835	5 6 7 8 9
103,942 11,329 17,271 896 16,374	106,696 11,482 17,570 1,043 16,527	109,009 11,593 17,549 1,100 16,449	110,780 11,625 17,645 1,119 16,526	113,045 11,730 17,830 1,035 16,795	114,210 11,776 18,203 1,182 17,021	55,189 5,772 8,782 342 8,440	56,580 5,844 8,873 373 8,500	57,868 5,913 8,849 410 8,440	58,989 5,949 8,854 405 8,449	60,034 5,991 8,980 386 8,594	60,627 6,016 9,176 449 8,727	12,066 1,364 2,941 396 2,546	12,319 1,383 3,064 484 2,579	12,433 1,377 3,065 495 2,570	12,438 1,362 3,043 491 2,552	12,741 1,381 3,027 428 2,600	12,901 1,390 3,148 478 2,671	14
1,753 130,790 108,435 930 3,243 10,010 16,968 11,560 5,408 11,643 7,451 13,631 19,075 35,484 22,354 5,131 1,857 1,857	1,900 133,848 111,232 961 3,233 10,295 17,488 11,954 5,534 11,759 7,627 14,100 9,487 36,282 22,616 5,129 1,857 15,631	1,959 136,193 113,414 996 3,175 10,455 17,688 12,060 5,628 11,999 7,889 14,275 9,821 37,378 5,058 1,256 15,894	1,984 138,066 115,070 994 3,156 10,653 17,559 11,936 8,051 14,545 9,877 38,299 5,041 1,813	1,910 140,695 117,422 1,012 3,340 10,909 17,902 12,270 8,073 14,835 9,659 39,422 23,273 5,221 16,218	2,068 142,121 118,783 1,056 3,227 10,891 18,109 12,393 5,715 12,408 8,162 15,001 9,928 39,999 23,338 5,175 1,815 16,347	601 69,141 58,160 1,363 4,992 8,390 5,655 2,735 6,876 4,109 19,862 19,862 11,283 7,366	634 70,664 59,611 466 1,322 5,181 8,611 5,836 2,775 6,857 4,204 7,003 5,567 20,339 11,052 2,481 1,131	671 71,959 60,810 475 1,274 5,226 8,780 5,928 6,969 4,347 7,161 11,150 2,455 1,104	668 73,124 61,825 1,250 5,271 8,741 5,924 2,817 6,945 4,459 7,279 5,878 21,529 2,444 1,038 7,687	653 74,353 62,963 496 1,408 8,934 6,103 2,830 7,042 4,539 7,453 5,680 22,015 11,390 2,521 1,1708	719 75,100 63,703 521 1,276 5,444 9,137 6,316 2,820 7,543 5,837 22,249 11,398 2,491 11,7823	696 15,676 13,018 218 165 1,422 2,997 2,091 906 1,076 881 1,726 881 2,659 2,659 1,979	784 15,981 13,244 220 170 1,462 3,073 2,160 913 1,089 844 1,762 874 3,701 519 160 2,737 519	796 16,079 13,370 229 169 1,479 2,987 2,987 1,100 921 1,100 921 1,782 861 3,835 2,709 5166 1688 2,026	794 16,049 13,292 231 1777 1,441 2,904 1,999 906 1,090 936 1,804 836 3,874 2,757 518	13,611 234 169 1,450 3,081 2,132 949 949 1,117 936 1,839 802 3,982 2,806 542	7688 16,652 13,853 243 170 1,539 3,077 2,138 940 1,1,137 822 4,049 2,814 537 182 2,095	19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

Table 2.—Personal income by Major Source [Millions of dollars, seasonally

				Mon	tana					Ţ	Jtah		
Line	Item		19	96		19	97		19	96		19	997
		r	"	107	۱۷r	ļr	P	l ^r	117	III r	IV r	Įr.	P
	income by Place of Residence												
1 2 3	Personal income (lines 4-11)	16,566 16,334 232	16,788 16,548 240	17,017 16,773 244	17,213 16,947 267	17,292 17,023 269	17,533 17,241 292	37,856 37,685 171	38,848 38,670 178	39,697 39,508 189	40,397 40,210 187	41,505 41,321 184	41,915 41,718 197
	Derivation of Personal Income												- 1
4 5 6 7 8 9 10	Earnings by place of work (lines 12-16 or 17-34) Less: Personal contributions for social insurance 1 Plus: Adjustment for residence 2 Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 3 Plus: Transfer payments State unemployment insurance benefits Transfers excluding State unemployment insurance benefits	10,570 848 -9 9,713 3,511 3,342 64 3,278	10,754 859 -9 9,885 3,541 3,363 64 3,298	10,929 873 -10 10,046 3,596 3,374 65 3,310	11,074 878 -10 10,186 3,631 3,397 70 3,327	10,999 874 -9 10,116 3,706 3,470 72 3,399	11,184 885 -9 10,290 3,746 3,497 70 3,427	29,100 1,916 3 27,187 5,319 5,349 72 5,277	30,016 1,971 1 28,046 5,392 5,409 70 5,340	30,737 2,017 -1 28,719 5,528 5,450 68 5,382	31,348 2,053 -2 29,293 5,606 5,498 72 5,426	32,248 2,118 -3 30,126 5,744 5,635 79 5,556	32,534 2,133 -2 30,399 5,828 5,687 81 5,607
	Earnings by Place of Work												
12 13 14 15 16	Components of earnings: Wage and salary disbursements Other labor income Proprietors' income 4 Farm proprietors' income Nonfarm proprietors' income	7,920 930 1,720 95 1,625	8,071 933 1,750 103 1,647	8,234 939 1,756 107 1,650	8,323 937 1,815 129 1,686	8,274 920 1,805 130 1,676	8,401 928 1,855 151 1,704	23,498 2,709 2,893 82 2,811	24,324 2,757 2,935 88 2,846	25,002 2,796 2,940 100 2,840	25,554 2,814 2,980 97 2,883	26,328 2,858 3,062 93 2,969	26,606 2,866 3,062 104 2,957
	Earnings by industry											j	
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	Farm Nonfarm Private Agricultural services, forestry, fishing, and other s Mining Construction Manufacturing Durable goods Nondurable goods Transportation and public utilities Wholesale trade Retail trade Retail trade Government and government enterprises Federal, civilian Military State and local	232 10,338 8,189 100 287 770 801 505 5296 912 535 1,327 580 2,855 2,150 524 172	240 10,514 8,351 101 282 792 841 535 305 911 2,906 2,163 536 1,67 1,460	244 10,686 8,496 104 302 796 853 545 308 915 1,369 608 2,968 2,189 160 1,505	267 10,808 8,590 104 287 876 839 534 530 910 616 2,996 2,217 524 1,540	269 10,730 8,567 106 285 784 828 520 309 964 570 1,381 583 3,068 2,163 152 1,462	292 10,892 8,732 110 283 815 844 531 313 959 579 1,397 606 3,139 2,161 543 151 1,466	171 28,929 23,965 113 412 2,312 4,397 3,157 1,240 2,158 1,678 3,037 2,066 7,792 4,964 1,300 263 3,401	178 29,838 24,778 430 2,337 4,569 3,262 1,307 2,223 1,726 3,274 2,133 2,138 7,968 5,060 1,299 2,61 3,501	189 30,548 25,439 122 412 2,379 4,673 3,356 1,317 2,327 1,772 3,248 8,337 5,109 1,276 2,579 3,574	187 31,161 25,983 127 417 2,504 4,684 3,350 1,334 2,331 1,825 3,355 2,232 8,508 5,178 1,273 3,645	184 32,064 26,770 119 416 2,748 4,666 3,302 2,366 1,782 2,366 1,782 2,246 9,001 5,294 1,315 266 3,772	197 32,337 27,000 126 421 2,538 4,668 3,254 1,407 2,444 1,813 3,485 2,318 9,194 6,337 1,309 263 3,765

				Califo	ornia	•				H	awaii		
Line	Item		19	96		19	97		19	96		1	997
		r	ll*	W.	۱۷r	Įr.	P	[r	11'	111.	۱۷°	l ^r	P
	Income by Place of Residence											·	
1 2 3	Personal income (lines 4-11)	790,291 783,583 6,708	803,573 796,296 7,276	812,716 804,963 7,753	825,321 817,380 7,941	839,867 832,138 7,729	851,850 843,382 8,468	29,902 29,718 183	30,067 29,884 183	30,150 29,966 183	30,169 29,984 185	30,549 30,362 187	30,694 30,505 189
	Derivation of Personal Income												
4 5 6 7 8 9 10	Earnings by place of work (lines 12-16 or 17-34) Less: Personal contribution for social insurance 1 Plus: Adjustment for residence 2 Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 3 Plus: Transfer payments State unemployment insurance benefits Transfers excluding State unemployment insurance benefits	556,568 38,048 -709 517,811 148,811 123,669 3,106 120,564	567,684 38,619 -729 528,335 150,051 125,186 2,959 122,227	573,291 38,892 -723 533,676 152,873 126,167 2,770 123,398	583,771 39,506 -753 543,512 154,353 127,456 2,939 124,517	593,402 40,288 -763 552,351 157,259 130,256 2,903 127,353	603,120 40,816 -777 561,527 159,046 131,277 2,801 128,476	21,102 1,360 0 19,742 5,298 4,862 185 4,677	21,276 1,368 0 19,908 5,287 4,872 176 4,696	21,309 1,370 0 19,938 5,339 4,872 171 4,701	21,285 1,366 0 19,919 5,361 4,889 168 4,721	21,465 1,382 0 20,083 5,464 5,002 163 4,839	21,496 1,380 0 20,116 5,525 5,052 167 4,886
	Earnings by Place of Work												l l
12 13 14 15 16	Components of earnings: Wage and salary disbursements Other labor income Proprietors' income 4 Farm proprietors' income Nonfarm proprietors' income	429,079 47,777 79,712 2,933 76,779	438,181 48,226 81,277 3,404 77,873	443,302 48,161 81,828 3,780 78,048	452,369 48,645 82,757 3,857 78,899	460,622 48,996 83,784 3,598 80,186	468,236 49,540 85,344 4,288 81,055	16,814 1,815 2,472 1 2,471	16,978 1,814 2,484 2 2,483	17,051 1,802 2,456 2 2,454	17,052 1,783 2,450 2 2,448	17,227 1,776 2,462 2 2,460	17,263 1,767 2,466 2 2,465
	Earnings by Industry												
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	Farm Nonfarm Private Agricultural services, forestry, fishing, and other 5 Mining Construction Manufacturing Durable goods Nondurable goods Transportation and public utilities Wholesale trade Retail trade Finance, insurance, and real estate Services Government and government enterprises Federal, civilian Military State and local	6,708 549,861 466,921 6,003 2,125 27,700 86,649 59,845 26,803 34,513 34,513 34,513 34,530 180,468 180,468 13,060 6,267 63,612	7,276 560,407 476,056 6,145 2,082 27,928 88,831 61,229 27,602 35,272 35,271 35,413 51,422 45,762 183,413 6,192 65,127	7,753 565,538 479,722 6,069 2,034 28,010 88,603 60,838 27,765 35,494 35,239 51,523 45,751 186,999 85,816 12,901 6,115 66,800	7,941 575,830 489,138 6,071 2,013 28,533 91,297 63,097 28,199 35,563 36,043 52,725 46,197 190,696 86,692 12,879 6,056 6,757	7,729 585,673 497,710 6,350 2,143 29,955 92,497 64,324 28,173 35,932 36,493 53,371 47,175 193,794 87,963 13,101 6,098 68,764	8,468 594,652 505,986 6,543 2,158 30,264 93,971 65,459 28,512 36,714 37,161 53,910 48,362 196,902 88,666 13,121 5,984 69,561	183 20,918 15,644 143 20 1,501 788 215 573 1,724 785 2,624 1,720 6,339 5,274 1,216 1,585 2,474	183 21,093 15,775 146 19 1,471 792 202 591 1,754 791 1,782 6,403 6,403 1,583 1,221 1,583 2,514	183 21,125 15,792 143 19 1,462 791 204 587 1,747 796 2,608 1,768 6,460 5,333 1,224 1,585 2,523	185 21,100 15,757 137 137 1,404 800 201 598 1,757 792 2,633 1,759 6,459 5,343 1,223 1,582 2,538	187 21,278 15,856 145 145 145 145 145 149 149 149 149 1583 1,794 770 2,651 1,689 6,604 5,422 1,253 1,639 2,531	189 21,307 15,863 148 16 16 1,348 743 194 549 1,813 780 2,645 1,714 6,655 5,445 1,260 1,633 1,633 2,552

P Preliminary, Revised.

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

^{2.} The adjustment for residence is the net inflow of the earnings of interarea commuters. For the United States, it consists of adjustments for border workers and for certain temporary and migratory workers: Wage and salary disbursements to U.S. residents commuting or working temporarily outside U.S. borders less wage and salary disbursements to foreign residents commuting or working temporarily inside U.S borders.
3. Includes the capital consumption adjustment for rental income of persons.

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

		Wyo	ming					Far	West					Ala	ska			
	19	96		19	97		19	996		19	97		19	96		19	97	Line
17	1) *	lli r	IV۰	l ^r	i)P	1	117	1117	IV?	lr.	112	l ^r	117	Mr	IV r	ļr.	P	<u></u>
10,177 10,124 52	10,354 10,289 64	10,453 10,394 59	10,501 10,433 68	10,781 10,711 71	10,841 10,768 73	1,082,884 1,073,678 9,205	1,101,474 1,091,523 9,951	1,115,412 1,104,822 10,590	1,131,570 1,120,756 10,814	1,153,389 1,142,865 10,524	1,169,511 1,158,054 11,457	14,731 14,722 8	14,789 14,780 9	14,826 14,817 9	14,894 14,885 9	15,047 15,038 9	15,257 15,248 10	1 2 3
6,758 472 -17 6,268 2,292 1,616 32 1,585	6,916 482 -18 6,416 2,295 1,643 33 1,610	6,979 486 -18 6,476 2,318 1,660 32 1,628	6,992 485 -17 6,491 2,331 1,679 34 1,645	7,203 503 -21 6,679 2,387 1,715 31 1,684	7,213 501 -19 6,692 2,417 1,731 32 1,700	764,309 52,308 -1,975 710,026 202,447 170,411 4,871 165,540	780,104 53,160 -2,032 724,912 204,230 172,332 4,665 167,667	789,422 53,678 -2,057 733,687 208,195 173,530 4,397 169,133	802,661 54,446 -2,111 746,104 210,319 175,148 4,554 170,593	817,527 55,656 -2,156 759,715 214,517 179,156 4,601 174,555	830,369 56,339 -2,198 771,832 217,085 180,594 4,471 176,123	11,611 781 -760 10,069 2,008 2,653 105 2,548	11,597 781 -758 10,058 2,031 2,700 105 2,595	11,567 782 -756 10,029 2,080 2,717 88 2,629	11,568 782 -757 10,030 2,116 2,749 90 2,659	11,603 786 -757 10,061 2,167 2,820 103 2,717	11,768 794 -770 10,204 2,195 2,858 118 2,740	4 5 6 7 8 9 10
5,269 554 934 -18 952	5,403 565 948 -6 954	5,472 568 939 -11 950	5,476 564 952 -3 955	5,668 579 956 -1 957	5,675 576 962 0 961	593,734 65,058 105,516 3,999 101,518	606,923 65,699 107,483 4,615 102,868	615,490 65,768 108,164 5,119 103,045	627,063 66,291 109,306 5,195 104,111	639,982 66,903 110,641 4,840 105,802	650,063 67,562 112,744 5,705 107,039	9,278 1,024 1,308 4 1,304	9,264 1,012 1,321 5 1,317	9,250 1,000 1,316 5 1,311	9,259 993 1,317 5 1,312	9,292 983 1,328 5 1,323	9,424 996 1,348 6 1,342	12 13 14 15 16
52 6,705 5,104 53 1,016 513 384 153 230 621 229 700 305 1,284 1,601 295 1,284 1,601	64 6,852 5,248 5,66 1,029 395 160 235 235 235 1,308 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,130 2,	599 6,920 5,300 56 1,018 395 165 165 230 677 242 717 324 1,321 288 1,197	68 6,924 5,309 53 1,025 391 158 232 659 242 733 316 1,232 1,615 282 1,200	711 7,132 5,511 566 1,062 632 392 157 235 782 246 246 246 1,136 1,136 1,136 1,136 1,136	73 7,140 5,511 59 1,077 615 390 154 236 773 247 7,37 1,629 294 1,629 1,198	9,205 755,103 835,204 8,149 4,164 43,387 114,874 80,182 34,692 49,093 46,214 119,900 20,339 10,319 10,918 88,948	9,951 770,153 648,458 8,453 4,084 43,779 117,878 82,205 35,673 49,970 47,323 73,027 59,615 24,4328 121,695 20,056 10,775 90,864	10,590 778,832 655,393 8,462 4,029 44,177 118,241 82,438 35,803 50,225 47,940 73,342 59,652 249,325 123,439 19,896 10,698 92,845	10,814 791,847 667,428 8,503 4,019 45,168 84,995 36,364 50,167 48,766 60,210 254,150 12,419 19,909 33,910	10,524 807,033 880,650 880,650 8,777 4,043 46,858 123,307 87,010 36,297 51,414 49,319 75,990 60,965 259,978 126,352 20,353 10,864 95,135	11,457 818,912 691,555 9,050 4,081 147,473 125,033 88,222 36,810 51,979 50,228 76,765 62,533 264,414 127,357 20,366 10,736 96,255	8 11,603 8,095 226 9558 608 1933 444 1,105 440 2,369 774 672 2,061	9 9 11,589 8,103 2277 999 6211 189 432 1,113 342 1,125 3,486 773 622 2,071	9 11,558 8,110 230 861 891 591 174 417 1,141 347 1,136 461 2,454 761 638 2,049	9 11,559 8,123 231 850 602 1688 434 1,140 3,511 1,126 463 2,473 755 630 2,052	9 11,594 8,115 245 815 858 602 183 419 1,158 340 2,530 436 2,530 783 634 2,063	100 11,758 8,308 254 823 874 616 183 1,209 3455 1,152 447 2,559 786 618 2,047	17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

		Nev	ada				_	Ore	gon		,,			Wash	ington			
	19	96		19	197		19	96		19	97		19	96		19	97	Line
r	ll r	1117	IV r	Įr.	([<i>P</i>	l'r	Nº.	Mr	۱۷r	Įr.	P	Jr.	ur.	1117	IV*	11	P	.
40,255 40,205 50	41,286 41,235 51	42,207 42,151 56	43,050 42,996 54	44,029 43,976 53	44,950 44,895 56	71,934 71,240 694	73,336 72,610 727	74,683 73,920 763	75,735 74,951 784	77,511 76,732 779	78,279 77,461 818	135,771 134,209 1,562	138,424 136,718 1,706	140,830 139,004 1,826	142,401 140,560 1,841	146,386 144,619 1,767	148,481 146,565 1,916	1 2 3
29,671 1,756 -586 27,329 7,350 5,576 138 5,437	30,534 1,803 -607 28,124 7,494 5,668 130 5,538	31,167 1,839 -625 28,702 7,759 5,745 135 5,611	31,837 1,874 -639 29,324 7,907 5,819 141 5,678	32,479 1,918 -653 29,908 8,127 5,994 157 5,837	33,218 1,957 -671 30,590 8,279 6,081 181 5,900	51,065 3,639 -1,310 46,116 13,876 11,942 421 11,521	52,327 3,717 -1,352 47,257 14,048 12,032 422 11,610	53,428 3,793 -1,390 48,245 14,364 12,074 414 11,660	54,301 3,845 -1,420 49,036 14,546 12,154 422 11,732	55,595 3,947 -1,459 50,189 14,875 12,448 429 12,019	56,068 3,963 -1,459 50,646 15,074 12,559 427 12,133	94,291 6,724 1,391 88,958 25,104 21,709 916 20,793	96,687 6,871 1,415 91,231 25,318 21,875 874 21,001	98,660 7,001 1,438 93,097 25,779 21,954 820 21,134	99,900 7,074 1,458 94,283 26,036 22,082 795 21,287	102,982 7,335 1,477 97,124 26,625 22,636 846 21,790	104,699 7,429 1,479 98,749 26,966 22,766 777 21,989	4 5 6 7 8 9 10
24,120 2,262 3,289 12 3,278	24,889 2,298 3,348 12 3,335	25,467 2,322 3,378 17 3,361	26,041 2,343 3,453 15 3,438	26,619 2,358 3,502 14 3,489	27,252 2,401 3,565 16 3,549	39,932 4,470 6,663 229 6,434	41,044 4,532 6,750 250 6,501	42,073 4,583 6,772 273 6,499	42,838 4,599 6,863 281 6,583	43,914 4,687 6,994 270 6,724	44,240 4,675 7,153 303 6,850	74,511 7,708 12,072 819 11,252	76,567 7,817 12,303 943 11,360	78,346 7,899 12,415 1,042 11,372	79,505 7,928 12,467 1,036 11,432	82,308 8,102 12,572 951 11,620	83,647 8,183 12,869 1,091 11,778	12 13 14 15 16
50 29,621 25,750 172 800 3,323 1,373 898 475 1,723 1,250 2,827 2,083 12,197 621 2,956	511 30,483 26,534 1811 31,288 1,495 969 525 1,762 1,280 2,952 2,165 12,640 3,949 629 3,031	56 31,111 27,125 186 331 3,522 1,486 944 502 1,872 1,330 2,164 12,726 634 289 3,063	54 31,782 27,709 187 862 3,817 1,503 987 1,349 3,112 2,171 12,908 4,073 639 2899 3,146	533 32,426 28,278 1922 7966 3,825 1,578 1,571 3,172 2,104 13,475 4,148 674 2944 3,180	56 33,162 28,909 202 203 3,951 1,527 1,004 523 1,877 1,407 3,226 2,170 13,740 13,740 3,226 2,170 3,226 3,236 3,236 3,236	694 50,371 42,842 548 9,783 7,526 2,258 3,277 3,624 5,487 3,218 12,874 7,530 1,335 1,335 6,045	727 51,600 43,973 558 82 3,956 10,000 7,805 2,255 3,301 3,734 5,614 3,416 13,222 7,627 1,338 1,411 6,148	763 52,665 44,914 626 81 3,917 10,250 7,962 2,288 3,390 5,707 3,453 13,544 7,751 1,315 1,315 1,422 6,294	784 53,517 45,687 635 80 4,050 10,238 7,928 2,310 3,374 3,358 5,960 13,871 7,830 13,48 1411 16,341	779 54,816 46,936 640 76 4,126 10,910 8,609 2,301 3,510 4,038 5,982 3,449 14,205 7,880 1,404 6,334	818 55,250 47,331 667 72 4,252 10,556 8,176 2,410 3,549 4,111 6,035 3,556 14,501 7,919 1,401 1,401 1,401 1,401 1,401	1,562 92,729 75,952 1,056 6,050 15,674 11,504 4,169 6,686 5,782 25,595 16,777 3,034 1,945 11,799	1,706 94,981 78,016 1,167 191 16,188 16,078 11,811 4,267 6,768 5,976 6,016 26,335 16,965 3,064 1,928 11,973	1,826 96,834 79,730 1,209 204 6,376 16,520 12,277 4,243 6,592 9,361 6,055 27,141 17,104 3,060 1,929 12,115	1,841 98,058 81,014 1,243 165 6,476 16,920 12,613 4,307 6,534 6,630 9,510 6,100 27,743 17,044 3,066 1,902 12,076	1,767 101,215 83,756 1,206 16,694 16,992 12,685 4,307 7,195 6,307 9,683 6,112 29,371 17,460 3,138 2,057 12,264	1,916 102,783 85,159 1,236 202 6,784 17,590 13,207 4,983 6,817 6,421 9,797 6,284 30,027 17,624 3,123 2,065	17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

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 amount 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.

Includes the inventory valuation and capital consumption adjustments.
 "Other" consists of the wage and salary disbursements to U.S. residents employed by international organizations and foreign embassies and consulates in the United States.

Errata

State Personal Income by Major Source and Earnings by Industry

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

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

Income by Place of Residence Testing and publishing Testing and salary disbursements Testing and salary disbursements Testing and salary disbursements Testing and salary disbursements Testing by Industry Testing and salary disbursements Testing by Industry Testing and salary disbursements Testing by Industry Testing and salary and salary disbursers Testing products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill products Testing mill produ	2 513 3,375 1,736 6,636	1996 r 6,487 2 572 3,593
Personal income (lines 4-9)	2 513 3,375 1,736 6,636	2 572
Population (thousands)2	513 3,375 1,736 6,636	572 2 502
Per capita personal income (dollars) 24,217 25,346 44 45 45 46 46 46 46	3,375 1,736 6,636	2 502
Derivation of Total Personal Income Earnings by place of work (line 10-14 or 15-85) 541,103 570,329 46 Printing and publishing Chemicals and allied products Personal contributions for social insurance 4 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 728 7		
Derivation of Total Personal Income Earnings by place of work (line 10-14 or 15-85) 541,103 570,329 46 47 Chemicals and allied products 541,103 38,767 48 Petroleum and coal products 50,229 48 Petroleum and coal products 50,229 7 Equals: Not earnings by place of residence 503,122 530,834 142,004 151,522 119,309 125,620 52 Railroad transportation Trucking and warehousing Water transportation Trucking and warehousing Water transportation Trucking and warehousing Water transportation Chemicals and allied products Earnings by Place of Work 25 Railroad transportation Trucking and warehousing Water transportation Trucking and warehousing Water transportation Chemicals and allied products Earnings by Place of Work 25 Railroad transportation Trucking and warehousing Water transportation Chemicals and allied products Earnings by Place of Work 25 Railroad transportation Trucking and warehousing Water transportation Chemicals and allied products Earnings hylidities Transfer payments 25 Railroad transportation Trucking and warehousing Water transportation Chemicals and allied products Earnings hylidities Say	6.636 1	1.775
Earnings by place of work (line 10-14 or 15-85)		6,905
Earnings by Place of Work Lease Personal contributions for social insurance 37,257 36,767 49 Rubber and miscellaneous plastics products 142,004 151,522 151 Rubber and miscellaneous plastics products Leather and leather products Leather and leather products Leather and leather products Railroad transportation Transfer payments 142,004 151,522 151 Transfer payments Railroad transportation Transfer payments 154 Transfer payments 154 Transfer payments 155 Tr	3,747	3,804
Plus Adjustment for residence	1.808]	1,822
Equals: Net earnings by place of residence 503,122 530,834 90 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,830 191,	2.342 [2,477
Plus: Dividends, interest, and rent 6 142,004 151,522 119,309 125,620 51 Transportation and public utilities Railroad transportation		155
Plus: Transfer payments	1	
Components of earnings: S3 Trucking and warehousing S3 S4 Water transportation S5 Wage and salary disbursements S5 Wage and salary disbursements S5 Wage and salary disbursements S6 Wage and salaritary services S7 Electric, gas, and sanitary services S7 Electric, gas, and sanitary services S7 Wholesale trade S7 Wage and salary services S7 Electric, gas, and sanitary	33,947	35,211 789
10 Wage and salary disbursements		6.533
10 Wage and salary disbursements	1,197	1,248
10 Wage and salary disbursements	8.276	9,466
12	9,798 }	10,339
12	6,608	6,834
Nonfarm	i l	
Earnings by Industry 6,566 7,419 62 Cher finance, insurance, and real estate		35,216
Earnings by Industry 6,566 7,419 62 Other finance, insurance, and real estate S34,537 562,909 17 Private 451,009 477,959 63 Services Serv	50,207	51,556
15 Farm		45,560
16 Nonfarm 534,537 562,909 Private 451,009 477,959 63 Services	31,690	12,242 33,318
17 Private		33,310
	171,613	185,394
18 Agricultural services, forestry, fishing, and other s	1 4,233	4,474
19 Agricultural services	5.278 l	5,436
20 Forestry, fishing, and other 8	2,277	2,208
21 Mining 2,054 2,064 67 Business services 22 Metal mining 152 157 68 Auto repair, services, and parking 23 Coal mining 59 59 69 Miscellaneous repair services		43,815
22 Metal mining	5,382	5,737
23 Coal mining 59 59 69 Miscellaneous repair services 1,506 1,496 70 Amusement and recreation services 1,506 1,496 70 Amusement and recreation services 1,506 1,496 70 1,506 1,496 70 1,506 1,496 70 1,506 1,496 70 1,506 1,496 70 1,506 1,496 70 1,506 1,496 70 1,506 1,496 70 1,506 1,496 70 1,506 1,496 70 1,506 1,496 70 1,506 1,496 70 1,506 1,496 70 1,506 1,496 70 1,506 1,496 70 1,506 1,496 70 1,506 1,496 70 1,506 1,496 70 1,506 1,496 70 1,506 1,496 70 1,506 1,496 70 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,496 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506 1,506	2,393 7,125	2,534 7,705
24 Oil and gas extraction	10.717	12,338
25 Construction 27,077 28,043 72 Health services		43,015
73 Legal services		13,311
27 Manufacturing	5,406	5.786
28 Durable goods 57,632 61,253 75 Social services	4 688	4,854
29 Lumber and wood products	204	237
30 Furniture and fixtures	1 4,580	4,719
31 Stone, clay, and glass products		26,126 3,099
32 Primary metal industries	2,815	3,099
32 Primary metal industries 1,462 1,619 79 Miscellaneous services	83.529	84.950
35 Electronic and other electric equipment 12,385 13,742 8 Federal, civilian	13,200	12.968
36 Motor vehicles and equipment 1,694 1,736 82 Military	6.418	6,158
37 Other transportation equipment	63,912	65,824
38 Instruments and related products	16,248	16,220
39 Miscellaneous manufacturing industries	47,664	49,604
40 Nondurable goods	ŀ	I

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

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

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

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

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

personal income.

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

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

7. Includes the inventory valuation and capital consumption adjustments.

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

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Wage and salary disbursements

Full- and part-time employment (1969-96)

Wage and salary employment (1969-96)

- State economic profiles
- Transfer payments by major program
- Farm income and expenses
- Personal tax and nontax payments
- BEA Regional Fact Sheet (BEARFACTS)



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BEA CURRENT AND HISTORICAL DATA

National, International, and Regional Estimates

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

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

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

National Data

A. Selected NIPA Tables: [QA] 3. Government receipts, current expenditures, 5. Saving and investment D-13 6. Income and employment by industry D-16 8. Supplementary tables D-24 B. Other NIPA and NIPA-related tables: Monthly estimates: [MA] Annual estimates: [A] B.3. GDP by industry.....(*) B.4. Personal consumption expenditures by type of expenditure......D-29 B.5. Private purchases of structures by type D-30 B.6. Private purchases of producers' durable B.7. Compensation and wage and salary accruals by industry......D-31 B.8. Employment by industry......D-32 B.9. Wage and salary accruals and employment B.10. Farm sector output, gross product, B.11. Housing sector output, gross product, B.12. Net stock of fixed private capital, by type ... D-35 C. Historical tables: [A] C.1. Historical estimates for major NIPA aggregates......D-36 C.2.-C.7. Growth rates of selected components D. Domestic perspectives [MA, QA] D-41

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K. Local area table D-69
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Appendixes
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Appendix B: Suggested reading

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

National Data

A. Selected NIPA Tables

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

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]

			Seasonally adjusted at annual rates						
	1995	1996		1996			1997		
			11	III	IV	1	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 Nondurable goods Services	608.5 1,475.8 2,873.4	634.5 1,534.7 3,038.4	1,532.3	1.538.3	1,560.1	1,587.4	1,578.9	1,602.3	
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	1,008.1 723.0 200.6		769.3	798.6		811.3	836.3	871.1	
equipment Residential Change in business inventories	522.4 285.1 30.1	309.2			580.2 312.0 31.9	316.2	324.6		
Net exports of goods and services	-86.0								
Exports	818.4 583.9 234.6 904.5 757.5 146.9	617.5 253.3 965.7 809.0	613.9 251.1 958.7 802.9	863.7 609.7 254.0 977.6 820.2 157.5	640.5 264.2 993.2	656.2 266.0 1,021.0 855.8	690.0 270.3 1,049.0 880.1	694.6 274.3 1,076.3 905.6	
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 National defense Nondefense State and local	509.6 344.6 165.0 846.0	352.8 167.3	357.3 167,3	354.8	350.6 167.0	343.3 172.8	350.6 175.5	351.7 173.6	

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

Table 1.2.—Real Gross Domestic Product [Billions of chained (1992) dollars]

			S	easonally	y adjuste	ed at ann	nual rate	s
	1995	1996		1996			1997	
			11	III	IV	_	=	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 Nondurable goods Services		1,432.3	1,431.6	611.9 1,433.9 2,672.8	1,441.2	1,457.8	1,450.0	1,466.8
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	962.1 706.5 179.9	771.7			8.008	808.9	837.0	873.7
equipment	528.3 257.0 27.3	272.1	277.2	274.1	271.1	616.6 273.3 63.7	278.2	280.2
Net exports of goods and services	-98.8							
Exports Goods Services Imports Goods Services	791.2 573.9 218.0 890.1 749.2 141.2	628.4 229.9 971.5 823.1	619.2 229.3 960.0 811.7	623.0 229.4 990.2 841.7	666.2 236.8 1,006.6 857.5	686.2 238.9 1,048.9 891.3	725.8 240.8 1,099.1 938.4	735.7 244.1 1,135.6 972.7
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 National defense Nondefense State and local	470.3 322.6 147.5 781.6	317.8 146.1	323.2 147.2	319.4 146.0	313.6 145.7	303.9 148.5	309.4 150.2	310.2 148.1
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]

			S	easonal	y adjust	ed at an	nual rate	s
	1995	1996		1996			1997	
			II	111	IV	1	11	101
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
inventories	30.1							
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 Change in business	2,637.8	2,759.3	2,759.3	2,760.7	2,795.0	2,838.4	2,854.9	2,905.9
inventories	30.1	25.9	23.4	37.1	31.9	66.1	81.1	53.0
Durable goods Final sales Change in business					1,232.4 1,233.5			
inventories	29.1	16.9	18.1	33.3	-1.1	31.8	46.8	24.8
Nondurable goods Final sales Change in business					1,594.5 1,561.5			
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 Gross domestic product less	273.5							
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 1.5.—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
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 1.7.—Gross Domestic Product by Sector

[Billions of dollars]

Gross domestic product	7,265.4	7,636.0	7,607.7	7,676.0	7,792.9	7,933.6	8,034.3	8,131.7
Business 1	6,074.7	6,401.0	6,377.7	6,434.2	6,543.1	6,666.5	6,755.0	6,839.6
Nonfarm 1	6,001.3	6,311.6	6,289.2	6,341.7	6,450.0	6,573.1	6,657.9	6,744.3
Nonfarm less housing	5,372.0	5,652.8	5,636.3	5,677.3	5,777.1	5,892.5	5,971.0	6,051.8
Housing	629.2	658.8	652.8	664.4	673.0	680.6	686.8	692.6
Farm	73.5	89.4	88.6	92.5	93.0	93.4	97.1	95.3
Households and institutions	331.8	346.0	343.9	347.9	352.0	357.7	363.6	369.3
Private households Nonprofit institutions	11.8 319.9							
General government ²	858.9	889.0	886.1	893.9	897.8	909.4	915.8	922.8
FederalState and local	275.5 583.4					286.2 623.3		

Gross domestic business product equals gross domestic product less gross product of households and institu-tions and of general government. Nonfarm product equals gross domestic business product less gross farm product.
 Equals compensation of general government employees plus general government consumption of fixed capital as shown in table 3.7.

Table 1.4.—Real Gross Domestic Product by Major Type of Product [Billions of chained (1992) dollars]

			· ·					
			S	easonal	y adjust	ed at an	nual rate	s
	1995	1996		1996	_	<u> </u>	1997	
			11	III	IV	ı	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
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		2,662.6						
Final sales Change in business	2,545.0	2,635.5	2,635.5	2,634.0	2,668.4	2,699.6	2,711.8	2,763.6
inventories	27.3							
Durable goods Final sales Change in business	1,152.3 1,124.3	1,222.1 1,205.8	1,227.3 1,210.0	1,244.0 1,211.4	1,228.5 1,230.1	1,277.0 1,245.8	1,327.5 1,281.4	1,343.5 1,319.2
inventories	27.3	15.9	17.0	31.3	9	29.9	43.8	23.3
Nondurable goods Final sales Change in business	1,423.4 1,421.9	1,443.7 1,433.2	1,435.1 1,429.3	1,433.5 1,426.5	1,477.9 1,442.6	1,496.1 1,458.3	1,476.2 1,437.5	1,486.6 1,452.8
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 1.6.—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
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 1.8.—Real Gross Domestic Product by Sector

[Billions of chained (1992) dollars]

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

 ^{1.} Gross domestic business product equals gross domestic product less gross product of households and institutions and of general government. Nonfarm product equals gross domestic business product less gross farm product.
 2. Equals compensation of general government employees plus general government consumption of fixed capital as shown in table 3.8.

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

Table 1.9.—Relation of Gross Domestic Product, Gross National Product, Net National Product, National Income, and Personal Income

			Seasonally adjusted at annual rates					
	1995	1996		1996			1997	
			11	181	IV	1	11	
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 Less: Payments of factor income	222.8	234.3	227.1	235.4	248.8	248.2	261.6	
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	796.8 653.0	830.1 682.7	824.1 676.8	835.4 687.7	845.6 697.2	855.0 705.4	863.0 712.3	872.3 721.1
consumption allowances Less: Capital	669.1	709.9	704.9	715.4	725.3	736.6	745.9	755.3
consumption adjustment Government General	16.1 143.8	27.1 147.4	28.0 147.2	27.8 147.8	28.1 148.4	31.2 149.6	33.6 150.6	34.3 151.3
government Government	122.4	125.1	125.1	125.4	125.8	126.8	127.4	127.9
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
payments Statistical discrepancy Plus: Subsidies less current surplus of government	32.2 -28.2	33.6 -59.9	33.5 -50.2	33.8 -79.5	34.2 -59.5	34.4 -64.3	35.0 -73.5	35.0
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 Net interest	650.0 425.1	735.9 425.1	738.5 422.5	739.6 430.9		779.6 440.5		**********
Contributions for social insurance	659.1	692.0	688.7	696.8	705.1	719.5	726.9	734.9
disbursements Plus: Personal interest income Personal dividend	13.1 718.9	1.1 735.7	1.1 727.8	1.1 742.7	1.1 749.8	1.2 757.2	1.2 766.1	1.2 775.8
income	251.9	291.2	290.0	292.0	295.2	312.5	318.3	324.5
payments to persons Business transfer	1		'	'	l	ļ .	1,090.0	i
payments to persons Equals: Personal income	25.0 6 150 8	26.0 8 495 2	25.9 6.461.3	26.1	26.4	26.7	26.9 6,829.1	27.2
Addenda:	0,150.0	U,43U.Z	0,401.3	0,041.8	0,010.4	0,140.2	0,023.1	0,503.0
Gross domestic income Gross national income Net domestic product	7,298.9	7,697.6	7,657.9 7,660.7 6,783.6	7,748.5	7,855.5	7.983.6	8,107.9 8,087.2 7,171.4	

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

[Billions of chained (1992) dollars]

	Seasonally adjusted at annual rate						s	
	1995	1996		1996			1997	
			11	III	IV	1	Ħ	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 Less: Payments of factor income to the rest of the world	207.7							
Equals: Gross national product			6,930.1					
Less: Consumption of fixed capital	752.5 619.6 132.9 113.4 19.5	642.4 134.2 114.1	639.1 134.0 114.0	645.7 134.3 114.2	652.2 134.6 114.4	662.6 135.0 114.6	671.5 135.3 114.8	681.8 135.6 115.0
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 Gross national income ² Net domestic product	6,768.2 6,774.8 5,989.4	6,982.7 6,986.3 6,151.9	6,971.8 6,975.9 6,152.8	7,015.7 7,012.1 6,164.0	7,070.9 7,076.7 6,230.7	7,159.2 7,149.4 6,304.4	7,225.2 7,210.0 6,353.3	6,405.2

Gross domestic income deflated by the implicit price deflator for gross domestic product.
 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-follar 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	<i>-</i>
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]

-			- uouoj					
			s	easonal	y adjuste	ed at an	nual rate	S
	1995	1996		1996			1997	
			II	III	IV	<u> </u>	11	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			4,403.9					
Wage and salary accruals Government	13,442.6 623.0		3,612.3 640.3	3,664.0 645.5		657.8		
Other			2,972.0	3.018.4	3.069.0	3.134.9	3.180.8	3 229 8
Supplements to wages and	-,0.0.0	-,000	_,0	0,01011		0,101.0	"	-
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			408.4	409.1	412.3		418.0
Proprietors' income with inventory valuation and capital consumption								
adjustments	489.0	520.3	520.0	523.8	528.3	534.6		547.3
Farm	23.4	37.2	36.5	40.1	40.4	40.2	43.6	41.2
Proprietors' income with inventory valuation				1	l		1	1
adjustment	31.4	45.0	44.3	47.9	48.1	47.9	51.2	48.8
Capital consumption		١	١	۱		i	l	l
adjustment	-7.9 465.5	-7.8 483.1	-7.8 483.5	-7.8 483.7	-7.8 487.9	-7.7 494.4	-7.6 500.0	-7.5 506.1
Nonfarm Proprietors' income	438.8					466.3		
Inventory valuation	,,,,,,	1	İ	''			""	
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
•		~0.0	-0.0	-/	21.0		====	-0
Rental income of persons with capital consumption		ŀ		l			l	
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	-4 7.5	-48.1	_ _{48.9}	-48.9	-4 9.6
·	,,,,	-47.0	,0.4		740.1	740.5	~0.9	-4 5.0
Corporate profits with inventory valuation and	ŀ			l			l	
capital consumption	ļ	ļ	ļ				ļ	
adjustments	650.0	735.9	738.5	739.6	747.8	779.6	795.1	
Corporate profits with	ŀ	ļ.		l			l	
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		
Dividends Undistributed profits	264.4 145.0	304.8 142.8	303.7 146.4	305.7 141.8	309.1 144.9	326.8 140.3		339.1
Inventory valuation	140.0	142.0	140.4	141.0	144.0	140.0	142.0	
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
	ŀ		422.5	430.9		1		
Net interest	425.1	425.1	422.3	430.9	430.6	440.5	448.1	
Addenda: Corporate profits after tax with							•	
inventory valuation and			l			ļ	l	l
capital consumption	ـ			ـ ۔۔۔			١	
adjustments	436.7	506.9	506.3	508.0	521.8	538.4	550.6	
Net cash flow with inventory valuation and capital		1		l	1		}	l
consumption adjustments	601.3	654.3	651.1	657.8	674.6	678.9	690.2	
Undistributed profits with	İ			1	l		1	l
inventory valuation and capital consumption		l		l	ŀ		1	l
adjustments	172.4	202.1	202.6	202.3	212.6	211.5	217.6	
Consumption of fixed		l						
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			660.5		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

			s	easonall	y adjust	ed at an	nual rate	es	
	1995	1996		1996			1997		
			11	111	IV	1	ll ll	111	
				Billions	of dollars	3			
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		
less subsidies Domestic income	439.6 3,480.0	463.9 3,708.7	458.0 3,695.3	460.9 3,744.6	485.0 3,786.2		474.4 3,950.2	482.5	
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	2 206 4	2 433 5	2,417.2	2 456 3	2 500 7	2 550 7	2 588 N	2 627 0	
Supplements to wages			1						
and salaries Corporate profits with inventory valuation and capital consumption	484.7	493.2	493.2	495.1	497.3	505.8			
adjustments Profits before tax Profits tax liability Profits after tax	563.2 535.9 213.2 322.7	640.0 580.7 229.0 351.6	589.0 232.2	647.8 587.4 231.6 355.7	572.5	611.0 241.2	619.1 244.5		
Dividends Undistributed profits	236.9 85.8	270.8 80.8		265.6 90.1	281.6 64.9	292.7 77.1	293.6		
Inventory valuation adjustment Capital consumption	-24.3	-2.5	-5.4	-2.7	3.3		l	7.8	
adjustment	51.6	61.8		63.2	64.4 148.0	67.7			
Net interest Gross domestic product of financial corporate business	135.6 443.2	142.1 492.5	139.7 488.9	145.4 495.2		152.8 525.1			
Gross domestic product of nonfinancial corporate business	2 005 2	1 122 /	4,112.9	A 165 9	4 220 1	1 200 7	1 361 1		
Consumption of fixed capital	373.4	ì	ı		ì			1	
Net domestic product Indirect business tax and nontax liability plus			3,722.7						
business transfer payments less subsidies Domestic income Compensation of	399.8 3,132.1		420.2 3,302.5						
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 Corporate profits with inventory valuation and	447.5	454.4	454.4	456.0	457.8	466.0	470.1	474.3	
capital consumption adjustments Profits before tax	474.6 438.3	545.8 477.2	477.4	553.3 483.4	561.7 484.4	575.4 494.5	501.5		
Profits tax liability Profits after tax Dividends	139.4 298.9 188.3	154.8 322.4 196.4	323.3	156.8 326.6 191.8	325.5	159.4 335.1 207.0	161.8 339.8		
Undistributed profits	110.6	126.0		134.8					
Inventory valuation adjustment Capital consumption	-24.3	- 2.5	-5.4	-2.7	3.3	3.5	5.9	7.8	
adjustment	60.5 102.0	71.1 88.5							
	Billions of chained (1992) dollars								
Grace damantic and duct									
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		

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.
 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.
 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]

- I I I I I I I I I I I I I I I I I I I									
			s	easonall	y adjuste	ed at an	nual rate	s	
	1995	1996		1996			1997		
<u></u>				III	IV	1	II		
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 Private industries Goods-producing	3,429.5 2,806.5	3,632.5 2,989.9	3,611.2 2,970.9	3,662.8 3,017.3	3,716.9 3,067.9	3,791.5 3,133.7	3,841.6 3,179.6	3,896.1 3,228.7	
industries Manufacturing Distributive industries Service industries Government	864.4 648.4 783.1 1,159.0 623.0	909.1 674.7 823.3 1,257.5 642.6	906.3 674.1 819.2 1,245.3 640.3	917.2 680.1 829.0 1,271.1 645.5	927.8 685.6 840.6 1,299.5 648.9	694.1 856.8	952.8 700.3 867.0 1,359.8 662.0	961.8 706.3 879.6 1,387.3 667.4	
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 23.4 465.5	520.3 37.2 483.1	520.0 36.5 483.5	523.8 40.1 483.7	528.3 40.4 487.9	534.6 40.2 494.4	543.6 43.6 500.0	547.3 41.2 506.1	
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 Old-age, survivors, disability, and health	1,015.0	1,068.0	1,064.8	1,072.4	1,081.5	1,107.2	1,117.0	1,125.2	
insurance benefits Government unemployment	507.8	537.6			545.6	i		569.1	
insurance benefits Veterans benefits Government employees	21.4 20.8	22.0 21.6	22.1 21.9	21.3 21.7	21.6 21.4	22.1 22.4	21.9 22.4	21.8 22.5	
retirement benefits Other transfer payments Family assistance ¹ Other	133.6 331.4 23.3 308.0	142.5 344.2 21.7 322.5	142.2 343.3 22.0 321.3	143.7 345.7 21.6 324.2	145.9 347.0 20.7 326.2	150.4 353.5 19.7 333.8	152.7 355.6 19.0 336.6	154.2 357.6 18.0 339.6	
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 Interest paid by persons Personal transfer payments to	4,957.7 128.5	5,207.6 145.2			5,308.1 150.5			5,527.7 155.7	
the rest of the world (net)	14.8	15.9		ı	l		l		
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 Per capita: Current dollars Chained (1992) dollars Population (mid-period, millions)	4,964.2 20,349 18,861 263.2	21,117	21,012 19,081	21,229 19,161	21,373 19,152	21,689 19,331	21,865 19,439		
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	

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

[Billions of dollars]

			s	easonall	y adjuste	ed at an	nual rate	s
	1995	1996		1996			1997	
			11	111	IV	I	11	111
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 Furniture and household	254.8	261.3	264.0	260.0	i	1	252.7	264.8
equipment Other	240.2 113.6							
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	735.1 254.7 114.4 10.2 361.3	264.3 122.6 11.6	265.7 125.7 11.3	265.7 121.4 11.2	266.2 126.0 12.0	275.2 128.5 11.0	274.8 121.6 11.0	281,4 124,4 11,3
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
Housing	750.3 300.7 119.5 181.2 203.1 772.8 846.5	315.9 125.3 190.6 218.4 808.1	317.5 126.7 190.8 216.6 803.3	313.4 122.8 190.6 219.7 811.9	321.8 126.8 195.0 224.8 826.9	320.8 124.9 195.9 228.9 841.0	326.7 127.2 199.5 233.4 849.6	330.7 128.5 202.2 237.9

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

[Billions of chained (1992) dollars]

Personal consumption expenditures	4,595.3	4,714.1	4,712.2	4,718.2	4,756.4	4,818.1	4,829.4	4,897.1
Durable goods	583.6	611.1	614.8	611.9	617.1	637.8	629.0	653.8
Motor vehicles and parts Furniture and household	229.5	231.3	234.2	229.7	228.0	233.4	223.1	235.2
equipment	248.4							
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
FoodClothing and shoes	690.5 257.5	267.7	268.4	270.8	270.0	277.1	273.8	282.3
Gasoline and oil	113.1							
Fuel oil and coal Other	10.5 341.3							
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							
Electricity and gas	115.0							
Other household operation	167.8				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							
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.

tures.

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

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

3. Government Receipts, Current Expenditures, and Gross Investment_

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

			S	easonal	ly adjuste	ed at an	nual rate	is
	1995	1996		1996			244.5 616.2 726.9 2,498.7 1,221.6 1,100.8 1,090.0 10.8 164.9 319.1 227.9 91.2 154.1 14.7 26.0 34.6 8.6 0 68.1 132.0	
			II	III	IV	1	11	
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	795.1 213.2 582.8 659.1	886.9 229.0 604.8 692.0	232.2 599.0	231.6	226.0 625.3	241.2	244.5 616.2	626.5
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)	1,001.5 990.0 11.5	1,042.0	1,039.0	1,046.3	1,055.1	1,080.5	1,090.0	1,108.0 1,097.9 10.0
Net interest paid Interest paid To persons and business To the rest of the world Less: Interest received by government	165.2 314.1 252.8 61.3 148.9	165.4 317.7 246.4 71.3 152.3	314.6 247.3 67.3	318.1 244.1 74.0	320.7 241.3 79.4	317.9 233.3 84.6	319.1 227.9 91.2	
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 34.0 8.8	25.4 33.5 8.1	25.2 33.3 8.1		33.7		34.6	34.7
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 -196.0	126.6 -131.7			132.0 -108.8		132.0 -63.9	134.3

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

			S	easonali	y adjuste	ed at an	nual rate	s
	1995	1996		1996			1997	
			=	=	IV	-	11	Ш
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 Income taxes	605.8 588.7 14.9 2.2	686.7 666.8 17.5 2.5	688.8 668.6 17.8 2.4	695.7 674.8 18.4 2.5	717.5 697.2 17.7 2.6	746.9 725.0 19.3 2.6	767.9 744.1 21.1 2.6	781.4 757.9 20.7 2.7
Corporate profits tax accruals Federal Reserve banks Other	182.1 23.4 158.7	194.5 20.1 174.4	197.2 20.0 177.2	196.7 20.1 176.6	192.0 20.4 171.7	204.9 20.9 184.0	21.2	
Indirect business tax and nontax accruals Excise taxes Customs duties Nontaxes	93.5 58.1 19.4 16.1	95.8 56.4 19.2 20.2	90.0 54.9 19.5 15.6	91.5 55.7 20.2 15.5	110.2 59.6 16.8 33.7	88.2 56.5 18.6 13.2	92.2 59.0 20.5 12.7	92.4 59.0 20.9 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)	720.9 709.4 11.5	763.5 747.2 16.3	757.5 746.3 11.2	761.5 749.7 11.9	777.3 754.4 22.9	785.9 775.5 10.5	791.4 780.5 10.8	794.4 784.4 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	224.8 250.0 188.7 61.3 25.2	227.1 253.1 181.8 71.3 26.0	223.5 250.1 182.7 67.3 26.6	226.6 253.4 179.5 74.0 26.9	231.8 256.1 176.7 79.4 24.3	228.9 253.2 168.7 84.6 24.4	229.8 254.4 163.3 91.2 24.6	
Subsidies less current surplus of government enterprises	36.4 33.7 -2.7	37.7 33.1	37.5 33.0 -4.5	37.4 33.1 -4.2	38.5 33.4 -5.1	38.4 33.8 -4.7	38.1 34.3 -3.9	38.0 34.3 -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 fundsOther	54.1 -228.6	55.3 -165.8	53.3 -165.0	58.2 -157.8	60.6 -137.7	58.7 -114.2	60.4 -97.2	

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

[Billions of dollars]									
			S	easonall	y adjuste	ed at ani	nual rate	8	
	1995	1996		1996			1997		
			. II	111	١٧		11	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 Income taxes	189.4 140.3 26.7 22.4	200.2 149.1 28.8 22.3	198.9 148.2 28.5 22.2	201.7 150.3 29.1 22.3	205.1 153.1 29.6 22.5	208.7 155.7 30.1 22.9	211.3 157.4 30.7 23.3	216.1 161.3 31.3 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	489.3 239.4 197.4 52.5	508.9 249.8 202.3 56.8	508.9 250.4 201.5 57.1	509.4 249.6 203.0 56.8	251.9	522.0 256.2 206.2 59.6	524.0 255.6 207.8 60.6	534.1 259.4 209.3 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 64.1 123.7	-61.7 64.6 126.3	-61.2 64.6 125.7	-62.2 64.6 126.8	-63.0 64.7 127.7	-64.0 64.6 128.6	-64.9 64.6 129.5	-65.9 64.6 130.5	
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 .3	-12.3 .3	-12.3 .3	-12.4 .3	-12.5 .3	-12.3 .3	-12.2 .3	-12.1 .3	
government enterprises Less: Wage accruals less disbursements	11.5 0	12.7 0	12.7	12.8	12.8 0	12.7 0	12.5 0	12.4	
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 fundsOther	70.5 32.5	71.3 34.1	71.3 43.1	71.5 31.1	71.4 28.9	71.3 33.5	71.6 33.3		

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

			Seasonally adjusted at annual rates						
	1995	1996		1996			1997		
			1)	III	IV	1	jj.	III	
Government consumption expenditures and gross investment ¹	1,355.5	1,406.7	1,407.0	1,413.5	1,422.3	1,433.1	1,449.0	1,457.8	
Federal	509.6	520.0	524.6	521.6	517.6	516.1	526.1	525.3	
National defense	344.6 298.6 21.1 6.3 271.2	352.8 305.7 22.3 7.9 275.6	357.3 307.8 23.7 8.3 275.9	354.8 309.3 24.7 8.5 276.1	350.6 307.6 20.6 7.2 279.8	343.3 306.4 20.6 7.6 278.2	350.6 311.3 21.9 6.8 282.7	351.7 312.0 23.3 7.3 281.3	
force-account construction ³ Consumption of	131.5	135.2	135.4	135.9	134.7	136.8	136.1	136.0	
general government lixed capital 4 Other services Gross investment	57.5 82.3 46.0 6.4 39.6	57.3 83.0 47.0 6.8 40.2	57.6 82.8 49.5 7.3 42.2	57.2 83.0 45.5 6.6 38.8	57.1 87.9 42.9 6.6 36.3	57.1 84.3 37.0 6.3 30.7	57.0 89.6 39.3 6.2 33.1	56.9 88.4 39.8 6.2 33.5	
Nondefense Consumption expenditures Durable goods 2	165.0 144.9 .8	167.3 145.7 .9	167.3 145.9 1.0	166.8 144.6 .7	167.0 146.0 .5	172.8 151.7 .9	175.5 152.9 .8	173.6 153.1 .6	
Nondurable goods Commodity Credit Corporation	6.5	5.7	5.7	5.2	5.6	6.6	6.7	6.7	
inventory change Other nondurables Services Compensation of general government employees, except	2 6.7 137.6	4 6.1 139.2	5 6.2 139.2	5 5.8 138.7	3 5.9 139.9	0 6.6 144.2	2 6.8 145.5	2 6.8 145.8	
force-account construction ³ Consumption of general government	75.8	77.5	77.6	77.6	77.8	80.6	81.4	81.1	
fixed capital 4 Other services Gross investment Structures Equipment	10.7 51.1 20.1 11.0 9.1	11.2 50.4 21.5 11.3 10.2	11.2 50.5 21.4 11.6 9.9	11.3 49.8 22.1 11.3 10.9	11.4 50.7 21.0 11.4 9.6	11.5 52.0 21.1 11.2 9.9	11.7 52.5 22.6 10.5 12.0	11.9 52.9 20.5 10.6 9.8	
State and local Consumption expenditures Durable goods 2 Nondurable goods Services Compensation of general government	846.0 698.6 14.7 73.0 610.9	886.7 730.9 15.3 78.2 637.5	882.4 727.0 15.2 78.2 633.6	891.9 735.9 15.4 78.3 642.2	904.7 743.3 15.5 80.3 647.6	917.0 751.7 15.6 81.0 655.1	923.0 757.4 15.7 79.9 661.8	932.4 766.4 15.9 80.3 670.2	
employees, except force-account construction ³ Consumption of general government fixed	5 25.5	547.2	544.0	551.1	555.4	561.1	566.7	573.6	
capital 4	54.2 31.2 147.4 121.0 26.4	56.6 33.7 155.7 128.5 27.3	56.3 33.3 155.3 128.1 27.2	56.8 34.3 156.0 128.6 27.4	57.3 34.9 161.4 133.9 27.4	58.1 36.0 165.2 137.7 27.5	58.7 36.3 165.6 138.0 27.6	59.2 37.4 166.1 138.4 27.7	
Addenda: Compensation of general government employees 3 Federal State and local	736.5 207.3 529.2	763.9 212.8 551.0	761.0 213.1 547.9	768.5 213.5 555.0	772.0 212.6 559.4	782.7 217.5 565.2	788.4 217.5 570.9	794.9 217.2 577.8	

Table 3.8.—Real Government Consumption Expenditures and Real Gross Investment by Type

[Billions of chained (1992) dollars]

			s	easonall	y adjust	ed at an	nual rate	s
	1995	1996		1996			1997	
			11	111	١٧	1	11	
Government consumption expenditures and gross investment 1	1,251.9	1,257.9	1,265.1	1,261.5	1,261.8	1,260.5	1,270.1	1,273.3
Federal	470.3	464.2	470.7	465.7	459.6	452.8	460.1	458.8
National defense	322.6	317.8	323.2	319.4	313.6	303.9	309.4	310.2
Consumption expenditures Durable goods 2	280.6 20.8	275.5 21.8	278.4 23.0	278.1 24.1	274.4 20.2	270.3 20.0	273.9 21.2	274.0 22.6
Nondurable goods	6.3	7.2	7.6	7.8	6.2	6.6	6.3	7.0
Services Compensation of	253.2	246.5	247.8	246.3	247.8	243.5	246.3	244.5
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	1							
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 Equipment	5.4 36.5	5.6 36.5	6.0 38.7	5.4 35.8	5.4 33.7	5.0 28.2	4.9 30.3	4.9 31.1
• •	[1	1 1			1	150.2	
Nondefense Consumption expenditures	147.5 128.0	146.1 125.3	147.2 126.5	146.0 124.6	145.7 125.1	148.5 127.7	128.2	148.1 127.8
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			i		· ·		1	
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 Compensation of	121.3	119.1	120.2	118.9	119.1	120.6	121.1	120.9
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	Q2.5	01.5	02.0	01.7	01.4	01.0	01.0	01.0
general government								
fixed capital 4	10.3 48.5	10.8 47.4	10.7 47.5	10.8 46.7	11.0 47.2	11.1 48.3	11.2 48.6	11.3 48.9
Other services 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 Durable goods 2	646.0 13.9	653.6 14.4	654.2 14.3	655.7 14.5	657.8 14.6	661.1 14.7	664.3 14.8	668.5 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				ا مرا				
Consumption of general	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	38.8 146.6	39.0	39.6 146.1
Gross investment	135.6 109.5	140.1 112.8	140.2 112.9	140.1 112.6	144.5 116.6	118.4	145.8 117.2	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
FederalState and local	185.5 481.6	178.9 483.2	180.7 484.5	179.4 484.9	177.2 485.4	176.5 487.1	175.6 489.0	174.8 491.6

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.

^{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 3.10.—National Defense Consumption Expenditures and Gross **Investment**

		,	S	easonally	y adjuste	d at ann	ual rate	8
	1995	1996		1996			1997	-
			11	111	ΙV	1	Jł.	Ш
National defense consumption expenditures and gross investment ¹	344.6	352.8	357.3	354.8	350.6	343.3	350.6	351.7
Consumption expenditures	298.6	305.7	307.8	309.3	307.6	306.4	311.3	312.0
Durable goods 2 Aircraft Missiles Ships Vehicles Electronics Other durable goods	21.1 8.7 3.1 1.2 1.1 2.5 4.5	22.3 9.7 3.2 .9 1.0 2.6 5.0	23.7 10.2 3.2 .9 1.0 2.9 5.5	24.7 10.6 3.8 1.3 1.1 2.9 5.0	20.6 9.2 2.8 .6 .9 2.3 4.8	20.6 9.2 2.8 .7 1.2 2.5 4.1	21.9 10.1 3.1 .7 .9 2.6 4.4	23.3 11.0 3.2 .7 .9 2.7 4.8
Nondurable goods	6.3	7.9	8.3	8.5	7.2	7.6	6.8	7.3
Petroleum products	2.8 1.2 2.4	3.4 1.1 3.4	3.4 1.5 3.4	4.1 1.1 3.3	3.0 .7 3.6	3.1 1.5 3.0	3.0 1.1 2.7	3.0 1.4 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 82.1 49.4 57.5 82.3 20.9 27.7 8.3 18.3 4.5 -1.7	135.2 85.8 49.4 57.3 83.0 23.5 27.4 6.3 19.0 4.7 4.3 -2.1	135.4 85.7 49.7 57.6 82.8 22.9 28.2 5.9 18.5 5.0 4.3	135.9 86.3 49.5 57.2 83.0 24.2 28.3 5.4 18.8 4.7 4.2	134.7 86.2 48.5 57.1 87.9 26.2 26.4 8.0 20.5 4.7 4.1 -1.9	136.8 87.1 49.7 57.1 84.3 25.8 25.9 5.9 20.2 4.5 3.9 -1.8	136.1 86.7 49.4 57.0 89.6 27.5 26.7 6.9 22.4 4.2 3.9 2.0	136.0 86.6 49.4 56.9 88.4 25.2 27.2 7.2 22.4 4.1 3.7 -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 Aircraft Missiles Ships Vehicles Electronics Other equipment	39.6 9.0 4.6 8.0 .9 3.5 13.5	40.2 9.3 4.1 6.8 .9 3.6 15.5	42.2 10.0 4.3 7.2 .9 3.7 16.0	38.8 7.6 4.3 6.6 .9 4.0 15.5	36.3 5.9 3.7 6.3 .8 3.2 16.3	30.7 4.7 2.9 5.6 1.0 3.3 13.2	33.1 4.0 3.4 6.7 1.3 3.4 14.3	33.5 4.7 3.0 6.4 1.3 3.6 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

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

[Billions of chained (1992) dollars]

Canonic of citation (1902) contains										
			Se	easonally	/ adjuste	d at ann	ual rates	3		
	1995	1996		1996			1997	<u> </u>		
			II.	III.	IV	١	il	181		
National defense consumption expenditures and gross investment ¹	322.6	317.8	323.2	319.4	313.6	303.9	309.4	310.2		
Consumption expenditures	280.6	275.5	278.4	278.1	274.4	270.3	273.9	274.0		
Durable goods 2 Aircraft Missiles Ships Vehicles Electronics Other durable goods	20.8 8.5 3.4 1.2 1.0 2.5 4.3	21.8 9.3 3.4 .8 .9 2.7 4.6	23.0 9.8 3.5 .8 1.0 3.0 5.0	24.1 10.2 4.0 1.2 1.1 3.0 4.6	20.2 8.9 3.1 .5 .9 2.4 4.4	20.0 8.9 2.9 .7 1.2 2.6 3.8	21.2 9.8 3.1 .7 .9 2.8 4.0	22.6 10.7 3.2 .7 .8 2.9 4.4		
Nondurable goods	6.3	7.2	7.6	7.8	6.2	6.6	6.3	7.0		
Petroleum products Ammunition Other nondurable goods	3.1 1.1 2.2	3.1 1.0 3.2	3.2 1.2 3.2	3.7 1.0 3.1	2.4 .6 3.4	2.6 1.3 2.8	2.9 .9 2.6	3.1 1.2 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 79.8 42.6 52.5 78.4 20.8	117.2 76.9 40.4 51.4 78.0 23.5	118.0 77.0 41.1 51.6 78.3 23.1	117.2 76.7 40.6 51.3 77.9 24.3	115.4 76.1 39.4 51.0 81.6	114.5 75.5 39.0 50.8 78.4 25.7	113.3 74.8 38.6 50.5 83.0	113.1 74.7 38.5 50.3 81.5 24.7		
Installation support Weapons support Personnel support Transportation of	25.5 7.8 17.4	24.9 5.7 17.2	25.8 5.3 16.9	25.6 4.9 17.0	23.8 7.1 18.1	23.5 5.2 17.7	24.2 6.1 19.8	24.5 6.3 19.7		
material Travel of persons Other	4.1 4.2 –1.6	4.7 4.1 –1.9	4.9 4.2 -1.8	4.6 4.0 –2.3	4.6 3.8 -1.6	4.4 3.6 –1.6	4.1 3.6 -1.7	4.0 3.4 –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 Aircraft Missiles Ships Vehicles Electronics Other equipment Residual	36.5 7.2 4.7 7.2 .8 3.9 12.8	36.5 7.1 4.4 6.1 .8 4.4 14.1 6	38.7 8.1 4.5 6.5 .8 4.6 14.5	35.8 6.4 4.5 5.9 .7 5.0 13.9	33.7 5.0 4.0 5.6 .7 4.2 14.7 9	28.2 4.0 2.9 4.9 9 4.3 11.8	30.3 3.3 3.4 5.9 1.1 4.6 12.7 -1.3	31.1 4.2 3.0 5.6 1.1 4.9 13.0		
Addendum:	"	0	0	-1.0	9	5	-,	-1.2		
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.

^{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.

4. Foreign Transactions

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

[Billions of dollars]

			S	easonall	y adjuste	ed at an	nual rate	s
	1995	1996		1996			1997	
			11	111	IV	1	- 11	111
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 Goods ¹ Durable Nondurable Services ¹	818.4 583.9 394.3 189.6 234.6	617.5 421.2 196.3	613.9 420.4 193.5	609.7 415.8	640.5 438.8 201.6	656.2 455.9 200.3	690.0 486.3 203.7	694.6 488.6 206.1
Receipts of factor income	222.8	234.3	227.1	235.4	248.8	248.2	261.6	ļ
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 Goods ¹ Durable Nondurable Services ¹	904.5 757.5 510.3 247.3 146.9	809.0 533.6	958.7 802.9 529.6 273.4 155.8	279.8	834.6	563.4 292.5	880.1 583.8	905.6 605.1
Payments of factor income	217.5	232.6	224.3	242.3	245.6	262.5	282.3	ļ
Transfer payments (net)	33.6 14.8 11.5 7.3	15.9	34.7 15.8 11.2 7.6	35.4 15.9 11.9 7.7		17.0 10.5	17.6	17.9
Net foreign investment	-114.4	-132.9	-125.6	-156.4	-132.9	-148.4	-146.0	

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]

			S	easonall	y adjusto	ed at an	nual rate	es
	1995	1996		1996				
			II	III	ΙV	ı	11	111
Exports of goods and services Goods 1 Durable Nondurable Services 1	791.2 573.9 411.2 164.1 218.0	628.4 463.3 169.1	847.4 619.2 459.1 164.5 229.3	851.4 623.0 460.8 166.4 229.4	666.2 494.0 177.0	686.2 517.0 176.0	725.8 555.8 179.2	735.7 563.4 181.7
Receipts of factor income	207.7	214.2	208.1	214.8	226.0	224.6	236.3	
Imports of goods and services Goods 1 Durable Nondurable Services 1	890.1 749.2 511.7 237.2 141.2	971.5 823.1 569.9 253.5 149.0	960.0 811.7 559.8 251.9 148.8	990.2 841.7 582.6 259.4 149.3	596.6 261.6	891.3 630.8 263.3	938.4 660.7 280.1	972.7 690.7 285.5
Payments of factor income	200.7	210.2	203.7	218.1	219.8	234.0	250.8	ļ

^{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**

·			donaroj									
		ļ	Seasonally adjusted at annual rates									
	1995	1996		1996			1997					
			П	III	IV		II	111				
Exports of goods and	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 Nondurable goods	49.8	51.0	51.2 87.3	51.0	51.9	53.2 94.3	55.7	55.8				
Capital goods, except	91.4	90.1		88.5	94.0		98.3	100.8				
automotive Civilian aircraft, engines,	233.8	253.1	252.6	246.8	265.3	275.9	296.9	299.1				
and partsComputers, peripherals,	26.1	30.8	33.3	26.8	36.7	39.6	45.5	35.5				
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				
and parts Consumer goods, except	61.8	65.0	64.2	66.2	67.0	70.9	73.4	75.0				
automotive	64.4	70.1	69.9	69.4	72.9	75.3	78.9	77.4				
Durable goods Nondurable goods	32.8 31.6	35.8 34.3	35.7 34.3	35.5 33.9	37.8 35.1	38.1 37.2	41.2 37.7	40.0 37.4				
Other Durable goods	32.1 16.1	32.7 16.3	33.6 16.8	32.7 16.3	33.5 16.8	35.6 17.8	38.2 19.1	37.4 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				
TravelPassenger fares	63.4 19.1	69.9 20.6	69.4 19.8	70.6 20.9	72.7 21.1	74.5 21.3	72.6 21.2	73.5 21.3				
Other transportation	27.4	27.2	27.2	26.9	28.6	28.2	28.8	29.0				
Royalties and license fees Other private services	27.4 65.5	30.0 72.2	29.4 71.2	30.0 72.4	30.8 75.2	30.9 77.7	31.9 80.2	32.4 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 Industrial supplies and materials, except petroleum	33.2	35.7	35.9	35.8	36.7	38.0	40.0	40.5				
and products	119.9	125.2	123.5	127.1	128.7	130.7	134.3	137.6				
Durable goods Nondurable goods	59.8 60.1	63.1 62.1	63.0 60.4	64.7 62.4	64.9 63.8	65.7 65.0	69.4 64.9	70.0 67.6				
Petroleum and products Capital goods, except	56.2	72.7	74.1	76.2	82.2	76.7	71.0	69.2				
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				
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 Nondurable goods	83.7 76.2	89.3 81.7	87.9 79.7	91.2 82.0	92.4 87.0	93.2 88.0	98.0 94.1	97.1 96.0				
Other	43.2	46.4	46.5	46.7	47.2	49.6	52.8	54.4				
Durable goods Nondurable goods	21.6 21.6	23.2 23.2	23.2 23.2	23.4 23.4	23.6 23.6	24.8 24.8	26.4 26.4	27.2 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 46.1	10.9 48.7	11.0 48.4	11.1 47.7	10.9 49.0	11.2 52.3	11.4 52.6	11.5 52.7				
Passenger fares	14.4	15.8	15.8	15.7	16.2	17.1	17.2	17.4				
Other transportation Royalties and license fees	28.3 6.5	28.5 7.3	29.0 6.7	28.9 8.6	28.7 7.1	29.3 7.6	30.0 8.4	30.0 8.5				
Other private services	35.4 6.3	38.9	38.4 6.5	38.9 6.7	40.0 6.8	40.9	42.4 6.8	43.6 6.9				
OtherAddenda:	".3	0.0	0.5	0.7	0.0	0.0	0.0	0.9				
Exports of agricultural goods 2 Exports of nonagricultural	57.2	l	60.3	60.4	61.8		56.4	57.6				
goods Imports of nonpetroleum	526.6	556.0	553.5	549.3	578.7	598.9	633.5	637.1				
goods	701.4	736.3	728.9	743.9	752.4	779.1	809.1	836.5				

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.
 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]

			S	easona	lly adjus	ted at ar	nnual rat	es
	1995	1996		1996			1997	
			=	≡	IV	_	.	111
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 Durable goods	116.4 42.3	121.9 44.8	119.9 44.7	121.3 45.4	126.6 46.3	127.6 46.9	133.5 49.1	135.4 49.2
Nondurable goods	74.2	77.1	75.3	76.0	80.4	80.8	84.5	86.2
Capital goods, except automotive Civilian aircraft, engines, and	263.5	310.4	306.6	305.8	337.2	356.1	388.7	397.1
parts	23.8	27.0	29.4	23.3	31.8	33.7	38.7	29.9
Computers, peripherals, and		07.0	040	400.0	400.0	400.0	140.5	400.5
other	66.5 180.7	97.2 203.3	94.0 198.4	100.3 202.4	106.8 217.2	122.3 224.7	142.5 238.7	163.5 250.2
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 30.4	32.4 31.5	32.4 32.1	32.0 31.6	33.0 33.0	35.0	35.5 37.8	35.1 37.2
Other Durable goods	15.2	15.8	16.0	15.8	16.5	35.1 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
Passenger fares	59.1 17.4	62.6 18.7	62.5 18.3	62.9 19.1	64.4 18.8	65.3 20.7	63.4 19.4	64.1 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 16.1	67.0	66.1	67.0	69.3	71.4	73.5	75.3
Other			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
services	890.1		I		l '		1,099.1 938.4	
services Imports of goods ¹	749.2	823.1	811.7	841.7	857.5	891.3	938.4	972.7
services	749.2 29.3		811.7 31.8	841.7 32.5	857.5 33.2	891.3 34.2	938.4 35.3	972.7 36.2
imports of goods ¹	749.2 29.3 107.9	823.1 32.3 114.2	811.7 31.8 112.7	841.7 32.5 116.9	857.5 33.2 117.7	891.3 34.2 118.3	938.4 35.3 123.3	972.7 36.2 125.5
imports of goods ¹	749.2 29.3 107.9 53.5	823.1 32.3 114.2 57.3	811.7 31.8 112.7 57.1	841.7 32.5 116.9 58.8	857.5 33.2 117.7 59.1	891.3 34.2 118.3 59.1	938.4 35.3 123.3 61.7	972.7 36.2 125.5 61.9
imports of goods 1	749.2 29.3 107.9	823.1 32.3 114.2	811.7 31.8 112.7	841.7 32.5 116.9 58.8 58.1	857.5 33.2 117.7	891.3 34.2 118.3 59.1 59.2	938.4 35.3 123.3	972.7 36.2 125.5
imports of goods ¹ Foods, feeds, and beverages	749.2 29.3 107.9 53.5 54.3	823.1 32.3 114.2 57.3 56.8 63.8	811.7 31.8 112.7 57.1 55.6 65.9	841.7 32.5 116.9 58.8	857.5 33.2 117.7 59.1 58.5	891.3 34.2 118.3 59.1	938.4 35.3 123.3 61.7 61.6	972.7 36.2 125.5 61.9 63.6
Foods, feeds, and beverages	749.2 29.3 107.9 53.5 54.3 59.3 246.5	823.1 32.3 114.2 57.3 56.8 63.8 294.5	811.7 31.8 112.7 57.1 55.6 65.9 284.2	841.7 32.5 116.9 58.8 58.1 67.5 298.6	857.5 33.2 117.7 59.1 58.5 64.0 319.6	891.3 34.2 118.3 59.1 59.2 62.2 340.3	938.4 35.3 123.3 61.7 61.6 68.1 369.4	972.7 36.2 125.5 61.9 63.6 68.0 398.2
imports of goods ¹ Foods, feeds, and beverages	749.2 29.3 107.9 53.5 54.3 59.3	823.1 32.3 114.2 57.3 56.8 63.8 294.5	811.7 31.8 112.7 57.1 55.6 65.9	841.7 32.5 116.9 58.8 58.1 67.5	857.5 33.2 117.7 59.1 58.5 64.0	891.3 34.2 118.3 59.1 59.2 62.2	938.4 35.3 123.3 61.7 61.6 68.1	972.7 36.2 125.5 61.9 63.6 68.0
Foods, feeds, and beverages	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2	972.7 36.2 125.5 61.9 63.6 68.0 398.2 16.7 185.4
Foods, feeds, and beverages	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4	857.5 33.2 117.7 59.1 58.5 64.0 319.6	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2	972.7 36.2 125.5 61.9 63.6 68.0 398.2 16.7
Foods, feeds, and beverages	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2	972.7 36.2 125.5 61.9 63.6 68.0 398.2 16.7
Foods, feeds, and beverages	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5	972.7 36.2 125.5 61.9 63.6 68.0 398.2 16.7 185.4 223.5
Foods, feeds, and beverages	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6	972.7 36.2 125.5 61.9 63.6 68.0 398.2 16.7 185.4 223.5 133.4 189.0
Foods, feeds, and beverages	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0	972.7 36.2 125.5 61.9 63.6 68.0 398.2 16.7 185.4 223.5 133.4 189.0 96.5
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods Nondurable goods Nondurable goods Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherals, and parts Automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Other	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 81.2 73.9 40.2	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 43.2	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 76.7 43.2	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 78.9 43.6	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6	972.7 36.2 125.5 61.9 63.6 68.0 398.2 16.7 185.4 223.5 133.4 189.0 96.5 92.4 51.1
Foods, feeds, and beverages	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 81.2 73.9 40.2 20.1	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 43.2 21.6	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 76.7 43.2 21.6	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 78.9 43.6 21.8	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8	972.7 36.2 125.5 61.9 63.6 68.0 398.2 16.7 185.4 223.5 133.4 189.0 96.5 92.4 51.1 125.5
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 81.2 73.9 40.2 20.1 20.1	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 43.2 21.6 21.6	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 76.7 43.2 21.6 21.6	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 78.9 43.6 21.8 21.8	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0 22.0	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 23.2	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8 24.8	972.7 36.2 125.5 61.9 63.6 68.0 398.2 16.7 185.4 223.5 133.4 189.0 96.5 92.4 51.1 25.5 25.5
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods	749.2 29.3 107.9 53.5 54.3 246.5 9.8 88.7 154.4 114.8 155.1 81.2 20.1 20.1 141.2	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 21.6 21.6 149.0	811.7 31.8 112.7 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 21.6 21.6 148.8	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 21.8 21.8 149.3	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0 150.0	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 23.2 158.4	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 97.0 90.5 49.6 24.8 24.8	972.7 36.2 125.5 61.9 63.6 68.0 398.2 16.7 185.4 223.5 133.4 189.0 96.5 92.4 51.1 25.5 25.5 164.5
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 20.1 141.2 9.1	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 43.2 21.6 21.6 149.0	811.7 31.8 112.7 557.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 76.7 43.2 21.6 148.8	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 78.9 43.6 21.8 149.3 10.3	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0 150.0	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 23.2 158.4	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.5 49.6 24.8 24.8 11.2	972.7 36.2 125.5 61.9 63.6 68.0 398.2 16.7 185.4 223.5 133.4 189.0 96.5 92.4 51.1 25.5 25.5 164.5
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods Nondurable goods Petroleum and products Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherals, and parts Other Automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Other Durable goods Nondurable goods Nondurable goods Nondurable goods Imports of services ¹ Direct defense expenditures Travel	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 81.2 20.1 20.1 20.1 40.2 20.1 40.2 40.2	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 43.2 21.6 149.0	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 21.6 21.6 21.8 43.7 43.2 43.2 44.7	841.7 32.5 116.9 58.8 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 78.9 43.6 21.8 149.3 10.3 43.0	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0 22.0 150.0	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 23.2 158.4 11.0 49.1	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8 24.8 24.8 161.8	972.7 36.2 125.5 61.9 63.6 68.0 398.2 16.7 185.4 223.5 133.4 189.0 96.5 92.4 51.1 25.5 25.5 164.5
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods	749.2 29.3 107.9 53.5 59.3 246.5 9.8 88.7 154.4 114.8 155.1 81.2 73.9 40.2 20.1 141.2 9.1 43.0 28.0 28.0	823.1 32.3 114.2 57.3 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 43.2 21.6 21.6 144.9 10.1 44.6 14.9 27.6	811.7 31.8 112.7 57.1 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 76.7 43.2 21.6 148.8 10.3 44.7 15.0 82.2	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 78.9 43.6 21.8 149.3 10.3	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0 22.0 150.0	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 23.2 158.4 11.0 49.1 15.7 28.1	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8 24.8 11.2 49.9 15.3 28.9	972.7 36.2 125.5 61.9 63.6 68.0 398.2 16.7 185.4 223.5 133.4 189.0 96.5 92.4 51.1 25.5 25.5 164.5
Imports of goods ¹ Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods Nondurable goods Petroleum and products Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherals, and parts Other Automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Other Durable goods Nondurable goods Nondurable goods Nondurable goods Imports of services ¹ Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 81.2 73.9 40.2 20.1 141.2 9.1 43.0 13.9,9 28.0 6.1	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 66.8 76.7 43.2 21.6 149.0 14.9 27.6 6.7	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 21.6 22.6 21.6 24.7 15.0 28.2 26.2	841.7 32.5 116.9 58.8 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 21.8 84.6 21.8 149.3 15.0 28.0 28.0 7.8	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0 150.0 10.0 44.7 15.1 27.4 6.4	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 23.2 23.2 158.4 11.0 49.1 16.7 28.1 6.9	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8 24.8 11.2 49.9 15.3 28.9 7.6	972.7 36.2 125.5 61.9 63.6 68.0 398.2 16.7 185.4 223.5 133.4 189.0 96.5 92.4 51.1 25.5 16.7 50.3 15.5 29.1 7.7
imports of goods ¹ Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods Nondurable goods Petroleum and products Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherals, and parts Other Automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Nondurable goods Nondurable goods Nondurable goods Tirect defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other private services	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 81.2 73.9 40.2 11.2 0.1 141.2 9.1 43.0 13.9 28.0 6.3 54.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 21.6 21.6 149.0 10.1 44.6 39.2 27.6 39.2	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 76.7 421.6 21.6 148.8 10.3 44.7 15.0 28.2 38.6	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 43.6 21.8 21.8 149.3 10.3 343.0 28.0 28.0 39.3	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0 150.0 10.0 44.7 15.1 27.4 64.4 40.3	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 23.2 158.4 11.0 49.1 15.7 28.1 6.9 41.4	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8 11.2 49.9 15.3 28.9 7.6 42.9	972.7 36.2 125.5 61.9 63.6 68.0 398.2 16.7 185.4 223.5 133.4 189.0 96.5 92.4 51.1 1.25.5 25.5 164.5 11.7 50.3 15.5 29.1 7.7 44.0
Imports of goods ¹ Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods Nondurable goods Petroleum and products Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherals, and parts Other Automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Nondurable goods Nondurable goods Tiports of services ¹ Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other Other Consumer goods except Royalties goods Nondurable goods Nondurable goods Nondurable goods Other Durable goods Nondurable goods Other Other services ¹ Direct defense expenditures Travel Direct defense expenditures Other frivate services Other private services Other	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 20.1 20.1 141.2 9.1 43.0 6.1 5.9 28.0 6.5 9.8	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 41.9 21.6 6.7 21.6 6.7 2.7 6.6 6.7 8.7 4.6 6.7 8.7 4.6 6.7 8.7 6.7 8.7 6.7 8.7 6.7 8.7 6.7 8.7 6.7 8.7 6.7 8.7 6.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 76.7 43.2 21.6 21.6 148.8 10.3 44.7 15.0 28.2 6.2 6.2 6.0 6.0	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 78.9 43.6 21.8 21.8 149.3 43.0 28.0 28.0 28.0 28.0 28.0 28.0 28.0 28	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0 150.0 14.7 15.1 27.4 40.3 6.2	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 23.2 158.4 11.0 49.1 15.7 28.1 6.9 41.4 6.3	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8 11.2 49.9 15.3 28.9 7.6 42.6 3	972.7 36.2 125.5 61.9 63.6 68.0 398.2 16.7 185.4 223.5 133.4 189.0 96.5 92.4 51.1 25.5 25.5 164.5 11.7 50.3 15.5 29.1 7.7 44.0 6.4
imports of goods ¹ Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods Nondurable goods Petroleum and products Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherals, and parts Other Automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Nondurable goods Nondurable goods Nondurable goods Nondurable goods Tiravel Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other Other Residual	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 81.2 73.9 40.2 11.2 0.1 141.2 9.1 43.0 13.9 28.0 6.3 54.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 41.9 21.6 6.7 21.6 6.7 2.7 6.6 6.7 8.7 4.6 6.7 8.7 4.6 6.7 8.7 6.7 8.7 6.7 8.7 6.7 8.7 6.7 8.7 6.7 8.7 6.7 8.7 6.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 76.7 43.2 21.6 21.6 148.8 10.3 44.7 15.0 28.2 6.2 6.3 6.6 6.9	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 43.6 21.8 21.8 149.3 10.3 343.0 28.0 28.0 39.3	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0 150.0 14.7 15.1 27.4 40.3 6.2	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 23.2 158.4 11.0 49.1 15.7 28.1 6.9 41.4	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8 11.2 49.9 15.3 28.9 7.6 42.6 3	972.7 36.2 125.5 61.9 63.6 68.0 398.2 16.7 185.4 223.5 133.4 189.0 96.5 92.4 51.1 25.5 25.5 164.5 11.7 50.3 15.5 29.1 7.7 44.0
Imports of goods ¹ Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods Nondurable goods Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherais, and parts Other Automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Nondurable goods Nondurable goods Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other Residual Addenda:	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 141.2 20.1 20.1 141.2 9.1 43.0 6.1 35.4 5.9 9.8 9.8 73.9 9.0 6.1 35.4 5.9 9.8 9.0 6.1 9.0 6.1 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 43.2 21.6 21.6 6.7 39.2 6.0 -22.2	811.7 31.8 112.7 57.1 57.1 57.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 276.7 43.2 21.6 21.6 6.2 38.6 6.2 38.6 6.2	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 78.9 43.6 21.8 21.8 149.3 10.3 43.0 7.8 39.3 6.1 -22.4	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 22.0 22.0 150.0 44.7 15.1 6.4 40.3 6.2 -29.1	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 23.2 158.4 11.0 49.1 15.7 28.1 6.9 41.4 6.3 -37.0	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8 11.2 49.9 15.3 28.9 7.6 42.9 6.3 -47.3	972.7 36.2 125.5 61.9 63.6 68.0 398.2 16.7 185.4 223.5 133.4 189.0 96.5 92.4 51.1 25.5 25.5 164.5 11.7 50.3 15.5 29.1 7.7 44.0 6.4
Imports of goods ¹ Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods Nondurable goods Petroleum and products Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherals, and parts Other Automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Other Durable goods Nondurable goods Nondurable goods Imports of services ¹ Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other Residual Addenda: Exports of agricultural goods ²	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 81.2 20.1 20.1 20.1 35.4 59.3 40.2 20.1 13.9 26.6 5.9 3 10.7 40.2 20.1 20.1 40.0 40.0 40.0 40.0 40.0 40.0 40.0 4	823.1 32.3 114.2 57.3 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 676.7 43.2 21.6 6.7 39.2 6.0 -22.2 48.6	811.7 31.8 112.7 57.1 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 21.6 21.6 21.6 6.0 -19.7 45.4	841.7 32.5 116.9 58.8 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 21.8 21.8 21.8 39.3 6.1 -22.4 46.8	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 22.0 150.0 44.7 15.1 27.4 40.3 6.2 -29.1 51.7	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 158.4 11.0 49.1 15.7 28.1 6.9 41.4 6.3 -37.0	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 49.6 24.8 11.2 49.9 15.3 28.9 7.6 42.9 6.3 47.2	972.7 36.2 125.5 61.9 63.6 68.0 398.2 16.7 185.4 223.5 133.4 189.0 96.5 92.4 51.1 25.5 25.5 11.7 50.3 15.5 29.1 44.0 6.4 -57.7 48.9
Imports of goods ¹ Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods Nondurable goods Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherais, and parts Other Automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Nondurable goods Nondurable goods Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other Residual Addenda:	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 141.2 20.1 20.1 141.2 9.1 43.0 6.1 35.4 5.9 9.8 9.8 73.9 9.0 6.1 35.4 5.9 9.8 9.0 6.1 9.0 6.1 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 42.1 6.0 10.1 14.6 6.7 27.6 6.0 -22.2 48.6 581.3	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 76.7 421.6 21.6 148.8 10.3 44.7 15.0 28.2 38.6 6.0 -19.7	841.7 32.5 116.9 58.8 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 21.8 21.8 21.8 39.3 6.1 -22.4 46.8	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0 150.0 15.1 27.4 6.2 -29.1 51.7 616.0	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 84.9 46.4 23.2 23.2 158.4 11.0 49.1 15.7 28.1 6.3 -37.0 47.7 641.6	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8 11.2 49.9 15.3 28.9 7.6 42.9 6.3 47.2 682.8	972.7 36.2 125.5 61.9 63.6 68.0 398.2 16.7 185.4 223.5 133.4 189.0 96.5 92.4 51.1 1.7 50.3 15.5 29.1 7.7 44.0 6.4 -57.7 48.9 690.8

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 welgists of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line following the detail for exports is the difference between the aggregate exports of goods and services" and the sum of the detailed lines for exports of goods and export of services. The residual line following the detail for imports is the difference between the aggregate "imports of goods and services" and the detailed lines for imports of goods and imports of services. See footnotes to table 4.3.

5. Saving and Investment

Table 5.1.—Gross Saving and Investment

[Billions of dollars]

			Seasonally adjusted at annual rates						
	1995	1996		1996		1997			
			li	III	ΙV	1	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 Personal saving Undistributed corporate profits with inventory valuation and capital consumption adjustments Undistributed profits Inventory valuation adjustment Capital consumption adjustment Corporate consumption of fixed capital	1,093.1 254.6 172.4 145.0 -24.3 51.6 428.9	202.1 142.8 -2.5	225.7 202.6 146.4 -5.4 61.6	254.0 202.3 141.8 -2.7 63.2	220.4 212.6 144.9 3.3 64.4		247.0 217.6 142.3	211.1 7.8 70.4	
Noncorporate consumption of fixed capital	224.1 13.1	230.5 1.1	228.3	232.2		238.0 1.2			
Gross government saving Federal Consumption of fixed capital Current surplus or deficit (-), national income and product accounts State and local Consumption of fixed capital Current surplus or deficit (-), national income and product accounts	-174.4 176.0 72.9	-39.2 71.2 -110.5	-111.6 190.2 75.8	150.8 -28.3 71.2 -99.5 179.1 76.5 102.6	-5.9 71.3 -77.1 177.5 77.2	78.2	184.1 79.2	71.6	
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 Gross government investment Net foreign investment	1,038.2 213.4 -114.4	224.3		223.6	225.3		227.4		
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]

			Seasonally adjusted at annual rates								
	1995	1996		1996			1997				
			It	111	١٧	1	H	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 Utilities Mining exploration, shafts,	143.8 33.2	159.8 33.3	155.5 32.9	162.5 32.7	171.2 34.1	174.0 32.0	172.1 33.7	179.3 33.4			
and wellsOther structures	16.3 7.3	16.1 6.2					15.6 5.5	16.1 5.8			
Producers' durable equipment	522.4	566.2	558.7	580.9	580.2	583.9	609.5	636.5			
related equipment	172.8	195.1	190.9	201.1	200.3	202.8	208.4	218.7			
peripheral equipment ¹ OtherIndustrial equipment Transportation and related	65.6 107.2 121.5		76.8 114.1 129.2	80.9 120.3 128.2	81.0 119.3 127.9		84.5 123.9 134.9	87.5 131.2 137.7			
equipment	125.7 102.4	134.5 109.1	130.8 107.9	140.0 111.5		137.7 115.7	147.1 119.1	157.3 122.7			
Residential	285.1	309.2	312.7	313.5	312.0	316.2	324.6	329.5			
Structures Single family Multifamily Other structures	277.8 145.2 17.9 114.8	301.7 159.1 20.3 122.3	160.2 21.7		160.6 20.1	308.3 161.0 21.9 125.3	316.7 162.5 23.0 131.2	321.5 163.6 22.2 135.8			
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]

			Seasonally adjusted at annual rates								
	1995	1996		1996			1997				
		!	ij	111	IV	- 1	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 Utilities	128.8 30.0	140.0 29.3	137.0 29.1	141.7 28.7	148.4 29.5	150.1 27.5	147.1 28.7	151.7 28.2			
Mining exploration, shafts, and wells Other structures	14.3 6.7	13.9 5.5	13.9 5.4	14.1 5.4	13.8 5.1	13.6 4.6	13.0 4.7	13.3 5.0			
Producers' durable equipment	528.3	586.0	577.1	602.9	606.7	616.6	649.3	682.6			
related equipment	201.8	253.1	244.8	264.3	270.4	281.4	296.9	319.3			
Computers and peripheral equipment ¹ Other	102.8 107.0 113.4	160.8 116.3 117.0	152.0 114.0 118.8	120.3	119.3	195.8 121.5 116.8	124.4	238.4 131.5 125.8			
Transportation and related equipment Other	118.9 97.0	125.0 100.8	121.8 100.1	129.5 102.8	129.7 102.5	127.5 106.1	136.0 109.1	144.5 112.6			
Residential	257.0	272.1	277.2	274.1	271.1	273.3	278.2	280.2			
Structures Single family Multifamily Other structures	250.0 126.9 16.9 106.7	265.0 136.6 18.6 110.2	270.0 138.6 20.2 111.7	266.9 138.3 17.5 111.5	263.9 136.2 18.0 110.0	265.9 136.2 19.6 110.5	270.8 136.5 20.4 114.4	272.6 136.2 19.5 117.5			
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			

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.

Other ...

Durable goods Nondurable goods

Table 5.10.—Change in Business Inventories by Industry
[Billions of dollars]

Seasonally adjusted at annual rates 1995 1996 1996 1997 Ш I۷ П Ш Change in business inventories 30.1 25.9 23.4 37.1 31.9 66.1 81.1 53.0 Farm 7.8 -7.9 2.9 6.2 5.8 3.2 3.9 6.2 23.0 28.2 -5.1 62.2 44.5 17.7 74.9 57.5 17.4 38.1 67.2 17.2 22.0 31.3 33.8 -2.4 45.3 38.5 Nonfarm ... 32.6 -29.2 -3.9 6.8 8.4 5.8 2.6 22.3 12.9 9.3 30.9 19.1 11.8 Manufacturing ... 15.3 14.4 13.3 6.8 6.4 10.6 22.0 Durable goods Nondurable goods 5.1 3.3 2.5 .8 26.0 23.5 2.4 13.4 11.7 10.1 -5.5 15.6 24.3 15.4 8.9 Wholesale trade 4.1 -2.8 11.1 Durable goods Nondurable goods 1.7 Merchant wholesalers

Durable goods

Nondurable goods

Nonmerchant wholesalers 3.6 3.1 .5 1.2 1.0 11.7 18.9 18.4 6.6 2.4 1.9 .5 .9 .6 12.3 6.6 5.4 3.1 2.3 -3.2 14.8 -1.6 -2.3 10.1 18.6 -3.3 9.9 1.7 .5 1.2 7.6 4.9 2.7 1.2 Durable goods Nondurable goods 1.7 21.2 14.6 11.9 2.7 6.6 1.1 -3.3 -5.3 2.0 4.4 9.3 6.9 4.6 8.1 9.1 5.3 3.9 4.1 1.9 8.3 2.4 -4.0 6.4 5.9 8.3 8.0 5.7 2.3 .2 1.6 3.5 2.3 -2.9 4.2 -.8 2.3 2.4 Nondurable goods -1.1

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

7.0 5.0 3.8

2.5 -.5 2.9 15.2 9.8 2.1 1.8 13.0 8.0

6.7

2.6 4.1

4.3 .8

Table 5.11.—Real Change in Business Inventories by Industry
[Billions of chained (1992) dollars]

			Sea	sonally	adjuste	ed at ar	nual ra	ites
	1995	1996		1996			1997	
			=	III	IV	ı	II	111
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 Durable goods Nondurable goods	7.8 5.5 2.3	9.9 9.7 .4	.6 4.6 -3.7	14.3 13.8 .8	12.3 6.6 5.7	20.9 12.3 8.5	29.0 18.2 10.8	20.7 16.2 4.7
Wholesale trade Durable goods Nondurable goods	12.7 11.3 1.5	4.0 2.4 1.6	5.5 3.9 1.7	-5.0 4.5 -9.0	9.4 -5.2 13.9	22.9 14.8 8.1	24.6 22.7 2.3	7.9 -2.7 10.2
Merchant wholesalers	10.6 9.6 1.1 2.1 1.6	3.2 1.8 1.3 .8 .6	1.5 1.1	5.9.9.7.9.5.9. -5.9.7.9.5.9.	10.9 -3.0 13.3 -1.5 -2.3 .6	17.8 11.8 6.0 5.1 3.0 2.1	17.5 17.9 1 7.2 4.8 2.5	6.2 -3.1 9.0 1.6 .5
Retail trade	8.8 6.3 4.1 2.2 2.3	4.0 1.7 -1.4 3.3 2.3	8.3 4.6 3.6 8	20.0 13.3 10.6 2.5 6.5	.9 -3.0 -4.7 1.8 4.1	-2.5 3.9 7	7.7 2.0 -3.7 5.9 5.8	7.8 7.4 5.2 2.2 .3
Other	6.5 4.1 2.3 1.0	4.5 2.1 2.4 4	3.4 .1 3.4 3	2.3 4 2.8 7	3.9 .7 3.2	1.8	8.9 1.5 7.5 –1.0	6.1 2.3 3.9

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-follar 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

	s	easonal	ly adjust	ed quart	erly total	s
		1996			1997	
	li	HI	IV	ı	11	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		1,198.9	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		514.5		526.2
Manufacturing	432.5	436.3		443.3	448.0	
Durable goods	268.4	271.4		277.0		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		
Merchant wholesalers	261.5	257.9	258.6	263.4		
Durable goods	160.7	161.9	160.7	163.9		
Nondurable goods	100.8	96.0	97.9	99.5	98.2	102.2
Nonmerchant wholesalers	41.7 24.6	42.4 24.8	42.3 24.1	42.8 24.9		45.1 26.1
Durable goodsNondurable goods	17.1	17.6	18.1	17.9	26.1 18.2	18.9
¥						
Retail trade	306.0 164.9	312.5 168.8	313.0 167.7	313.3 168.7	313.2 167.7	316.3 169.6
Durable goods	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	323.3	300.1	372.0	330.0	330.2	303.3
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
	L "''					

^{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]

	8	Seasonally adjusted quarterly							
		1996			1997				
	II	III	١٧	ŀ	11	III			
Inventories 1	1,191.2		I '	l '	1,244.2	· ·			
Farm	99.3	100.9	102.5	103.8	105.7	108.0			
Nonfarm	1,091.4	1,099.3			1,138.0				
Durable goods	626.5	634.3	634.0	641.5		658.3			
Nondurable goods	464.8		1	478.8		490.2			
Manufacturing	403.0 255.9	406.6 259.3	409.7 260.9	414.9 264.0	422.1 268.6	427.3 272.6			
Durable 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		17.4			
Retail trade	287.4	292.4	292.7	292.8 152.7	294.7 153.2	296.7 155.1			
Durable goods	149.8 73.0	153.2 75.7	152.4 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		141.3			
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	4.07		4.07	4.00	4.40				
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 quantity index see weights of more corresponding series, divided by 100. Because the formula for the chain-type quantity indexes 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]

			Seasonally adjusted at annual rates									
	1995	1996		1996			1997					
			18	III	IV	1	- 11	Ш				
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 45.0 266.7	105.6 46.9 285.2	104.8 47.8 283.3	109.0 46.9 286.9	45.0	48.2	49.2					
Manufacturing Durable goods Nondurable goods	1,069.2 608.2 461.0	634.5		642.7	639.4	651.0	669.7					
Transportation and public utilities	440.7 184.4 128.5 127.8		191.3 137.0	194.6 137.0	192.3 133.1	199.6 135.5	203.0 135.2					
Wholesale trade	325.4 480.1 1,024.4 1,318.1	503.7 1,095.3	340.0 503.9 1,091.2 1,396.6	506.8 1,111.5	512.3 1,116.5	527.7 1,168.9	533.0 1,185.0					
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]

			Seasonally adjusted at annual rates							
	1995	1996		1996			1997			
: -			11	11 111		1	=	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			
FinancialNonfinancial	88.7 474.6	94.2 545.8	102.4 542.8	94.6 553.3	78.5 561.7	106.8 575.4	107.7 586.7			
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 Less: Payments to the rest of the world	120.2 33.5	132.7 36.7	128.9 35.7	133.4 41.6	142.6 35.0	139.9 42.5	148.3 47.5			
Corporate profits with inventory valuation adjustment	598.4	674.1	676.8	676.4	683.4	711.9	725.7			
Pomestic industries Financial Federal Reserve banks Other Other Nonfinancial Manufacturing Durable goods Primary metal industries Fabricated metal products Industrial machinery and equipment Electronic and other electric equipment Motor vehicles and equipment Other Nondurable goods Food and kindred products Chemicals and allied products Petroleum and coal products Other Transportation and public utilities Transportation Communications Electric, gas, and sanitary services Wholesale trade	511.7 97.6 22.2 75.4 414.1 181.3 85.2 6.5 12.4 22.0 19.2 25.3 80.0 27.1 30.3 6.0 86.4 11.4 33.6 44.4 26.9	578.2 103.5 22.0.5 81.5 474.7 205.5 99.0.6 17.1 25.8 23.9 22.8 10.08 51.7 11.7 36.0 43.3 36.0 43.3	89.6 472.0 204.8 98.9 4.4 16.2 25.9 21.7 30.8 105.8 32.4 12.5 96.0 12.5 37.3 46.9 30.8	22.0 82.0 480.7 210.5 102.9 7.0 18.0 25.6 25.2 -1.5 28.6 107.7 28.8 31.5 10.0 37.6 40.6 37.7	99.7 5.1 18.1 24.6 29.6 -8.3 30.6 109.9 34.2 28.9 90.5 11.4 34.8 44.3 47.4	116.5 22.8 93.7 498.0 2101.3 3.9 17.4 24.0 31.4 -1.3 28.0 28.0 28.0 28.0 28.0 33.8 44.0	23.2 94.3 507.4 221.0 111.8 5.6 18.4 27.8 33.3 -3.5 30.2 28.2 29.9 10.3 40.8 89.6 16.4 49.5			
Retail trade Other	41.9 77.6 86.7	48.9 90.3 95.9	50.6 89.7 93.3	50.6 90.6 91.8	48.3 91.9 107.5	55.1 94.2 97.4	92.4			
nest of the world	00./	90.9	30.0	A1.0	107.5	91.4	100.8	l		

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

7. Quantity and Price Indexes.

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

[Index numbers, 1992=100]

				Se	easonally	adjuste	d						Se	easonally	adjuste	d	
	1995	1996		1996			1997			1995	1996		1996			1997	
			II		IV	ı	11	III				=	III	١٧	1	11	===
Gross domestic product: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator Personal consumption	116.35 107.97 107.76 107.76	110.95	121.83 110.92 109.86 109.84	122.93 111.20 110.59 110.54	124.80 112.38 111.10 111.05	111.78	112.27	112.00	Exports of goods and services: Current dollars	128.00 123.74 103.44 103.44	136.19 134.03 101.61 101.61	132.53 102.14	135.07 133.15 101.47 101.44	141.48 140.92 100.35 100.39	144.22 144.30 99.90 99.95	150.18 150.53 99.72 99.77	151.53 152.59 99.27 99.31
expenditures: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	108.90 107.89	111.71 110.47	122.97 111.67 110.13 110.12	111.81 110.80	112.72 111.61	114.18 112.21	114.45 112.49	116.05 112.89	Exports of goods: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	130.13 127.91 101.74 101.74	137.63 140.05 98.27 98.27	136.82 138.00 99.24 99.14	135.89 138.85 97.89 97.86	142.75 148.48 96.06 96.14	146.26 152.94 95.55 95.63	153.78 161.76 94.99 95.07	154.82 163.98 94.33 94.41
Durable goods: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	124.57 119.46 104.27 104.27	129.88 125.09 103.83 103.83	125.84 103.89	129.87 125.25 103.72 103.69	130.64 126.32 103.45 103.41	134.77 130.55 103.27 103.24	128.75 102.50	133.83 101.75	Exports of services: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	122.97 114.27 107.61 107.61	132.81 120.51 110.21 110.21	131.64 120.19 109.53 109.53	133.14 120.28 110.70 110.70	138.49 124.14 111.55 111.56	125.27 111.29	141.70 126.25 112.23 112.24	127.95 112.38
Nondurable goods: Current dollars	111.65 106.86 104.48 104.48	108.36 107.15	108.30 107.04	116.38 108.48 107.29 107.28	118.03 109.03 108.26 108.25	120.09 110.29 108.90 108.89	108.89	110.97 109.24	Imports of goods and services: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	135.20 133.05 101.62 101.62	144.36 145.22 99.41 99.40	143.32 143.51 99.83 99.87	146.14 148.03 98.76 98.73	148.47 150.48 98.75 98.66	152.63 156.80 97.42 97.34		160.89 169.76 94.86 94.77
Current dollars	119.25 107.89 110.53 110.53	113.76	125.27 110.67 113.20 113.19	114.29	115.26	116.02	116.70	117.39	Imports of goods: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	139.04 137.50 101.12 101.12	148.49 151.06 98.30 98.29	147.37 148.97 98.88 98.92	150.53 154.49 97.47 97.44	153.18 157.37 97.42 97.34	157.07 163.58 96.11 96.02	161.53 172.24 93.87 93.78	166.22 178.53 93.19 93.10
Investment: Current dollars Chain-type quantity index Implicit price deflator	131.34 125.44 104.71 104.70	135.26 104.50	134.00 104.31	104.63	145.63 139.77 104.50 104.19	104.23	104.07	104.08	Imports of services: Current dollars	118.38 113.82 104.01 104.01	126.23 120.06 105.13 105.13	125.55 119.94 104.68 104.68	126.89 120.29 105.50 105.49	127.76 120.90 105.69 105.68	104.31	130.41	137.49 132.51 103.77 103.76
Fixed investment: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	128.67 122.81 104.78 104.77	139.22 132.97 104.70 104.70	132.20 104.50		136.41 104.75	143.91 137.73 104.52 104.49	104.47	104.55	Government consumption expenditures and gross investment: Current dollars	107.26 99.06	99.54		99.83	112.54 99.85	99.74	114.66 100.50	100.75
Nonresidential: Current dollarsChain-type quantity index Chain-type price index Implicit price deflator	129.60 126.65 102.33 102.33	101.26	136.19 101.29	143.15 141.48 101.21 101.18	143.54 100.82	145.43 145.00 100.31 100.29	149.90 150.03 99.93 99.91		Chain-type price index	108.28 108.28 96.51 89.08	111.83 111.83 98.49 87.92	111.23 111.22 99.37 89.15	112.07 112.04 98.79 88.21	112.76 112.71 98.03 87.04	113.74 113.69 97.75 85.76	114.09 99.64	
Structures: Current dollars	118.57	127.22	124.47	128.66	134.16	134.40	134.05	138.66	Chain-type price index Implicit price deflator	108.34 108.34	112.03 112.02	111.47 111.46	112.05 111.99	112.74 112.62	114.10 113.98	114.46	114.63 114.51
Chain-type quantity index Chain-type price index Implicit price deflator	106.35 111.49 111.49	111.51 114.09 114.09	109.68 113.50 113.48	114.58	116.40 115.30 115.26	116.11	117.23	118.39	National defense: Current dollars Chain-type quantity index Chain-type price index	91.70 85.84 106.83	93.87 84.56 111.02	95.09 86.01 110.58	94.41 85.00 111.16	93.29 83.44 111.94	91.37 80.86 113.14	113.46	93.60 82.55 113.53
Producers' durable equipment: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	134.40 135.91 98.89 98.89	145.67 150.77 96.62 96.62	143.74 148.48 96.84 96.81	149.45 155.10 96.38 96.36	149.27 156.09 95.65 95.63	150.23 158.63 94.72 94.70	156.80 167.05 93.88 93.86	163.75 175.61 93.26 93.25	Implicit price deflator Nondefense: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	106.83 108.39 96.88 111.88 111.88	111.02 109.90 96.01 114.47 114.47	110.56	109.58 95.93 114.25	111.80 109.72 95.69 114.72 114.66	113.52 97.54 116.44	115.31 98.71 116.87	
Residential: Current dollars	126.39 113.94 110.93 110.93	137.10 120.64 113.64	138.64 122.91 112.80	138.97 121.51 114.37	138.33 120.18 115.10	140.16 121.17 115.68	143.90 123.36 116.65	146.09	State and local: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	114.97 106.23 108.24	120.51 107.88	119.92 107.97 111.08	121.22 108.17 112.07	122.96 109.04 112.77	124.63 109.78 113.54	125.44 110.10 113.95 113.94	126.73 110.70 114.49

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

dollar output multiplied by 100.

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

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

[Index numbers, 1992=100]

				Ş	easonally	adjuste	d	
	1995	1996		1996			1997	
			11	111	IV	I	ll	(1)
Gross domestic product: Current dollars Chain-type quantity index Implicit price deflator	116.35 107.97 107.76 107.76	122.29 110.95 110.22 110.21	121.83 110.92 109.86 109.84	111.20	124.80 112.38 111.10 111.05	113.73 111.78	114.66 112.27	
Final sales of domestic product: Current dollars	116.00 107.62 107.79 107.79	122.01 110.64 110.28 110.28	121.59 110.66 109.91 109.88		124.43 111.93 111.17 111.16	112.77 111.85	113.47 112.37	129.52 114.86 112.77 112.77
Gross domestic purchases: Current dollars	117.17 108.98 107.52 107.52		109.50	112.77	113.46 110.79	115.09	116.14	117.45 111.89
Final sales to domestic purchasers: Current dollars	116.82 108.63 107.54 107.54	109.91	122.52 111.86 109.54 109.53	123.71 112.28 110.20 110.18	113.02 110.85	114.14		116.66 111.99
Addenda: Chain-type price indexes for gross domestic purchases: Food	106.38 101.92	107.01	108.76 107.91	106.72	109.23	110.89	111.79 105.91	106.11
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 Chain-type quantity index Chain-type price index Implicit price deflator	107.88	110.81 110.19	121.66 110.78 109.83 109.82	110.95	112.27 111.06	113.37 111.73	114.21 112.22	
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	

 $\label{eq:Note-Percent} \mbox{Note.--Percent changes from preceding period for selected items in this table are shown in table 8.1.$

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

[Index numbers, 1992=100]

				Se	easonally	adjuste	d	
	1995	1996		1996			1997	
			II	Ш	IV	ı	11	111
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 Furniture and household	110.96	111.82	113.23	111.06	110.19	112.83	107.82	113.72
equipment Other	131.20 116.10	142.35 122.72	142.54 122.87	143.80 122.66	146.18 125.98	151.75 131.48	154.35 129.70	159.99 131.66
Nondurable goods	106.86	108.36	108.30	108.48	109.03	110.29	109.70	110.97
Food Clothing and shoes Gasoline and oil Fuel oil and coal Other	104.63 114.19 106.12 96.27 107.06	104.51 118.70 107.02 97.19 110.16	104.59 118.99 107.43 95.34 109.50	104.14 120.09 107.01 96.86 110.55	104.39 119.73 107.69 94.75 112.37	105.25 122.88 107.56 86.25 114.07	104.28 121.39 108.95 92.53 113.98	104.40 125.17 109.84 98.61 116.03
Services	107.89	110.86	110.67	110.93	111.99	113.05	114.13	115.29
Housing	106.40 113.97 107.93 118.44 117.16 104.38 108.37	108.25 116.65 110.55 121.17 123.11 106.42 112.64	108.02 117.64 112.32 121.60 122.64 106.11 112.27	108.48 115.15 107.74 120.61 123.64 106.67 112.84	108.97 117.51 110.47 122.71 124.64 107.81 113.91	109.52 116.02 106.82 122.79 126.10 108.93 116.15	110.09 118.51 110.55 124.38 127.14 109.61 117.59	110.66 119.83 111.44 126.02 129.10 110.46 119.32
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 Furniture and household	110.99	112.95	112.70	113.15	113.55	113.84	113.26	112.55
equipment Other	96.67 106.04	93.71 106.48	94.04 106.53	93.38 106.26	92.50 106.14	91.84 106.22	90.84 105.64	89.69 105.85
Nondurable goods	104.48	107.15	107.04	107.29	108.26	108.90	108.89	109.24
Food	106.46 98.90 101.16 97.23 105.86	98.75	108.98 99.00 109.77 108.68 108.09	110.20 98.08 106.47 105.69 108.57	111.27 98.56 109.83 116.17 108.67	111.65 99.29 112.13 116.49 109.21	112.09 100.37 104.77 108.78 110.08	113.02 99.68 106.32 104.55 109.87
Services	110.53	113.76	113.20	114.29	115.26	116.02	116.70	117.39
Housing Household operation Household operation Other household operation Transportation Medical care Other	109.02 106.28 103.92 107.97 109.68 114.50 110.07	117.43	112.00 108.73 105.87 110.75 111.76 117.07 112.76	112.85 109.63 106.92 111.55 112.43 117.72 114.63	113.60 110.32 107.73 112.16 114.15 118.62 115.76	114.42 111.37 109.66 112.63 114.88 119.41 116.33	107.98 113.21 116.14 119.88	120.27
Addenda: Price indexes for personal consumption expenditures: Food	106.46 102.30	109.63 106.96	108.98 107.82	110.20 106.63	111.27 109.07	111.65 111.11	112.09 106.47	113.02 107.12
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 1996 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997 1997	156.62 117.17 134.03 81.70 99.90 60.57 175.61 237.98 542.47 145.71 140.82 167.68 142.54 124.21 124.21 116.88 148.94
Chain-type quantity indexes	146.62 156.62 117.17 134.03 81.70 99.90 60.57 175.61 237.98 542.47 145.71 140.82 167.68 142.54 124.21 124.17 116.88 148.94
Private fixed investment	156.62 117.17 134.03 81.70 99.90 60.57 175.61 237.98 542.47 145.71 140.82 167.68 142.54 124.21 124.21 116.88 148.94
Investment 122.81 132.97 132.20 135.42 136.41 137.73 141.86	156.62 117.17 134.03 81.70 99.90 60.57 175.61 237.98 542.47 145.71 140.82 167.68 142.54 124.21 124.21 116.88 148.94
Nonresidential 126.65 138.33 136.19 141.48 143.54 145.00 150.03	156.62 117.17 134.03 81.70 99.90 60.57 175.61 237.98 542.47 145.71 140.82 167.68 142.54 124.21 124.21 116.88 148.94
Nonresidential buildings, including farm 113.81 123.67 121.08 125.22 131.15 132.58 129.98 38.07 Mining exploration, shafts, and wells 107.86 104.18 104.36 106.20 103.54 102.45 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.4	134.03 81.70 99.90 60.57 175.61 237.98 542.47 145.71 140.82 167.68 142.54 124.21 124.17 116.88 148.94
Including farm 13.81 123.67 121.08 125.22 131.15 132.58 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.99 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129.98 129	81.70 99.90 60.57 175.61 237.98 542.47 145.71 140.82 167.68 142.54 124.21 124.21 116.88 148.94
Mining exploration, shafts, and wells 107.86 104.18 104.36 106.20 103.54 102.45 97.40 66.68 66.10 65.30 61.90 55.98 57.50	99.90 60.57 175.61 237.98 542.47 145.71 140.82 167.68 142.54 124.21 124.21 124.21 116.88 148.94
Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Structures Str	60.57 175.61 237.98 542.47 145.71 140.82 167.68 142.54 124.21 124.17 116.88 148.94
135.91 150.77 148.48 155.10 156.09 158.63 167.05	237.98 542.47 145.71 140.82 167.68 142.54 124.21 124.21 116.88 148.94
Information processing and related equipment	237.98 542.47 145.71 140.82 167.68 142.54 124.21 124.21 116.88 148.94
Computers and peripheral equipment 233.89 365.81 345.83 386.78 414.95 445.54 491.73 118.57 128.90 126.35 133.29 132.21 134.66 137.85 138.25 138.27 134.66 137.85 138.25 138.27 134.66 137.85 138.25 138.27 134.68 137.85 138.25 138.27 134.68 137.85 138.25 138.27 138.25 138.27 138.25 138.27 138.25 138.27 138.25 138.27 138.25 138.27 138.25 138.27 138.27 138.25 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27 138.27	542.47 145.71 140.82 167.68 142.54 124.21 124.17 116.88 148.94
Other Industrial equipment 118.57 128.90 126.35 133.29 132.21 134.66 137.85 Industrial equipment 126.96 131.01 133.01 131.64 130.91 130.81 138.25 Transportation and related equipment 126.66 127.58 126.68 130.11 129.66 137.79 157.79 Other 122.66 127.58 126.68 130.11 129.66 134.23 138.07 Residential 113.94 120.64 122.91 121.51 120.18 121.17 123.36 Structures 113.94 120.71 123.01 121.59 120.21 121.13 123.36 Single family 108.94 117.22 118.96 118.75 124.26 123.96 122.23 122.86 127.25 Producers' durable equipment 115.09 118.12 119.04 118.83 119.28 122.83 123.91 Chain-type price indexes Private fixed investment 104.78 104.70 104.50 104.85 104.75	145.71 140.82 167.68 142.54 124.21 124.17 116.88 148.94
Industrial equipment	167.68 142.54 124.21 124.17 116.88 148.94
equipment 137,98 145,10 141,33 150,25 150,25 150,56 147,92 157,79 Other 122,68 122,68 126,68 130,11 129,66 134,23 138,07 Residential 113,94 120,64 122,91 121,51 120,18 121,17 123,36 Structures 113,91 120,71 123,01 121,59 120,21 121,13 123,36 Single family 108,94 117,22 118,96 118,73 116,95 116,95 116,95 117,14 Multifamily 129,13 142,27 153,96 133,41 137,49 149,84 156,03 Other structures 118,66 122,54 124,26 123,96 122,33 122,86 127,25 Producers' durable equipment 115,09 118,12 119,04 118,83 119,28 122,83 123,91 Chain-type price indexes 104,78 104,70 104,50 104,85 104,75 104,52 104,47 Nonresidential 102,33 101,26 101,29 101,21 100,82 100	142.54 124.21 124.17 116.88 148.94
Structures	124.21 124.17 116.88 148.94
Single family	116.88 148.94
Multifamily	148.94
Producers' durable equipment	
equipment 115.09 118.12 119.04 118.83 119.28 122.83 123.91 Chain-type price indexes Private fixed investment 104.78 104.70 104.50 104.85 104.75 104.52 104.47 Nonresidential 102.33 101.26 101.29 101.21 100.82 100.31 99.93 Structures 111.49 114.09 113.50 114.58 115.30 116.11 117.23 Nonresidential 115.09 116.11 117.23 116.11 117.23 Nonresidential 115.09 116.11 117.23 116.11 117.23 Nonresidential 115.09 116.11 117.23 116.11 117.23 Nonresidential 115.09 116.11 117.23 116.11 117.23 Nonresidential 115.09 116.12 116.04 118.83 119.28 122.83 123.91 Nonresidential 104.70 104.50 104.85 104.75 104.52 104.47 Nonresidential 115.09 116.12 116.04 118.83 119.28 122.83 123.91 Nonresidential 104.70 104.50 104.85 104.75 104.52 104.47 Nonresidential 115.09 116.12 104.75 104.50 104.85 104.75 104.52 104.47 Nonresidential 115.09 116.12 106.85 104.75 104.52 106.85 Nonresidential 115.09 116.12 106.85 104.75 104.52 106.85 Nonresidential 115.09 116.12 106.85 106.85 106.85 Nonresidential 115.09 116.12 106.85 106.85 Nonresidential 115.09 116.12 106.85 106.85 Nonresidential 115.09 116.12 106.85 106.85 Nonresidential 115.09 116.85 106.85 106.85 Nonresidential 115.09 116.85 106.85 106.85 Nonresidential 115.09 116.85 106.85 106.85 Nonresidential 115.09 116.85 116.85 Nonresidential 115.85 115.85 Nonresidential 115.85 115.85 Nonr	130.65
Private fixed investment	126.01
investment	
Structures	104.55
Nonresidential buildings,	99.72
including form	118.39
including farm	
Mining exploration, shafts,	
and wells	
Producers' durable 98.89 96.62 96.84 96.38 95.65 94,72 93.88	93.26
Information processing and	
Computers and	
peripheral equipment 63.84 48.98 50.11 47.21 44.10 41.47 38.81 Other 100.21 100.04 100.10 100.02 100.07 99.65 99.67	99.82
Industrial equipment	1
equipment	
Residential	117.62
Structures	
Multifamily 105.80 109.10 107.85 110.17 111.69 111.87 112.73	113.74
Other structures	115.60
equipment	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]

				S	easonally	adjuste	d	
	1995	1996		1996			1997	
			lŧ	111	IV	1		III
Chain-type quantity indexes								
Exports of goods and services Goods ¹ Durable Nondurable Services ¹	127.91 136.66 111.02 114.27	140.05 153.97 114.40 120.51	138.00 152.58 111.30 120.19	153.17 112.57 120.28	148.48 164.19 119.77 124.14	152.94 171.81 119.12 125.27	161.76 184.74 121.23 126.25	163.98 187.25 122.94 127.95
Receipts of factor income	150.59	155.36	150.91	155.79	163.87	162.90	171.33	
Imports of goods and services Goods 1 Durable Nondurable Services 1	133.05 137.50 147.71 119.57 113.82	145.22 151.06 164.50 127.78 120.06	143.51 148.97 161.60 126.96 119.94	148.03 154.49 168.17 130.74 120.29		156.80 163.58 182.08 132.70 127.64	164.30 172.24 190.72 141.15 130.41	178.53 199.36 143.87
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 Goods 1 Durable Nondurable Services 1	103.44 101.74 95.89 115.55 107.61	101.61 98.27 90.93 116.09 110.21	102.14 99.24 91.57 117.87 109.53	97.89 90.21 116.61 110.70	96.06 96.77 113.78 111.55	99.90 95.55 88.13 113.67 111.29	99.72 94.99 87.43 113.55 112.23	99.27 94.33 86.67 113.27 112.38
Receipts of factor income	107.28	109.36	109.11	109.56	110.08	110.49	110.73	
Imports of goods and services Goods ¹ Durable Nondurable Services ¹ Payments of factor income	101.62 101.12 99.71 104.24 104.01 108.39	99.41 98.30 93.63 108.65 105.13	99.83 98.88 94.54 108.49 104.68	97.47 92.74 107.94 105.50	97.42	97.42 96.11 89.31 111.27 104.31	95.52 93.87 88.36 105.99 104.37	94.86 93.19 87.62 105.46 103.77

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]

							[Ind	ex numbe	rs, 1992=100]								
				Se	easonally	adjuste	d						Se	asonally	adjuste	d	
	1995	1996		1996			1997			1995	1996		1996			1997	
			Н	111	IV	1	=	=				li	111	IV	ı	Ħ	===
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	Chain-type price indexes Exports of goods and services	103.44	101.61	102,14	101 47	100.35	99.90	99.72	99.27
Exports of goods 1	127.91	140.05	138.00	138.85	148.48	152.94		1	Exports of goods 1	101.74	98.27	99.24	97.89	96.06	95.55	i	94.33
Foods, feeds, and beverages	110.26	109.04	102.23	106.22	117.01	107.05			Foods, feeds, and beverages	113.49	126.27	133.86		117.48			115.63
Industrial supplies and materials	110.83	116.02	114.10	115.44	120.53	121.51	127.10	128.91	Industrial supplies and materials	121.32	115.72	115.62	115.05	115.29	115.52	115.36	115.70
Durable goods Nondurable goods	114.81 108.73	121.61	121.24		125.69	127.44 118.39	133.28	133.61	Durable goodsNondurable goods	117.82 123.27	113.74 116.78	114.56	112.30	112.12	113.19	113.30	113.33
Capital goods, except									Capital goods, except								
automotive Civilian aircraft, engines,	149.65				191.52	202.24			automotive Civilian aircraft, engines,	88.73	81.56		80.68	78.60	77.42		75.25
and parts Computers, peripherals, and	63.20	71.59	1		84.26	89.29			and parts Computers, peripherals, and	109.60		113.35	114.97	115.70			118.93
parts Other	231.13 164.91	337.98 185.57	326.95 181.01	348.56 184.71	371.25 198.17	425.35 205.08		568.37 228.36	parts Other	59.65 92.97	44.97 87.85	45.84 88.68	43.23 87.16	40.46 85.25	37.77 84.49	35.06 84.28	32.60 83.94
Automotive vehicles, engines, and parts	127.48		131.08		136.33			151.60	Automotive vehicles, engines, and parts		104.25	104.13	1	104.53			
Consumer goods, except									Consumer goods, except		ľ						
automotive Durable goods	121.60		130.46 130.61	129.81	135.65 138.38	138.59		145.19	automotive Durable goods	102.91 101.52	104.27 102.71	104.25 102.75	102.86	104.53 102.92	103.38	104.86 103.75	103.81
Nondurable goods Other	121.88 105.54	130.37 109.60	130.29 111.59	109.92	132.80 114.59	122,19	142.95 131.33	129.33	Nondurable goods Other	104.40 105.79	105.95 103.61	105.87 104.52	103.38	106.27 101.61	106.32 101.12		106.53 100.42
Durable goods Nondurable goods	105.54 105.54			109.92	114.60 114.59		131.33 131.33		Durable goods Nondurable goods	105.79 105.79		104.56 104.56	103.42 103.42	101.65 101.65		101.17 101.17	
Exports of services 1	114.27	120.51		120.28		125.27	126.25		Exports of services 1	107.61	110.21	109.53					112.38
Transfers under U.S. military	106 25	111 75	122 10	106 12	104 25	101 60	115 54	112 40	Transfers under U.S. military	110 50	111 00	110.54	100.00	100 65	110.56	110.94	100.00
agency sales contracts	108.03	111.75 114.43	114.19	114.82	117.69	119.26	115.75		agency sales contracts	107.20	111.60		112.38	112.89	114.09	114.62	114.69
Passenger fares Other transportation		112.61 108.78		107.32	112.55	111.72	114.98	118.63 116.06	Passenger fares Other transportation	109.82 102.99		108.14 105.23			102.75 106.69		108.05 105.45
Royalties and license fees Other private services	127.45 123.89		134.45	136.63 134.48	139.76	139.78 143.25	143.74	145.31	Royalties and license fees Other private services	107.34 106.08	109.41 107.81		109.62 107.95	110.14 108.43	110.55 108.78		111.32 109.63
Other	107.56			108.48				110.16	Other	117.80	122.10		126.05	128.28			134.25
Imports of goods and services	133.05	145.22	143.51	148.03	150.48	156.80	164.30	169.76	Imports of goods and services	101.62	99.41	99.83	98.76	98.75	97.42	95.52	94.86
Imports of goods 1	137.50	151.06	148.97	154.49	157.37	163.58	172.24	178.53	Imports of goods 1	101.12	98.30	98.88	97.47	97.42	96.11	93.87	93.19
Foods, feeds, and beverages Industrial supplies and materials, except petroleum		116.82			120.16	123.78			Foods, feeds, and beverages Industrial supplies and materials, except petroleum	113.17	110.72	112.89	110.06	110.71	111.37		İ
and products Durable goods	136.74	138.73 146.42	145.81	142.02 150.17	150.97		157.53	152.48 158.12	and products Durable goods	111.63	109.62 110.07	110.41	109.99	109.35 109.86			
Nondurable goods Petroleum and products	125.75 114.94	131.63	128.68 127.68	134.50 130.93	135.54 123.98	137.18 120.50	142.64	147.34 131.85	Nondurable goods Petroleum and products		109.26	108.71 112.45	107.49 112.85		109.66 123.38		106.28 101.73
Capital goods, except automotive	183.62		211.66		238.05	253.47		296.60	Capital goods, except automotive	89.83			76.05	72.32	69.65		
Civilian aircraft, engines,	l l	1		l l					Civilian aircraft, engines,	İ							
and parts Computers, peripherals, and	78.27			90.58		92.67		132.44	and parts Computers, peripherals, and	1	113.54			114.99			
parts Other	279.82 171.61				410.89 213.17	455.71 225.32		585.07 248.43	parts Other	63.47 100.02	52.01 87.18	52.87 89.42	50.65 85.15	48.16 80.62	45.26 78.03	42.64 77.23	39.97 76.78
Automotive vehicles, engines, and parts	125.02	129.38	129.70	134.07	129.32	142.67	138.97	145.38	Automotive vehicles, engines, and parts	107.88	108.57	108.43	108.64	108.67	108.67	108.50	108.93
Consumer goods, except automotive	126.45		131.95	136.62		143.88	152.92	154.06	Consumer goods, except automotive			103.56			102.67		
Durable goods Nondurable goods	126.97 125.87	133.96	133.23 130.57	134.41	142.86	144.62	l 154.15	150.93 157.37	Durable goods Nondurable goods	103.12	103.87	103.19 103.97	103.89	103.72	103.57	103.89	103.86
Other Durable goods Nondurable goods	116.01 116.01 116.01	124.65	124.73 124.73 124.73	125.92	127.07		143.13	147.42 147.42 147.42	Other Durable goods Nondurable goods	107.40		107.60 107.60	107.08	107.24	107.05	106.36	106.41
Imports of services 1	113.82	1	i .	!	120.90	127.64			Imports of services 1	104.01	105.13	l	105.50		104.31	I	103.77
Direct defense expenditures	65.58	72.71	74.32	74.42	72.34	79.33	81.05	84.57	Direct defense expenditures	109.01	107.97	106.83	107.94	108.89	101.94	101.45	97.81
Passenger fares	111.65 131.23		116.07 142.04		115.97 143.35			146.45	Travel Passenger fares	107.00 104.20		105.22	110.96 104.56	109.53 107.13		112.91	112.86
Other transportation Royalties and license fees		108.20	110.62 121.60	109.77	107.70		113.41 149.43	114.12 151.05	Other transportation	101.07 107.35		103.03 109.17	103.32 109.62	104.57		103.88 110.79	103.39
Other private services	141.45	156.64	154.31	157.00	161.19	165.61	171.31	175.92	Other private services	100.12	99.25	99.51	98.93	99.08	98.61	98.98	98.99
OtherAddenda:	100.02	107.59	100.28	100.04	109.99	111.8/	112.00	113.43	Other	107.18	108.36	100.70	110.20	109.90	109.04	108.74	108.68
Exports of agricultural goods 2	110 30	110.05	103.00	106 20	117 20	108 22	107 12	111.11	Exports of agricultural goods 2	115.67	126.61	133.20	128 81	118 80	110 30	118 84	116 01
Exports of nonagricultural	ŀ								Exports of nonagricultural	İ							1
goods Imports of nonpetroleum	129.66	ł	142.34					170.72	goods Imports of nonpetroleum	100.38					l	1	l
goods	139.59	153.63	150.84	156.57	160.69	168.20	176.44	183.47	goods	101.86	97.16	97.92	96.32	94.93	93.92	92.98	92.44
NOTE Con factorios in table 4.0																	

NOTE.—See footnotes to table 4.3.

Table 7.11.—Chain-Type Quantity and Price Indexes for Government Consumption Expenditures and Gross Investment by Type [Index numbers, 1992=100]

				S	easonally	/ adiuste			10, 1002=1003	<u> </u>		<u> </u>	Se	easonaliv	/ adjuste	ıd	
	1995	1996		1996	VI IVAII	,,	1997			1995	1996		1996			1997	
			11	IJ	IV	1	. 11	111				11	III	١٧	ı	ll	III
Chain-type quantity indexes									Chain-type price indexes								
Government consumption expenditures and gross investment ¹	99.06	99.54			99.85	99.74			Government consumption expenditures and gross investment ¹	108.28		l i	112.07				l
Federal National defense	89.08	87.92	89.15	88.21	87.04	85.76	87.14	86.89 82.55	Federal	I		111.47	112.05 111.16	l i		1	ł
Consumption expenditures Durable goods 2	85.84 87.77 69.25 66.48 90.40	84.56 86.20 72.27 76.05 88.01	86.01 87.09 76.56 80.52 88.45	85.00 86.99 79.98 82.30 87.94	83.44 85.84 67.04 66.02 88.45	80.86 84.57 66.37 70.26 86.93	82.33 85.69 70.43 66.46 87.94	85.73 75.24 74.16 87.27	Consumption expenditures Durable goods 2 Nondurable goods Services Compensation of general government employees, except	101.20	110.96 102.41 109.95	110.56 102.82 108.19	111.26	112.16 102.17 116.27	113.39 102.89 114.14	113.70 103.22 107.47	113.89 102.98 104.81
construction ³ Consumption of general government	85.49	81.89	82.44	81.93	80.64	79.99	79.14	79.00	force-account construction ³ Consumption of general government	107.45	115.40	114.78	115.87	116.76	119.51	120.16	120.31
fixed capital 4 Other services Gross investment Structures Equipment	96.76 94.74 74.99 103.79 71.79	94.82 94.25 75.34 107.11 71.80		94.57 94.08 73.76 103.75 70.43	94.12 98.60 69.89 102.80 66.21	93.62 94.74 59.66 96.54 55.49	93.17 100.30 63.13 94.56 59.61	92.70 98.51 64.46 94.55 61.10	fixed capital 4 Other services Gross investment Structures Equipment	109.58 104.92 109.27 118.22 108.31	106.45 111.22 121.50	105.84 110.58 121.04	110.39	107.82 110.29 123.57	107.65 111.26	108.07 111.65	108.53 110.75 126.05
Nondefense Consumption expenditures Durable goods ²	96.88 97.46	96.01 95.37	96.72 96.28	95.93 94.84	95.69 95.21	97.54 97.18	98.71 97.60	97.32 97.29	Nondefense Consumption expenditures Durable goods 2	111.88 113.16	116.32	113.63 115.32		114.72 116.74	116.44 118.80	116.87 119.30	117.25 119.82
Nondurable goods Commodity Credit Corporation inventory change Other nondurables Services Compensation of general government employees, except	84.13 97.37	75.08 95.57	75.96 96.44	70.86 95.43	74.38 95.61	83.75 96.75	85.82 97.23	85.60 97.01	Nondurable goods Commodity Credit Corporation inventory change Other nondurables Services Compensation of general government employees, except		112.73		113.82 116.64				111.84 120.66
force-account construction 3 Consumption of general government fixed capital 4 Other services Gross investment Structures Equipment	92.95 110.42 101.84 93.02 96.90 89.24	90.66 115.70 99.49 100.61 97.44 104.93		91.20 116.42 98.03 103.75 96.76 112.70	117.80 99.16	91.10 119.30 101.47 100.06 94.95 106.77		90.58 122.01 102.61 97.41 88.40 108.87	force-account construction 3 Consumption of general government fixed capital 4 Other services Gross investment Structures Equipment		104.51 106.39 102.76	106.19 102.90 112.84	104.40 106.65 102.53		104.08 107.60 101.63	107.92 101.67	104.48 108.14 101.18
State and local Consumption expenditures Durable goods 2 Nondurable goods Services Compensation of general government employees, except force-account	106.23 107.02 112.02 113.65 106.16	107.88 108.28 115.98 117.38 107.08	107.97 108.38 115.48 116.79 107.28	108.17 108.63 116.49 117.92 107.41	109.04 108.98 117.32 119.06 107.66	109.78 109.53 118.18 120.12 108.15	110.10 110.06 119.04 121.18 108.61	110.70 110.74 119.90 122.24 109.25	State and local	108.24 108.14 105.75 105.51 108.51	111.71 111.84 106.39 109.36 112.25	111.08 111.13 106.16 109.96 111.38	112.07 112.23 106.32 109.07 112.75	112.77 113.01 106.45 110.70 113.43	113.54 113.71 106.42 110.77 114.23	113.95 114.02 106.45 108.30 114.90	114.49 114.65 106.90 107.86 115.68
construction 3 Consumption of general government fixed capital 4 Other services Gross investment Structures Equipment	108.66 129.97 102.60 101.29	111.57 138.73 106.03 104.30	105.35 111.21 138.30 106.06 104.45 113.54	111.94 138.20 106.03 104.15	112.66 140.65 109.35 107.84	113.37 143.86 110.95 109.49	114.07 144.66 110.28 108.43	114.76 146.73 110.53 108.42	construction 3 Consumption of general government fixed capital 4 Other services Gross investment Structures Equipment	88.97 108.69	108.74 90.09 111.14 113.93	108.59 89.23 110.84 113.48	108.85 91.97 111.34 114.25	108.95 92.13 111.69 114.90	109.84 92.76 112.73	110.41 93.05 113.64 117.75	110.54 94.56 113.73 118.11
Addenda: Compensation of general government employees 3 Federal	99.42 87.97 104.69	98.66 84.83 105.06	85.68	98.98 85.07 105.42	98.72 84.02 105.54	98.87 83.73 105.89	99.00 83.27 106.31	99.26 82.90 106.87	Addenda: Compensation of general government employees 3 Federal	111.76	119.00	117.94	115.75 119.08 114.46	120.08	123.26	123.94	124.29

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]

				S	asonally	adjuste	d	
	1995	1996		1996			1997	
			ti	111	IV	1	11	111
Chain-type quantity indexes Gross domestic product	107.97			111.20			114.66	
Nonfarm ¹	109.13 109.38 109.76 106.22 92.13	112.70 112.99 113.61 107.83 93.75	112.61 112.88 113.56 107.26 94.61		115.36	116.18 116.99	117.23 118.15 109.66	118.39 119.45 109.67
Households and institutions	109.32	111.52	111.24	111.96	112.66	113.55	114.40	115.33
Private households Nonprofit institutions	106.92 109.41	100.06 111.96	102.26 111.58	98.67 112.47	95.09 113.33	94.77 114.27	95.54 115.11	95.97 116.07
General government ²	99.91	99.34	99.74	99.63	99.43	99.58	99.72	99.96
Federal State and local Chain-type price indexes Gross domestic	90.44 105.05		88.48 105.87	106.00				86.06 107.57
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	107.50 107.32 109.05 99.01	109.46 109.11 112.48 118.34		109.76 109.40 112.88 125.11	109.82		110.83 115.32	111.11 116.27
Households and institutions	108.75	111.19	110.78	111.36	111.98	112.87	113.90	114.73
Private households Nonprofit institutions	109.61 108.71	113.51 111.10		114.29 111.25	115.40 111.86	115.86 112.77	116.84 113.79	
General government ²	110.08	114.58	113.75	114.89	115.62	116.95	117.60	118.22
State and local	111.04 109.61	116.82 113.53		116.92 113.93	117.71 114.64	120.19 115.46		

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 .842	.108 .853	.109 .853	.108 .855	.108 .855	.107 .861	.107 .863	
employees	.687	.690	.689	.691	.693	.697	.698	
adjustments Profits tax liability Profits after tax with inventory valuation and capital consumption	.128 .037	.140 .040	.140 .040	.141 .040	.142 .040	.143 .040	.144 .040	
adjustments Net interest	.090 .027	.101 .023	.100 .024	.101 .022	.102 .021	.103 .021	.104 .021	

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]

 						
		Se	easonally	adjuste	d	
		1996			1997	
	H	111	١٧	ı	11	m
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	107.44 106.48 108.76	107.45 106.52 108.74	106.49	107.00 106.69 107.45	106.25	106.62 106.11 107.34
Manufacturing Durable goods Nondurable goods	107.30 104.92 111.34	107.32 104.68 111.79	107.47 104.89 111.85	106.84 104.92 110.06		106.05 104.40 108.79
Wholesale Durable goods Nondurable goods	107.79 104.02 114.12	107.22 104.14 112.38	103.90	106.26 103.91 110.16	103.80	106.14 103.61 110.36
Merchant wholesalers Durable goods Nondurable goods Nonmerchant wholesalers Durable goods Nondurable goods	104.26 115.24 104.73	107.39 104.39 112.55 106.18 102.54 111.59	104.14 110.43 106.86 102.26	104.17 110.44 104.87	104.06 109.05 103.79	103.88 110.63 104.73
Retail trade	110.06	112.94	110.06 112.57	110.48	110.90 107.83	109.40 110.95 107.76
Other Durable goods Nondurable goods	109.49 114.35 107.09			116.40	116.50	

^{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]

				S	easonally	adjuste	d	
	1995	1996		1996			1997	
			II	111	IV	1	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
Goods	110,91	114.72	114.55	115.17	116.51	119.31	120.49	121.61
Final sales Change in business inventories	109.98	113.89	113.89	113.83	115.32	116.66	117.19	119.43
Durable goods Final sales Change in business inventories	120.66 116.39	124.84			128.64 127.35			140.67 136.57
Nondurable goods	104.20 105.48		105.06 106.02		108.19 107.01			
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 Gross domestic product less motor vehicle output		117.55 110.73			115.23 112.28			123.60 115.38

Table 7.18.—Chain-Type Quantity Indexes for Auto Output [Index numbers, 1992=100]

				S	easonally	y adjuste	ed	
	1995	1996		1996			1997	
			И	HI	I۷	- 1	II	111
Auto output	105.03	98.69	106.68	105.25	93.58	98.45	96.09	102.54
Final sales Personal consumption	102.59	101.94	104.64	101.44	99.35	99.31	94.84	99.56
expenditures New autos Net purchases of used	103.75 98.13			102.94 93.43			99.69 89.70	
autos	120.70	128.03 126.10	129.07	133.95 133.00		136.19 130.80	130.82 126.22	138.66 131.72
Net exports	112.40	112.16 126.62	108.53 126.36	131.31	125.96	109.44 143.81 103.02	139.60	
Change in business inventories of new and used autos						**********		
Addenda: Domestic output of new autos ¹ Sales of imported new autos ²	114.30 101.14	110.93 98.06	116.59 97.36		103.63 99.15			116.29 109.99

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

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

[Index numbers, 1992=100]

Truck output 1	142.80	144.61	146.75	141.72	146.38	152.43	147.62	153.88
Final sales	142.00	147.62	144.57	144.35	152.03	150.72	147.96	155.34
expenditures Producers' durable equipment Net exports	121.45 167.88	121.78 181.34	120.92 176.45	118.29 184.46	120.90 190.80	119.17 193.20	113.36 192.36	120.73 203.17
Exports Imports Gross government investment	134.54 110.36 102.81		156.36 119.27 90.17	125.33	113.92	133.14		146.83
Change in business inventories		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			*******	************		

^{1.} Includes new trucks only.

8. Supplementary Tables_

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

			Seas	sonally	adjuste	d at ar	nual ra	tes	-			Sea	sonally	adjuste	d at an	nual ra	ites
	1995	1996		1996			1997			1995	1996		1996			1997	
			II.	Ш	IV	Ι	11	III				li	111	IV	1	IÍ.	III
Gross domestic product: Current dollars	4.6 2.0 2.5 2.5	2.8 2.3	7.7 6.0 1.9 1.7	3.6 1.0 2.7 2.6	6.2 4.3 1.9 1.9	7.4 4.9 2.4 2.4	5.2 3.3 1.8 1.8	4.9 3.5 1.4 1.4	Implicit price deflator Imports of goods and services: Current dollars	3.2 11.4 8.9 2.2	2.4 6.8 9.1 -2.2	2.1 11.4 14.1 -1.8	13.2	3.1 6.5 6.8 0	9 11.7 17.9 -5.3	3.4 11.4 20.5 -7.6	10.8 14.0 -2.8
Personal consumption expenditures: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	5.1 2.4 2.6 2.6	5.0 2.6 2.4 2.4	6.7 3.7 2.9 2.9	3.0 .5 2.5 2.5	6.3 3.3 3.0 2.9	7.6 5.3 2.2 2.2	2.0 .9 1.0 1.0	7.2 5.7 1.4 1.4	Implicit price deflator Imports of goods: Current dollars Chain-type quantity index Chain-type price index	2.2 11.9 9.5 2.2	-2.2 6.8 9.9 -2.8	-2.3 13.2 16.4 -2.1	-4.5 8.9	3 7.2 7.7	-5.3 10.5 16.7 -5.3	-7.6 11.8 22.9 -9.0	-2.8 12.1 15.4 -2.9
Durable goods: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	5.0 4.0 1.0	4.7 4	7.8 9.7 –1.4 –1.8	-2.6 -1.9 6 7	2.4 3.5 -1.0 -1.1	13.3 14.1 7 7	-8.2 -5.4 -3.0 -3.0	13.3 16.7 -2.9 -2.9	Implicit price deflator Imports of services: Current dollars Chain-type quantity index Chain-type price index	2.2 8.6 6.1 2.4	-2.8 6.6 5.5 1.1	-2.8 2.7 2.7 1	-5.9 4.3 1.2 3.1	2 4 2.8 2.1	-5.3 17.9 24.2 -5.1	-9.0 9.2 8.9	-2.9 4.2 6.6
Nondurable goods: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	3.3 1.6 1.7 1.7	4.0 1.4 2.6 2.6	6.6 2.6 3.9 3.9	1.6 .6 .9	5.8 2.1 3.7 3.7	7.2 4.7 2.4 2.4	-2.1 -2.1 0 0	6.1 4.7 1.3 1.3	Implicit price deflator Government consumption expenditures and gross investment: Current dollars	3.2 0	1.1	0	3.1	.7 .7 2.5	-5.1 3.1 4	.2 .2 4.5 3.1	2.4 1.0
Services: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	6.1 2.5 3.5 3.4	2.9	6.5 3.1 3.4 3.4	4.9 1.0 3.9 3.9	7.4 3.9 3.4 3.4	6.6 3.9 2.6 2.6	6.3 3.9 2.4 2.4	6.6 4.1 2.4 2.4	Chain-type quantity index Chain-type price index Implicit price deflator Federal: Current dollars	3.3 3.3	3.3 2.1	6.6		.1 2.5 2.4 -3.0	3.5 3.5 -1.1	1.4 1.4 7.9	1.4 1.4
Gross private domestic investment: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	3.0 1.6 1.4 1.4	7.8 2	18.0 19.9 -1.0 -1.5	16.8 16.5 1.2	.7 1.6 –.5 –.9	15.6 17.1 -1.0 -1.3	17.2 17.7 6 4	3.8 3.8 0	Chain-type quantity index	-3.3 3.3 3.3 -1.3	-1.3 3.4 3.4 2.4	8.8 -1.4 -2.1	2.1 1.9	-5.2 2.5 2.3 -4.7	-5.8 4.9 4.9 -8.0	6.6 1.3 1.3	-1.2 .6 .6
Fixed investment: Current dollars	6.5 5.1	8.2 8.3 1	13.0 14.4 7 -1.2	11.6 10.1 1.4	2.6 3.0 4 4	3.0 3.9 9	12.4 12.6	14.4 14.1	Chain-type quantity index	-4.3 3.1 3.1	-1.5 3.9 3.9	11.0 .7 3	2.1 1.9	-7.1 2.8 2.6	-11.8 4.3 4.3	7.5 1.1 1.1	1.1 .2 .3
Implicit price deflator Nonresidential: Current dollars Chain-type quantity index Chain-type price index	9.4 9.0 .4	8.1 9.2 - 1.0	10.3 13.0 -1.7	16.1 16.5 3	4.4 5.9 –1.5	2.1 4.1 -2.0	12.9 14.6 - 1.5	17.7 18.7 9	Current dollars	2.4 -1.4 3.9 3.9	2.3	-1.6 4.3 -5.6 -5.7	2.0		6.1	1.5 1.5	-5.5 1.3 1.3
Implicit price deflator	8.7 4.3 4.2 4.2	4.8 2.3	9.9 7.9 1.9	14.2 10.0 3.9	15.3 2.5	.7 -2.1 2.8	-1.0 -4.7 3.9	14.5 10.1 4.0	Current dollars Chain-type quantity index Chain-type price index Implicit price deflator Addenda: Final sales of domestic product:		4.8 1.6 3.2 3.2	6.9 6.3 .6 .5	4.4 .7 3.6 3.6	2.5	5.5 2.7 2.7 2.7	2.6 1.2 1.5 1.5	2.2 1.9
Implicit price deflator Producers' durable equipment: Current dollars Chain-type quantity index Chain-type price index Indicate deflators	9.7 10.8	8.4 10.9 -2.3	10.4 14.9	16.9 19.1 -1.9	5 2.6 -3.0	2.6 6.7 -3.8	18.7 23.0 -3.5	18.9 22.1 –2.6	Curent-dollars	2.5 2.5	5.2 2.8 2.3 2.3	7.0 5.2 1.9 1.7	2.9 .2: 2.7 2.7	6.6 4.5 1.9 2.0	5.6 3.0 2.5 2.5	1.9	1.4
Implicit price deflator	3 -3.8 3.6 3.6	8.5 5.9 2.4	20.0 17.9 1.8 1.8	1.0 -4.5	-1.8 -4.3 2.6	5.4 3.3 2.0	11.1 7.4	6.2 2.8 3.4 3.4	Current dollars Chain-type quantity index Chain-type price index Implicit price deflator Final sales to domestic purchasers:	4.5 1.9 2.5 2.6	5.2 2.9 2.2 2.2		4.7 2.4 2.4 2.2	4.8 2.5 2.4 2.3	7.9 5.9 1.9 1.9	3.7	4.6
Exports of goods and services: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	13.5 11.1 2.2 2.2	6.4 8.3 -1.8	7.1 9.6 –1.4	6 1.9 -2.6	20.4 25.5	8.0 9.9 –1.8	17.6 18.4 7	3.7 5.6 -1.8 -1.8	Current dollars Chain-type quantity index Chain-type price index Implicit price deflator Gross national product:	4.9 2.3 2.6 2.6	5.2 3.0 2.2 2.2	7.6 5.8 1.8 1.7	4.0 1.5 2.4 2.4	2.7 2.4	6.1 4.0 2.0 2.0	.9	7.4 6.0 1.3 1.3
Exports of goods: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	14.6 12.6 1.8	5.8 9.5 -3.4	5.2	-2.7 2.5 -5.3	21.8 30.7 -7.3	10.2 12.6 -2.1	22.2 25.1 -2.3	2.7 5.6 -2.7	Current dollars	4.5 2.0 2.5 2.5	5.0 2.7 2.3 2.3	7.4 5.7 1.9 1.6	l 2.6	4.9 1.9	6.5 4.0 2.4 2.4	3.0 1.8	
Exports of services: Current dollars Chain-type quantity index Chain-type price index	10.9 7.4 3.2	8.0 5.5	12.0	4.6		2.7	6.7	6.1	Chain-type quantity index Disposable personal income: Current dollars Chained (1992) dollars	2.0 6.0 3.3	4.7	4.0	1		1	4.2	4.3 2.9

NOTE.—Except for disposable personal income, the quantity and price indexes are calculated from weighted averages of the detailed output and prices used to prepare each aggregate and component. Prior to the third quarter of 1996, these indexes use the geometric mean of weights that reflect the composition of output for the preceding and current years. Beginning with the third quarter of 1996, these indexes use weights that reflect the composition

of output in the two adjacent quarters. Implicit price deflators are weighted averages of the detailed price indexes used to prepare each aggregate and component and are calculated as the ratio of current- to chained-dollar output multiplied by 100. (Contributions to the percent change in real gross domestic product are shown in table 8.2.)

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

			Se	easonally	/ adjuste	ed at ann	nual rates	3
	1995	1996		1996			1997	
			11	161	IV	. 1	11	Ш
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 Nondurable goods Services	.3 .3 1.0	.4 .3 1.1	.8 .5 1.2	2 .1 .4	.3 .4 1.5	1.1 .9 1.5	5 4 1.5	1.3 .9 1.6
Gross private domestic investment	.2	1.1	2.6	2.3	.2	2.4	2.5	.6
Fixed investment	.7 .8 .1	1.1 .9 .1	1.9 1.3 .2	1.4 1.6 .3	.4 .6 .4	.6 .4 –.1	1.7 1.4 1	1.9 1.8 .3
equipment	.7 2	.8 .2	1.0 .7	1.3 2	.2 2	.5 .1	1.6 .3	1.6
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 .2 -1.0 9 1	.9 .7 .2 -1.1 -1.0 1	1.1 .8 .3 -1.7 -1.6 1	.2 .2 0 -1.6 -1.6 0	2.7 2.2 .4 8 8 0	1.1 1.0 .1 -2.1 -1.7 5	2.0 1.9 .1 -2.5 -2.3 2	.7 .5 .2 -1.7 -1.6 1
Government consumption expenditures and gross investment	0	.1	1.3	2	0	1	.6	.2
Federal	2 2 0 .2	1 1 0 .2	.6 .5 .1 .7	3 2 1	4 3 0 .4	4 6 .2 .3	.4 .3 .1 .1	1 0 1 .3

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

[Dollars]

			[4				
				Seasona	ılly adjust	ed at ann	ual rates	
	1995	1996		1996			1997	
			н	188	IV	1	11	111
Current dollars:								
Gross domestic product	27,605	28,752	28,680	28,869	29,243	29,715	30,030	30,323
product Personal income Disposable personal	27,625 23,370	28,759 24,457	28,691 24,359	28,843 24,604	29,254 24,835	29,662 25,268		25,766
income Personal	20,349	21,117	21,012	21,229	21,373	21,689	21,865	22,047
consumption expenditures Durable goods Nondurable	18,837 2,312				19,919 2,395		20,303 2,409	20,613 2,480
goods Services	5,607 10,917		5,776 11,378	5,786 11,488	5,854 11,669	5,945 11,836	5,901 11,993	5,975 12,158
Chained (1992) dollars:								
Gross domestic product	25,616	26,088	26,111	26,116	26,333	26,599	26,760	26,930
product	25,642	26,101	26,126	26,102	26,354	26,562	26,704	
Disposable personal income	18,861	19,116	19,081	19,161	19,152	19,331	19,439	19,532
consumption expenditures Durable goods Nondurable	17,460 2,217	17,750 2,301	17,765 2,318		17,848 2,316			18,261 2,438
goods Services	5,367 9,877	5,393 10,057	5,397 10,052	5,393 10,052				
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]

			S	easonally	y adjuste	ed at ann	ual rate	s
	1995	1996		1996			1997	
			II	111	1V	1	11	111
Auto output	140.4	134.6	144.6	144.5	128.7	136.4	130.2	140.5
Final sales Personal consumption	137.2	140.0	143.0	140.2	138.0	137.9	131.1	136.2
expenditures New autos Net purchases of used	139.5 87.1	141.3 86.1	145.0 87.0	141.5 84.8	138.4 85.3	145.2 87.9	136.7 81.3	143.0 90.1
autos Producers' durable equipment New autos Net purchases of used	52.4 42.3 74.5	55.3 45.3 79.2	58.1 45.3 80.8	56.7 48.0 84.0	53.2 45.9 76.9	57.3 48.8 82.5	55.4 47.4 79.5	52.9 51.2 82.9
autos	-32.2 -47.1 16.7 63.8 2.4	-33.9 -48.9 17.0 65.9 2.3		-35.9 -51.3 17.1 68.3 2.0	-31.1 -48.8 16.8 65.7 2.6	-33.7 -58.4 16.6 75.0 2.3	-32.1 -54.9 18.1 73.0 1.9	-31.7 -59.8 17.4 77.2 1.8
Change in business Inventories of new and used autos	3.2 3.1 .2	-5.4 -5.6 .2	1.6 2.5 9	4.3 3.7 .6	-9.3 -9.0 4	-1.5 8 6	9 .3 -1.2	4.2 4.1 .1
Addenda: Domestic output of new autos ¹	122.8 59.0	121.1 58.2	127.3 57.6	131.6 58.2	113.5 59.2		116.8 61.1	128.1 65.4

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

Table 8.6.—Truck Output

[Billions of dollars]

Truck output 1	133.1	136.7	138.9	134.2	138.5	145.0	140.2	146.1
Final sales Personal consumption	130.3	137.4	134.7	134.6	141.6	141.1	138.3	145.1
expenditures Producers' durable equipment	62.0 65.8	63.7 71.6	63.1 69.8	62.1 72.9 -6.3	63.9 74.9	63.2 76.1	60.1 75.5	63.9 79.7
Net exports	-5.1 7.7	-4.7 9.0	-4.9 9.0	8.5	-3.2 10.2	-5.4 10.2	-5.4 10.0	10.0
ImportsGross government investment	12.8 7.6	13.7 6.8	14.0 6.7	14.8 5.9	13.4 6.1	15.7 7.2	15.3 8.1	17.3 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 8.5.—Real Auto Output

[Billions of chained (1992) dollars]

			S	easonally	adjuste	d at ann	ual rate	S
	1995	1996		1996			1997	
			II .	III	IV	- 1	n	111
Auto output	127.6	119.9	129.6	127.9	113.7	119.7	116.8	124.6
Final sales Personal consumption	125.2	124.4	127.7	123.8	121.3	121.2	115.8	121.5
expenditures	122.0	121.2	124.8	121.0	118.0	123.6	117.2	124.1
New autos Net purchases of used	80.6	78.2	79.3	76.7	77.0	79.6	73.7	81.7
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 Net purchases of used	68.9	72.0	73.7	75.9	69.5	74.7	72.1	75.2
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	
Imports	58.2 2.2	59.6 2.1	59.4 1.7	61.8 1.8	59.2 2.3	67.6 2.1	65.7 1.7	68.9 1.6
•	2.2	2.1	1.7	1.0	2.0	2.1	1.7	1.0
Change in business inventories of new and used								
autos	2.2	-4.7	1.8	4.0		-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

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

Table 8.7.—Real Truck Output

[Billions of chained (1992) dollars]

Truck output 1	119.6	121.1	122.9	118.7	122.6	127.6	123.6	128.9
Final sales Personal consumption	117.0	121.7	119.1	119.0	125.3	124.2	121.9	128.0
expenditures Producers' durable equipment	55.6 58.9	55.8 63.7	55.4 61.9	54.2 64.7	55.4 67.0	54.6 67.8	51.9 67.5	55.3 71.3
Net exports	-4.3 7.5	-3.7 8.7	-4.0 8.7	-5.1 8.2	-2.3 9.8	-4.4 9.8	-4.5 9.4	-6.2 9.5
Imports Gross government investment	11.8 6.8	12.4 6.1	12.7 5.9	13.4 5.2	12.1 5.5	14.2 6.4	13.9 7.2	15.6 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

^{2.} Consists of personal consumption experiorures, 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.

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				
	1995	1990	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July "	Aug."	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 Private industries Commodity-producing industries Manutacturing Distributive industries Service industries Government	3,429.5 2,806.5 864.4 648.4 783.1 1,159.0 623.0	3,632.5 2,989.9 909.1 674.7 823.3 1,257.5 642.6	3,660.6 3,015.3 918.6 681.4 829.1 1,267.6 645.4	3,694.6 3,047.1 920.6 681.8 836.9 1,289.6 647.5	3,683.5 3,035.4 921.7 681.8 832.1 1,281.6 648.1	3,713.4 3,064.4 926.5 684.7 840.8 1,297.1 649.1	3,753.7 3,104.0 935.2 690.4 848.9 1,319.9 649.7	3,754.1 3,098.7 936.3 690.5 847.7 1,314.6 655.5	3,799.1 3,140.9 943.4 693.4 857.9 1,339.6 658.2	3,821.3 3,161.7 948.8 698.4 864.8 1,348.1 659.7	3,822.1 3,161.2 950.3 699.5 863.1 1,347.7 660.9	3,835.1 3,173.1 953.7 700.3 865.0 1,354.5 661.9	3,867.6 3,204.5 954.5 701.2 872.9 1,377.1 663.1	3,869.9 3,204.6 955.5 701.5 872.2 1,376.8 665.3	3,903.1 3,235.6 962.8 707.4 883.0 1,389.8 667.5	3,915.3 3,245.9 967.0 710.1 883.5 1,395.4 669.4
Other labor income	406.8	407.6	408.2	410.2	407.2	408.7	411.4	410.5	412.5	413.9	414.4	415.3	415.6	416.6	418.0	419.3
Proprietors' income with IVA and CCAdj	488.9 23.4 465.5	520.3 37.2 483.1	522.8 40.2 482.6	525.0 40.7 484.4	526.6 40.8 485.8	528.4 40.5 487.9	529.8 39.9 490.0	532.2 39.4 492.8	534.5 39.9 494.6	537.2 41.4 495.8	540.9 43.0 497.9	543.6 43.8 499.8	546.5 44.0 502.4	546.8 43.1 503.7	546.7 41.3 505.4	548.4 39.3 509.1
Rental income of persons with CCAdj	132.8	146.3	148.0	149.2	149.2	149.2	149.1	148.5	149.3	149.2	149.3	148.9	147.8	147.1	148.3	148.4
Personal dividend income	251.9	291.2	291.9	292.7	293.7	295.0	296.9	310.7	312.5	314.4	316.3	318.3	320.3	322.4	324.5	326.6
Personal interest income	718.9	735.7	743.0	746.2	747.8	749.8	751.8	754.3	757.0	760.4	763.4	766.0	768.9	772.2	775.7	779.0
Transfer payments to persons Old-age, survivors, disability, and health insurance benefits Government unemployment insurance benefits Other	1,015.0 507.8 21.4 485.7	1,068.0 537.6 22.0 508.4	1,072.4 540.6 20.4 511.4	1,074.3 540.8 21.7 511.9	1,077.0 542.3 21.3 513.4	1,081.8 546.2 21.1 514.6	1,085.5 548.2 22.3 515.0	1,105.5 559.5 22.1 523.9	1,104.1 555.6 22.0 526.5	1,111.9 561.5 22.0 528.4	1,114.6 562.4 22.0 530.2	1,116.6 564.8 21.9 529.9	1,119.7 565.9 21.9 531.9	1,122.0 567.3 21.8 532.9	1,124.0 569.5 21.6 532.8	1,129.5 570.4 21.9 537.1
Less: Personal contributions for social insurance	293.1	306.3	308.1	310.2	309.4	311.3	313.8	315.8	318.7	320.1	320.1	320.9	323.0	323.1	325.2	326.0

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

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

Table B.2.—The Disposition of Personal Income [Monthly estimates seasonally adjusted at annual rates]

1996 1997 1995 1996 Sept. Oct. Nov. Dec. Jan. Feb. Mar. Apr. May June July " Aug. " Sept.P Aug. Billions of dollars, unless otherwise indicated 6,150.8 6,800.9 6,822.8 6,873.8 6,915.0 6,940.5 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 6,863.5 Personal income 988 9 Less: Personal tax and nontax payments 795.1 886.9 897.0 909.1 909 4 9217 936.8 9423 957 7 967.0 970 4 978.3 991.0 999 0 1 002 2 Equals: Disposable personal income ... 5,355.7 5,608.3 5,641.9 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 5,673.0 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 5,226.4 641.1 1,533.5 3,051.9 5,302.7 638.4 1,558.1 3,106.2 5,540.4 658.3 1,606.8 3,275.3 4,957.7 608.5 1,475.8 2,873.4 5,396.7 661.0 1,584.5 3,151.1 5,409.7 659.8 1,589.0 3,160.9 5,410.8 654.4 1,588.6 3,167.8 5,422.0 642.9 1,577.0 3,202.1 5,528.7 667.4 Personal consumption expenditures 5,207.6 634.5 5.238.8 5,285.4 638.8 5,336.4 637.4 5,422.4 643.5 5,451.9 647.0 5,514.0 Durable goods Nondurable goods Services 630.7 1,545.0 3,063.0 1,534.7 3,038.4 1,557.8 3,088.8 1,564.6 3,134.5 1,582.0 3,222.0 1,597.6 3,247.0 1,577.1 3,201.8 interest paid by persons

Personal transfer payments to rest of world 150.8 152.8 128.5 148.5 15.9 152.7 17.6 154.3 17.9 156.1 17.9 156.6 17.9 145.2 15.9 146.9 147.9 152.2 151.7 17.0 151.6 17.0 152.7 17.6 154.0 17.6 15.9 16.7 16.7 16.7 17.0 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: odenda:

Billions of chained (1992) dollars ¹

Per capita:

Current dollars

Chained (1992) dollars

Population (thousands) 5,218.1 5,253.3 5.076.9 5,159,4 4,964.2 5.094.4 5,110,3 5,087.2 5,101.1 5,123.0 5,142,3 5,181.4 5.185.5 5,198.7 5,218.3 5.242.4 20,349 18,861 263,194 21,117 19,116 265,579 21,219 19,160 265,886 21,318 19,204 266,106 21,277 19,103 266,308 21,364 19,142 266,492 21,478 19,211 266,672 21,579 19,272 266,826 21,789 19,394 267,161 21,808 19,396 267,354 21,845 19,431 267,541 21,941 19,490 267,741 21,954 19,474 267,952 22,061 19,549 268,171 22,126 19,573 268,389 19,326 266,975 Personal consumption expenditures:
Billions of chained (1992) dollars
Durable goods
Nondurable goods 4,745.2 616.0 1,443.7 2,686.1 4,819.8 641.2 1,456.0 2,724.2 4,818.3 638.4 1,458.1 2,723.2 4,816.1 633.8 1,459.2 2,724.2 4,822.2 625.9 1,446.3 2,749.1 4,842.9 633.0 1,454.7 2,755.0 4,891.0 656.2 1,466.1 2,770.4 4,899.1 656.8 1,467.0 2,776.9 4,901.3 648.3 1,467.3 2,786.0 4,719.2 608.0 1,437.5 2,673.9 4,773.1 618.2 1,440.7 2,714.0 4,823.2 628.1 1,449.1 2,745.5 1,412.6 2,599.6 107.9 1,439.3 2,694.7 111.6 1,431.6 2,670.0 1,432.3 2,671.0 Implicit price deflator, 1992=100 110.5 110.7 111.4 111.8 112.0 112.3 112.3 112.4 112.4 112.€ 112. 113.0 Personal saving as percentage of disposable personal income 2 3.8 3.9 3.3 3.7 4.2 4.8 4.3 4.5 4.8 3.9 4.1 4.3 3.3 3.6 3.8 Percent change from preceding period Personal Income, current dollars 5.6 0.5 0.7 0.6 0.2 0.4 6.2 -0.1 0.6 0.7 0.6 0.2 0.3 0.6 Disposable personal income: Current dollars Chained (1992) dollars 6.0 3.3 4.7 2.3 .5 .3 .2 .4 .3 -.1 -.5 .4 .2 0 Personal consumption expenditures: 0.2 5.0 2.6 1.1 1.0 Chained (1992) dollars .

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

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

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

	,	ions of do		Billion	ns of cha	ined	Experiantics by Type of Experiantic	Billio	ons of do	ilars		ns of cha	
	1994	1995	1996	1994	1995	1996	, !	1994	1995	1996	1994	1995 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 Brokerage charges and investment counseling (s.)	370.4 36.2	389.1 38.8	421.1 47.2	352.1 37.8	350.7 41.8	363.6 50.0
Food and tobacco	761.7 451.6 254.3 8.1	783.8 462.2 264.1 8.4	805.7 478.4 268.7 8.7	735.0 434.5 245.1 7.8	737.9 433.4 248.7 7.9	736.5 434.7 246.6 8.0	Bank service charges, trust services, and safe deposit box rental (s.)	31.6	33.9	37.3	27.5	27.8	28.9
Food produced and consumed on farms (n.d.)	.5 47.3 633.6	652.0	.4 49.6 669.9	.5 47.2 608.7	.5 47.4 610.2	.4 46.8 608.7	noninsured pension plans (s.) Expense of handling life insurance ¹⁷ (s.) Legal services (s.) Funeral and burial expenses (s.)	151.5 72.6 48.8 11.1	159.8 75.4 49.1 12.2	169.9 79.9 52.2 12.8	146.5 68.1 45.3 10.1	141.9 67.9 44.0 10.5	143.9 68.5 45.2 10.4
consumption (n.d.)	53.9 27.0	54.9 28.2	57.3 28.9	53.7 25.6	54.5 25.9	55.5 25.7	Other 18 (s.)	18.5	19.9	21.8	17.1	17.6	18.7
Ciothing, accessories, and jeweiry Shoes (n.d.) Ciothing and accessories except shoes 2 Women's and children's (n.d.) Men's and boys' (n.d.) Standard clothing issued to military personnel (n. d)	312.7 36.0 211.6 137.5 74.1 .3	323.4 36.8 217.7 141.3 76.4 .3 12.3	336.3 38.1 226.0 145.8 80.2 .3 12.3	308.5 35.7 211.2 137.0 74.1 .3 11.0	321.8 36.6 220.6 144.2 76.4 .3 11.5	335.3 37.6 229.9 150.7 79.2 .3 11.3	Transportation User-operated transportation New autos (d.) Net purchases of used autos (d.) Other motor vehicles (d.) Tires, tubes, accessories, and other parts (d.) Repair, greasing, washing, parking, storage, rental, and	542.2 502.6 91.2 44.1 76.8 34.5	572.3 530.1 87.1 52.4 79.4 35.8	602.2 557.7 86.1 55.3 82.1 37.9	515.3 476.6 86.2 37.5 71.4 35.1	528.0 487.8 80.6 40.8 71.7 36.2	540.3 497.7 78.2 42.1 72.5 38.3
Cleaning, storage, and repair of clothing and shoes (s.) Jewelry and walches (d.)	37.7 15.6 68.4 45.3	39.3 17.1 71.9 47.2	41.6 18.1 75.7 49.9	35.6 14.7 65.5 43.7	36.8 16.0 67.9 45.0	39.7 16.6 70.1 47.0	leasing (s.) Gasoline and oil (n.d.) Bridge, tunnel, terry, and road tolls (s.) Insurance ¹⁹ (s.) Purchased local transportation	116.4 109.4 2.6 27.5 8.9	128.7 114.4 2.8 29.4 9.2	140.1 122.6 2.9 30.9 10.1	108.5 109.8 2.4 25.6 8.6	116.5 113.1 2.4 26.0 8.5	123.3 114.1 2.5 26.2 8.5
Toilet articles and preparations (n.d.) Toilet articles and preparations (n.d.) Housing Owner-occupied nonfarm dwellings space rent ⁴ (s.)	23.0 712.7 507.0	750.3 532.2	25.7 787.2 558.3	21.8 674.3 479.6	22.9 688.2 487.2	23.0 700.2 495.3	Mass transit systems (s.)	5.9 3.0 30.7 .7	6.0 3.2 33.0 .8	6.6 3.5 34.4 .8	5.7 2.9 30.1 .7	5.5 3.0 31.7	5.6 3.0 34.2 .7
Tenant-occupied northarm dwellings rent 5 (s.) Rental value of farm dwellings (s.) Other 6 (s.)	174.0 5.8 26.0	184.6 5.9 27.5	193.6 6.1 29.1	165.2 5.2 24.3	171.1 5.2 24.8	174.9 5.1 25.0	Railway (s.) Bus (s.) Airline (s.) Other ²⁶ (s.)	1.1 25.8 3.2	1.3 27.7 3.3	1.3 28.2 4.0	1.1 25.5 2.8	1.4 26.8 2.8	1.4 28.8 3.3
Household operation Furniture, including mattresses and bedsprings (d.) Kitchen and other household appliances (d.) China. glassware, tableware, and utensits (d.) Other durable house furnishings (d.) Semidurable house furnishings (n.d.)	535.0 45.9 25.6 24.0 52.3 27.2	562.8 48.0 27.2 25.3 54.5 28.9	591.9 49.6 27.8 27.4 58.2 30.1	514.5 43.2 25.0 23.5 51.4 25.7	533.6 44.2 26.6 25.0 53.1 26.9	548.4 44.6 27.1 26.9 56.1 28.2	Recreation	370.2 20.6 24.5 39.7	402.5 22.1 25.5 42.2 39.1	431.1 23.2 26.5 45.4 42.0	365.2 19.6 22.9 38.9	395.7 20.6 22.9 41.4 37.7	424.4 20.8 22.7 43.9 40.3
Cleaning and polishing preparations, and miscellaneous household supplies and paper products (n. d)	50.8 15.1 163.8 84.2	52.3 15.8 168.5 88.0	54.5 17.0 177.9 90.3	50.2 14.4 156.3 82.6	50.0 14.4 159.4 84.3	50.6 14.8 163.1 85.2	Video and audio products, computing equipment, and musical instruments (d.)	78.5 4.5 13.4	85.2 4.9 13.9	89.7 5.1 14.9	87.4 4.2 13.4	101.8 4.5 13.2	119.5 4.5 14.4
Gas (s.)	32.4 36.6 10.5	31.5 38.8 10.2	34.9 41.1 11.6	30.0 33.0 10.7	30.7 33.8 10.5	32.7 34.6 10.6	22.1 17.8 18.2 18.9 Motion picture theaters (s.) Legitimate theaters and opera, and entertainments of	5.6 8.2	6.0 8.7	6.3 9.3	5.2 7.7	5.4 7.9	5.4 8.0
Telephone and telegraph (s.) Domestic service (s.) Other 1º (s.) Medical care	82.6 11.9 35.8 826.1	90.2 12.8 39.4 871.6	96.9 12.5 40.1 912.8	79.6 11.2 34.2 751.0	86.6 11.7 35.9 766.2	91.1 11.0 35.3 782.4	Spectator sports ²¹ (s.)	5.2 11.8 36.2 3.3 83.1	5.5 12.7 41.5 3.3 91.9	6.4 13.0 46.2 3.5 99.6	4.9 11.2 34.1 3.1 79.1	5.0 11.5 38.0 3.1 85.5	5.5 11.8 41.1 3.1 89.3
Drug preparations and sundries ¹¹ (n.d.) Ophthalmic products and orthopedic appliances (d.) Prysicians (s.) Dentists (s.) Other professional services ¹² (s.) Hospitals and nursing homes ¹³ Hospitals	81.6 12.9 180.0 43.9 95.7 357.0	85.7 13.1 191.4 47.6 104.4 375.9	90.9 13.9 196.5 50.9 110.2 394.2	76.7 12.3 162.4 39.8 89.2 331.5	79.1 12.2 166.1 41.1 95.6 336.6	81.7 12.6 169.3 42.0 99.1 343.1	Education and research Higher education ²⁵ (s.) Nursery, elementary, and secondary schools ²⁶ (s.) Other ²⁷ (s.)	104.7 59.0 21.4 24.4	112.2 62.2 22.8 27.2	119.6 65.2 24.0 30.3	96.8 53.1 20.4 23.4	99.4 53.7 20.8 25.0	102.7 54.0 21.7 27.2
Nonprofit (s.)	298.1 200.2	310.6 207.9	325.1 217.3	276.9 187.8	278.5 188.2	284.4 191.8	Religious and welfare activities 28 (s.)	131.2 -18.3	139.8 22.1	150.5 -26.5	125.6 -16.2	128.6 -19.5	136.6 21.5
Proprietary (s.) Government (s.) Nursing homes (s.)	32.1 65.8 58.9	34.5 68.2 65.2	37.1 70.7 69.1	29.2 59.9 54.6	30.3 60.0 58.1	31.9 60.7 58.7	Foreign travel by U. S. residents (s.)	50.1 2.7	51.9 2.6	54.9 2.6	48.8 2.8	48.9 2.4	50.8 2.4
Health insurance	55.0 42.9 2.7	53.6 40.7 2.9	56.3 41.8 3.2	40.0 36.6 2.4 2.3	37.5 35.2 2.5 1.8	36.9 34.7 2.6	(s.)	69.7 1.4	75.2 1.4	82.7 1.2	66.4 1.3	69.5 1.3	73.5 1.1
Workers' compensation 16 (s.)	9.4	10.0	11.3	2.3	1.8	1.8	Residual				-5.7	-10.6	-17.8

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

ices.

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

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

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

sumption of fixed capitally of blue cross and blue Sitelia plans and of other independent prepara and self-insured health plans.

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

16. Consists of (1) operating as 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

premiums, less benefits and dividends, or traternal perient societies. Excludes expenses amounted by 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.

It improcessing, protographic studios, sporting and recreation camps, video cassette remais, 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) by research organizations and toundations. The expenditures services welfare, foreign relief, and political organizations, museums, libraries, and foundations. The expenditures are 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.).

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' 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 by nonresidents expenditures were \$0.2 billion, and medical expenditures were \$0.4 billion in 1981. Beginning the 1984, estimates of expenditures in the United States by nonresidents include substantially improved estimates of nonresidents' travel expenditures. Expenditures in the United States by nonresidents are subtracted from total personal consumption expenditures (line 110) because they are included in detailed type of expenditure estimates elsewhere in personal consumption expenditures.

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

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

^{3.} Consists of watch, clock, and jewelry repairs, costume and dress sult 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.

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

	Billio	ons of do	llars		ns of cha	
	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 Industrial	125.5 28.9 61.9 25.8 36.1 3.8 5.6 13.7 11.6	140.8 32.5 70.8 29.8 41.0 4.2 6.2 12.5 14.5	156.1 32.1 77.6 32.1 45.5 4.4 7.5 13.4 21.1	116.9 27.0 57.7 24.1 33.6 3.5 5.2 12.7 10.8	126.1 29.1 63.4 26.7 36.7 3.8 5.6 11.2 13.0	136.7 28.1 68.0 28.2 39.8 3.9 6.6 11.7 18.5
Utilities Railroads Telecommunications Electric light and power Gas Petroleum pipelines	32.0 3.3 10.1 13.0 4.6 1.0	33.2 3.5 11.0 12.3 5.5 .9	33.3 4.6 11.9 11.0 4.7 1.0	29.9 3.0 9.6 12.1 4.2 .9	30.0 3.1 10.1 11.0 5.0 .8	29.3 3.9 10.4 9.8 4.2 .9
Farm	3.2 16.7 14.7 1.9 6.9	3.0 16.3 14.8 1.5 6.9	3.7 16.1 14.8 1.3 5.7	3.0 15.8 14.0 1.8 6.6	2.7 14.3 13.0 1.3 6.3	3.2 13.9 12.7 1.1 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 Permanent site Single-family structures Multifamily structures Mobile homes Improvements Other 5	177.2 167.9 153.8 14.1 9.3 71.0	174.4 163.1 145.2 17.9 11.3 72.0	192.1 179.4 159.1 20.3 12.6 74.4 .6	162.0 153.7 140.1 13.6 8.3 68.4	153.1 143.5 126.9 16.9 9.5 67.3	165.2 154.8 136.6 18.6 10.3 67.7
Brokers' commissions on sale of structures	31.6 -1.0	32.1 -1.1	36.3 -1.6	30.4 9	30.3 -1.0	32.7 -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 domittories, fratemity and sorority houses, and nurses' homes.

Table B.6.—Private Purchases of Producers' Durable Equipment by Type

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

^{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.

^{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]

						EMINORS	oi dollarsj						
		Compensatio	on	Wage a	and salary a	ocruals		(Compensatio	on	Wage a	and salary a	ccruals
	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	Communications	67,070 51,679	71,112	75,153 56,202	55,320	58,933 44,315	62,279 46,361
Domestic industries	4,014,482	4,217,968	4,429,472	3,256,510	3,445,117	3,636,201	Telephone and telegraph	15,391	53,701 17,411	18,951	42,517 12,803	14,618	15,918
Private Industries	3,213,814	3,392,629	3,574,191	2,654,320	2,822,137	2,993,607	Electric, gas, and sanitary services	53,856	54,741	54,946	42,894	43,727	43,978
Agriculture, forestry, and fishing	34,780	37,011	39,619	29,852	31,915	34,476	Wholesale trade	259,828	276,202	289,438	217,964	234,467	246,452
Agricultural services, forestry, and	14,477	15,588	16,385	12,325	13,309	14,163	Retall trade	365,722	383,120	399,951	313,776	329,936	345,994
fishing	20,303	21,423	23,234	17,527	18,606	20,313	Finance, Insurance, and real estate Depository institutions	310,211 77,101	324,894 80,243	350,180 83,793	260,045 62,949	273,124 65,664	296,112 69,013
Mining Metal mining	32,656 2,791	32,892 3,145	33,678 3,358	26,378 2,187	26,843 2,518	27,644 2,707	Nondepository institutions	21,474	21,677	25,089	18,087	18,317	21,223
Coal mining	6,375	6,174	5,974	4,993	4,884	4,739	Security and commodity brokers	53,798 70,378	59,450 72,737	68,973 75,871	46,857 58,148	51,967 60,125	60,688 63,079
Oil and gas extraction Nonmetallic minerals, except fuels	19,069 4,421	18,929 4,644	19,539 4,807	15,606 3,592	15,628 3,813	16,240 3,958	Insurance agents, brokers, and service	29.514	31,008	32,828	25,039	26,384	28.031
Construction	182,016	193,746	209,279	147,425	157,684	172,234	Real estate	41,284 16,662	42,182	44,906	34,567	35,442	37,910
Manufacturing	792.034	816.853	839,754	625,496	651,750	675.067	Holding and other investment offices		17,597	18,720	14,398	15,225	16,168
Durable goods	486,844	505,167	521,750	379,616	398,272	416,061	Hotels and other lodging places	970,992 34,231	1,051,394 35,886	1,125,269 37.676	821,544 28,966	894,648 30.557	964,556 32.322
Lumber and wood products Furniture and fixtures	23,018 14,927	23,802 15,443	24,832 15,754	18,495 11,986	19,401 12,584	20,459 12,964	Personal services	22,439 168,265	23,495 193,888	24,609 221,473	19,383 142,292	20,405	21,518
Stone, clay, and glass products Primary metal industries	21,564 36,102	22,129 37,261	22,920 37,888	17,054 26,841	17,706 27,990	18,548 28,866	Business services Auto repair, services, and parking	25,924	27,830	30,388	22,053	165,300 23,824	190,526 26,212
Fabricated metal products	56,398	58,594	60,161	44,496	46,794	48,553	Miscellaneous repair services	10,222 14,426	11,247 16,837	12,103 18,956	8,709 12,224	9,650 14,399	10,455 16,289
Industrial machinery and equipment Electronic and other electric	95,407	100,891	105,182	76,720	82,191	86,528	Amusement and recreation services	31,264	34,526	37,235	26,179	29,150	31,764
equipment	72,726	77,181	80,895	58,302	62,681	66,179	Health services	325,041 56,886	344,680 58,333	359,179 60,452	271,678 48,407	289,564 49,761	303,790 51,905
Motor vehicles and equipment Other transportation equipment	61,771 47,367	65,047 46,243	65,911 47,105	42,384 36,861	44,886 36,172	46,377 37,186	Educational services	49,079	51,755	54,601	41,294	43,697	46,503
Instruments and related products	44,806	45,579	47,745	35,960	37,013	39,158	Social services and membership organizations	86,121	91,565	95,877	73.364	78.346	82,749
Miscellaneous manufacturing industries	12,758	12,997	13,357	10,517	10,854	11,243	Social services	42,375	45,862	48,350	35,109	38,282	40,766
Nondurable goods	305,190	311,686	318,004	245,880	253,478	259,006	Membership organizations Other services 1	43,746 136,059	45,703 149,531	47,527 161,263	38,255 116,205	40,064 128,432	41,983 139,316
Food and kindred products Tobacco products	59,381 2,768	61,042 2,949	62,422 3,014	47,614 2,062	49,527 2,215	50,746 2,268	Private households	11,035	11,821	11,457	10,790	11,563	11,207
Textile mill products	19,274	18,956	18,744	15,840	15,697	15,544	Government	800,668	825,339	855,281	602,190	622,980	642,594
Apparel and other textile products Paper and allied products	21,352 32,236	20,996 32,936	20,379 33,661	17,442 26,230	17,322 27,058	16,816 27,672	Federal	258,006	258,051	264,853	173,413	175,045	177,228
Printing and publishing Chemicals and allied products	58,652 63,653	60,387 65,393	62,308 67,538	48,193 50,743	50,087 52,582	51,718 54,411	General government	208,312 123,976	207,288 123,427	212,849 125,174	139,744 84,864	140,708 84,540	142,038 85,541
Petroleum and coal products	10,769	10,834	10,738	7,796	7,837	7,791	Military 2	84,336	83,861	87,675	54,880	56,168	56,497
Rubber and miscellaneous plastics products	34,133	35,322	36,478	27,527	28,784	29,803	Government enterprises State and local	49,694 542,662	50,763 567,288	52,004 590,428	33,669 428,777	34,337 447,935	35,190 465,366
Leather and leather products	2,972	2,871	2,722	2,433	2,369	2,237	General government	506,154	529,188	551.031	399,489	417,381	433,845
Transportation and public utilities	265,575	276,517	287,023	211,840	221,770	231,072	Education Other	265,457 240,697	279,024 250,164	292,665 258,366	207,472 192,017	217,962 199,419	228,252 205,593
Transportation	144,649	150,664	156,924	113,626	119,110	124,815	Government enterprises	36,508	38,100	39,397	29,288	30,554	31,521
Railroad transportation Local and interurban passenger	15,346	15,313	15,525	11,249	11,271	11,422	Rest of the world	-2,480	-2,534	-2,560	-2,480	-2,534	-2,560
transit	8,911	9,374	10,101	7,292	7,731	8,381	Receipts from the rest of the world	1,239 3,719	1,323 3,857	1,338 3,898	1,239 3,719	1,323 3,857	1,338 3,898
Trucking and warehousing	63,763 7,757	66,914 7,843	60,838 7,895	49,750 6,238	52,594 6,323	47,040 6,429	Less: Payments to the rest of the world 3	3,/19	3,05/	3,098	3,/19	3,007	3,090
Transportation by airPipelines, except natural gas	34,424 1,126	35,714 1,051	46,492 1.007	27,189 929	28,339 869	38,220 829	Addenda: Households and institutions	312,741	331,760	346,034			
Transportation services	13,322	14,455	15,066	10,979	11,983	12,494	Nonfarm business	2,972,798		3,303,173	***************************************	***************************************	
	L						L			l			

Consists of museums, botanical, zoological gardens; engineering and management services; and services, not elsewhere classified.
 Includes Coast Guard.
 Beginning with 1993, includes estimates of foreign professional workers and undocumented Mexican migratory.

workers employed temporarily in the United States.

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

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

SURVEY OF CURRENT BUSINESS

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

		me and pa employmen		Perso	ons engage roduction ¹	ed in			ne and par employmen			ns engage roduction 1	ed in
	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	Transportation services	405	423	431	392	419	434
Domestic industries	122,258	125,171	127,543	119,042	121,858	124,151	Communications Telephone and telegraph	1,293 916	1,307 915	1,347 936	1,192 844	1,219 851	1,258 873
Private industries	100,326	103,195	105,596	100,750	103,531	105,947	Radio and television Electric, gas, and sanitary services	377 933	392 906	411 882	348 931	368 909	385 878
Agriculture, forestry, and fishing	1,936 840 1,096	2,004 868 1,136	2,069 860 1,209	3,148 1,791 1,357	3,199 1,810 1,389	3,300 1,818 1,482	Wholesale trade	6,235 21 159	6,475 21.867	6,558	6,324	6,559	6,589
Mining Metal mining	1,096 606 49 49 113 339 5,197 18,428 10,507 1,396 2,000 852 860 404 1,566 1,566 1,566 1,566 1,566 1,566 1,47 954 116 6,000 3,834 233 407 1,843 1,683 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 1,756 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10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 10,911 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10,911	Finance, insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance agents, brokers, and service Real estate Holding and other investment offices Services Hotels and other lodging places Personal services, and parking Miscellaneous repair services Motion pictures Amusement and recreation services Health services Educational services Social services Social services Social services Membership organizations Other services Membership organizations Other services Gevernment Federal General government Civilian Military 3 Government Education Other Government Education Other Government Education Other Government Education Other Government Education Other	21,159 7,021 2,068 488 543 1,522 255 31,422 255 33,684 1,712 1,276 6,352 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 1,075 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2,141 4,760 2,534 2,141 4,760 2,534 2,141 4,760 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 2,534 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1,984 1,984 1,984	7,315 1,923 506 648 1,447 1,680 238 36,442 1,805 7,664 1,47 1,986 4,623 1,420 9,168 4,623 2,772 796 18,204 4,368 4,3562 1,9165 1,650 806 13,836 13,945 6,791 6,154
Pipelines, except natural gas	17	15		17	15	1,050	Rest of the world 4	-563	-569	-551	-482	-488	-485

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

Includes Coast Guard.
 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 Accruais Per Full-Time Equivalent Employee and Full-Time Equivalent Employees by Industry

		Dollars		•	Thousands				Dollars		•	Thousands	
	Wages full-t	and salari ime equiva	es per lent		ime equiva	alent			and salar ime equiva			ime equiva employees	alent
	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	Transportation services	29,593	30,884	31,551	371	388	396
Domestic industries	30,020	30,919	32,006	108,478	111,423	113,610	Communications Telephone and telegraph	46,802 50,736	49,316 52,945	50,716 54,287	1,182 838	1,195 837	1,228 854
Private Industries	29,432	30,314	31,378	90,186	93,096	95,406	Radio and television Electric, gas, and sanitary services	37,218 46,725	40,832 48,857	42,561 50,433	344 918	358 895	374 872
Agriculture, forestry, and fishing	17,833	18,331	18,870	1,674	1,741	1,827	Wholesale trade	36,504	37,817	39,256	5,971	6,200	6,278
Farms Agricultural services, forestry, and fishing	17,118 18,372	17,888 18,662	18,709 18,984	720 954	744 997	757 1,070	Retail trade	18,130	18,300	18,821	17,307	18,029	18,383
Mining	44,482 44,633	46,683	48,329	593	575	572	Finance, insurance, and real estate	39,282	41,698	44,629	6,620	6,550	6.635
Metal mining	44,633	48,423 47,417	50,130 48,856	49 110	52 103	54 97	Depository institutions	31,921	33,935	35,926	1,972	1,935	1,921
Oil and gas extraction	47,006	49,613	51,556	332 102	315	315	Nondepository institutions Security and commodity brokers	38,647 89,937	41,070 97,499	43,224 108,760	468 521	446 533	491 558
Nonmetallic minerals, except fuels	35,216	36,314	37,340	102	105	106	Insurance carriers	39,610	41,494	43,593	1,468	1,449	1,447
Construction	30,191	30,453	31,649	4,883	5,178	5,442	Insurance agents, brokers, and services	36,447	37,854	39,648	687	697	707
CONSTRUCTION	30,181	30,433	31,049	4,000	3,110	3,442	Real estate	27,456	28,308	29,780	1,259	1,252	1,273
Manufacturing	34,725	35,852	37,165	18,013	18,179	18,164	Holding and other investment offices	58,767	63,971	67,933	245	238	238
Durable goods	36,724	37,751	39,030	10,337 758	10,550 772 502	10,660	0		***		20.404		
Lumber and wood products	24,400	25,131	26,162	758	772	782	Services	27,886 19,585	28,987 20,117	29,935 20,733	29,461	30,864 1,519	32,222 1,559
Furniture and fixtures	24,312 32,299	25,068 33,345	26,085 34,799	493 528	502 531	497 533	Hotels and other lodging places Personal services	17,337	17.915	18,518	1,118	1,139	1,162
Primary metal industries	38,788	40,100	41,003	692	698	704	Business services	24,554	25,942	27,713	5,795	6,372	6.875
Fabricated metal products	32,455	32,954	34,072	1,371	1,420	1.425	Auto repair, services, and parking	21,943	22,454	23,074	1,005	1.061	1,136
Industrial machinery and equipment	39,063	40,093	41.761	1.964	2.050	2,072	Miscellaneous repair services	27.216	28,134	29,204	320	343	358
Electronic and other electric equipment	37,277	39,005	40,279	1,564 892	1,607 950	1,643	Motion pictures	34,434	36,639	37,706	355	393	432
Motor vehicles and equipment	47,516	47,248	48,410	892	950	958	Amusement and recreation services	22,904	23,680	24,509	1,143	1,231	1,296
Other transportation equipment	43,674 42,506	44,712 44,810	45,683 46,451	844 846	809 826	814 843	Health services	32,780	34,098	34,624	8,288	8,492	8,774
Miscellaneous manufacturing industries	27,317	28 192	28,902	385	385	389	Legal services	51,497	53,107	54,984	940	937	944
Nondurable goods	32,032	33,226	34,516	7.676	7.629	7.504	Educational services Social services and membership	23,637	24,263	24,895	1,747	1,801	1,868
Food and kindred products	29,157	30,163	30,681	1,633	385 7,629 1,642	1,654	organizations	19.266	19.834	20.346	3.808	3.950	4.067
Tobacco products	47,953	52,738	54,000	43	42	42	Social services	17,381	17,931	18,396	2,020	2,135	2,216
Textile mill products	23,642 18,169	24,002 18,828	24,950 19,877	670 960	654 920	623 846	Membership organizations	21,395	22,074	22,681	1,788	1.815	1,851
Apparel and other textile products	38,292	39,558	40,935	685	684	676	Other services 2	43,984	45,754	47,146	2,642	2,807	2,955
Printing and publishing	33,259	34,543	35,791	1,449	1.450	1.445	Private households	13,143	14,118	14,079	821	819	796
Chemicals and allied products	48,932	51,200	53,344	1,037	1.027	1.020		00000	00 000	05.000	40.000	40.007	40.004
Petroleum and coal products	53,766	55,190	56,457	145	142	138	Government	32,921 37,205	33,992 38,641	35,300 40,574	18,292 4,661	18,327 4,530	18,204 4,368
Rubber and miscellaneous plastics			00 004		200		General government	36,138	37,774	39,876	3,867	3,725	3,562
products Leather and leather products	29,253 21,531	29,921 22,349	30,884 23,547	941 113	962 106	965 95	Civilian	41,357	42.611	44,739	2,052	1,984	1,912
reamer and leather blooders	21,001	25,073	20,047	'13	100	30	Military 3	30,237	32,262	34,241	1,815	1,741	1,650
Transportation and public utilities	37,401	38,369	39,278	5,664	5,780	5,883	Government enterprises	42,404	42,655	43,660	794	805	808
Transportation	31,882	32,279	32,994	3,564	3,690	l 3.783 l	State and local	31,456	32,466	33,634	13,631	13,797	13,836
Railroad transportation	51,132	51,232	53,877	220	220	212	General government	31,323 31,269	32,330 32,195	33,514	12,754 6,635	12,910 6,770	12,945 6,791
Local and interurban passenger transit	19,655 28,924	20,133 29,366	20,848 30,348	371 1,720	384 1,791	402 1,550	Education Other	31,269	32,195	33,611 33,408	6,119	6,140	6,154
Trucking and warehousing	37,353	37,862	38,729	1,720	167	166	Government enterprises	33,396	34,446	35,377	877	887	891
Transportation by air	38,953	39.088	36,644	698	725 15	1,043	,	**,***	0-1,10	00,0.,			i "
Pipelines, except natural gas	54,647	57,933	59,214	17	15	14	Rest of the world 4		***************************************		-482	-488	-485

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.
 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

	Billio	ons of do	llars		ns of cha	
	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 92.8 88.1 5.8 .5 4.9 10.8 9.7	193.9 106.9 87.0 5.9 .5 5.6 -7.9 -8.2	204.2 111.4 92.9 6.1 .4 6.3 2.9 4.1 -1.3	178.2 88.4 89.9 5.2 .5 4.8 11.7 9.2	188.5 96.9 91.3 5.2 .5 5.2 -9.2 -7.7	179.0 88.9 90.5 5.1 .4 5.3 2.6 3.0 -1.5
Less: Intermediate goods and services purchased	119.4 105.3 14.1	124.4 110.0 14.3	130.6 113.7 16.8	114.7 100.7 14.0	117.6 103.4 14.2	117.3 101.2 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 6.6	5.1 6.1	5.1 6.1			
Equals: Farm national income	61.5 14.6 12.3 2.2	49.7 15.7 13.3 2.4	64.9 16.5 14.2 2.3			
profits with IVA and CCAdj	37.8 36.9 .9 9.1	24.7 23.4 1.2 9.4	38.6 37.2 1.4 9.8			

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. CCAdj Capital consumption adjustment IVA inventory valuation adjustment

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

	Billio	ons of do	llars		ns of cha 992) dolla	
	1994	1995	1996	1994	1995	1996
Housing output 1	686.7	722.7	758.1	649.9	663.4	675.2
Nonfarm housing	680.9 507.0 174.0 5.8	716.8 532.2 184.6 5.9	752.0 558.3 193.6 6.1	644.8 479.6 165.2 5.2	658.3 487.2 171.1 5.2	670.2 495.3 174.9 5.1
Less: Intermediate goods and services consumed	87.6	88.5	94.1	83.1	82.1	85.3
Equals: Gross housing product Nonfarm housing Owner-occupied Tenant-occupied Farm housing	599.1 594.4 439.5 155.0 4.7	634.2 629.2 462.8 166.4 5.0	664.0 658.8 484.0 174.9 5.1	566.8 562.7 415.6 147.1 4.2	581.3 577.0 423.1 153.9 4.3	589.9 585.7 428.3 157.5 4.2
Less: Consumption of fixed capital	120.5 60.9 - 59.6	114.8 59.6 - 55.1	118.2 62.8 -55.4	112.2	103.6	104.6
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 17.6 96.7 4.2 260.2	8.1 25.2 104.3 5.1 281.3	8.5 27.1 115.8 5.6 292.0			

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

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. CCAdj Capital consumption adjustment IVA Inventory valuation adjustment

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

[Yearend estimates]

		Current-c	ost valuatio	n (billions o		Chain-type	quantity	indexes (19	992=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	603.2 119.0	629.0 120.7	650.4 128.3	673.8 138.5	704.0 151.2	785.4 175.7	94.86 87.31	100.00	106.40 120.18	113.96 144.51	125.25 189.31	140.31 264.83
Computers and peripheral equipment	99.5	101.0	107.9	118.0	130.4 20.9	153.9	85.14 99.35	100.00	124.20	154.49 101.08	211.49 101.82	308.42 108.04
Other office equipment	19.5 318.9	19.7 330.8	20.4 333.0	20.6 335.3	342.7	21.8 391.5	97.21	100.00	101.27 102.41	106.50	112.84	120.39
InstrumentsPhotocopy and related equipment	101.4 64.0	109.9 67.5	117.9 71.2	124.1 75.8	130.6 79.4	136.2 82.0	95.09 97.52	100.00	105.34 104.27	109.32 109.02	112.73 112.00	116.19 113.98
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 46.0	51.8 47.1	53.2 48.2	56.8 51.5	58.4 52.5	59.7 53.5	97.84 97.48	100.00	102.12 102.13	104.56 104.33	105.58 104.68	105.86 104.57
Internal combustion engines	4.8	4.7	5.0	5.4 183.0	5.9 197.0	6.3	101.47	100.00	102.06 100.48	106.76 102.74	114.34	118.43 109.54
Metalworking machinery Special industry machinery, n.e.c	167.1 193.4	168.8 199.4	174.4 207.5	218.2	232.1	205.8 240.0	100.38 99.14	100.00 100.00	101.85	104.03	106.16 107.46	109.64
General industrial, including materials handling, equipment Electrical transmission, distribution, and industrial apparatus	185.7 213.6	189.0 221.0	194.9 228.7	202.5 240.5	212.5 256.7	220.8 261.6	100.53 97.65	100.00	100.70 102.57	102.25 105.65	104.37	107.35 112.29
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 Aircraft	102.5 114.4	107.6 121.2	111.7 127.1	124.6 129.2	131.1 136.2	138.0 140.3	97.44 97.17	100.00 100.00	100.93 102.25	109.20 100.57	113.03 101.80	117.20 103.08
Ships and boatsRailroad equipment	45.5 68.2	45.1 67.1	45.6 69.0	44.7 72.7	44.3 78.8	44.4 78.3	103.69 101.16	100.00	98.25 99.65	95.33 100.79	92.42	89.79 102.81
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 Other furniture	9.01	9.1 137.0	9.4 144.4	9.7 153.3	10.1 164.9	10.5 175.7	100.22 96.59	100.00	100.43 103.21	101.74 106.12	103.22	105.88 115.79
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 11.8	42.4 11.7	43.2 11.9	45.1 12.1	46.8 12.3	48.2 12.7	102.43	100.00	100.28 97.68	102.61 96.85	105.11	107.84 97.69
Agricultural machinery, except tractors Construction machinery, except tractors	65.4 66.7	64.9 66.0	65.6 66.8	67.1 69.6	69.9 73.2	72.2 77.1	103.85 104.46	100.00	98.79 99.09	99.07 100.51	99.89 103.15	101.40 106.11
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 Electrical equipment, n.e.c	61.0 41.5	60.3 44.6	61.0 47.2	64.5 48.9	69.2 50.3	76.7 50.9	103.27	100.00	99.38 104.87	103.02 107.43	107.46 109.26	117.36 111.42
Household appliances	4.5	4.6	4.7	4.9	5.1	5.2 45.7	99.31	100.00	101.98 105.20	104.43 107.77	107.35	110.74 111.49
OtherOther nonresidential equipment	37.0 81.2	40.1 83.0	42.5 87.7	44.0 92.4	45.2 97.2	102.1	93.87 98.81	100.00	103.18	106.40	109.47 109.34	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	2,593.9 589.7	2,686.1 613.0	2,834.9 636.2	3,011.3 673.6	3,144.1 700.7	3,299.0 725.9	98.44 98.36	100.00	101.38 100.17	102.97 101.44	105.02 103.03	107.92 104.54
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 6.4	678.7 i 6.6	717.2 7.2	765.0 7.9	803.8 8.3	855.8 8.7	98.46 98.26	100.00	101.96 101.54	103.93 103.27	106.63 105.36	111.20 107.95
Other commercial ² Religious buildings	647.4 119.7	672.1 123.5	710.1 129.4	757.1 136.6	795.51 141.4	847.1 146.2	98.47 99.10	100.00 100.00	101.97 101.10	103.94 102.06	106.64 103.23	111.24 104.47
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 buildingsOther	246.2 270.8	259.8 277.6	276.7 290.6	297.9 307.0	311.6 319.9	325.6 340.5	96.87 99.67	100.00	102.72 100.79	105.71 101.88	108.08 103.76	110.59 108.01
Hotels and motels	135.6 67.8	139.2 70.2	145.9 73.7	153.7 78.6	161.0 83.2	173.3 88.7	99.51 98.63	100.00	101.03 101.25	101.79 103.20	104.25 106.83	109.82 111.45
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 Telecommunications	266.7 181.1	272.4 185.3	290.1 194.0	294.0 204.8	300.3 218.3	311.1 229.9	100.93 98.21	100.00 100.00	99.08 101.66	98.22 103.71	97.42 106.33	96.92 109.22
Electric light and power	410.9 136.8	423.8	443.4 153.0	459.6 160.0	476.5	481.8	99.61 97.56	100.00 100.00	100.86 101.42	100.77 101.99	101.20 102.88	101.28 103.23
Petroleum pipelines	36.8	143.1 37.5	39.6	41.2	163.1 41.5	170.4 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 Petroleum and natural gas	263.8 234.7	259.0 229.3	260.1 229.2	274.5 241.6	283.7 250.0	278.5 244.5	101.90 102.17	100.00	99.14 98.97	98.31 97.82	97.36 96.76	95.89 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 5,057.2	6,538.7 5,327.0	6,927.8 5,667.3	7,407.2	7,717.5 6,322.4	8,107.1	98.25	100.00	102.14	104.47	106.75	109.25 108.99
Housing unitsPermanent site	4,959.6	5,226.1	5,667.3 5,557.9	6,078.4 5,956.2	6,190.1	6,639.3 6,497.7	98.37 98.36	100.00 100.00	102.00 102.00	104.20 104.17	106.43 106.36	108.86
1-to-4-unit 5-or-more-unit	4,226.4 733.2	4,465.3 760.7	4,796.1 761.9	5,182.3 773.8	5,398.5 791.5	5,662.9 834.8	98.09 99.97	100.00	102.37 99.78	105.01 99.05	107.45 99.64	110.22 100.47
Mobile homes	97.6	100.9	109.4	122.2	132.3	141.5	99.10	100.00	102.02	105.56	110.07	115.21
Improvements Other residential 5	1,124.7 25.9	1,185.1 26.6	1,232.6 27.8	1,299.8 29.0	1,365.8 29.3	1,438.0 29.9	97.64 100.98	100.00	102.83 99.67	105.87 98.53	108.42 97.95	110.75 97.69
Outer residential	1 20.0	_0.0						.00.00	55.07	00.00	31.00	

n.e.c. Not elsewhere classified.

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

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]

	Billions	of chained (1992) dollars	Percent change	from preceding	Chain-tyne	price indexes	Implicit pric	e deflators	Pe	ercent change from	n preceding perior	
Year and		 	, domaid	peri	od	Chair type (1100 11100.000	Impilot prio	Guidioro		price index	Implicit price	
quarter	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	<u>_</u>	Gross domestic purchases	 	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 1961	2,262.9 2,314.3	2,264.2 2,318.0	2,276.0 2,329.1	2.4 2.3 6.1	2.6 2.4	23,27 23,54	22.75 23.00	23.27 23.54	23.28 23.55	1.4 1.2	1,4 1,1	1,4 1,2	1.4 1.2
1962 1963	2,454.8 2,559.4	2,445.4 2,552.4 2,705.1	2,471.5 2,577.3 2,727.8	4.3	5.5 4.4	23.84 24.12	23.28 23.58	23.84 24.12	23.85 24.13	1.2 1.3 1.2 1.5	1.2 1.3	1.2 1.3 1.2 1.5	1.2 1.3 1.2 1.5
1965	2,708.4 2,881.1	2,705.1	2,727.8 2,901.4	5.8 6.4	6.0 5.7	24.48 24.95	23.94 24.39	24.48 24.96	24.49 24.97	1.5	1.6 1.9	2.0	
1966 1967	3,069.2 3,147.2	3,033.5 3,125.1	3,087.8 3,166.4	6.5 2.5	6.1 3.0	25.66 26.48	25.07 25.83	25.67 26.49	25.68 26.50	2.8 3.2	2.8 3.0	2.8 3.2	2.0 2.8 3.2 4.4 4.7
1968 1969	3,293.9 3,393.6	3,278.0 3,377.2	3,314.5 3,413.3	4.7 3.0	4.9 3.0	27.64 28.94	26.95 28.21	27.64 28.94	27.66 28.96	4.4 4.7	4.3 4.7	4.4 4.7	
1970 1971	3,397.6 3,510.0	3,406.5 3,499.8	3,417.1 3,532.1	.1 3.3	.9 2.7	30.48 32.05	29.73 31.32	30.48 32.06	30.50 32.08	5.3 5.2	5.4 5.3	5.3 5.2	5.3 5.2 4.2 5.6
1972	3,702.3 3,916.3	3,689.5 3,883.9	3,726.3 3,950.1	5.5 5.8	5.4 5.3	33.42 35.30	32.71 34.64	33.42 35.30	33.44 35.32	4.2 5.6	5.4 5.3 4.5 5.9	4.2 5.6	4.2 5.6
19/4	3,891.2 3,873.9	3,873.4 3,906.4	3,930.2 3,903.3	6	3 .9	38.46 42.09	38.17 41.72	38.47 42.09	38.49 42.11	8.9 9.4	10.2 9.3	9.0 9.4	8.9
1975 1976 1977	4,082.9 4,273.6	4,061.7 4,240.8	4,118.8 4,314.5	4 5.4 4.7	4.0 4.4	44.55 47.42	44.15 47.18	44.55 47.43	44.58 47.46	5.8 6.5	5.8 6.9	5.8 6.5	5.9 6.5
1978 1979	4,503.0 4,630.6	4,464.4 4,614.4	4,543.7 4,687.4	5.4 2.8	5.3 3.4	50.88 55.22	50.65 55.22	50.89 55.23	50.92 55.26	7.3 8.5	7.4 9.0	7.3 8.5	9.4 5.9 6.5 7.3 8.5
1980	4,615.0	4,641.9	4,670.8	3	.6	60.34 66.01	61.10 66.72	60.33 66.01	60.36 66.05	9.3 9.4	10.7	9.2	9.2 9.4 6.3
1981 1982 1983	4,720.7 4,620.3 4,803.7	4,691.6 4,651.2 4,821.2	4,769.9 4,662.0 4,844.8	2.3 -2.1 4.0	1.1 9 3.7	70.18 73.16	70.64 73.31	70.17 73.16	70.21 73.20	6.3 4.3	9.2 5.9 3.8	9.4 6.3 4.3	6.3 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 1986 1987	5,323.5 5,487.7	5,296.9 5,480.9	5,346.7 5,501.2	3.6 3.1	4.6 3.5	78.53 80.58	78.34 80.40	78.53 80.58 83.06	78.57 80.62 83.09	3.4 2.6 3.1	3.2 2.6 3.4	3.4 2.6 3.1	3.4 2.6
1987 1988 1989	5,649.5 5,865.2 6,062.0	5,626.0 5,855.1 6,028.7	5,658.2 5,878.5 6,075.7	2.9 3.8 3.4	2.6 4.1 3.0	83.06 86.10 89.72	83.11 86.13 89.78	86.09 89.72	86.12 89.75	3.7 4.2	3.6 4.2	3.7 4.2	3.4 2.6 3.1 3.7 4.2
1990	6,136.3	6,126.7	6,157.0	1.2 9	1.6 7	93.64	93.83	93.60	93.63	4.4	4.5	4.3	1
1991	6,079.4 6,244.4	6,082.6 6,237.4	6,094.9 6,255.5 6,408.0	9 2.7 2.3 3.5	2.5 2.1 2.9	97.32 100.00	97.30 100.00 102.48	97.32 100.00 102.64	97.33 100.00 102.63	3.9 2.8 2.6 2.4	3.7 2.8 2.5 2.3	2.8	4.3 4.0 2.7 2.6 2.4
1993 1994	6,389.6 6,610.7	6,368.9 6,551.2	6,619.1			102.64 105.09	104.85	105.09	105.08	l	1	2.6 2.4	ı
1995 1996	6,742.1 6,928.4	6,712.7 6,901.0	6,748.7 6,932.0	2.0 2.8	2.5 2.8	107.76 110.22	107.52 109.86	107.76 110.21	107.73 110.18	2.5 2.3	2.5 2.2	2.5 2.3	2.5 2.3
1959: 1	2,165.0 2,223.3	2,165.5 2,204.2	2,176.2 2,234.5 2,233.5	8.6 11.2	9.2 7.3 5.3	22.86 22.92	22.35 22.41	22.92 22.91	22.93 22.91	.8 1.1	1.1 1.1	.8 3	.8 3 .6
HJ IV	2,223.3 2,221.4 2,231.0	2,204.2 2,232.6 2,225.3	2,233.5 2,243.9	3 1.7	5.3 -1.3	22.96 23.05	22.45 22.53	22.94 23.03	22.95 23.04	.7 1.5	.7 1.5	.6 1.6	1.6
1960: 	2,279.2 2,265.5	2,248.5 2,268.4	2,291.6 2,278.2	8.9 -2.4	4.2 3.6	23.10 23.21	22.57 22.69	23.13 23.22	23.14 23.23	.9 2.0	.8 2.1	1.8 1.5	1.9 1.5 1.7 1.4
III IV	2,265.5 2,268.3 2,238.6	2,265.1 2,274.7	2,281.6 2,252.7	.5 -5.1	6 1.7	23.32 23.44	22.80 22.92	23.32	23.33 23.41	2.0 2.1	2.0 2.1	1.5 1.7 1.4	1.7 1.4
1961: I	2,251.7 2,292.0	2,277.7 2,301.1	2,266.8 2,306.3	2.4 7.4	5 4.2	23.48 23.51	22.96 22.97	23.45 23.51	23.46 23.52	.7	.6	.9 1.0	.9 1.0 .8
in IV	2,332.6 2,381.0	2,320.4 2,372.8	2,347.1 2,395.9	7.3 8.6	3.4 9.3	23.55 23.61	23.01 23.06	23.56	23.52 23.57 23.64	.5 .7 1.1	.2 .7 .9	1.2	1.2
1962:	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	
H	2,448.0 2,471.9 2,476.7	2,440.7 2,462.0 2,478.7	2,464.4 2,488.4 2,495.9	4.3 4.0 .8	6.9 3.5 2.7	23.80 23.86 23.96	23.24 23.31 23.41	23.81 23.87 23.94	23.81 23.87 23.95	1.1 1.1 1.7	1.4 1.1 1.8	1.0 1.0 1.2	2.0 1.0 1.0 1.2
1963: I	2,508.7	2,492.4	2,526.9	5.3	2.2	24.03		1	24.01			1.1	1.1
 	2,538.1 2,586.3		2,555.5 2,604.0	4.8 7.8	6.8 7.2	24.07 24.11	23.48 23.53 23.58	24.07 24.12	24.08 24.13	1.2 .6 .7			
IV 1964: I	2,604.6 2,666.7	2,605.3 2,663.1	2,622.9 2,686.8	2.9 9.9	9.2	24.26 24.33	23.72	24.29 24.35	24.30 24.36	2.4 1.2	2.5	3.0	3.0
H M	2,697.5 2,729.6	2,695.0 2,727.6	2,716.8 2,749.5	4.7 4.8	4.9 4.9	24.41 24.53	23.89 23.99	24.41 24.52	24.42 24.53	1.3 1.9	1.5 1.8	.9 1.8	.9 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	1	2.1
1965: 	2,808.9 2,846.3 2,898.8	2,826.7	2,830.0 2,868.2 2,918.9	10.5 5.4 7.6	6.4 7.3 7.7	24.76 24.88 25.01	24.19 24.31 24.44	24.77 24.88 25.01	24.78 24.89 25.02	2.0 2.0 2.1	1.6 2.0 2.2	1.9	2.0 1.9 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	2.1 2.6
1966: 1	3,042.4 3,055.5	3,008.8 3,023.1	3,061.1 3,074.2	10.0 1.7	7.1 1.9	25.30 25.50	24.73 24.93	25.32 25.53	25.34 25.54	2.2 3.2	1.9	3.2	2.5 3.3 4.2 3.5
III	3,076.5 3,102.4		3,094.7 3,121.4	2.8 3.4	3.2 1.0	25.82 26.03	25.22 25.41	26.02	25.81 26.03	5.1 3.4		4.2 3.5	3.5
1967: I	3,127.2 3,129.5	3,119.0	3,145.9 3,147.7	3.2 .3 3.2 3.1	4.1 4.4	26.16 26.32	25.52 25.67	26.14 26.31	26.15 26.32	2.0 2.5 3.9 4.6	1.6 2.5 3.9	1.9 2.5	2.0 2.5 4.5 4.6
III	3,154.2 3,178.0	3,134.2	3,174.4	3.2 3.1	2.0 3.5	26.57 26.87	25.92	26.60 26.90	26.61	3.9 4.6	3.9 4.5	4.5 4.6	4.5 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]

	Billions o	f chained (1992) dollars	Percent change	from preceding		ally adjusted at price indexes	Implicit pric	e deflators	Pe	rcent change from	n preceding period	<u> </u>
Year and quarter	Gross domestic	Final sales of	Gross national	per	iod Final sales of	Gross domestic	Gross domestic	Gross domestic	Gross national	Chain-type	price index	Implicit price	e deflators
quarter	product	domestic product	product	Gross domestic product	domestic product	product	purchases	product	product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
1968:	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
	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
	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
	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:	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
	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
	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
	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: J	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
JI	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
JII	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: \	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
	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
	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
	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: / II III	3,800.9 3,835.2 3,907.0 3,952.5	3,848.3 3,887.9 3,922.7 3,966.7	3,827.3 3,861.8 3,936.1 3,987.9	-5.4 3.7 7.7 4.7	2.8 4.2 3.6 4.6	41.04 41.67 42.44 43.21	40.69 41.34 42.05 42.79	41.05 41.66 42.41 43.19	41.07 41.68 42.44 43.22	9.2 6.3 7.6 7.4	8.8 6.5 7.0 7.2	9.5 6.1 7.4 7.6	9.5 6.1 7.4 7.8
1976:	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
	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
	4,088.5	4,061.7	4,124.8	1.6	2.3	44.78	44.42	44.77	44.80	5.7	6.1	5.7	5.7
	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:	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
	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
	4,329.5	4,270.0	4,371.2	6.7	4.0	47.74	47.55	47.66	47.69	5.7	6.4	5.1	5.1
V	4,328.3	4,303.3	4,365.0	−.1	3.2	48.55	48.36	48.63	48.66	7.0	7.1	8.4	8.4
1978:	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
	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
	4,552.1	4,511.6	4,591.1	3.7	3.4	51.32	51.11	51.27	51.30	7.3	7.3	7.0	7.1
	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 II III	4,605.7 4,615.6 4,644.9 4,656.2	4,579.0 4,577.0 4,639.2 4,662.5	4,652.6 4,668.7 4,708.8 4,719.5	.2 .9 2.6 1.0	1.2 2 5.5 2.0	53.46 54.70 55.82 56.92	53.21 54.52 55.89 57.25	53.51 54.65 55.82 56.92	53.54 54.68 55.85 56.95	8.6 9.6 8.5 8.1	9.0 10.2 10.4 10.2	9.1 8.8 8.9 8.1	9.1 8.8 8.9 8.1
1980: /	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
//	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
//	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
//	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 II III	4,739.2 4,696.8 4,753.0 4,693.8	4,692.9 4,699.0 4,702.5 4,672.0	4,787.7 4,742.6 4,801.4 4,747.9	7.7 -3.5 4.9 -4.9	1.4 .5 .3 -2.6	64.19 65.35 66.65 67.85	64.96 66.15 67.27 68.48	64.15 65.37 66.65 67.87	64.20 65.42 66.69 67.91	10.7 7.4 8.2 7.4	10.7 7.5 7.0 7.3	10.3 7.8 8.0 7.5	10.4 7.8 8.0 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
N	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 II III	5,053.6 5,132.9 5,170.3 5,203.7	4,961.0 5,050.0 5,085.6 5,149.9	5,092.6 5,172.4 5,209.5 5,237.5	9.6 6.4 3.0 2.6	3.4 7.4 2.9 5.2	75.00 75.62 76.25 76.82	75.04 75.65 76.19 76.71	75.02 75.58 76.25 76.81	75.06 75.63 76.29 76.85	4.4 3.3 3.4 3.0	4.4 3.3 2.9 2.7	4.5 3.1 3.5 3.0	4.5 3.1 3.6 2.9
1985: l	5,257.3	5,231.7	5,280.3	4.2	6.5	77.64	77.38	77.63	77.67	4.3	3.6	4.4	4.3
II	5,283.7	5,261.0	5,310.8	2.0	2.3	78.25	78.02	78.25	78.29	3.2	3.3	3.3	3.2
III	5,359.6	5,336.9	5,378.4	5.9	5.9	78.80	78.58	78.76	78.80	2.8	2.9	2.6	2.6
IV	5,393.6	5,358.0	5,417.5	2.6	1.6	79.44	79.37	79.45	79.49	3.3	4.1	3.5	3.5
1986: I II III	5,460.8 5,466.9 5,496.3 5,526.8	5,410.5 5,448.4 5,518.2 5,546.6	5,481.1 5,480.1 5,510.4 5,533.1	5.1 .4 2.2 2.2	4.0 2.8 5.2 2.1	79.81 80.26 80.81 81.44	79.77 79.97 80.60 81.25	79.81 80.22 80.84 81.45	79.85 80.26 80.88 81.49	1.9 2.2 2.8 3.2	2.0 1.0 3.2 3.3	1.8 2.1 3.1 3.1	1.8 2.1 3.1 3.0
1987:	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
	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
	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
	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: J II III IV	5,785.3 5,844.0 5,878.7 5,952.8	5,774.2 5,840.1 5,869.2 5,937.0	5,802.3 5,857.5 5,889.4	2.4 4.1 2.4 5.1	6.2 4.6 2.0	84.69 85.56 86.67 87.46	84.81 85.68 86.58 87.44	84.67 85.56 86.66 87.44	84.69 85.59 86.69	2.9 4.2 5.3 3.7	3.0 4.2 4.3 4.0	2.7 4.3 5.2 3.7	2.8 4.3 5.2 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]

	Billions o	of chained (1992)) dollars	Percent change		Chain-type (orice indexes	Implicit pric	e deflators	Pe	ercent change from	preceding period	<u> </u>
Year and guarter	Gross domestic	Final sales of	Gross national	peri	Final sales of	Gross domestic	Gross domestic	Gross domestic	Gross national	Chain-type	price index	Implicit price	e deflators
quarter	product	domestic product	product	Gross domestic product	domestic product	product	purchases	product	product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
1989: I II IV	6,011.0 6,055.6 6,088.0 6,093.5	5,970.0 6,010.9 6,063.1 6,070.8	6,023.1 6,065.5 6,101.8 6,112.3	4.0 3.0 2.2 .4	2.2 2.8 3.5 .5	88.44 89.40 90.13 90.91	88.47 89.52 90.14 90.98	88.45 89.39 90.13 90.88	88.48 89.42 90.16 90.91	4.5 4.4 3.3 3.5	4.8 4.8 2.8 3.8	4.7 4.3 3.3 3.4	4.7 4.3 3.3 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:	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
	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
	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
	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 II IV	6,524.5 6,600.3 6,629.5 6,688.6	6,473.0 6,526.7 6,580.4 6,624.8	6,540.5 6,609.3 6,635.6 6,691.2	3.0 4.7 1.8 3.6	1.2 3.4 3.3 2.7	104.16 104.74 105.39 106.07	103.80 104.46 105.24 105.88	104.13 104.71 105.39 106.09	104.14 104.71 105.38 106.06	2.5 2.2 2.5 2.6	2.0 2.6 3.0 2.5	2.4 2.2 2.6 2.7	2.5 2.2 2.6 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 II III	7,101.6 7,159.6 7,221.8	7,034.1 7,077.7 7,164.0	7,091.8 7,144.4	4.9 3.3 3.5	3.0 2.5 5.0	111.78 112.27 112.66	111.32 111.55 111.89	111.71 112.22 112.60	111.67 112.17	2.4 1.8 1.4	1.9 .8 1.2	2.4 1.8 1.4	2.4 1.8

Table C.2.—Real Gross Domestic Product

[Average annual percent change, based on chained (1992) dollar estimates]

Terminal year	T												Initial	year												
Terminal 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 2.8 2.8 3.1 3.1 3.0 3.0 3.0 3.0 3.1 3.5 3.5 3.3 3.1 3.5 4.4	3.1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	667.666.89.99.988.447.823.955.58 222.222222222222222222222222222222	5555555787766519448884456 6686868848688456	777.677.90.099.984.289.57.244.	&&@&&@	27777770110009931991307 2272273333333343547	66656580988887065614 222222222222222222222222222222222222	2.4 2.4 2.4 2.6 2.7 2.6 2.5 2.5 2.4 2.1 3.6 6.1 2.8	444333366775554191103	2.66.65.96.59.99.99.99.99.99.99.99.99.99.99.99.99.	66.66.66.04.1.0.1.0.9.9.1 2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	2.99 3.00 3.1 3.60 4.1 4.4 4.8 5.0	2.9 2.9 2.9 3.0 3.6 4.0 4.1 4.5 5.3 7.0	5.5.5.4.5.4.0.4.4.0.3.3.6 2.2.2.2.2.2.3.3.3.3.3.3.3.3.3.3.3.3.3.3	2.4 2.4 2.3 2.3 2.3 2.3 2.3 3.3 3.3 3.3 3.3 3.3	434424 22424 2449 2449	3.2.3.1.0.9.8.6.8 2.3.2.3.6.8.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3	2.1 2.0 2.0 1.7 1.6 1.23 2.3 3.4	1.9 1.8 1.7 1.3 1.0 .1 1.2	1,9 1.9 1,4 .9	2.6 2.6 2.5 2.7	2.6 2.6 2.9 2.3	2.7 2.7 3.5	2.4	2.8

Table C.3.—Chain-Type Price Index for Gross Domestic Product

[Average annual percent change]

Terminal year													Initial	year												
Terminal 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	5.1.2.3.4.5.7.8.8.9.5.5.5.8.8.9.6.5.7.0.2.3.1.8.6.5.5.7.0.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.6.5.5.7.0.0.7.2.3.1.8.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	5.1.2.3.4.6.7.8.9.0.1.5.5.5.5.5.5.5.6.6.9.7.7.5.3.0.8.6.7.6.7.6.6.7.6.7.6.6.7.6.6.7.6.9.2.4.2.4.2.4.2.4.2.4.2.4.2.4.2.4.2.4.2	5.122 5.55 5.66 6.35 6.61 7.7.7 7.7.7 7.7.3 7.50 7.7.6	5.1.2.3.5.6.6.5.5.5.5.5.5.5.5.6.6.6.9.2.6.9.7.7.7.7.1.2.9.8.7.7.7.7.8.9.8.9.8.9.9.9.9.9.9.9.9.9	4.9.0 5.5.5 5.5.5 5.5.5 5.5.5 5.5.5 6.4.7 7.8.0 7.5.2 7.6.4 7.5.2 7.6.4 9.4	4.7.8.4.5.5.5.5.5.5.5.5.6.6.6.7.7.7.7.6.6.5.5.5.5	4.8.9.0.2.3.4.5.6.8.1.5.9.3.9.2.9.4.9.5 5.5.5.5.5.5.6.6.7.7.8.7.7.6.6.	4.7 8.9 1.5.5 5.5.6 8.1.5.0 6.4.9.3 7.5.2.6.4.9.3 7.7.5 8.8.8.7.7.7.5 8.8.8.7.7.7.7.7.7.8.8.8.7.7.7.7.7.8.8.8.7.7.7.7.8.8.8.7.9.3 8.8.7.7.7.7.8.8.8.7.7.7.7.8.8.8.7.7.7.7	44568912334694954195 445555556678988	4.5.7.8.9.9.3.3.4.5.5.5.5.5.6.6.3.3.3.3.3.3.3.3.3.3.3.3.3	8990234555799499684 4444455679	5.6.6.7.8.0.0.9.9.9.1.4.8.9.9 5.3.5.3.4.4.9.9.3.4.4.5.6	3.5 3.8	୳ ॻज़ॖॳ॒फ़॔ढ़फ़ज़ॶज़क़॔ख़ ॼॼॼॼॼॼॼॼॼॼॼॼ ॼॼ	22234566642004 333333333333333	3.3.3.4.6.6.6.4.1.8.6 3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3	99345788641 99399999999	334680 334683 44193 337	3.1 3.3 3.6 3.8 4.3 4.2	3.0 3.2 3.4 3.7 4.1 4.4	8991339 8991339	2.56 2.66 2.67 2.83	2.5.5.5.6 2.5.5.6	2.4 2.5 2.4	2.4	2.3

Table C.4.—Real Gross Domestic Purchases

[Average annual percent change, based on chained (1992) dollar estimates]

Taminal was													Initial	year					-							
Terminal 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	2.6 2.4 2.8 2.8 3.3 3.5 3.2 2.9 2.2 3.1 4.7 4.6		666665579999988304301770668 22222222222222222222222222222222222	2555444 246277777 26061 200728 2014 1145	77776699111110406659453 222222222222222222222222222222222222	9999994444556950448794 000000000000000004556	2.7.7.2.7.7.2.2.2.2.2.2.2.2.2.2.2.3.3.2.2.2.2	656555890000989999873 222222222222222222222222222222222222	44433467777644449.14 224222222222222222222222222222222222	444333468888887504420 224222222222222222222222222222222	7.7.8.7.7.6.1.9.4.5.6.7.6.0.4.4 2.2.2.2.3.3.3.3.3.3.2.2.2.2.2.3.3.3.3.3	2.7.7.2.1.4.5.6.8.9.4.0.9.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.6.1.8.	3.3.1.1.1.7.0.4.7.2.9.9.3 3.3.3.3.4.4.7.2.9.9.3 4.4.5.5.6.5	99099950246225 22322344568	444 43017-123 69 305 305 305 305	3223198 223198 23198 2333 2333 333	21.1.97.538.87 22.1.1.1.2222	2.1 2.1 2.1 1.5 1.5 2.8 2.9	2.9 1.9 1.5 1.2 6.8 2.7	2.0 1.8 1.8 1.2 -7 -4 .8	2.1 2.0 2.0 1.4 .6 -1.6	9.9.9.9.8 3.2.9.8	2.9 2.9 3.4 2.9	299	2.4	2.9

NOTE.—In these triangles, the growth rate from one year to any other year can be found at the intersection of the column for the earlier year and the row for the later year; thus, growth rates from one year to the next are shown on the main diagonal. For example, from 1985 to 1995, real gross domestic product grew at an average annual rate of 2.4 percent; from 1984 to 1985, it grew 3.6 percent.

SURVEY OF CURRENT BUSINESS

Table C.5.—Chain-Type Price Index for Gross Domestic Purchases

[Average annual percent change]

Terminal year													Initial	year												
Terminar 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	5.5 5.7 5.8 5.9 6.0 6.1 6.2 6.4 6.7 7.5 7.6 7.5 7.6 7.1	5.1 5.3 5.4 5.5 5.7 5.8 5.9 6.0 6.3 6.5 6.8 7.7 7.7 7.7 7.1 7.1 7.1 7.1 7.1 7.1 7.1	5.3.4.6.7.9.0.1.2.4.6.9.3.6.0.2.1.8.6.6.7.7.6.8.4.0.9.7.6.8.8.0.9	5.1 5.3 5.4 5.7 5.9 6.1 6.5 7.0 8.1 8.4 9.0 8.4 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0	4.9.1.2.3.5.7.8.9.0.2.4.8.1.5.5.5.5.5.6.6.6.8.1.7.5.9.3.2.7.7.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.3.7.5.5.7.5.5.5.5	4.7 4.8 5.0 5.3 5.4 5.6 5.7 5.1 6.5 6.3 7.8 7.3 7.3 6.3 8 7.3 6.3 8 7.3 6.3 8	5.1 5.4 5.6 5.7 5.9 6.6 7.5 8.6 8.5 7.1	4.5 4.7 4.8 5.3 5.5 5.6 6.5 7.6 8.4 9.0 2.2 7.4	4.4 4.5 4.7 4.8 5.2 5.3 5.5 5.5 6.4 7.7 7.7 9.8 9.0	4.1 4.3 4.4.5 4.7 4.8 4.9 5.1 5.5 6.0 6.7 8.6 9.7	3.7 3.8 3.9 4.1 4.2 4.3 4.4 4.4 4.7 5.6 6.3 7.5 9.2	3.4 3.5 3.5 3.7 3.8 3.7 3.8 3.7 3.8 4.1 4.8 5.9	200345665433557.0 200325333333333	3.2.3.4.5.6.6.4.3.2.1.4.5 3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3	3.1 3.3.4 3.5.6.6 3.4.0 3.9.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3	3.1 3.2 3.4 3.5 3.7 3.7 3.5 3.0 2.6	3.2 3.4 3.5 3.7 3.9 3.7 3.5 3.4	3.1 3.4 3.8 4.0 4.1 3.9 3.6	3.1 3.3 3.5 3.5 4.1 4.2	2.9 3.1 3.2 3.4 3.7 4.1 4.5	2.7 2.8 2.8 3.0 3.2 3.7	25.5.5.5.2.6.8 2.6.8	2.4 2.4 2.5	2.3 2.4 2.3	2.4 2.5	2.2

Table C.6.—Real Final Sales of Domestic Product

[Average annual percent change, based on chained (1992) dollar estimates]

Tlast													Initial	year							_					
Terminal 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	88.888.80.1.1.00.097.60.1.4.4.0.89.6.1.7.00.097.60.5.4.4.0.89.6.1.7.00.097.60.5.4.4.0.89.6.1.7.00.097.60.5.4.4.0.89.6.1.7.00.097.60.5.4.4.0.89.6.1.7.00.097.60.5.4.4.0.89.6.1.7.00.097.60.5.4.4.0.89.6.1.7.00.097.60.5.4.4.0.89.6.1.7.00.097.60.5.4.4.0.89.6.1.7.00.097.60.5.4.4.0.89.6.1.7.00.097.60.5.4.4.0.89.6.1.7.00.097.60.5.4.4.0.89.6.1.7.00.097.60.5.4.4.0.89.6.1.7.00.097.60.5.4.4.0.89.6.1.7.00.097.60.5.4.4.0.89.6.1.7.00.097.60.5.00.097.60.5.00.097.60.5.00.097.60.5.00.097.60.5.00.00.00.00.00.00.00.00.00.00.00.00.	88888801100097600155308474 22888888053333322233333355	2666677999999 22222222222222222222222222	2.7 2.6 2.4 2.0 2.4 2.6 2.8 2.8 2.5 3.5	2.7.7.7.2.9.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	2.7 2.8 2.8 2.8 2.8 3.1 3.1 3.1 2.7 5.1 3.5 4.2 4.0 4.0	3.0 3.0 2.8 2.5 2.3 2.9 3.4 4.3 4.8 4.4	6666669009986296133 20009986296133 20009986296133	2.4 2.4 2.4 2.4 2.4 2.7 2.8 2.6 2.5 1.5 1.7 2.3 4	1.1 .3 .8 .6	555558998872311 1	26.6 26.6 26.6 27.2 27.2 27.2 27.2 27.2	9999900589994437 22003333334443	9889995899489 2222233435 445	266 266 272 336 336 4.6	244 244 230 230 331 355	233 232 222 221 221 232 246	32.2.1 22.2.1.1.0.9.5.1 22.2.3.5.4	2.1 2.0 1.9 1.7 1.6 1.3 3.0	1.9 1.8 1.7 1.4 1.1 .4 1.6	2.0 1.8 1.3 9 7	265 253 253 255	2655.5.1 2.2.5.1	2.7 2.7 2.9	2.5 2.5	2.8

Table C.7.—Real Disposable Personal Income

[Average annual percent change, based on chained (1992) dollar estimates]

Terminal year									_				Initial	year							_					
Terminal 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	2.88 2.89 2.90 3.11 2.22 2.99 3.12 2.29 3.12 3.13 3.13 3.14 3.14 3.14 3.14 3.14 3.14	3.1 3.1 3.2 3.2 2.8 3.1 3.4 3.3 3.1 3.6 3.3 3.1 3.6 4.6	2.7.7.7.8.8.9.3.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	5.5.5.5.5.5.7.8.7.8.7.7.3.2.4.4.7.6.0.6.5.7.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	7,7,6,7,7,9,0,0,0,1,0,1,0,0,0,0,0,0,0,0,0,0,0,0,0	7777880001119999999999999999999999999999	2676667779301105558997222	3.0 3.1	2.5.5 2.4.4 2.5.5.7 2.8.8 2.8.8 2.8.8 2.8.9 1.6.9 1.7.7 2.7	2.8 2.8 1.6 1.3 1.5	665666990109223063	66567,691,21,456,89 222,223,333,351,9	2.7 2.7 2.7 2.8 2.8 2.8 3.4 3.6 3.6 4.1 4.4 5.8	2.7 2.7 2.7 2.9 2.9 3.5 3.8 3.8 4.5 7.3	2.3 2.2 2.2 2.3 2.6 2.8 3.0 2.6 3.1 3.0	23 23 21 22 22 25 27 20 20 20 20 20 20 20 20 20 20 20 20 20	2.1 2.0 2.0 1.9 2.5 2.8 1.6	221-0-1-96-99 221-0-1-96-99 221-1-96-99	2.0 2.0 1.7 1.7 1.3 1.9 2.0	2.0 2.0 1.6 1.6 .9 1.8	2.0 2.0 1.5 1.4 0	2.2 2.8	2.3 2.4 1.9 1.7	2.6 2.7 2.2	2.8 3.3	2.3

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				T			1997				
			Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
						Consume	er and pro	ducer pri	ces, (seas	onally adj	usted) 1					
Consumer price index for all urban consumers, 1982–84=100: All items	152.4 161.2	156.9 165.6	157.4 166.2	157.9 166.7	158.3 167.0	158.8 167.4	159.2 167.7	159.4 167.9	159.8 168.3	159.9 168.7	160.0 169.2	160.1 169.5	160.3 169.7	160.6 170.0	160.9 170.1	161.3 170.4
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 Less food and energy Finished consumer goods Capital equipment Intermediate materials Crude materials	127.9 140.0 125.6 136.7 124.9 102.7	131.3 142.0 129.5 138.3 125.7 113.5	131.6 142.2 129.9 138.5 125.7 115.8	132.0 142.4 130.3 138.7 126.2 112.8	132.5 142.3 131.0 138.5 126.0 112.0	132.7 142.3 131.3 138.5 125.8 115.0	133.4 142.5 132.1 138.5 126.4 122.1	133.0 142.5 131.6 138.6 126.6 126.7	132.6 142.4 131.1 138.5 126.4 116.2	132.3 142.6 130.8 138.5 125.9 107.3	131.6 142.5 129.9 138.4 125.5 107.9	131.3 142.2 129.6 138.1 125.3 110.2	131.1 142.3 129.4 138.1 125.3 106.8	131.0 142.1 129.2 138.0 125.1 106.7	131.4 142.2 129.7 138.0 125.2 107.4	132.0 142.8 130.4 138.4 125.6 108.0
						٨	Money, int	erest rate	s, and sto	ck prices						
Money stock (seasonally adjusted): ² Percent change: M1			-0.82	-0.61	-1.19		0.09	-0.13	0.09	-0.50	-0.94	-0.24	0.02	-0.11	0.67	-0.84
M2 Ratio: Gross domestic product to M1 Personal income to M2	6.356 1.722	6.906 1.734	.28 6.974 1.739	.26 1.746	.26 1.740	.49 7.212 1.742	1.745	.40 1.747	.39 7.355 1.753	.40 1.756	.46 1.751	07 7.553 1.758	.34 1.762	.27 1.760	.89 7.644 1.755	.48 1.753
Interest rates (percent, not seasonally adjusted): ² Federal funds rate Discount rate on new 91-day Treasury bills Yield on new high-grade corporate bonds 10-Year U.S. Treasury bonds Yield on municipal bonds, 20-bond average Mortgage commitment rate Average prime rate charged by banks	5.83 5.51 7.72 6.57 5.95 7.95 8.83	5.30 5.02 7.62 6.44 5.76 7.80 8.27	5.22 5.09 7.68 6.64 5.76 8.00 8.25	5.30 5.15 7.84 6.83 5.87 8.23 8.25	5.24 5.01 7.69 6.53 5.72 7.92 8.25	5.31 5.03 7.43 6.20 5.59 7.62 8.25	5.29 4.87 7.45 6.30 5.64 7.60 8.25	5.25 5.05 7.63 6.58 5.72 7.82 8.25	5.19 5.00 7.54 6.42 5.63 7.65 8.25	5.39 5.14 7.85 6.69 5.76 7.90 8.30	5.51 5.17 8.04 6.89 5.88 8.14 8.50	5.50 5.13 7.90 6.71 5.70 7.94 8.50	5.56 4.92 7.71 6.49 5.53 7.69 8.50	5.52 5.07 7.44 6.22 5.35 7.50 8.50	5.54 5.13 7.30 6.30 5.41 7.48 8.50	5.54 4.97 7.04 6.21 5.39 7.43 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 ma	arkets (the	ousands,	seasonally	adjusted	, unless o	therwise	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 Females 20 and over 16–19 years of age Civilian employment Ratio, civilian employment to working-age	76.7 59.4 53.5 124,900	76.8 59.9 52.3 126,708	76.8 59.9 50.7 126,988	52.2	76.8 60.1 52.4 127,617	76.9 60.2 52.0 127,644	76.8 60.3 52.3 127,855	77.1 60.4 51.9 128,580	76.9 60.2 52.8 128,430	77.1 60.6 52.9 129,175	77.1 60.4 52.1 129,384	76.9 60.5 52.2 129,639	77.0 60.5 51.0 129,364	77.0 60.4 51.4 129,708	77.0 60.6 50.5 129,804	76.8 60.6 50.7 129,715
population (pericent) Persons engaged in nonagricultural activities Employees on nonagricultural payrolls Goods-producing industries Services-producing industries Average weekly hours, manufacturing (hours) Average weekly overtime hours, manufacturing	62.9 121,460 117,191 24,265 92,925 41.6	119,523 24,431 95,092 41.6	24,468 95,515 41.7	120,019 24,439 95,580 41.7	120,248 24,479 95,769 41.7	24,508 95,942 41.7	120,659 24,540 96,119 42.0	120,909 24,581 96,328 41.8	24,653 96,509 41.9	63.8 125,789 121,344 24,670 96,674 42.1	63.8 125,887 121,671 24,667 97,004 42.1	63.9 126,209 121,834 24,702 97,132 42.0	63.7 125,973 122,056 24,714 97,342 41.8	63.8 126,226 122,440 24,713 97,727 41.8	24,771 97,709 41.9	24,757 97,938 41.9
(hours)	7 404	4.5 7,236	4.5 6.010	4.5 7,043	4.5 7,019	7 197	4.7 7,167	4.7 7,268	4.7 7,205	7 144	4.9 6.714	4.8 6,534	4.6 6,836	4.7 6,583	4.7 6,677	4.7 6,752
Number of persons unemployed Unemployment rates (percent): Total S weeks and over Average duration of unemployment (weeks)	7,404 5.6 1.8 16.6	7,236 5.4 1.7 16.7	6,910 5.2 1.7 17.2	7,043 5.2 1.7 16.9	5.2 1.7	7,187 5.3 1.6 16.0	5.3 1.6	5.4 1.6	5.3 1.6	7,144 5.2 1.5 15.3	6,714 4.9 1.5 15.2	4.8 1.5 15.1	5,636 1.5 15,1	4.8 1.6 16.6	4.9 1.5	4.9 1.6 16.0
Nonfarm business sector, 1992=100: Output per hour of all persons Unit labor costs Hourly compensation	100.7 106.0 106.7	102.0 107.9 110.1	102.0 108.5	10.9		102.4 108.9			102.8 109.7		······································	103.5 109.8	10.1			***************************************

See footnotes at end of table.

Table D.1.—Domestic Perspectives—Continued

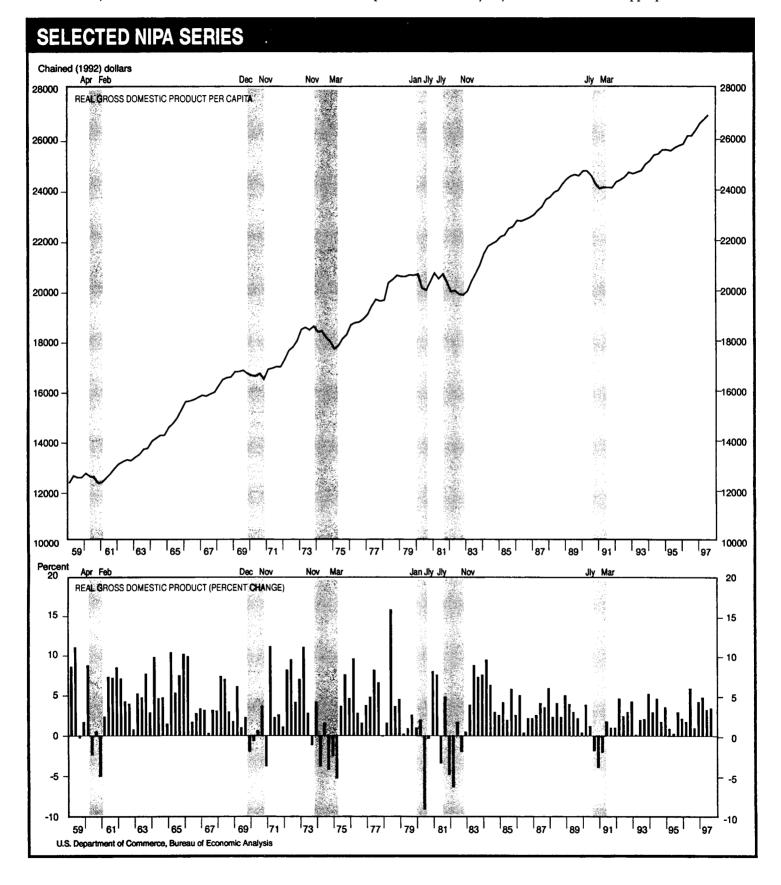
	1995	1996			1996							1997				
	1000	1990	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
						Constr	uction (sea	sonally ad	usted at a	nnual rates) 4					
Total new private construction put in place (billions of dollars)	406.8 230.7 135.0	437.1 247.2 149.4	443.6 249.2 152.6	444.4 249.0 153.5	449.0 247.9 159.3	448.9 248.3 159.9	447.0 247.9 157.4	444.4 246.7 161.0	452.0 251.4 163.7	452.7 254.0 160.5	457.6 259.9 156.5	459.9 259.7 160.0	456.9 257.3 159.2	464.7 259.4 165.3	464.2 260.0 163.9	
Housing starts (thousands of units): Total1-unit structures	1,354 1,076	1,477 1,161	1,515 1,222	1,470 1,148	1,407 1,104	1,486 1,133	1,353 1,024	1,375 1,125	1,554 1,237	1,479 1,142	1,483 1,133	1,402 1,098	1,503 1,134	1,465 1,149		1,500 1,170
New 1-family houses sold (thousands of units)	667	757	814	768	706	788	794	822	826 ₁	825	765	764	815	818	800	
				Mar	nufacturing	and trade,	inventories	and sales	(millions	of dollars, s	easonally	adjusted) 4				
Sales: Total manufacturing and trade Manufacturing Merchant wholesalers Retail trade	8,179,165 3,589,395 2,265,732 2,324,038	3,735,183 2,420,679	719,660 313,854 202,719 203,087	724,103 315,971 203,419 204,713		730,646 319,296 205,561 205,789	728,760 316,306 205,560 206,894	737,464 319,725 207,506 210,233	747,790 322,967 211,801 213,022	745,460 322,923 210,195 212,342	746,769 326,909 209,926 209,934	742,945 323,567 210,008 209,370	750,027 328,315 210,772 210,940	757,485 332,895 211,041 213,549	754,051 330,389 208,774 214,888	
Inventories: Total manufacturing and trade Manufacturing Merchant wholesalers Retail trade	985,905 429,089 253,066 303,750	1,004,425 434,434 255,808 314,183	998,876 431,647 256,189 311,040	1,000,431 432,674 254,788 312,969	434,038 255,671	1,004,540 435,200 255,850 313,490	1,004,425 434,434 255,808 314,183	1,007,618 435,743 257,895 313,980	1,011,899 437,873 258,088 315,938	1,013,376 438,560 259,389 315,427	1,017,150 441,508 258,046 317,596	1,019,025 443,460 259,029 316,536	1,026,255 444,823 264,154 317,278	1,027,787 446,602 262,314 318,871	1,030,321 448,542 264,818 316,961	
					Industrial p	production i	indexes an	d capacity	utilization i	rates (seas	onally adju	sted) 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 Nondurable manufactures By market category: Consumer goods	119.7 106.2 108.9	125.7 106.3 110.4	127.5 106.2 110.1	127.2 106.9 110.5	127.1 107.4 110.8	128.4 107.9 112.3	128.8 108.8 112.7	129.5 108.5 111.7	130.8 108.6 111.6	131.7 108.7 112.1	132.3 108.7 112.1	132.7 108.7 112.6	134.1 108.4 112.3	135.5 109.2 112.6	137.5 109.0 113.2	109.6
Capacity utilization rates (percent): Total industry	83.8 83.1	83.1 82.1	83.2 82.3	83.1 82.1	83.0 82.0	83.4 82.4	83.5 82.5	83.3 82.4	83.5 82.6	83.6 82.7	83.6 82.6	83.5 82.4	83.5 82.5	83.9 82.9	84.1 83.3	84.4
					Credit mar	ket borrowi	ing (billions	of dollars	seasonall	y adjusted	at annual	rates) ²				
All sectors, by instrument: Total	1,218.3 74.3 348.5 -48.2 311.8	1,316.0 102.6 376.5 1.3 273.0	-65.2			1,358.4 142.1 379.7 44.2 326.2			995.3 199.4 186.9 23.2 84.3			189.1				
Bank loans, n.e.c. Other loans and advances Mortgages Consumer credit	113.0 49.3 229.0 140.5	95.7 50.0 330.6 86.3	139.5 82.9 274.5			64.5 13.2 346.0			148.3 -14.2 281.4			146.6 59.8 301.2				

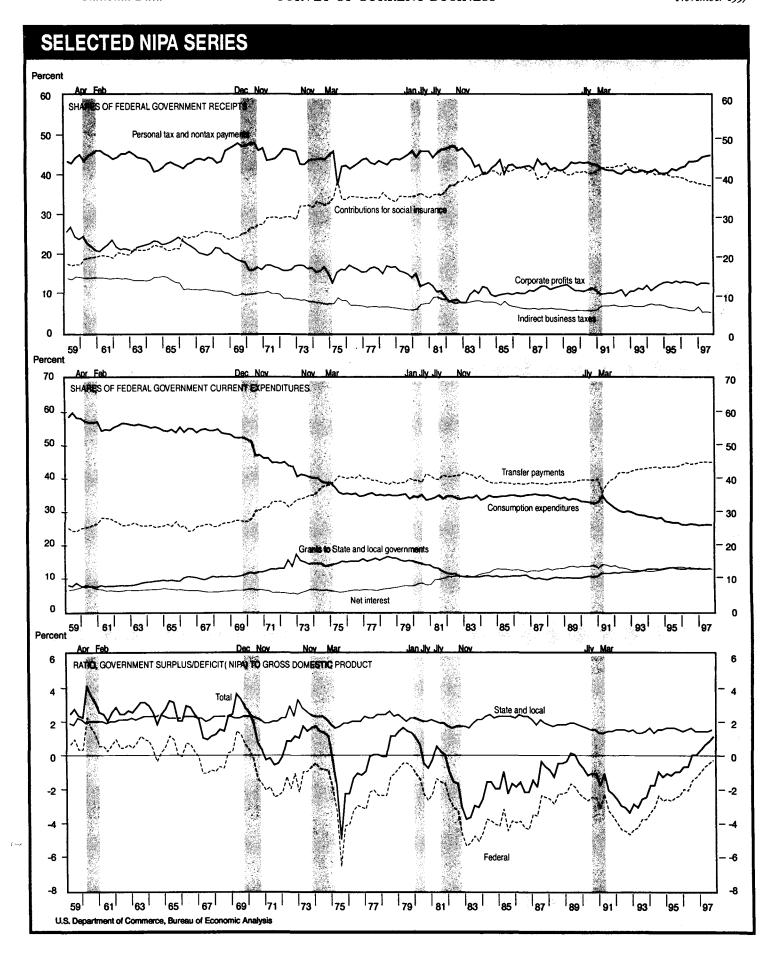
Standard and Poor's, Inc.
 Bureau of the Census.
 n.e.c. Not elsewhere classified.

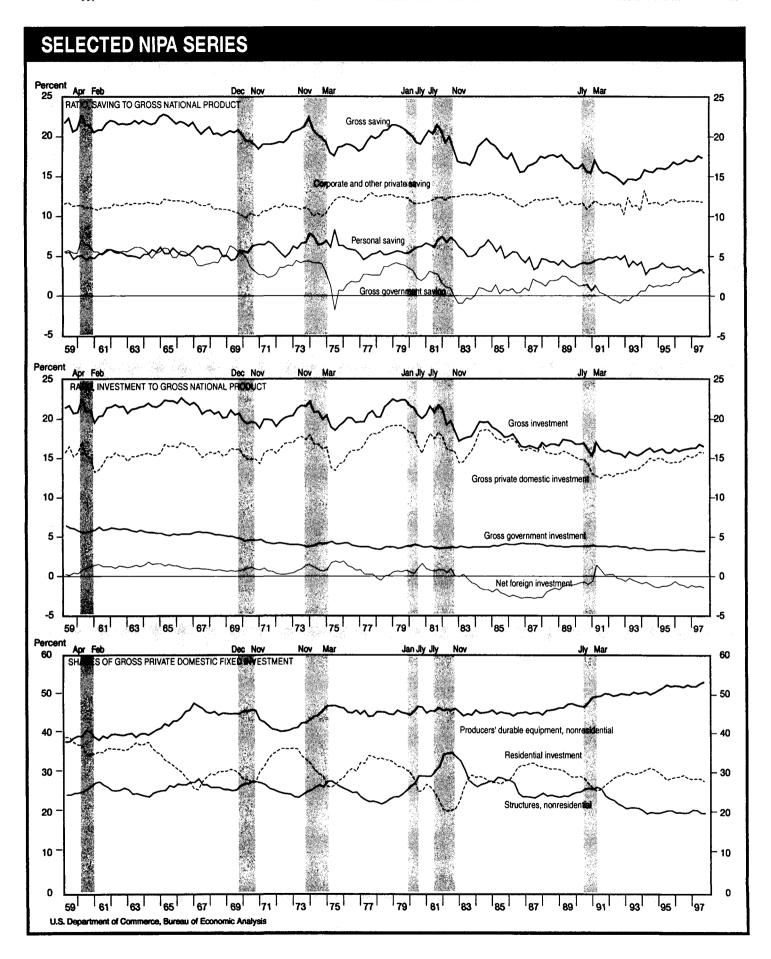
Sources:
1. Bureau of Labor Statistics.
2. Federal Reserve Board.

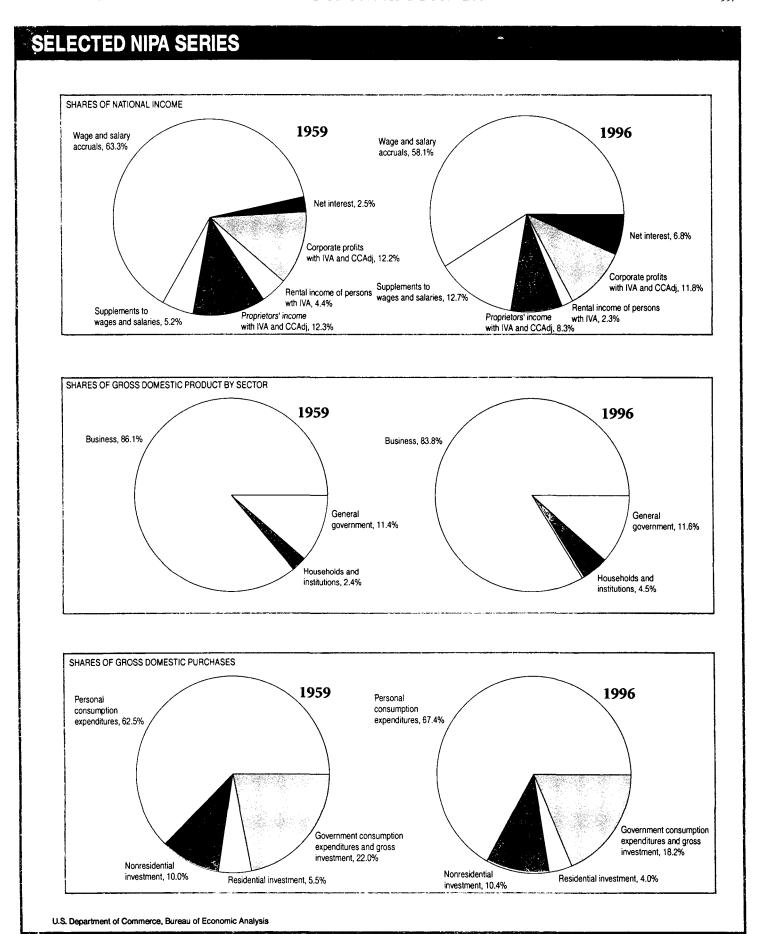
E. Charts

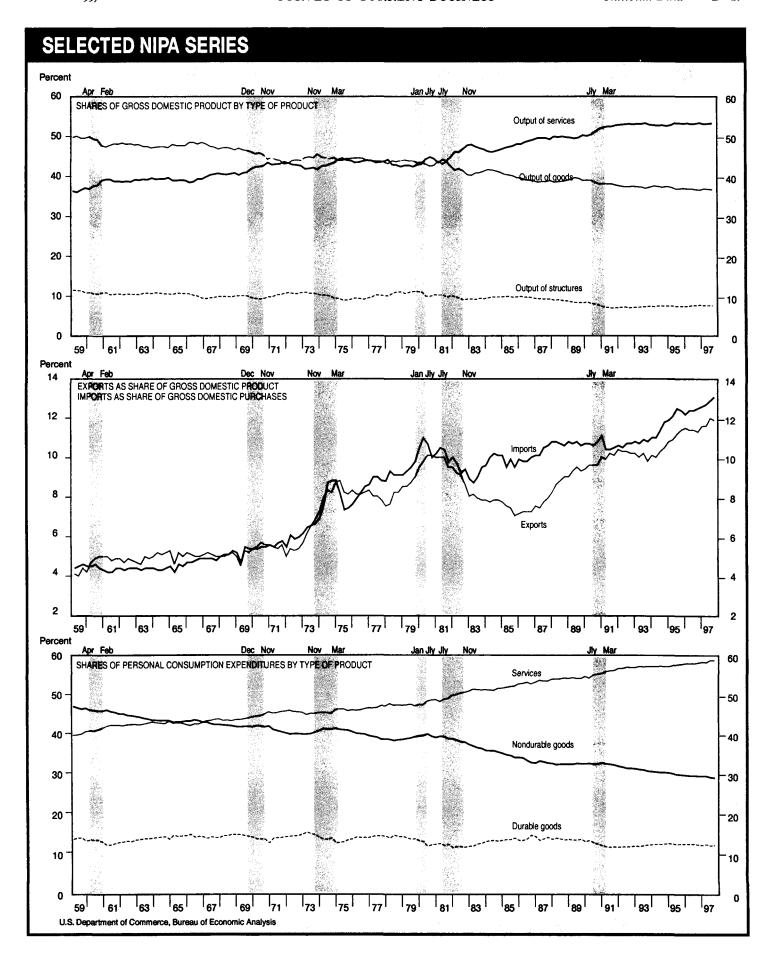
Percent changes shown in this section are based on quarter-to-quarter changes and are expressed at seasonally adjusted annual rates; likewise, levels of series are expressed at seasonally adjusted annual rates as appropriate.

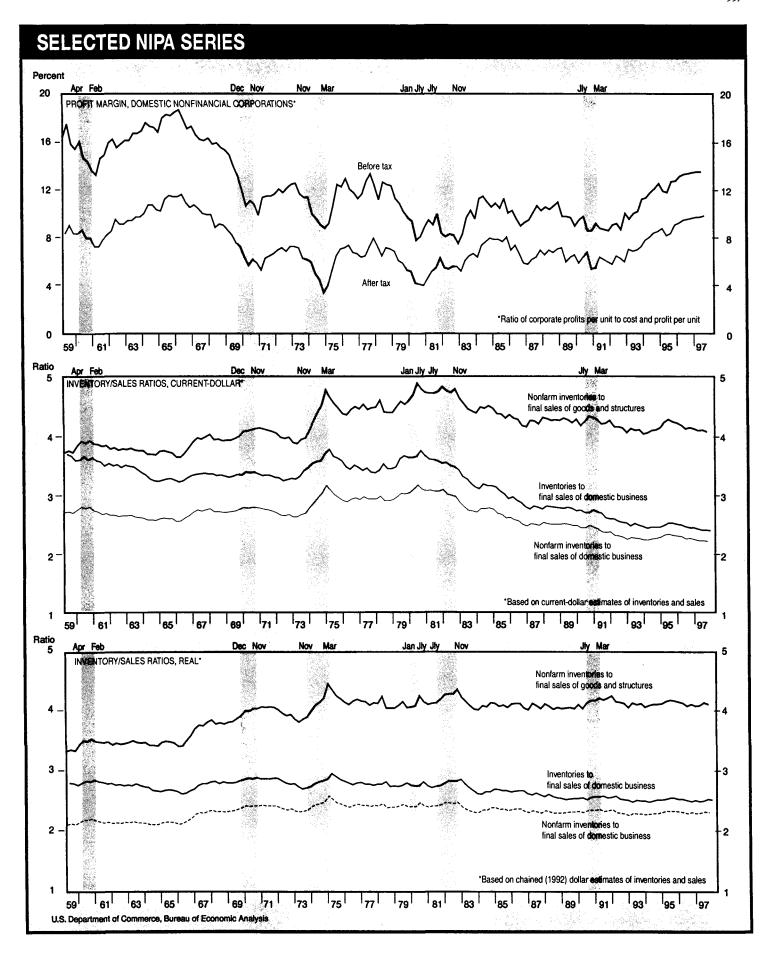


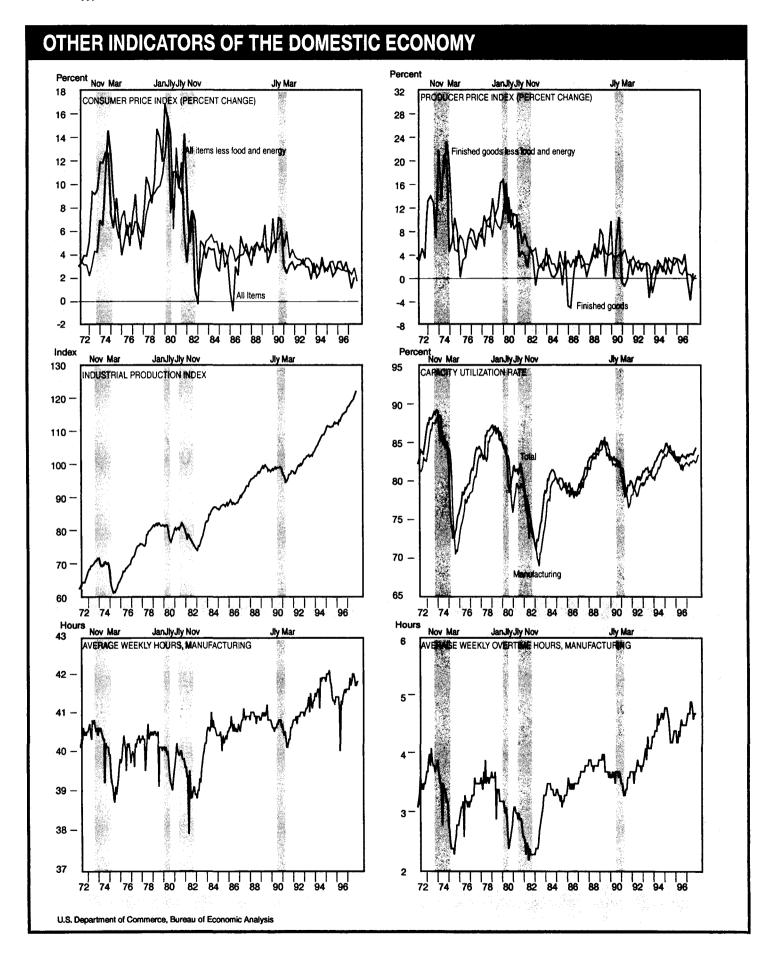


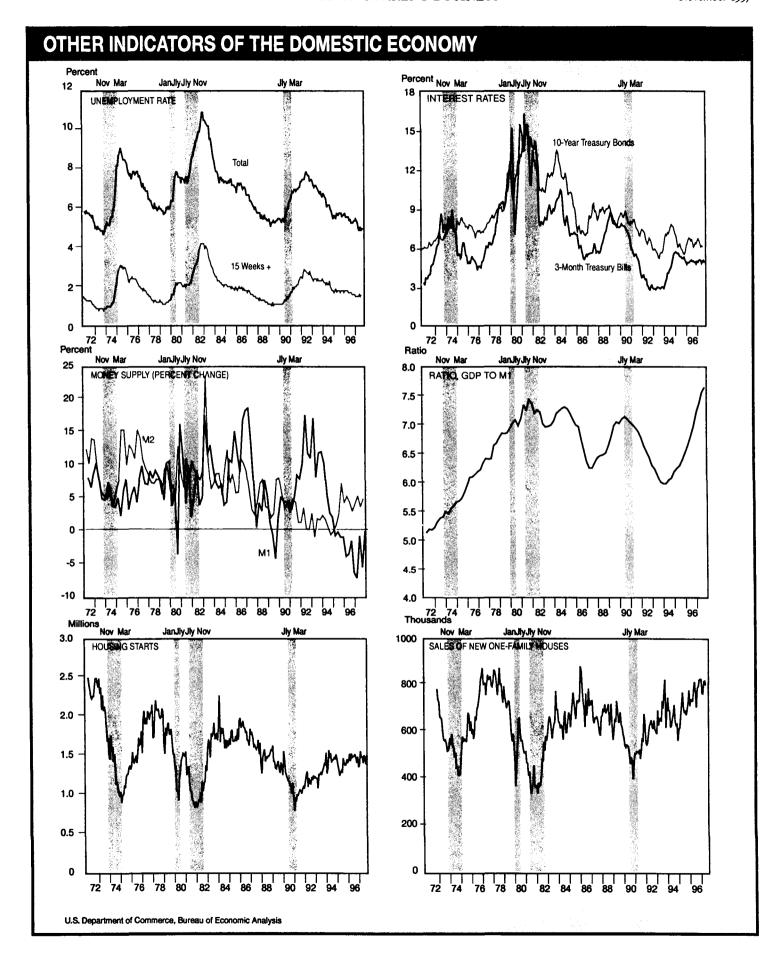












International Data

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]

	1005	1996			19	96			[19	97	-		
	1995	1990	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July "	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 Foods, feeds, and beverages Industrial supplies and materials Capital goods, except automotive Automotive vehicles, engines, and parts Consumer goods (nonfood), except automotive Other goods Adjustments ¹	575,871 50,473 146,247 233,046 61,828 64,425 28,723 -8,871	612,069 55,534 147,652 252,895 65,021 70,138 33,836 -13,006	49,087 4,675 11,618 20,110 5,348 5,589 3,187 -1,440	51,254 4,686 12,339 21,158 5,485 5,868 3,071 -1,352	50,423 4,424 12,189 20,417 5,719 5,892 3,092 -1,309	52,503 4,545 12,679 22,049 5,410 6,141 2,744 -1,065	53,209 5,012 12,252 22,211 5,878 6,070 3,064 -1,279	52,133 4,398 12,463 22,052 5,465 6,015 3,056 -1,316	51,686 4,327 12,091 21,555 5,600 6,068 2,595 -551	53,687 4,272 12,706 22,715 5,907 6,264 2,493 -671	57,155 4,181 13,731 24,713 6,228 6,481 2,808 -988	57,162 4,162 13,507 24,971 6,171 6,339 2,709 -697	56,871 4,052 13,399 24,760 5,935 6,663 3,057 -995	57,378 3,929 13,885 24,482 6,251 6,720 2,968 -857	56,745 3,832 13,169 24,898 6,261 6,397 3,218 -1,031	56,819 4,261 13,360 24,716 6,130 6,441 2,958 -1,046
Services Travel Passenger fares Other transportation Royalties and license fees Other private services Transfers under U.S. military agency sales contracts 2 U.S. Government miscellaneous services	218,739 63,395 19,125 27,412 27,383 66,850 13,756 818	236,764 69,908 20,557 27,216 29,974 73,569 14,647 893	19,413 5,667 1,682 2,193 2,483 6,091 1,228 69	19,896 5,945 1,766 2,293 2,498 6,145 1,179 70	20,012 6,047 1,789 2,230 2,514 6,196 1,165	20,585 6,145 1,791 2,400 2,559 6,321 1,299 70	20,760 6,215 1,801 2,393 2,570 6,370 1,342 69	20,311 5,823 1,690 2,349 2,574 6,426 1,381 68	20,162 5,947 1,711 2,291 2,561 6,510 1,074 68	20,595 6,243 1,797 2,321 2,563 6,588 1,015 68	20,969 6,366 1,811 2,387 2,575 6,662 1,101 67	20,629 5,957 1,742 2,364 2,633 6,702 1,167 64	20,871 6,028 1,765 2,358 2,647 6,808 1,202 63	21,137 6,106 1,801 2,417 2,655 6,882 1,213 63	21,042 6,056 1,776 2,387 2,674 6,955 1,127 67	21,138 6,150 1,776 2,405 2,687 6,946 1,106 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 Foods, feeds, and beverages Industrial supplies and materials Capital goods, except automotive Automotive vehicles, engines, and parts Consumer goods (nonlood), except automotive Other goods Adjustments ¹	749,431 33,176 181,849 221,431 123,795 159,905 23,387 5,888	803,239 35,710 204,482 229,050 128,938 171,007 26,102 7,950	66,844 2,947 17,346 18,704 11,044 14,101 2,277 425	68,013 3,015 17,384 19,010 11,216 14,438 2,181 770	68,400 2,991 17,841 19,133 11,160 14,769 2,199 307	67,823 3,009 18,250 18,943 10,156 14,952 2,198 315	68,385 2,976 17,562 19,330 11,234 14,749 2,245 289	69,828 3,189 18,698 19,581 10,846 15,149 2,130 235	69,834 3,074 17,944 19,466 11,763 15,117 2,224 247	70,448 3,105 17,641 19,439 12,113 15,256 2,465 429	72,032 3,328 17,969 20,422 11,685 14,927 2,244 1,456	72,689 3,358 17,575 20,686 11,366 16,214 2,472 1,019	73,234 3,378 17,905 20,988 11,625 16,079 2,361 897	72,622 3,251 17,565 21,250 11,594 15,716 2,355 891	73,593 3,395 17,456 21,574 12,291 16,100 2,549 227	74,194 3,361 17,964 22,225 11,792 16,077 2,532 243
Services Travel	147,036 46,053 14,433 28,249 6,503 39,285 9,890 2,623	156,634 48,739 15,776 28,453 7,322 42,796 10,861 2,687	13,279 3,915 1,291 2,445 930 3,542 927 229	13,144 4,046 1,324 2,403 658 3,554 928 231	12,923 3,955 1,305 2,372 556 3,578 925 232	13,200 4,025 1,344 2,478 577 3,640 909 227	13,249 4,156 1,367 2,323 589 3,680 907 227	13,217 4,061 1,342 2,366 604 3,707 911 226	13,624 4,295 1,411 2,448 588 3,739 914 229	13,690 4,312 1,425 2,439 598 3,770 917 229	13,923 4,411 1,447 2,491 613 3,811 922 228	13,896 4,286 1,427 2,526 651 3,851 930 225	14,065 4,381 1,434 2,550 666 3,875 934 225	14,186 4,426 1,453 2,486 674 3,987 936 224	14,212 4,367 1,455 2,532 683 4,009 938 228	14,121 4,369 1,457 2,516 635 3,977 939 228
Memoranda: Balance on goods Balance on services Balance on goods and services	-173,560 71,703 -101,857	-191,170 80,130 -111,040	-17,757 6,134 -11,623	-16,759 6,752 -10,007	-17,976 7,089 -10,887	-15,320 7,385 -7,935	-15,176 7,511 -7,665	-17,695 7,094 -10,601	-18,149 6,538 -11,611	-16,761 6,905 9,856	-14,877 7,046 -7,831	-15,528 6,733 -8,795	-16,363 6,806 -9,557	-15,244 6,951 -8,293	-16,849 6,830 -10,019	-17,375 7,017 -10,358

2. Contains goods that cannot be separately identified.
Source: U.S. Department of Commerce, Bureau of Economic Analysis and Bureau of the Census

P Preliminary.

**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.

SURVEY OF CURRENT BUSINESS

Table F.2.—U.S. International Transactions [Millions of dollars]

_		<u> </u>		VIIIIUIIS OI										
	,				Not seasona	illy adjusted					Seasonally	adjusted		
Line	(Credits +; debits -) 1	1996		19			19		<u> </u>	19			199	
			'_		III	IV	l'	P	<u> </u>		- 111	IV	l'	[<i>P</i>
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	612,069 236,764	151,442 55,409	154,198 57,121	145,670 63,564	160,759 60,669	162,812 59,841	172,626 60,967	150,048 57,057	153,411 58,736	150,764 59,322	157,846	162,527	171,489 62,637
4	Services ³ 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	61,656 4,022	61,725 3,190	3,582
5	Travel	69,908 20,557	14,804 4,768	17,165 4,769	21,041 6,104	16,898 4,916	16,421 4,976	17,916 5,109	16,712 5,087	17,356	17,659 5,237	18,183 5,282	18,556 5,319	18,091 5,308
7	Other transportation	27,216	6,436	6,788	6,763	7,229	6,873	7,124	6,555	4,952 6,805	6,716	7,142	6,999	7,139
8	Royalties and license fees 5	29,974 73,569	7,120 18,900	7,170 17,082	7,410 18,464	8,273 19,124	7,389 20,789	7,753 19,293	7,432 17,890	7,345 18,130	7,495 18,433	7,703 19,117	7,699 19,759	7,935 20,392
1Ŏ	U.S. Government miscellaneous services	893	289	187	210	207	203	190	289	187	210	207	203	190
11 12	Income receipts on U.S. assets abroad	206,400 98,890	49,622 23,613	50,346 24,318	51,190 23,837	55,243 27,123	55,663 26,164	58,728 27,893	49,277 23,389	50,188 23,929	51,893 24,675	55,043 26,898	55,269 25,872	58,595 27,498
13 14	Direct investment receipts Other private receipts U.S. Government receipts	102,866 4,644	24,643 1,366	25,053 975	25,938 1,415	27,232 888	28,544 955	30,096 739	24,643 1,245	25,053 1,206	25,938 1,280	27,232 913	28,544 853	30,096 1,001
15	Imports of goods, services, and income	-1,163,450	-270,428	-289,195	-301,489	-302,337	-300,017	-322,944	-278,860	-289,231	-295,865	-299,493	-310,811	-322,688
16	Goods, adjusted, excluding military 2	-803,239	-187,729	-199,450	-205,518	-210,542	-204,876	-217,082	-192,973	-200,973	-203,257	-206,036	-212,314	-218,392
17	Services 3	-156,634	-35,837	-40,128	-42,415	-38,253	-38,247	-43,393	-38,671	-38,953	-39,345	-39,664	-41,238	-42,147
18 19	Direct defense expenditures	-10,861 -48,739	-2,607 -10,492	-2,747 -13,236	-2,780 -14,321	-2,727 -10,690	-2,753 -10.935	-2,800 -14,309	-2,607 -12,484	-2,747 12,099	-2,780 -11,915	-2,727 -12,241	-2,753 -13,018	-2,800 -13,093
20 21	Passenger fares Other transportation	-15,776 -28,453	-3,545 -6,648	-4,188 -7,222	-4,406 -7,380	-3,637 -7,203	-3,947 -7,191	-4,567 -7,533	-3,860 -6,816	-3,943 -7,253	-3,920 -7,218	-4,053 -7,166	-4,283 -7,378	-4,314 -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 24	Other private services 5	-42,796 -2,687	-10,190 -658	-10,473 -657	-10,682 -692	-11,451 -680	-10,962 -686	-11,618 -674	-10,522 -658	-10,570 -657	-10,676 -692	-11,027 -680	-11,321 -686	-11,712 -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 27 28	Direct investment payments	-32,132 -100,103	-6,488 -24,210	-8,184 -24,600	-9,905 -25,158	-7,554 -26,135	-8,175 -27,581	-10,433 -29,242	-6,842 -24,210	-7,873 -24,600	-9,612 -25,158	-7,805 -26,135	-8,539 -27,581	-10,113 -29,242
	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 -2.690	-12,305	-8,604	-8,719 -2,255	-10,406	-8,689 -2, 423	-8,947 -2,690	-11,926	-8,682	-9,063 -2,255
30 31	U.S. Government grants 4	-14,933 -4,331	-4,321 -955	-2,423 -781	-1,188	-5,499 -1,407	-2,109 -795	-1,057	-4,321 -1,136	-1.081	-1,064	-5,499 -1,050	-2,109 -1,083	-1,128
32 33	Private remittances and other transfers 6	-20,704 -352,444	-5,162 -72,816	-4,918 -51,161	-5,225 - 78,638	-5,399 - 149,829	-5,700 -130,316	-5,407 - 97,395	-4,949 - 70,768	-5,185 -49,698	-5,193 - 77,542	-5,377 - 154,436	-5,490 - 127,969	~5,680 ~95,492
34	U.S. official reserve assets, net 7	6,668	17	-51,101 -523	7,489	-315	4,480	-236	17	-523	7,489	-315	4,480	-236
35 36 37	Gold	370	-199	-133	848	-146	72	-133	-199	-133	848	-146	72	-133
37 38	Reserve position in the International Monetary Fund	-1,280 7,578	-849 1,065	-220 -170	-183 6,824	-28 -141	1,055 3,353	54 -157	-849 1,065	-220 -170	-183 6,824	-28 -141	1,055 3,353	54 -157
39	U.S. Government assets, other than official reserve assets, net	-690	-210	-358	162	-284	-21	-238	-210	_358	162	-284	-21	-238
40 41	U.S. credits and other long-term assets	-4,930 4,134	-1,076 1,013	-1,489 870	-1,127 1,206	-1,238 1,045	-1,107 1,111	-1,572 1,328	-1,076 1,013	-1,489 870	-1,127 1,206	-1,238 1,045	-1,107 1,111	-1,572 1,328
42	Repayments on U.S. credits and other long-term assets ⁸ U.S. foreign currency holdings and U.S. short-term assets, net	106	-147	261	83	-91	25	6	-147	261	83	-91	-25	6
43 44	U.S. private assets, net	-358,422 -87,813	-72,623 -24,258	-50,280 -25,097	-86,289 -12,200	-149,230 -26,258	-134,775 -28,773	-96,921 -30,984	-70,575 -22,210	-48,817 -23,634	-85,193 -11,104	-153,837 -30,865	-132,428 -26,426	-95,018 -29,081
45 46	Foreign securities U.S. claims on unaffiliated foreigners reported by U.S. nonbanking	-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
47	Concerns	-64,234 -98,186	-15,778 1,868	-5,047 192	-17,294 -33,589	-26,115 -66,657	-29,466 -62,026	-15,000 -29,612	-15,778 1,868	-5,047 192	-17,294 -33,589	-26,115 -66,657	-29,466 -62,026	-15,000 -29,612
48	Foreign assets in the United States, net (Increase/capital Inflow (+))	547,555	88,018	106,568	159,231	193,738	181,978	152,097	88,233	106,114	158,629	194,579	182,238	151,649
49	Foreign official assets in the United States, net	100.054	52,014	13,154	24,089	33,097	28,891	-3,719	52,014	13,154	24,089	33,097	28,891	-3,719
50 51	U.S. Government securities	115,634 111,253	55,652 55,600	-2,125 -3,383	26,689 25,472	35,418 33,564	23,940 23,289	-7,800 -8,444	55,652 55,600	-2,125 -3,383	26,689 25,472	35,418 33,564	23,940 23,289	-7,800 -8,444
52 53	U.S. Government sabilities 11 U.S. liabilities reported by U.S. banks, not included elsewhere	4,381 720	52 -143	1,258 -204	1,217 907	1,854 160	651 478	644 804	52 -143	1,258 -204	1,217 907	1,854 160	651 478	644 804
52 53 54 55	U.S. liabilities reported by U.S. banks, not included elsewhere Other foreign official assets 12	4,722 1,278	-3,284 -211	14,198 1,285	-1,922 -1,585	-4,270 1,789	7,698 -3,225	2,346 931	-3,284 -211	14,198 1,285	-1,922 -1,585	-4,270 1,789	7,698 -3,225	2,346 931
56	Other foreign assets in the United States, net	425,201	36,004	93,414	135,142	160,641	153,087	155,816	36,219	92,960	134,540	161,482	153,347	155,368
57 58	Direct investment	76,955 172,878	15,662 10,602	17,894 36,152	26,579 50,798	16,820 75,326	30,381 51,289	29,320 50,816	15,877 10,602	17,440 36,152	25,977 50,798	17,661 75,326	30,641 51,289	28,872 50,816
57 58 59 60	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
61	concerns	31,786 9,784	6,800 -33,535	7,288 2,319	20,610 2,040	-2,912 38,960	15,210 17,387	-3,000 27,143	6,800 -33,535	7,288 2,319	20,610 2,040	-2,912 38,960	15,210 17,387	-3,000 27,143
62	Allocations of special drawing rights		-00,000	2,319	2,040	00,800	17,307	21,143	-33,535	2,319	2,040	30,300	100,11	21,140
63 63a	Statistical discrepancy (sum of above items with sign reversed) Of which seasonal adjustment discrepancy	-46,927	9,191	-19,755	-30,424	-5,938	-21,356	-15,359	15,419 6,228	-20,831 -1,076	-38,254 -7,830	-3,269 2,669	- 14,297 7,059	-17,127 -1,768
64	Memoranda: 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 67	Balance on goods (lines 2 and 15) Balance on services (lines 3 and 17) Balance on investment income (lines 11 and 25) Balance on investment income (lines 11 and 25)	-111,040 2,824	-16,715 2,760	-28,259 729	-38,699 -2,367	-27,367 1,701	-20,470 -1,232	-26,882 -3,741	-24,539 2,061	-27,779 883	-32,516 -1,370	-26,198 1,250	-29,300 -1,990	-26,413 -3,554
68	67) 13	-108,216	-13,955	-27,530	-41,066	-25,666	-21,702	-30,623	-22,478	-26,896	-33,886	-24,948	-31,290	-29,967
69 70	Unilateral transfers, net (line 29)	-39,968 -148,184	-10,438 -24,393	-8,122 -35,652	-9,103 -50,169	-12,305 -37,971	-8,604 -30,306	-8,719 -39,342	-10,406 -32,884	-8,689 -35,585	-8,947 -42,833	-11,926 -36,874	-8,682 -39,972	-9,063 -39,030
		1,						,0-14	32,004	27,000	,,,,,,,	20,017		

See footnotes to table F.3.

Table F.3.—Selected U.S. International Transactions, by Area [Millions of dollars]

		- w	estern Europ)ė	Eu	ropean Unio	n 14	l (Jnited Kingdo	m	Europ	ean Union (6) 15
Line	(Credits +; debits -) 1	1996	19	97	1996	19	197	1996	19	197	1996	199	97
		IV	1,	P	IV	Įr.	<i>P</i>	١٧	Į.	P	IV	Jr.	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 21,287	38,645 19,651	39,903 21,010	32,732 18,779	35,089 17,350	35,178 18,648	6,992 5,575	9,554 5,347	9,335 5,602	20,404 9,635	20,391 8,859	20,808 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 6	Travel	5,427 1,621	4,678 1,448	5,730 1,658	4,816 1,518	4,247 1,375	5,237 1,572	1,804 441	1,602 358	1,966 363	2,233 822	1,937 821	2,465 967
7	Other transportation	2,062 4,441	1,942 3,711	2,035 3,777	1,614 4,231	1,557 3,542	1,610 3,602	397 842	458 625	447 629	691 2,538	687 2,162	709 2,196
9	Royalties and license fees 5 Other private services 5 U.S. Government miscellaneous services	6,840	6,896 42	6,907	6,113	6,026	6,108	2,008	2,079	2,077	3,165	3,086	3,163
10 11	Income receipts on U.S. assets abroad	37 24.051	23,990	37 25,122	31 21,416	37 21,668	22,798	8.793	12 8.883	9,270	15 9.527	15 9,462	14 10,263
12 13	Direct investment receipts Other private receipts	12,891 10,956	12,013 11,695	12,605 12,348	11,061 10,178	10,583 10,843	11,201 11,452	4,025 4,740	3,795 5,088	3,817 5,453	5,476 3,914	5,184 4,137	5,814 4,317
14	U.S. Government receipts	204	282	169	177	242	145	28		24 002	137	141	132
15 16	Imports of goods, services, and income	- 82,791 -41,720	-83,405 -40,901	- 94,694 -44,995	~75,489 ~ 37,940	75,539 37,268	-86,404 -41,102	-27,662 -7,743	-28,874 -7,578	- 31,903 -7,940	-37,311 -23,647	-36,856 -23,637	-42,813 - 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 19	Direct defense expenditures	-1,769 -3,254	-1,780 -3,057	-1,800 -5,675	-1,465 -3,054	-1,415 -2,871	-1,450 -5,194	-79 -1,040	-136 -1,020	-100 -1,467	-1,217 -1,509	-1,168 -1,554	-1,200 -2,771
20 21	Passenger faresOther transportation	-1,694 -2,482	-1,752 -2,456	-2,407 -2,667	-1,526 -1,932	-1,593 -1,932	-2,163 -2,047	-563 -459	-631 -565	-926 -563	-690 -960	-679 -967	-853 -980
22	Royalties and license fees 5	-1,282	-1,213	-1,335	-1.083	-1,035	-1,136	-632	-511	-510	-483	-465	-561
23 24	Other private services 5	-4,039 -309	-3,890 -293	-4,106 -289	-3,710 -269	-3,599 -252	-3,849 -248	-1,602 -22	-1,785 -23	-1,875 -23	-1,823 -201	-1,547 -186	-1,665 -183
25 26	Income payments on foreign assets in the United States	-26,242 -5,809	-28,063 -6,311	-31,420 -8,184	-24,509 -5,645	-25,574 -5,521	-29,215 -7,700	-15,622 -2,635	-16,626 -2,666	-18,498 -3,329	-6,782 -2,550	-6,652 -2,344	-8,067 -3,626
27 28	Other private payments U.S. Government payments	-12,863 -7,570	-13,688 -8,064	-14,404 -8,832	-12,085 -6,779	-12,762 -7,291	-13,449 -8,066	-9,180 -3,807	-9,776 -4,184	-10,305 -4,864	-2,405 -1,827	-2,429 -1,879	-2,544 -1,897
29	Unilateral transfers, net	-46	45	33	282	243	245	265	350	324	209	87	107
30 31	U.S. Government grants ⁴	-217 -326	-102 -281	-115 -325	-24 - 250	-17 -249	-4 -278	-44	-44		-144	-144	-158
32	Private remittances and other transfers 6	497	428	473	556	509	527	309	394	370	353	231	265
33 34	U.S. assets abroad, net (increase/capital outflow (-)) U.S. official reserve assets, net 7	-54,530 -109	-83,486 -196	-10,030 -139	-46,360 -457	-75,870 12	-8,117 -227	-35,549	-34,277	-3,526	-10,768 -457	-31,031	- 3,946 -227
35 36 37	Gold Special drawing rights	-103	-130					***************************************			***************************************		
37 38	Reserve position in the International Monetary Fund	-109	-196	-139	-457	12	-227	***************************************	***************************************	***************************************	-457	12	-227
39	U.S. Government assets, other than official reserve assets, net	89	157	-25	48	141	-57	127	-5	-1	-35	-8	-8
40 41	U.S. credits and other long-term assets	-106 223	-86 255	-112 95	-59 140	-35 188	-51 4	125	*************				
42 43	U.S. foreign currency holdings and U.S. short-term assets, net	-28 -54,510	-12 -83,447	-8 -9,866	-33 -45,951	-12 -76,023	-10 -7,833	-35,676	-34,272	-1 -3,525	-35 -10,276	-8 -31,035	8 3,711
44 45	Direct investment	-16,224 -20,361	-12,590 -3,366	-15,829 3,996	-15,076 -19,298	-11,023 -2,135	-15,291 3,620	-11,666 -17,700	-2,446 -2,013	-7,742 1,219	-1,948 -2,587	-6,631 1,504	-6,564 779
46	Foreign securities	-10,063	-16,678	,	-11,269	-16,590		-6,996	-8,552	1,219	-4,460	-7,145	119
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 49	Foreign assets in the United States, net (Increase/capital Inflow (+))	77,314 3,150	111,398 11,034	94,619 3,213	73,962	103,122	92,311	65,058	80,358	41,621	6,598	11,978	46,146
50 51	U.S. Government securities	3,150 (17) (17) (17)	(17)	3,213 (17) (17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
52	Other ¹⁰ Other U.S. Government liabilities ¹¹	(17)	(17)	(17)	(18) 150	(18)	1 /18	(18)	(18)	/18	/18	/18	(18)
52 53 54 55	U.S. liabilities reported by U.S. banks, not included elsewhere	(17) (17)	(17) (17)	(17) (17)	(18) (18)	(18) (18)	158 (18) (18)	(18) (18)	(18) (18)	-33 (18) (18)	`53 (¹⁸) (¹⁸)	76 (18) (18)	(18) 64 (18) (18)
56	Other foreign assets in the United States, net	74,164	100,364	91,406	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	/18)
57 58 59	Direct investment U.S. Treasury securities and U.S. currency flows	11,840 (17)	26,390 (17)	23,710 (17)	9,871 (18)	24,223 (18)	21,271 (18)	8,385 (18)	13,684 (18)	4,252 (18)	2,863 (18)	10,138 (18)	15,883 (18) 7,756
59 (60	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
61	U.S. liabilities reported by U.S. banks, not included elsewhere	1,500 (¹⁷)	12,825 (17)	(17)	1,232 18 46,005	12,560 18 36,814	18 40,829	1,329 18 38,117	11,576 18 33,705	¹⁸ 16,681	62 18 4,863	713 18 –4,952	¹⁸ 22,443
62	Allocations of special drawing rights											***************************************	
63	Statistical discrepancy, and transfers of funds between foreign areas, net (sum of above items with sign reversed)	-20,906	-26,837	-75,962	-25,323	-26,062	-74,659	-23,472	-41,341	-30,724	1,706	17,111	-40,231
64	Memoranda: 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 goods (files 2 and 17) Balance on goods and services (files 64 and 65)	6,458 359	5,209 2,953	2,730	5,739 531	4,653 2,474	2,561 -3,363	1,278 527	677 2,653	1,395 138 1,533	2,752 -491	2,292 -954	1,453 -4,272 2,196
66 67	Balance on goods, services, and income (lines 1 and 25)	-2,191	-4,073	-2,362 -6,298	-3,093	-3,906	-6,417	-6,829	-7,743	-9,228	2,746	2,809	2,196
68 69	Unilateral transfers, net (line 29)	-1,832 -46	-1,120 45 -1,075	-8,660 33 -8,627	-2,562 282 -2,280	-1,433 243	-9,780 245	-6,303 265	-5,090 350	-7,696 324	2,255 209	1,855 87	-2,076 107
70	Balance on current account (lines 1, 15, and 29 or lines 68 and 69) 13	-1,878	-1,0/5	-6,627	-2,280	-1,190	-9,535	-6,038	-4,740	-7,372	2,464	1,942	-1,969

P Preliminary.

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.

^{&#}x27; Revised.'

1. Credits, *: Exports of goods, services, and income; unilateral transfers to United States: capital inflows (increase in foreign assets (U.S. Ilabilities) 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 U.S. assets); increase in Census import documents, and reflects exports 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.

Table F.3.—Selected U.S. International Transactions, by Area—Continued [Millions of dollars]

			astern Europ	OIIS OI GOIR	110]	Canada		Latin Ama	rica and Othe	or Manton		lonon	
		1996	19:		1996	Canada 19	07	Laun Ame	Hemisphere		1996	Japan 199	7
Line	(Credits +; debits -) 1		Ir.	II P		Ir I		1996	19	97		lr l	
_		IV	l'		IV		P	IV	r	P	١٧	<u>'</u>	P
1 2	Exports of goods, services, and income Goods, adjusted, excluding military 2	3,199 2,004	3,108 1,811	3,416 2,116	44,070 34,674	47,188 36,823	49,229 38,901	51,614 30,000	51,153 29,516	55,221 32,454	27,407 16,181	28,710 16,448	28,370 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 5	Transfers under U.S. military agency sales contracts 4 Travel	87 207	96 173	78 221	18 1,359	24 1.954	23 1,840	99 3,833	114 3,543	96 3,472	96 3,214	156 3,486	99 3,152
6	Passenger fares Other transportation	35 148	20 99	21 108	327 732	327 726	307 774	1,028 897	979 849	961 926	1,380 846	1,743 774	1,561
8	Royalties and license fees 5	38	42	44	365	343	354	396	362	386	1,406	1,445	1,590
9 10	Other private services 5 U.S. Government miscellaneous services	373 11	442 9	378 10	1,936 17	2,056 17	2,004 16	2,887 33	3,019 39	2,949 33	1,886 28	2,135 14	1,953 12
11 12	Income receipts on U.S. assets abroad Direct investment receipts	296 143	416 247	440 297	4,642 2,360	4,917 2,581	5,010 2,550	12,441 4,445	12,732 4,192	13,944 5,034	2,370 946	2,509 1,103	2,536 1,140
13 14	Other private receipts	89 64	100 69	107 36	2,282	2,336	2,550 2,460	7,842 154	8,401 139	8,843 67	1,418	1,399	1,384 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 17	Goods, adjusted, excluding military ²	-2,182 -611	-1,864 -580	-2,010 -783	-40,678 -3,143	-42,004 -3,009	-43,410 -3,754	-33,372 -7,826	-32,831 -8,081	-34,957 -8,349	-30,012 -3,567	-30,096 -3,548	-29,347 -3,756
18	Direct defense expenditures	-114	-79	-100	-11	-18	-15	-79	-85	-85	-267	-257	-275
19 20	TravelPassenger fares	-190 -49	-212 -62 -80	-342 -99 -78	-756 -91	-619 -82	-1,237 -121	-3,426 -611	-3,713 -742	-3,735 -630	-783 -160	-790 -190	-875 -187
21 22	Other transportation	-97 -4	-80 -2	-78 -2	-911 -56	-925 -59	-1,001 -59	-522 -26	~589 ~28	-640 -34	-1,057 -318	-982 -326	-1,031 -312
22 23 24	Other private services 5 U.S. Government miscellaneous services	-147 -10	-142 -14	-150 -13	-1,290 -28	-1,275 -32	-1,291 -30	-3,057 -106	-2,815 -110	-3,117 -109	-956 -25	-978 -24	-1,052 -24
	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
25 26 27	Direct investment payments	-107	-99 -99	-99	-578 -1,189	-685 -1,279	-972 -1,378	-249 -7,324	-351 -7,668	-475 -8,238	-1,325 -1,526 -4,935	-1,016 -1,610	-1,332 -1,733
28 29	U.S. Government payments	-234 737	-246 - 653	-283 -653	-562 -78	-529 -102	-550 -91	-2,435 - 2,685	-2,802 2,627	-2,837 - 2,681	-4,935 -11	-5,145 - 66	-5,600 - 23
30 31	U.S. Government grants ⁴	-420 -9	-292 -9	-326 -9		-101	-118	-370 -185	-276 -140	-327 -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 (-)) U.S. official reserve assets, net 7		-3,738	745	-13,065	-12,332	-6,383	-45,953	-13,440 3.500	-56,274	-8,70 1 32	-2,623 49	-11,555 -18
34 35 36 37	Gold			***************************************	************	***************************************	***********	***************************************		***************************************			
37 38	Reserve position in the International Monetary Fund		************	***************************************		**************	***************************************		3,500	***************************************	-32	49	-18
39 40	U.S. Government assets, other than official reserve assets, net	-118 -31	11	-14	1	-1	***************************************	55 -285	106	218 ~203	-12	8	2
41 42	U.S. credits and other long-term assets Repayments on U.S. credits and other long-term assets* U.S. foreign currency holdings and U.S. short-term assets, net	-96	-28 27 12	-328 314	1	-1		349 -9	-270 386 -10	421	-12	8	
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 45	Direct investment	-255 141	-748 -85	-558 -577	~2,342 ~3,581	-2,563 2,300	-2,800 -2,428	-3,053 2,269	-4,657 -6,992	-6,282 -9,987	-148 2,297	-1,045 -3,258	-890 -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 48	U.S. claims reported by U.S. banks, not included elsewhere	-607 4,777	-2,954 1,1 80	1,894 4,600	-2,929 9,235	-12,749 3,906	-1,155 5,729	-34,962 66,402	8,487 7,023	-25,223 29,243	-10,625 13,627	1,468 26,740	-499 25,922
49 50	Foreign official assets in the United States, net	(18) (18)	(18) (18)	(18) (18)	(17)	682	-1,430	(18) (18)	(18) (18)	(18) (18)	(¹⁸) (18)	(18) (18)	(18) (18)
51 52	U.S. Government securities U.S. Treasury securities 9 Other 10	(18)	(18)	(18)	(17)	(17)	127	(18)	(18)	(18)	(18)	(18)	/18
53 54	Other U.S. Government liabilities 11 U.S. liabilities reported by U.S. banks, not included elsewhere	1 (18)	-22 (18)	(18)	11 (17)	28 (17)	-10	(18)	58 (18)	11 (18)	-134 (18)	-154 (18)	(18) 427 (18)
55	Other foreign official assets 12	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
56 57	Other foreign assets in the United States, net	(18) 56 (18)	(18) -217 (18) -33	(18) 78 (18) 99	9,232 3,800	3,224 2,034	7,159 1,611	-1,860	(18) 443	(18) 1,514	3,747 (18)	(18) 1,219	2,156
58 59	U.S. Treasury securities and U.S. currency flows	-44	-33	99	2,384	2,924	977	7,902	(18) 192	8,735	4,069	999	2,156 (¹⁸) 7,402
60	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns U.S. liabilities reported by U.S. banks, not included elsewhere	49	33	18 4 400	487	-1,038	/170	-5,291	2,469	-3,000	-449	-111	18 4 5 007
61 62	Allocations of special drawing rights	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
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:]	i	,	, i		i '			ĺ .	·		
64 65	Balance on goods (lines 2 and 16) Balance on services (lines 3 and 17) Balance on goods and services (lines 64 and 65)	-178 288 110	-53 301 248	106 77 183	-6,004 1,611 -4,393	-5,181 2,439 -2,742	-4,509 1,564 -2,945	-3,372 1,347 -2,025	-3,315 824 -2,491	-2,503 474 -2,029	-13,831 5,289 -8,542	-13,648 6,206 -7,442	-12,708 5,439 -7,269
66 67 68	Balance on goods and services (lines 64 and 55) Balance on investment income (lines 11 and 25) Balance on goods, services, and income (lines 1 and 15 or lines 66 and 67) 13	-45 66	68 315	64 247	2,313 -2,080	-2,742 2,424 -319	2,110 -836	2,433 408	-2,491 1,911 -580	2,395 365	-5,542 -5,416 -13,958	-7,442 -5,262 -12,705	-6,129 -6,129 -13,398
69 70	Unitateral transfers, net (line 29)	-737 -672	-653 -338	-653 -407	-2,060 -78 -2,158	-102 -421	-91 -927	-2,685 -2,277	-2,627 -3,207	-2,681 -2,316	-13,956 -11 -13,969	-12,705 -66 -12,771	-13,396 -23 -13,421
	balance on current account (lines 1, 15, and 25 of lines of and 05)	1	1 -00		Conceptual	···	<u> </u>		-0,201				10,721

^{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]

			Australia		Other cou	intries in Asia a	and Africa	Internation	onal organizațio	ns and
Line	(Credits +; debits -) 1	1996	19	97	1996	19	97	1996	unaliocated 16	17
	, , ,	IV	jr.	P	١٧	lr.	11 P	1996 IV	198	
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 41	1,122 35	1,267 46	13,048 2,820	12,623 1,831	13,075 2,374	1,427	1,458	1,420
5	Travel	452 112	392 100 72	466	2,406 413	2,195 359	3,035 473	***************************************	***************************************	***************************************
7	Passenger fares	80		128 79	2,342	2,230	2,219	122	181	154
8 9	Royalties and license fees 5	160 379	141 379	161 385	1,039 3,949	962 4,967	1,041 3,853	428 874	382 895	400 865
10 11	U.S. Government miscellaneous services	2	3 1,374	3 1,650	79 6,831	79 6,760	79 6,943	3,184	2,966	3.082
12 13	Direct investment receipts Other private receipts	1,428 829 599	777 597	1,037 613	4,214 2,303	4,087 2,357	4,024 2,598	1,295 1,743	1,165 1,659	1,205 1,743
14	U.S. Government receipts				314	316	321	146	142	134
15 16	Imports of goods, services, and income		-2,074 - 1,159	-2,004 -1,183	-74,610 -61,410	- 70,072 -56,021	- 75,394 -61,180	-991	-1,019	-9 93
17	Services ³	-715	-743	-580	-6,964	-7,146	-7,242	-598	-697	-648
18 19	Direct defense expenditures	-17 -283	-21 -325	-20 -177	-470 -1,998	-513 -2,219	-505 -2,268		***************************************	***************************************
20 21	Passenger fares Other transportation	-132 -89	-157 -61	-118 -61	-900 -1,849	-972 -1,741	-1,005 -1,758	-196	-357	-297
22	Royalties and license fees 5	-12	-8	40	-49	-22	-22	-119	-115	-121
23 24	Other private services 5	-171 -11	-155 -17	-181 -16	-1,508 -190	-1,483 -196	-1,492 -193	-282 -1	-225	-230
25 26	Income payments on foreign assets in the United States	-209 92	-172 -65	-241 -123	-6,236 125	-6,905 -176	-6,971 222	-392 373	-322 432	-345 426
27 28	Other private payments U.S. Government payments	-92 -82 -35	-65 -88 -19	-98 -20	-2,347 -4,014	-2,423 -4,306	-2,548 -4,645	-697 -68	-726 28	-744 27
29	Unliateral transfers, net	-21	~25	-21	-5,872	-3,061	-2,829	-2,855	-2,115	-2,454
30 31	U.S. Government grants ⁴ U.S. Government pensions and other transfers	-9	-9		-4,279 -109	-1,213 -121	-1,216 -122	-213 -647	-226 -112	-271 -297
32	Private remittances and other transfers 6	-12	~16	-13	-1,484	-1,727	-1,491	-1,995	-1,777	-1,886
33 34	U.S. assets abroad, net (increase/capital outflow (-))	-4,887	-595	-1,378	-20,514	-16,737	-11,022	-1,345 -174	2,636 1,127	-1 ,498 -79
35 36 37	Gold Special drawing rights		***************************************	***************************************	***************************************	***************************************	***************************************	-146	72	-133
37 38	Reserve position in the International Monetary Fund		***************************************	***************************************	***************************************		***************************************	-28	1,055	54
39	U.S. Government assets, other than official reserve assets, net	12	-1	******************	102	32	-105	-413	-333 -333	-314
40 41	U.S. credits and other long-term assets Repayments on U.S. credits and other long-term assets U.S. foreign currency holdings and U.S. short-term assets, net	***************************************		***************************************	-403 464	-390 443	-615 498	-413	-333	-314
42 43	U.S. foreign currency holdings and U.S. short-term assets, net	-4,899	-1 -594	-1,378	41 -20,616	-21 -16,769	12 -10,917	-758	1,842	-1,105
44 45	Direct investment Foreign securities	-628 -2,786	-797 -1,092	-524 -47	-2,910 -9,015	-5,445 -3,665	-3,260 -2,285	-699 836	-927 1,648	-841 153
46 47	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	-48 -1,437	142 1,153	-807	-1,297 -7,394	24 -7,683	-5,372	-54 -841	56 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 50	Foreign official assets in the United States, net	(18) (18)	(18) (18)	(18) (18)	(18) (18)	(18) (18)	(18) (18)	-1	***************************************	
51 52	U.S. Treasury securities 9	(18)	(18)	(18) (18)	(18)	(18) (18)	(18)		***************************************	***************************************
53 54	Öther ¹⁰ Other U.S. Government liabilities ¹¹ U.S. liabilities reported by U.S. banks, not included elsewhere	`-9 (18)	23 (18)	(18)	_1 <i>6</i>	472 (18)	152	-1	***************************************	***************************************
55	Other foreign official assets 12	(18)	(18)	(18)	(¹⁸) (¹⁸)	(18)	(18)	***************************************		***************************************
56 57	Other foreign assets in the United States, net Direct investment U.S. Treasury securities and U.S. currency flows U.S. securities other than U.S. Treasury securities U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	(18) 777	(18) 469	(18) 217	(18) -1,071	(18) 514	(18) 507	6,483 -469 (18)	1,012 -471	-473
58 59	U.S. Treasury securities and U.S. currency flows	777 (¹⁸) –206	469 (18) 272	(18) 325	1,494	(18) 3,509	(¹⁸) 1,680	<u>-</u> 25 ∣	(¹⁸) 9	(¹⁸) –25
60 61	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns U.S. liabilities reported by U.S. banks, not included elsewhere	245 18 785	128 18-1,813	18 1,447	491 18 13,407	880 18 26,265	¹⁸ -19,645	56 18 6,921	24 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: Balance on goods (lines 2 and 16)	1,747	1,664	1,897	-22,046	-19,275	-21,647	***************************************	*****************	
65 66	Balance on goods (lines 2 and 16)	511 2,258	378 2,042	687 2,584	6,084 -15,962	5,477 -13,798	5,832 -15,815	828 828	761 761	771 771
67 68	Balance on investment income (lines 11 and 25)	1,219 3,477	1,202 3,244	1,409 3,993	596 -15,367	-145 -13,944	-29 -15,844	2,792 3,621	2,644 3,406	2,738 3,509
69 70	Balance on current account (lines 1, 15, and 29 or lines 68 and 69) 13	-21 3,456	-25 3,219	-21 3.972	-5,872 -21,239	-3,061 -17,005	-2,829 -18,673	-2,855 766	-2,115 1,291	-2,454 1,055
	Delicative on content account (lines 1, 10, and 23 of lines 00 and 03)	3,400	3,219	3,312	-21,209	-17,000	-10,073	700	1,231	7,000

includes taxes withheld; current-cost adjustments associated with U.S. and foreign direct investment; small trans-actions 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.

^{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

Table F.4.—Private Service Transactions

[Millions of dollars]

				Seasonally adjusted							
Line		1995	1996		199	1997					
				Ī	II	III IV		jr	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 4	Passenger fares (table F.2, line 6) Other transportation (table F.2, line 7)	19,125 27,412	20,557 27,216	5,087 6,555	4,952 6,805	5,237 6,716	5,282 7,142	5,319 6,999	5,308 7,139		
5	Freight	11,420	11,161	2,649	2,823	2,747	2,941	2,909	2,953		
Ğ.	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 11	U.S. parents' receipts	20,210	21,916 1,844	5,531 396	5,436 378	5,505 424	5,445 646	5,761 272	5,779 449		
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 20	Unaffiliated services	46,578 7,512	50,759 7,807	12,267 1,916	12,559 1,938	12,656 1,998	13,277 1,955	13,656 1,992	13,989 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		
21 22 23 24 25 26	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 27	Business, professional, and technical services Other unaffiliated services 3	17,765 9,699	19,247 10,145	4,681 2,510	4,734 2,583	4,847 2,486	4,985 2,565	5,287 2,654	5,547 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	10.041	40.040	10.000		
30	Passenger fares (table F.2. line 20)	14,433	15,776					13.0181			
31	Other transportation (table F.2, line 21)	28.249		3.8601	3.943		12,241 4,053	13,018 4,283			
32	I P!		28,453	3,860 6,816	3,943 7,253	3,920 7,218	4,053 7,166	4,283 7,378	4,314 7,562		
	Freight	16,759	16,879	6,816 4,025	7,253 4,414	3,920 7,218 4,312	4,053 7,166 4,130	4,283 7,378 4,318	4,314 7,562 4,650		
33	Port services	16,759 10,579	16,879 10,792	6,816 4,025 2,598	7,253 4,414 2,647	3,920 7,218 4,312 2,709	4,053 7,166 4,130 2,838	4,283 7,378 4,318 2,845	4,314 7,562 4,650 2,706		
31 32 33 34		16,759 10,579 911	16,879	6,816 4,025	7,253 4,414	3,920 7,218 4,312	4,053 7,166 4,130	4,283 7,378 4,318	13,093 4,314 7,562 4,650 2,706 206		
35	Port services Other	16,759 10,579 911 6,503	16,879 10,792 783 7,322	6,816 4,025 2,598 193	7,253 4,414 2,647 193 1,684	3,920 7,218 4,312 2,709 198 2,144	4,053 7,166 4,130 2,838 199 1,770	4,283 7,378 4,318 2,845 214	4,314 7,562 4,650 2,706 206		
35	Port services	16,759 10,579 911 6,503 5,128	16,879 10,792 783 7,322 5,301	6,816 4,025 2,598 193 1,724 1,358	7,253 4,414 2,647 193 1,684 1,304	3,920 7,218 4,312 2,709 198 2,144 1,264	4,053 7,166 4,130 2,838 199 1,770 1,376	4,283 7,378 4,318 2,845 214 1,799 1,403	4,314 7,562 4,650 2,700 200 1,992 1,593		
35 36 37	Port services Other Royalties and license fees (table F.2, line 22) Affiliated, U.S. parents' payments	16,759 10,579 911 6,503 5,128 448	16,879 10,792 783 7,322 5,301 554	6,816 4,025 2,598 193 1,724 1,358 117	7,253 4,414 2,647 193 1,684 1,304	3,920 7,218 4,312 2,709 198 2,144 1,264 136	4,053 7,166 4,130 2,838 199 1,770 1,376 164	4,283 7,378 4,318 2,845 214 1,799 1,403	4,314 7,562 4,650 2,700 200 1,992 1,591		
35	Port services Other Royalties and license fees (table F.2, line 22) Affiliated, U.S. parents' payments U.S. affiliates' payments Unaffiliated	16,759 10,579 911 6,503 5,128	16,879 10,792 783 7,322 5,301	6,816 4,025 2,598 193 1,724 1,358	7,253 4,414 2,647 193 1,684 1,304	3,920 7,218 4,312 2,709 198 2,144 1,264	4,053 7,166 4,130 2,838 199 1,770 1,376	4,283 7,378 4,318 2,845 214 1,799 1,403	4,314 7,562 4,650 2,700 200 1,992 1,591 164 1,433		
35 36 37 38 39 40	Port services Other Royalties and license fees (table F.2, line 22) Affiliated, U.S. parents' payments U.S. affiliates' payments Unaffiliated Industrial processes ¹	16,759 10,579 911 6,503 5,128 448 4,680 1,373 962	16,879 10,792 783 7,322 5,301 554 4,748 2,021 1,126	6,816 4,025 2,598 193 1,724 1,358 117 1,241 366 267	7,253 4,414 2,647 193 1,684 1,304 137 1,167 380 279	3,920 7,218 4,312 2,709 198 2,144 1,264 136 1,128 880 288	4,053 7,166 4,130 2,838 199 1,770 1,376 164 1,212 394 292	4,283 7,378 4,318 2,845 214 1,799 1,403 155 1,248 396 291	4,314 7,562 4,650 2,706 206 1,992 1,597 164 1,433 398 290		
35 36 37 38 39	Port services Other Royalties and license fees (table F.2, line 22) Affiliated, U.S. parents' payments U.S. affiliates' payments Unaffiliated	16,759 10,579 911 6,503 5,128 448 4,680 1,373	16,879 10,792 783 7,322 5,301 554 4,748 2,021	6,816 4,025 2,598 193 1,724 1,358 117 1,241 366	7,253 4,414 2,647 193 1,684 1,304 137 1,167 380	3,920 7,218 4,312 2,709 198 2,144 1,264 1,128 880	4,053 7,166 4,130 2,838 199 1,770 1,376 164 1,212 394	4,283 7,378 4,318 2,845 214 1,799 1,403 155 1,248 396	4,314 7,562 4,650 2,706 206 1,992 1,597 164 1,433 398 290		
35 36 37 38 39 40 41	Port services Other Royalties and license fees (table F.2, line 22) Affiliated, U.S. parents' payments U.S. affiliates' payments Unaffiliated Industrial processes 1 Other 2 Other private services (table F.2, line 23)	16,759 10,579 911 6,503 5,128 448 4,680 1,373 962 411 39,285	16,879 10,792 783 7,322 5,301 554 4,748 2,021 1,126 895 42,796	6,816 4,025 2,598 193 1,724 1,358 117 1,241 366 267 99	7,253 4,414 2,647 193 1,684 1,304 137 1,167 380 279 101 10,570	3,920 7,218 4,312 2,709 198 2,144 1,264 136 1,128 880 288 592 10,676	4,053 7,166 4,130 2,838 199 1,770 1,376 164 1,212 394 292 103 11,027	4,283 7,378 4,318 2,845 214 1,799 1,403 155 1,248 396 291 106	4,314 7,562 4,655 2,706 206 1,992 1,597 164 1,433 399 108		
35 36 37 38 39 40 41 42 43	Port services Other Royalties and license fees (table F.2, line 22) Affiliated, U.S. parents' payments U.S. affiliates' payments Unaffiliated Industrial processes 1 Other 2 Other private services (table F.2, line 23) Affiliated services,	16,759 10,579 911 6,503 5,128 448 4,680 1,373 962 411 39,285 13,597	16,879 10,792 783 7,322 5,301 554 4,748 2,021 1,126 895 42,796 16,026	6,816 4,025 2,598 193 1,724 1,358 117 1,241 366 267 99 10,522 3,877	7,253 4,414 2,647 193 1,684 1,304 137 1,167 380 279 101 10,570 3,945	3,920 7,218 4,312 2,709 198 2,144 1,264 1,128 880 288 592 10,676 4,073	4,053 7,166 4,130 2,838 199 1,770 1,376 164 1,212 394 292 103 11,027 4,130	4,283 7,378 4,318 2,845 214 1,799 1,403 155 1,248 396 291 106 11,321 4,222	4,314 7,562 4,650 2,706 206 1,992 1,599 164 1,433 399 290 100 11,712 4,284		
35 36 37 38 39 40 41 42 43 44	Port services Other Royalties and license fees (table F.2, line 22) Affiliated, U.S. parents' payments U.S. affiliates' payments Unaffiliated Industrial processes 1 Other 2 Other private services (table F.2, line 23) Affiliated services, U.S. parents' payments	16,759 10,579 911 6,503 5,128 4,680 1,373 962 411 39,285 13,597 6,820	16,879 10,792 783 7,322 5,301 554 4,748 2,021 1,126 895 42,796 16,026 7,505	6,816 4,025 2,598 193 1,724 1,358 117 1,241 366 267 99 10,522 3,877 1,914	7,253 4,414 2,647 193 1,684 1,304 137 1,167 380 279 101 10,570 3,945 1,788	3,920 7,218 4,312 2,709 198 2,144 1,264 136 1,128 880 288 592 10,676 4,073 1,935	4,053 7,166 4,130 2,838 199 1,770 1,376 164 1,212 394 292 103 11,027 4,130 1,867	4,283 7,378 4,318 2,845 214 1,799 1,403 155 1,248 396 291 106 11,321 4,222 1,973	4,314 7,562 4,650 2,706 206 1,992 1,597 164 1,433 299 100 11,712 4,284 2,034		
35 36 37 38 39 40 41 42 43 44 45	Port services Other Royalties and license fees (table F.2, line 22) Affiliated, U.S. parents' payments U.S. affiliates' payments Unaffiliated Industrial processes 1 Other 2 Other private services (table F.2, line 23) Affiliated services, U.S. parents' payments U.S. affiliates' payments	16,759 10,579 911 6,503 5,128 448 4,680 1,373 962 411 39,285 13,597 6,820 6,777	16,879 10,792 783 7,322 5,301 554 4,748 2,021 1,126 895 42,796 16,026	6,816 4,025 2,598 193 1,724 1,358 117 1,241 366 267 99 10,522 3,877 1,914 1,963	7,253 4,414 2,647 193 1,684 1,304 137 1,167 380 279 101 10,570 3,945	3,920 7,218 4,312 2,709 198 2,144 1,264 136 1,128 880 288 592 10,676 4,073 1,935 2,138	4,053 7,166 4,130 2,838 199 1,770 1,376 164 1,212 394 292 103 11,027 4,130 1,867 2,263	4,283 7,378 4,318 2,845 214 1,799 1,403 155 1,248 396 291 106 11,321 4,222 1,973 2,249	4,314 7,562 4,650 2,700 1,992 1,597 164 1,433 399 290 10,597 10,597 10,597 2,907 2,207 2,207 2,207		
35 36 37 38 39 40 41 42 43 44 45 46 47	Port services Other Royalties and license fees (table F.2, line 22) Affiliated, U.S. parents' payments U.S. affiliates' payments Unaffiliated Industrial processes 1 Other 2 Other private services (table F.2, line 23) Affiliated services, U.S. parents' payments U.S. affiliates' payments U.S. affiliates' payments Unaffiliated services Education	16,759 10,579 911 6,503 5,128 4,680 1,373 962 411 39,285 13,597 6,777 25,689 949	16,879 10,792 783 7,322 5,301 554 4,748 2,021 1,126 895 42,796 16,026 7,505 8,521	6,816 4,025 2,598 193 1,724 1,358 117 1,241 386 267 99 10,527 1,914 1,963 6,645 253	7,253 4,414 2,647 193 1,684 1,304 137 1,167 380 279 101 10,5745 1,788 2,157 6,625 258	3,920 7,218 4,312 2,709 198 2,144 1,264 136 1,128 880 288 592 10,676 4,073 1,935 2,138 6,603 262	4,053 7,166 4,130 2,838 199 1,770 1,376 164 1,212 394 292 103 11,027 4,130 1,867 2,263 6,897 269	4,283 7,378 4,318 2,845 214 1,799 1,403 155 1,248 396 291 106 11,321 4,222 1,973 2,249 7,099 275	4,314 7,562 4,655 2,706 206 1,992 1,597 164 1,433 2,99 10,712 4,284 2,034 2,257 7,422 2,75		
35 36 37 38 39 40 41 42 43 44 45 46 47 48	Port services Other Royalties and license fees (table F.2, line 22) Affiliated, U.S. parents' payments U.S. affiliates' payments Unaffiliated Industrial processes 1 Other 2 Other private services (table F.2, line 23) Affiliated services, U.S. parents' payments U.S. affiliates' payments U.S. affiliates' payments U.S. affiliates' payments Unaffiliated services Education Financial services	16,759 10,579 911 6,503 5,128 4,680 1,373 962 411 39,285 13,597 6,820 6,777 25,689 949 2,472	16,879 10,792 783 7,322 5,301 554 4,748 2,021 1,126 895 42,796 16,026 7,505 8,521 26,770 1,041	6,816 4,025 2,598 193 1,724 1,358 117 1,241 267 99 10,522 3,877 1,914 1,963 6,645 253 774	7,253 4,414 2,647 193 1,684 1,304 1,37 1,167 3,945 1,788 2,157 6,625 2,56 781	3,920 7,218 4,312 2,709 198 2,144 1,264 1,136 1,128 880 592 10,676 4,073 1,935 2,138 6,603 262 267 769	4,053 7,166 4,130 2,838 199 1,770 1,376 1,64 1,212 394 292 103 11,027 4,130 1,867 2,263 6,897 263 859	4,283 7,378 4,318 2,845 214 1,799 1,403 155 1,248 396 106 11,321 4,222 1,973 2,249 7,099 275 888	4,314 7,562 4,655 2,706 206 1,992 1,597 164 1,433 396 299 108 11,712 4,284 2,033 2,250 7,426 2,742 1,066		
35 36 37 38 39 40 41 42 43 44 45 46 47 48	Port services Other Royalties and license fees (table F.2, line 22) Affiliated, U.S. parents' payments U.S. affiliated Industrial processes 1 Other 2 Other private services (table F.2, line 23) Affiliated services, U.S. parents' payments U.S. faffiliated services U.S. parents' payments U.S. affiliated services U.S. parents' payments U.S. affiliates' payments U.S. affiliates' payments Unaffiliated services Education Financial services Insurance, net	16,759 10,579 911 6,503 5,128 448 4,680 1,373 962 411 39,285 13,597 6,820 6,777 25,689 949 2,472 2,472	16,879 10,792 783 7,322 5,301 1,126 895 42,796 16,026 7,505 8,521 26,770 1,041 3,184 4,387	6,816 4,025 2,598 193 1,724 1,358 117 1,241 366 267 99 10,522 3,877 1,914 1,963 6,645 253 73 1,188	7,253 4,414 2,647 193 1,684 1,304 1,307 1,167 3,945 1,788 2,157 6,625 256 6,625 256 1,089	3,920 7,218 4,312 2,709 198 2,144 1,264 1,128 880 1,128 880 288 592 10,676 4,073 1,935 2,138 6,603 262 762 1,047	4,053 7,166 4,130 2,838 199 1,770 1,376 1,64 1,212 394 292 103 11,027 4,130 1,867 2,263 6,897 269 859 1,064	4,283 7,378 4,318 2,845 214 1,799 1,403 155 1,248 396 2,249 1,03 2,249 2,7,099 2,75 888 1,139	4,314 7,562 4,655 2,706 200 1,597 1,597 100 1,433 390 2,99 1,00 11,712 4,28 2,034 2,255 7,428 2,742 1,066 1,196		
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	Port services Other Royalties and license fees (table F.2, line 22) Affiliated, U.S. parents' payments U.S. affiliates' payments Unaffiliated Industrial processes 1 Other 2 Other private services (table F.2, line 23) Affiliated services, U.S. parents' payments U.S. affiliates' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments	16,759 10,579 911 6,503 5,128 4,680 1,373 962 411 39,285 13,597 6,777 25,689 949 2,472 5,383 15,187	16,879 10,792 7,322 5,301 554 4,748 2,021 1,126 895 42,796 16,026 8,521 26,770 1,041 3,184 4,387 15,473	6,816 4,025 2,598 193 1,724 1,358 117 1,241 386 267 99 10,522 3,877 1,914 1,963 6,645 253 774 1,188 3,816	7,253 4,414 2,647 193 1,684 1,304 137 1,167 380 279 101 10,5745 1,788 2,157 6,625 781 1,088 3,833	3,920 7,218 4,312 2,709 198 2,144 1,264 1,128 880 288 592 10,676 4,073 1,935 2,138 6,603 2,622 769 1,047 3,877	4,053 7,166 4,130 2,838 199 1,770 1,376 164 1,212 394 292 103 11,027 4,130 1,867 2,263 6,897 2,269 859 1,064 3,947	4,283 7,378 4,318 2,845 214 1,799 1,403 155 1,248 396 291 106 11,321 4,222 1,973 2,249 7,099 275 888 1,139 4,046	4,314 7,562 4,655 2,700 200 1,992 1,597 163 399 290 11,712 4,28 2,03 2,250 7,425 2,78 1,066 1,118		
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	Port services Other Royalties and license fees (table F.2, line 22) Affiliated, U.S. parents' payments U.S. affiliates' payments Unaffiliated Industrial processes 1 Other 2 Other private services (table F.2, line 23) Affiliated services, U.S. parents' payments U.S. affiliates' payments U.S. affiliates services Education Financial services Insurance, net Premiums paid Losses recovered	16,759 10,579 911 6,503 5,128 4,680 1,373 962 411 39,285 13,597 6,820 6,777 25,689 949 2,472 5,383 15,187 9,804	16,879 10,792 783 7,322 5,301 554 4,748 2,021 1,126 895 42,796 16,026 7,505 8,521 26,770 1,041 4,387 15,473 11,486	6,816 4,025 2,598 193 1,724 1,358 117 1,241 366 267 99 10,522 3,877 1,914 1,963 6,645 253 774 1,188 3,816 2,629	7,253 4,414 2,647 193 1,684 1,304 1,307 1,167 1,167 10,570 3,945 2,157 6,625 256 781 1,089 3,833 2,745	3,920 7,218 4,312 2,709 198 2,144 1,264 1,36 1,128 880 288 592 10,676 4,073 1,935 2,138 6,603 262 762 704 73,880 1,047 3,877 2,830	4,053 7,166 4,130 2,838 199 1,770 1,376 1,64 1,212 394 2,210 1,027 4,130 1,967 2,263 6,897 2,894 3,947 2,894 3,947 2,894 3,947 2,894 3,947 2,894 3,947 2,884	4,283 7,378 4,318 2,845 214 1,799 1,403 155 1,248 396 11,321 4,222 1,973 2,249 7,099 275 888 1,139 4,046 2,907	4,314 7,562 4,655 2,700 200 1,593 1,593 1,593 100 11,712 4,284 2,034 2,255 7,426 2,71 1,066 1,199 4,111 2,992		
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	Port services Other Royalties and license fees (table F.2, line 22) Affiliated, U.S. parents' payments U.S. affiliates' payments Unaffiliated Industrial processes 1 Other 2 Other private services (table F.2, line 23) Affiliated services, U.S. parents' payments U.S. affiliates' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments	16,759 10,579 911 6,503 5,128 4,680 1,373 962 411 39,285 13,597 6,777 25,689 949 2,472 5,383 15,187	16,879 10,792 783 7,322 5,301 1,126 895 42,796 16,026 7,505 1,041 3,184 4,387 15,473 11,046 8,385	6,816 4,025 2,598 193 1,724 1,358 117 1,241 386 267 99 10,522 3,877 1,914 1,963 6,645 253 774 1,188 3,816	7,253 4,414 2,647 193 1,684 1,304 137 1,167 380 279 101 10,5745 1,788 2,157 6,625 781 1,088 3,833	3,920 7,218 4,312 2,709 198 2,144 1,264 1,128 880 288 592 10,676 4,073 1,935 2,138 6,603 262 7,603 1,047 3,877 2,877 2,877 2,866	4,053 7,166 4,130 2,838 199 1,770 1,376 164 1,212 394 292 103 11,027 4,130 1,867 2,263 6,897 2,269 859 1,064 3,947	4,283 7,378 4,318 2,845 214 1,799 1,403 155 1,248 396 291 106 11,321 4,222 1,973 2,249 7,099 275 888 1,139 4,046	4,314 7,562 4,655 2,706 200 1,992 1,597 1,433 399 2,991 100 11,712 4,284 2,034 2,255 7,425 2,74 1,199 4,111 2,992 2,008		
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	Port services Other Royalties and license fees (table F.2, line 22) Affiliated, U.S. parents' payments U.S. affiliated Industrial processes 1 Other 2 Other private services (table F.2, line 23) Affiliated services, U.S. parents' payments U.S. affiliates' payments U.S. parents' payments U.S. parents' payments U.S. parents' payments U.S. affiliates ervices Education Financial services Insurance, net Premiums paid Losses recovered Telecommunications	16,759 10,579 911 6,503 5,128 448 4,680 1,373 962 411 39,285 13,597 6,820 949 2472 5,383 15,187 9,804 7,773	16,879 10,792 783 7,322 5,301 554 4,748 2,021 1,126 895 42,796 16,026 7,505 8,521 26,770 1,041 4,387 15,473 11,486	6,816 4,0258 2,598 193 1,724 1,358 117 1,241 366 267 10,522 3,877 1,914 1,963 6,645 253 77 1,188 3,816 2,625 1,188 3,816 2,127	7,253 4,414 2,647 193 1,684 1,304 1,304 1,167 380 279 101 10,570 3,945 1,788 2,157 6,625 256 7811 10,089 3,833 2,745 2,103	3,920 7,218 4,312 2,709 198 2,144 1,264 1,36 1,128 880 288 592 10,676 4,073 1,935 2,138 6,603 262 762 704 73,880 1,047 3,877 2,830	4,053 7,166 4,130 2,838 199 1,770 1,376 1,64 1,212 394 292 103 11,027 4,130 1,867 2,693 1,064 3,947 2,884 2,089	4,283 7,378 4,318 2,845 214 1,799 1,403 155 1,248 396 291 106 11,321 4,222 1,973 2,249 2,709 2,75 8,81 8,139 4,046 2,907 6,076	4,314 7,562 4,650 2,706 206		
35 36 37 38 39 40 41 42 43 44 45 46 47 49 50 51 52 53 54	Port services Other Royalties and license fees (table F.2, line 22) Affiliated, U.S. parents' payments U.S. affiliates' payments Unaffiliated Industrial processes 1 Other 2 Other private services (table F.2, line 23) Affiliated services, U.S. parents' payments U.S. affiliates' payments U.S. affiliates' payments U.S. affiliates' payments U.S. affiliates' payments Unaffiliated services Education Financial services Insurance, net Premiums paid Losses recovered Telecommunications Business, professional, and technical services Other unaffiliated services 3 Memoranda:	16,759 10,579 911 6,503 5,128 4,680 1,373 962 411 39,285 13,597 6,820 6,777 25,689 2,472 5,383 15,187 9,804 7,773 4,691 4,420	16,879 10,792 7,322 5,301 554 4,748 2,021 1,126 895 42,796 16,026 7,505 8,521 26,770 1,041 3,184 4,387 11,086 8,385 5,225	6,816 4,025 2,598 193 1,724 1,358 117 1,241 386 267 99 10,522 3,877 1,914 1,963 6,645 253 774 1,188 1,816 2,629 2,127 1,234	7,253 4,414 2,647 193 1,684 1,304 137 1,167 380 279 101 10,570 3,945 1,788 2,157 6,625 781 1,088 3,833 2,745 2,103 2,745 2,103 1,278	3,920 7,218 4,312 2,709 198 2,144 1,264 136 1,128 880 288 288 288 288 288 288 288 288 3,073 1,935 2,138 6,603 262 769 1,047 2,830 2,046 1,047 2,830 2,046 1,335	1,053 7,166 4,130 2,838 199 1,770 1,376 164 1,212 394 292 103 11,027 4,130 1,867 2,263 859 1,064 3,947 2,884 2,089 1,406 1,210	4,283 7,378 4,318 2,845 214 1,799 1,403 155 1,248 396 291 106 11,321 4,222 1,973 2,249 7,099 275 888 1,139 4,046 2,907 2,076 2,076 2,076 2,076 2,076 2,077 2,078 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1	4,314 7,562 4,655 2,700 200 1,992 1,597 163 1,433 2,90 11,712 4,28 2,03 2,250 7,425 2,78 1,066 1,192 2,902 2,086 1,186		
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54	Port services Other Royalties and license fees (table F.2, line 22) Affiliated, U.S. parents' payments U.S. affiliates' payments Unaffiliated Industrial processes 1 Other 2 Other private services (table F.2, line 23) Affiliated services, U.S. parents' payments U.S. affiliates' payments U.S. affiliates syvices Education Financial services Insurance, net Premiums paid Losses recovered Telecommunications Business, professional, and technical services Other unaffiliated services 3 Memoranda: Memoranda: Balance on goods (table F.2, line 64)	16,759 10,579 911 6,503 5,128 448 4,680 1,373 962 411 39,285 13,597 6,820 6,777 25,689 949 2,472 5,383 15,187 4,691 4,420	16,879 10,792 783 7,321 5,301 554 4,748 2,021 1,126 895 42,796 16,026 7,505 8,521 26,770 1,041 3,184 4,387 11,086 8,385 5,253 4,520	6,816 4,025 2,598 193 1,724 1,358 117 1,241 366 267 99 10,522 3,877 1,914 1,963 6,645 253 774 1,188 3,816 2,629 2,127 1,234	7,253 4,414 2,647 193 1,684 1,304 1,307 1,137 1,137 10,570 3,945 2,157 6,625 256 781 1,089 3,833 2,745 2,103 1,278 1,119	3,920 7,218 4,312 2,709 198 2,144 1,264 1,136 1,128 880 10,676 4,073 1,935 2,138 6,603 262 762 762 763 1,047 3,877 2,830 2,066 1,335 1,122	4,053 7,166 4,130 2,838 199 1,770 1,376 1,64 1,212 394 2,210 1,027 4,130 1,967 2,263 6,897 2,263 6,897 2,894 2,089 1,406 1,210	4,283 7,378 4,318 4,318 2,845 214 1,799 1,403 155 1,248 396 4,222 1,973 2,249 7,099 275 888 1,139 4,046 2,907 1,540 1,180	4,314 7,562 4,655 2,700 200 1,599 1,599 1,599 100 11,712 4,28 2,03- 2,255 7,426 2,71 1,066 1,199 4,115 2,992 2,086 1,612 1,186		
35 36 37 38 39 40 41 42 43 44 45 46 47 49 50 51 52 53 54	Port services Other Royalties and license fees (table F.2, line 22) Affiliated, U.S. parents' payments U.S. affiliated Industrial processes 1 Other 2 Other private services (table F.2, line 23) Affiliated services, U.S. parents' payments U.S. affiliates' payments U.S. parents' payments U.S. affiliates' payments U.S. parents' payments U.S. affiliates' payments U.S. affiliates' payments Unaffiliated services Education Financial services Insurance, net Premiums paid Losses recovered Telecommunications Business, professional, and technical services Other unaffiliated services 3	16,759 10,579 911 6,503 5,128 4,680 1,373 962 411 39,285 13,597 6,820 6,777 25,689 2,472 5,383 15,187 9,804 7,773 4,691 4,420	16,879 10,792 7322 5,301 554 4,748 2,021 1,126 895 42,796 16,026 7,505 8,521 26,770 1,041 3,184 4,387 11,086 8,385 4,520	6,816 4,025 2,598 193 1,724 1,358 117 1,241 386 267 99 10,522 3,877 1,914 1,963 6,645 253 774 1,188 1,816 2,629 2,127	7,253 4,414 2,647 193 1,684 1,304 137 1,167 380 279 101 10,570 1,788 2,157 6,625 781 1,088 2,157 6,825 781 1,088 2,157 1,119	3,920 7,218 4,312 2,709 198 2,144 1,264 136 1,128 880 288 288 592 10,676 4,073 1,935 2,138 6,603 262 769 1,047 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,830 2,800 2,800 2,800 2,800 2,800 2,8	1,053 7,166 4,130 2,838 199 1,770 1,376 164 1,212 394 292 103 11,027 4,130 1,867 2,263 859 1,064 3,947 2,884 2,089 1,406 1,210	4,283 7,378 4,318 2,845 214 1,799 1,403 155 1,248 396 291 106 11,321 4,222 1,973 2,249 7,099 275 888 1,139 4,046 2,907 2,076 2,076 2,076 2,076 2,076 2,077 2,078 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 1,540 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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.

<sup>P Preliminary.
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-</sup>

G. Investment Tables

Table G.1.—International Investment Position of the United States at Yearend, 1995 and 1996 [Millions of dollars]

			Cha	anges in po	∍ (−))			
				Attribut		 		
Line	Type of investment	Position 1995		Valua	Valuation adjustments			Position 1996 P
			Capital flows	Price changes	Exchange rate changes 1	Other changes 2	Total	
			(a)	(b)	(c)	(d)	(a+b+c+d)	
1 2	Net international investment position of the United States: With direct investment positions at current cost (line 3 less line 24) With direct investment positions at market value (line 4 less line 25)	-687,702 -637,480	-195,111 -195,111	32,038 39,063	-22,195 -46,339	2,446 8,564	-182,822 -193,823	-870,524 -831,303
3 4	U.S. assets abroad: With direct investment positions at current cost (lines 5+10+15) With direct investment positions at market value (lines 5+10+16)	3,272,731 3,700,432	352,444 352,444	121,367 267,858	-21,849 -45,567	-3,964 9,373	447,998 584,108	3,720,729 4,284,540
5 6	U.S. official reserve assets	176,061 101,279	-6,668	-4,581 3-4,581	-4,073	-4,581	-15,322 96,698	160,739
7 8 9	Special drawing rights	11,037 14,649	-370 1,280		-355 -494		-725 786 -10,802	10,312 15,435 38,294
10 11	U.S. Government assets, other than official reserve assets	81,897 79,958	690 796		-34 -1	1 1	657 796	82,554 80,754
12 13	U.S. credits and other long-term assets ⁴ Repayable in dollars Other ⁵	780	846 -50		-1	-12 13	834 -38	80,012 742
14	U.S. foreign currency holdings and U.S. short-term assets	1,939	-106		-33		-139	1,800
15 16	U.S. private assets: With direct investment at current cost (lines 17+19+22+23) With direct investment at market value (lines 18+19+22+23)	3,014,773 3,442,474	358,422 358,422	125,948 272,439	-17,742 -41,460	-3,965 9,372	462,663 598,773	3,477,436 4,041,247
17	Direct investment abroad: At current cost	884,290	87,813	7,375	-4,726	-3,954	86,508	970,798
18 19	At market value	1,311,991	87,813 108,189	153,866 118,573	-28,444 -7,675	9,383	222,618 219,087	1,534,609 1,273,439
20 21	Bonds	355,284 699,068	49,403 58,786	806 117,767	-7,521 -154		42,688 176,399	397,972 875,467
22	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns.	307,982	64,234		·		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
24 25	Foreign assets in the United States: With direct investment at current cost (lines 26+33) With direct investment at market value (lines 26+34)	3,960,433 4,337,912	547,555 547,555	89,329 228,795	346 772	-6,410 809	630,820 777,931	4,591,253 5,115,843
26 27	Foreign official assets in the United States	678,451 498,906	122,354 115,634	4,345 -4,333	***************************************	-1	126,698 111,301	805,149 610,207
26 27 28 29 30 31	U.S. Treasury securities Other	471,508 27,398	111,253 4,381	-3,802			107,451 3,850	578,959 31,248
30 31	Other U.S. Government liabilities 7	25,225 107,394	720 4,722			-1	719 4,722	25,944 112,116
32	Other foreign official assets	46,926	1,278	8,678			9,956	56,882
33 34	Other foreign assets: With direct investment at current cost (lines 35+37+38+39+42+43) With direct investment at market value (lines 36+37+38+39+42+43)	3,281,982 3,659,461	425,201 425,201	84,984 224,450		-6,409 810	504,122 651,233	3,786,104 4,310,694
35	Direct investment in the United States: At current cost	654,502	76,955	5,356	-426	-7,335	74,550	729,052
36 37	At market value	1,031,981 389,383	76,955 155,578	144,822 -14,411		-116	221,661 141,167	1,253,642 530,550
38	U.S. securities other than U.S. Treasury securities	192,300 999,537	17,300 133,798	94,039	-1,887		17,300 225,950	209,600 1,225,487
35 36 37 38 39 40 41	Corporate and other bonds Corporate stocks	534,116 465,421	121,194 12,604	721 93,318	-1,887		120,028 105,922	654,144 571,343
42	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns.	232,891	31,786		5,932	926	38,644	271,535
43	U.S. liabilities reported by U.S. banks, not included elsewhere	813,369	9,784		-3,273		6,511	819,880

P Preliminary.
r Revised.

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.

<sup>Revised.
1. Represents gains or losses on foreign-currency-denominated assets due to their revaluation at current exchange rates.
2. Includes changes in coverage, statistical discrepancies, and other adjustments to the value of assets.
3. Reflects changes in the value of the official gold stock due to fluctuations in the market price of gold.
4. Also includes paid-in capital subscriptions to international financial institutions and outstanding</sup>

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 (infle	ows (–))	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			ì						
Canada	78,018	85,441	91,587	6,760	8,435	6,875	5,873	8,812	8,642
Europe	320,135 28,204 38,467 29,558 121,321	360,994 32,950 44,226 39,344 122,767	399,632 34,000 44,259 44,667 142,560	28,785 2,586 2,217 6,331 7,177	45,292 5,726 4,373 8,420 4,515	45,274 5,221 955 7,140 18,310	30,468 1,296 3,107 5,081 8,082	41,320 2,728 4,783 6,890 11,384	46,183 3,322 4,286 7,991 13,862
Latin America and Other Western Hemisphere	115,093 18,400 16,169	128,252 23,706 15,980	144,209 26,166 18,747	19,010 3,517 3,674	14,753 4,899 2,955	14,299 3,064 2,747	16,299 4,756 2,497	15,221 3,515 1,369	17,404 3,879 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 Australia Japan	111,373 20,217 36,524	125,834 25,003 38,406	140,402 28,769 39,593	13,121 32 2,384	15,241 6,450 1,079	14,752 3,789 1,817	13,474 2,392 2,379	18,542 3,402 4,117	18,937 2,979 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 Chemicals and allied products Primary and fabricated metals Industrial machinery and equipment Electronic and other electric equipment Transportation equipment Other manufacturing	29,588 49,128 10,017 26,781 19,925 29,420 46,572	32,439 62,151 12,032 33,716 25,242 33,972 50,701	36,179 69,430 13,603 35,020 29,519 33,543 55,270	3,764 4,992 819 2,010 2,867 5,993 3,508	2,871 18,477 1,935 5,286 4,995 4,636 4,330	3,280 7,835 5,009 2,016 4,513 714 5,163	4,690 6,839 896 2,177 3,234 3,539 5,324	4,728 8,877 1,365 4,373 4,494 3,952 7,277	4,684 10,001 1,004 4,579 4,374 3,429 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 Capitat 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		Millions of dollars		Number of
	affiliates	Total assets	Sales	Net income	employees (thousands)
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 France Germany Italy Netherlands Switzerland United Kingdom	10,435 1,226 1,358 757 999 505 2,393	1,567,904 135,906 219,538 59,468 139,078 132,464 641,348	1,176,126 124,457 234,169 68,550 112,182 60,128 363,372	63,083 4,303 6,467 2,315 11,492 7,203 14,338	3,014.5 413.9 596.3 198.7 138.8 50.6 928.8
Latin America and Other Western Hemisphere	3,256 400 823	316,495 48,477 59,115	191,340 44,536 61,122	23,419 5,073 4,732	1,485.2 299.9 743.6
Africa	502	22,604	20,587	1,845	126.5
Middle East	338	30,231	21,703	2,899	73.4
Asia and Pacific Australia Japan	4,665 855 1,006	614,555 81,055 280,164	492,181 63,056 211,821	24,464 2,944 4,979	1,747.6 258.7 414.9
International	99	17,110	7,421	653	11.8
By industry					
Petroleum	1,520	272,087	428,030	13,981	230.9
Manufacturing Food and kindred products Chemicals and allied products Primary and fabricated metals Industrial machinery and equipment Electronic and other electric equipment Transportation equipment Other manufacturing	8,023 764 1,942 722 1,033 855 469 2,238	779,339 99,571 180,964 35,266 112,921 71,483 124,721 154,413	984,868 113,166 189,096 36,862 159,205 95,395 218,333 172,811	53,795 7,064 15,695 1,227 7,611 6,443 4,406 11,348	4,376.6 554.4 591.9 195.7 529.4 846.0 697.6 961.5
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]

		estment pos		Capital i	nflows (outfle	ows (-))		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 France Germany Netherlands United Kingdom	303,649 33,603 40,345 67,210 104,867	357,193 38,480 49,269 65,806 126,177	410,425 49,307 62,242 73,803 142,607	28,002 3,881 7,144 -3,174 8,076	55,300 4,500 10,229 -1,789 20,446	59,809 10,928 16,283 8,225 18,929	16,059 -63 2,256 4,120 7,232	22,975 1,722 1,908 5,212 11,006	25,806 2,654 2,097 6,294 9,220
Latin America and Other Western Hemisphere	26,070 629 2,412	25,240 751 1,980	24,627 591 1,078	4,767 -8 1,248	-1,121 97 -470	131 -99 -447	1,391 88 2	1,349 91 81	1,557 34 –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 8,080 102,999	122,986 7,833 107,933	134,255 9,747 118,116	9,061 1,101 6,238	8,519 504 6,591	13,104 2,129 11,930	805 -268 985	3,531 112 3,405	3,084 -31 3,106
By industry									
Petroleum	32,290	33,888	42,343	1,665	3,152	8,113	1,902	2,970	4,190
Manufacturing Food and kindred products Chemicals and allied products Primary and fabricated metals Machinery Other manufacturing	189,459 21,411 66,028 14,320 35,196 52,504	213,026 26,898 71,367 14,085 37,638 63,037	234,323 28,089 74,810 18,727 37,093 75,604	19,673 -1,375 10,820 1,982 3,826 4,419	27,849 5,596 11,306 312 3,986 6,648	29,112 2,439 6,880 5,280 -35 14,548	10,788 2,134 4,643 -216 1,165 3,063	15,886 1,709 6,202 1,273 2,316 4,386	17,262 1,780 6,247 1,060 1,739 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 attributional cost.

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

			Millions	of dollars			Millions o	of dollars
	Number of affiliates	Total assets	Sales	Net income	Gross product	Thousands of employees	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 France Germany Netherlands Switzerland United Kingdom	5,363 668 1,291 394 603 1,205	1,327,437 232,662 210,408 154,877 229,335 381,241	832,286 111,966 161,099 98,084 92,343 264,355	14,273 1,053 1,331 2,790 –137 8,101	202,361 24,178 37,182 28,013 18,624 71,049	2,991.0 348.2 580.6 334.2 308.3 986.5	59,344 14,882 12,308 5,357 6,398 11,728	86,349 11,255 27,753 8,730 7,847 14,367
Latin America and Other Western Hemisphere	1,078 75 265	53,830 8,661 9,593	52,067 3,903 8,540	917 89 20	13,345 213 1,798	166.6 4.3 35.6	6,193 866 661	10,126 1,310 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	4,212 172 3,241	598,404 37,003 519,577	489,928 22,209 418,656	-5,027 -577 -3,621	62,558 4,211 52,000	954.6 73.6 758.2	63,933 877 55,519	138,425 1,110 119,942
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 Chemicals and allied products Primary and fabricated metals Machinery Other manufacturing	252 331 396 739 1,178	57,195 191,614 55,979 96,130 186,132	50,879 131,892 70,086 123,167 186,128	632 3,903 1,547 176 3,566	12,229 39,768 17,804 32,163 55,028	228.6 407.1 246.9 541.6 852.6	2,790 13,778 3,988 18,861 16,144	3,238 13,582 8,018 29,219 27,734
Wholesale trade	2,228	222,616	466,192	174	39,135	455.5	65,500	148,735
Retail trade	353	47,982	93,624	759	23,951	759.1	1,793	3,742
Finance, except depository institutions	874	568,216	45,074	1,392	2,910	45.3	18	25
Insurance	167	514,601	88,149	3,570	8,557	148.2	0	0
Real estate	3,494	96,852	14,184	-2,283	5,574	24.9	9	1
Services	1,250	110,674	59,264	-1,975	23,753	633.0	492	690
Other industries	995	131,264	101,352	1,729	35,561	479.9	3,372	389

D Suppressed to avoid disclosure of data of individual companies.
Note.—The data in this table are from tables A1 and A2 in Foreign Direct Investment in the United States: Operations of U.S. Affiliates of Foreign Companies, Preliminary 1995 Estimates.

H. International Perspectives_____

Table H.1.—International Perspectives

					19	96			-			199	97			
	1995	1996	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
						Exchang	je rates pe	r U.S. dol	lar (not se	asonally a	djusted)					
Canada (Can.\$/US\$) France (FFr/US\$) Germany (DM/US\$) Italy (L/US¢) Japan (*/US¢) Mexico (Peso/US\$) United Kingdom (US\$/£)	1.3725 4.9864 1.4321 16.2945 .9396 6.4467 1.5785	1.3638 5.1158 1.5049 15.4276 1.0878 7.6004 1.5607	1.3697 5.0881 1.5025 15.2682 1.0919 7.6179 1.5530	1,3722 5,0636 1,4826 15,1662 1,0787 7,5143 1,5499	1.3694 5.1307 1.5080 15.2048 1.0993 7.5441 1.5593	1,3508 5,1652 1,5277 15,2382 1,1241 7,7345 1,5863	1.3381 5.1156 1.5118 15.1366 1.1230 7.9119 1.6623	1.3622 5.2427 1.5525 15.2844 1.1398 7.8769 1.6639	1.3494 5.4145 1.6047 15.6791 1.1791 7.8289 1.6585	1.3556 5.6536 1.6747 16.5500 1.2296 7.8023 1.6285	1.3725 5.7154 1.6946 16.9121 1.2277 7.9562 1.6096	1.3942 5.7672 1.7119 16.9452 1.2564 7.9059 1.6293	1.3804 5.7482 1.7048 16.8433 1.1919 7.9037 1.6322	1.3843 5.8293 1.7277 16.9454 1.1429 7.9498 1.6449	1.3775 6.0511 1.7939 17.4591 1.1538 7.8679 1.6694	1.3872 6.2010 1.8400 17.9712 1.1793 7.7818 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
						Unem	ployment	rates (per	ent, seaso	onally adju	sted)					
Canada France Germany Italy Japan Japan	9.6 11.6 9.4 12.0 3.1	9.7 12.3 10.4 12.1 3.4	9.9 12.4 10.3	9.5 12.4 10.4 12.1 3.3	10.0 12.5 10.5	10.0 12.5 10.6	10.0 12.5 10.8 12.0 3.3	9.7 12.5 10.9	9.7 12.5 11.2	9.7 12.5 11.3 12.2 3.3	9.3 12.5 11.2	9.6 12.5 11.2	9.5 12.5 11.4 12.4 3.6	9.1 12.6 11.4	9.0 12.5 11.5	9.0 12.5 11.6 12.1 3.4
MexicoUnited Kingdom	6.3 8.2	5.5 7.5	5.4 7.6	5.0 7.5	5.2 7.4	5.2 7.2	5.2 6.9	5.0 6.7	4.5 6.5	4.2 6.2	4.2 6.1	4.2 5.9	4.0 5.8	3.9 5.7	3.8 5.5	3.4 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
i						Cons	sumer pric	es (seasor	ally adjust	ed, 1990=	100)					
Canada	111.8 111.6 114.8 127.7 107.0 224.5 118.2	113.5 113.8 116.5 132.7 107.1 301.7 121.1	113.5 113.9 117.0 132.9 107.4 305.2 120.8	113.6 113.6 116.9 133.0 107.1 309.3 121.4	113.8 114.0 116.8 133.2 107.1 314.2 121.9	114.0 114.3 116.8 133.4 107.2 318.2 121.9	114.5 114.2 116.7 133.9 107.3 323.0 122.0	114.5 114.4 117.0 133.9 107.5 333.3 122.4	114.8 114.7 117.6 134.3 107.5 341.9 122.4	114.9 114.9 118.1 134.6 107.5 347.6 122.9	115.2 115.0 117.9 134.8 107.4 352.0 123.2	115.2 115.0 117.9 135.1 109.1 355.8 123.9	115.3 115.2 118.4 135.3 109.2 359.0 124.4	115.5 115.2 118.6 135.3 109.6 362.2 124.9	115.5 115.0 119.2 135.3 109.5 365.3 124.9	115.7 115.3 119.3 135.5 109.3 368.6 125.7
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
			Re	eal gross o	domestic p	roduct (per	rcent chan	ge from pr	eceding q	uarter, sea	sonally ad	justed at a	annual rate	s)		
Canada France Germany Italy Japan Mexico United Kingdom	2.3 2.1 1.9 3.0 1.4 -6.2 2.7	1.5 1.5 1.4 .6 3.5 5.1 2.3		3.3 3.3 2.2 2.9 1.3 7.4 2.2			2.9 .9 .7 6 3.8 6.0 4.3			3.7 1.0 1.2 -1.1 5.7 3.3 3.7			4.9 4.0 4.1 6.5 -11.2 19.4 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.

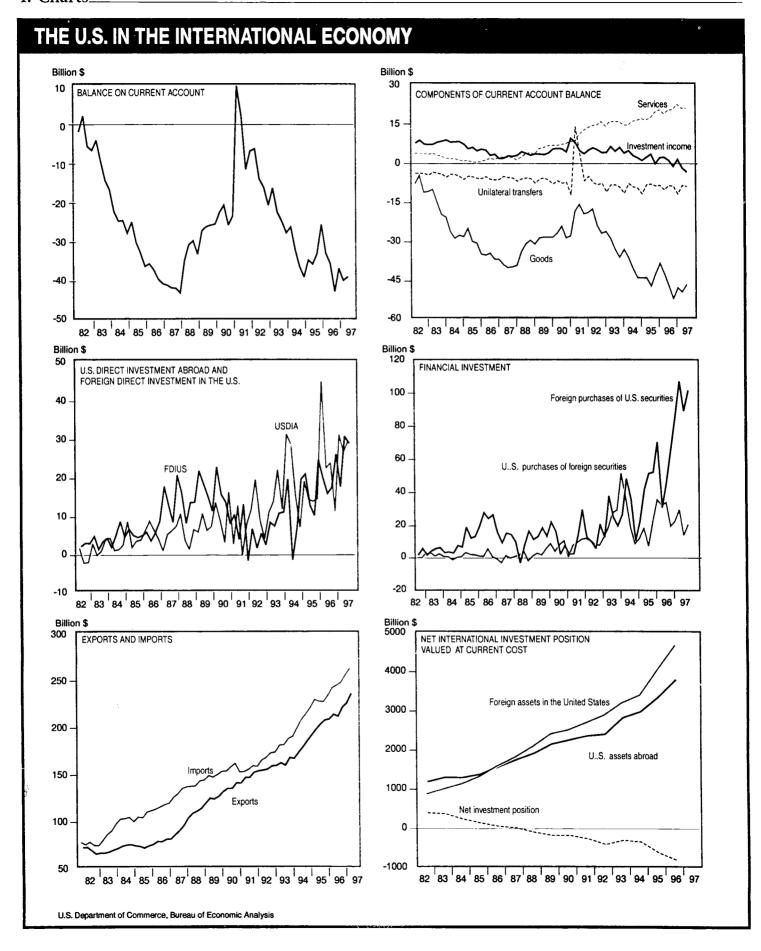
Table H.1.—International Perspectives—Continued

					19	96						19	97			
	1995	1996	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
					Short-te	erm, 3-mo	onth, inter	est rates	(percent	not sea	sonally a	djusted)				
Canada France Germany Italy Japan Mexico United Kingdom	7.07 6.58 4.53 10.46 1.23 48.24 6.68	4.43 3.94 3.31 8.82 .59 32.91 6.02	4.69 3.84 3.38 8.75 .68 31.66 5.73	4.24 3.96 3.29 8.81 .64 29.16 5.75	4.06 3.75 3.12 8.44 .54 27.79 5.76	3.49 3.51 3.12 8.02 .52 27.68 5.94	3.00 3.47 3.19 7.41 .52 28.94 6.29	3.08 3.44 3.23 7.25 .52 26.51 6.34	3.11 3.35 3.14 7.23 .53 24.60 6.32	3.10 3.33 3.19 7.36 .55 21.96 6.19	3.20 3.36 3.26 7.43 .56 22.32 6.20	3.41 3.40 3.23 7.13 .56 22.37 6.37	3.29 3.48 3.17 6.83 .58 20.59 6.45	3.22 3.43 3.14 6.88 .61 21.40 6.66	3.51 3.39 3.14 6.89 .67 19.40 6.95	3.63 3.43 3.26 6.87 .59 20.15 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 inte	est rates	, governn	nent bond	d yields (percent, i	not seaso	nally adj	usted)			
Canada France Germany Italy Japan Mexico United Kingdom	8.36 7.66 6.80 11.79 3.21 8.25	7.54 6.51 6.10 8.85 2.98	7.92 6.59 6.40 8.82 3.32	7.57 6.62 6.20 8.92 2.96	7.64 6.20 6.10 8.62 2.81	7.00 6.11 5.90 7.78 2.51	6.48 5.79 5.80 7.15 2.44 7.81	6.81 5.82 5.70 6.95 2.57	6.99 5.69 5.70 6.76 2.38	6.74 5.39 5.40 6.93 2.40 7.38	6.92 5.80 5.60 7.55 2.27	7.09 5.93 5.70 7.37 2.36	6.90 5.96 5.60 7.02 2.55 	6.63 5.67 5.60 6.82 2.37	6.30 5.50 5.40 6.38 2.12	6.30 5.65 5.50 6.53 2.01
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
			_		S	hare pric	e indices	(not sea	sonally a	djusted,	990=100)				
Canada France Germany Italy Japan Mexico United Kingdom	130.0 103.0 102.4 95.0 63.0 389.3 147.0	154.0 118.0 115.6 96.0 74.0 554.8 167.0	144.0 116.0 114.0 97.0 75.0 527.4 163.0	150.0 114.0 115.0 93.0 73.0 579.8 167.0	155.0 116.0 116.7 92.0 72.0 567.6 170.0	164.0 121.0 120.3 96.0 73.0 563.6 173.0	176.0 125.0 121.9 99.0 72.0 577.3 170.0	173.0 128.0 124.9 100.0 69.0 589.5 171.0	179.0 135.0 130.0 114.0 63.0 639.7 176.0	180.0 145.0 138.9 119.0 64.0 673.7 179.0	171.0 148.0 145.8 114.0 63.0 657.4 182.0	175.0 145.0 145.7 116.0 63.0 658.9 179.0	187.0 149.0 154.4 119.0 68.0 696.1 185.0	188.0 151.0 160.2 123.0 70.0 781.9 186.0	201.0 161.0 174.8 138.0 70.0 888.9 190.0	193.0 161.0 176.4
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

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.



Regional Data

J. State and Regional Tables.

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

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

Table J.1.—Personal Income and Nonfarm Personal Income for States and Regions

				Person	al income						1	lonfarm per	sonal incom	e 1		
Area name			Millions	of dollars			Percent	change 2			Millions	of dollars			Percent of	change 2
Alou hallo	1995	1996	19	96	19	97	1996:IV-	1997:I-	1995	1996	19	96	19	97	1996:IV-	1997:I-
				IV		. 11	1997:1	1997:II			111	IV		It I	1997:1	1997:11
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 Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	368,398 105,778 24,966 172,008 29,510 23,541 12,595	387,042 110,916 26,124 181,505 30,939 24,331 13,227	388,521 111,178 26,251 182,334 31,109 24,341 13,307	394,993 112,912 26,669 185,678 31,584 24,743 13,407	403,147 116,025 27,066 189,315 31,986 25,111 13,644	408,517 117,084 27,373 192,335 32,509 25,371 13,845	2.1 2.8 1.5 2.0 1.3 1.5 1.8	1.3 .9 1.1 1.6 1.6 1.0	367,830 105,608 24,885 171,864 29,468 23,506 12,499	386,389 110,730 26,015 181,352 30,894 24,302 13,097	387,823 110,977 26,139 182,171 31,062 24,310 13,164	394,302 112,709 26,559 185,515 31,537 24,712 13,270	402,496 115,850 26,954 189,162 31,939 25,079 13,511	407,790 116,879 27,257 192,162 32,458 25,335 13,698	2.1 2.8 1.5 2.0 1.3 1.5 1.8	1.3 .9 1.1 1.6 1.6 1.0
Mideast Delaware District of Columbia Maryland New Jersey New York Pennsylvania	1,200,373 18,757 18,021 133,769 239,052 505,812 284,963	1,258,684 20,095 18,539 140,068 250,295 530,655 299,031	1,264,426 20,252 18,629 140,748 251,460 532,396 300,941	1,280,913 20,735 18,787 142,657 254,430 540,159 304,145	1,304,164 20,809 19,011 145,502 259,310 550,884 308,649	1,317,041 21,240 19,086 147,033 261,436 556,314 311,931	1.8 .4 1.2 2.0 1.9 2.0 1.5	1.0 2.1 .4 1.1 .8 1.0 1.1	1,198,886 18,669 18,021 133,576 238,800 505,424 284,396	1,256,536 19,976 18,539 139,750 250,033 530,113 298,124	1,262,188 20,129 18,629 140,410 251,186 531,843 299,990	1,278,616 20,595 18,787 142,311 254,144 539,608 303,171	1,301,926 20,670 19,011 145,157 259,032 550,329 307,726	1,314,692 21,103 19,086 146,680 261,141 555,744 310,939	1.8 .4 1.2 2.0 1.9 2.0 1.5	1.0 2.1 .4 1.0 .8 1.0
Great Lakes Illinois	1,022,736 301,718 125,805 229,544 251,041 114,628	1,071,792 318,061 132,001 239,330 262,077 120,325	1,080,212 320,221 133,113 241,129 264,418 121,331	1,088,807 323,827 134,643 242,326 265,610 122,402	1,107,534 329,850 136,275 246,708 270,413 124,288	1,120,394 334,400 137,988 248,911 272,994 126,100	1.7 1.9 1.2 1.8 1.8	1.2 1.4 1.3 .9 1.0	1,020,239 301,300 125,504 228,856 250,221 114,358	1,067,296 316,357 131,105 238,872 261,128 119,834	1,075,483 318,444 132,162 240,650 263,411 120,816	1,084,008 321,971 133,730 241,835 264,609 121,862	1,102,662 327,876 135,346 246,210 269,479 123,751	1,115,529 332,586 137,019 248,389 272,000 125,535	1.7 1.8 1.2 1.8 1.8	1.2 1.4 1.2 .9 .9
Plains lowa	404,044 59,143 56,218 111,031 116,752 35,055 11,865 13,981	432,418 63,613 59,585 119,530 123,366 37,862 13,159 15,303	436,027 64,071 59,992 120,959 124,035 38,117 13,347 15,505	440,502 64,608 60,546 122,079 125,633 38,681 13,338 15,617	446,979 65,628 61,481 122,606 128,420 39,561 13,503 15,780	452,802 66,542 62,199 124,582 129,909 39,840 13,695 16,035	1.5 1.6 1.5 .4 2.2 2.3 1.2 1.0	1.3 1.4 1.2 1.6 1.2 .7 1.4 1.6	399,233 57,653 55,514 110,347 116,681 33,763 11,744 13,530	421,676 60,568 58,467 117,735 122,555 35,704 12,395 14,252	424,782 60,911 58,829 119,032 123,197 35,943 12,512 14,359	428,965 61,393 59,347 120,228 124,799 36,220 12,550 14,427	435,259 62,213 60,296 120,765 127,582 37,101 12,700 14,601	440,621 63,158 60,966 122,559 129,023 37,285 12,864 14,765	1.5 1.3 1.6 .4 2.2 2.4 1.2 1.2	1.2 1.5 1.1 1.5 1.1 .5 1.3
Southeest Alabama Arkansas Florida Georgia Kentucky Louisiana Mississippi North Carolina South Carolina Tennessee Virginia West Virginia	1,339,811 82,067 45,039 328,067 157,875 72,739 82,252 45,147 152,601 70,208 111,674 160,141 32,001	1,416,289 86,021 47,584 348,849 168,959 76,885 85,548 47,735 162,602 73,890 116,760 168,300 33,155	1,427,939 86,740 48,005 351,320 170,891 77,707 86,111 48,188 163,920 74,607 117,626 169,444 33,381	1,443,187 87,568 48,436 355,118 172,857 78,235 86,892 48,402 166,616 75,377 118,806 171,277 33,603	1,473,278 89,017 49,006 362,659 176,972 79,910 88,472 49,258 170,636 76,822 121,399 175,261 33,867	1,492,349 89,877 50,124 368,286 179,521 80,940 89,159 49,795 172,915 77,859 122,963 176,702 34,209	2.1 1.7 1.2 2.1 2.4 2.1 1.8 2.4 1.9 2.2 2.3	1.3 1.0 2.3 1.6 1.4 1.3 1.3 1.3 1.3 1.3 1.3	1,328,685 81,338 43,635 326,103 156,100 72,071 81,763 44,651 150,054 69,878 111,425 159,680 31,988	1,403,090 85,135 45,737 347,076 167,007 75,800 84,907 46,892 159,632 73,465 116,449 167,821 33,169	1,413,833 85,808 46,084 349,488 168,819 76,350 85,377 47,274 160,816 74,165 117,311 168,949 33,391	1,429,179 86,605 46,402 353,278 170,657 77,212 86,257 47,516 163,449 74,929 118,492 170,768 33,612	1,459,077 87,963 47,076 360,805 174,833 78,816 87,836 48,353 167,322 76,358 121,088 174,751 33,874	1,476,567 88,835 47,704 366,165 177,269 79,675 88,471 48,811 169,267 77,390 122,617 176,151 34,211	2.1 1.6 1.5 2.1 2.4 2.1 1.8 2.4 1.9 2.2 2.3	1.2 1.0 1.5 1.4 1.1 .7 .9 1.2 1.4 1.3 .8
Southwest	580,326 87,518 30,781 61,343 400,683	617,538 94,596 32,217 64,514 426,212	623,327 95,623 32,367 65,003 430,334	630,151 96,709 32,526 65,541 435,376	645,319 99,120 33,300 66,982 445,917	653,841 101,217 33,596 67,304 451,724	2.4 2.5 2.4 2.2 2.4	1.3 2.1 .9 .5 1.3	576,749 86,831 30,445 60,992 398,481	614,166 93,908 31,865 64,154 424,239	619,858 94,873 31,992 64,644 428,349	626,743 96,005 32,156 65,184 433,397	641,886 98,393 32,911 66,620 443,963	650,142 100,384 33,155 66,921 449,682	2.4 2.5 2.3 2.2 2.4	1.3 2.0 .7 .5 1.3
Rocky Mountain Colorado	176,490 91,766 22,368 16,157 36,166 10,035	188,316 98,258 23,591 16,896 39,199 10,371	190,154 99,191 23,795 17,017 39,697 10,453	192,566 100,578 23,877 17,213 40,397 10,501	196,424 102,492 24,354 17,292 41,505 10,781	198,677 103,657 24,732 17,533 41,915 10,841	2.0 1.9 2.0 .5 2.7 2.7	1.1 1.1 1.6 1.4 1.0	91,203 21,695 15,831 35,998 9,951	186,417 97,614 22,824 16,650 39,018 10,310	188,195 98,520 22,999 16,773 39,508 10,394	190,582 99,909 23,084 16,947 40,210 10,433	194,514 101,839 23,620 17,023 41,321 10,711	196,609 102,938 23,944 17,241 41,718 10,768	2.1 1.9 2.3 .5 2.8 2.7	1.1 1.1 1.4 1.3 1.0
Far West Alaska California Hawaii Nevada Oregon Washington	1,045,697 14,563 764,435 29,593 37,951 68,806 130,350	1,107,835 14,810 807,975 30,072 41,699 73,922 139,356	1,115,412 14,826 812,716 30,150 42,207 74,683 140,830	1,131,570 14,894 825,321 30,169 43,050 75,735 142,401	1,153,389 15,047 839,867 30,549 44,029 77,511 146,386	1,169,511 15,257 851,850 30,694 44,950 78,279 148,481	1.9 1.0 1.8 1.3 2.3 2.3 2.8	1.4 1.4 1.4 .5 2.1 1.0	1,037,142 14,553 757,869 29,405 37,900 68,282 129,132	1,097,695 14,801 800,556 29,888 41,647 73,180 137,623	1,104,822 14,817 804,963 29,966 42,151 73,920 139,004	1,120,756 14,885 817,380 29,984 42,996 74,951 140,560	1,142,865 15,038 832,138 30,362 43,976 76,732 144,619	1,158,054 15,248 843,382 30,505 44,895 77,461 146,565	2.0 1.0 1.8 1.3 2.3 2.4 2.9	1.3 1.4 1.4 .5 2.1 .9 1.3

Nonfarm personal income is personal income less farm earnings. Farm earnings consists of proprietors' net income; the cash wages, pay-in-kind, and other labor income of farm employees; and the salaries of officers of corporate farms.
 Percent changes are expressed at quarterly rates and are calculated from seasonally-adjusted unrounded data.

NOTE.—The personal income level shown for the United States is derived as the sum of the State estimates. It differs from the national income and product accounts (NIPA) estimate of personal income because, by definition,

it omits the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms. It can also differ from the NIPA estimate because of different data sources and revision schedules.

Source: Tables 1 and 5 in "State Personal Income, Revised Estimates for 1958-96" in the October 1997 SURVEY OF CURRENT BUSINESS and tables 1 and 2 in "Personal Income by State and Region, Second Quarter 1997" in this issue of the SURVEY.

Table J.2.—Percent of Personal Income for Selected Components for States and Regions

	Pe	ersonal incor	ne				Percent	of personal i	ncome			
Area name	Mi	lions of doll	ars	Net earning	s by place of	residence 1	Dividen	ds, interest, a	nd rent	Tra	nsfer paymen	its
	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 14,564	132,440 38,361	387,042 110,916	74.2 75.5	69.0 70.8	65.5 66.8	16.6	16.9	19.2 19.9	9.2 7.1	14.1 10.8	15.3 13.4
Connecticut	3,122	9,356	26,124	74.4	66.8	61.4	17.4 14.2	18.4 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 3,590	9,166	30,939	76.3	71.4	67.5	15.1	16.3	19.4	8.5	12.3	13.1
Rhode IslandVermont	3,590 1,481	9,189 4,423	24,331 13,227	74.6 74.6	66.2 67.5	61.7 63.4	14.6 14.9	16.3 17.1	18.2 20.9	10.8 10.5	17.5 15.5	20.1 15.7
Mideast	182,568	460,339	1,258,684	75.4	68.5	63.8	15.2	16.2	18.7	9.4	15.3	17.5
Delaware	2,400	6,315	20,095	76.4	72.6	66.1	17.3	15.0	19.6	6.3	12.5	14.3
District of Columbia	3,473	7,922	18,539	74.3	63.5	61.8	13.7	14.0	17.5	12.0	22.5	20.7
Maryland	16,187	46,192	140,068	80.0	72.2	66.8	12.5	14.8	18.1	7.5	13.0	15.0
New York	32,201 83,489	86,872 193,986	250,295 530,655	77.6 72.8	70.8 66.6	66.3 62.6	14.8 16.9	16.8 17.3	20.3 18.3	7.6 10.3	12.4 16.1	13.5 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 35,848	51,230 95,312	132,001 239,330	81.0 79.7	72.0 70.7	68.9 67.0	11.7 12.6	15.2 14.0	16.2 17.5	7.3 7.7	12.8 15.4	14.9 15.4
Michigan	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
lowa	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 14,111	23,538 41,497	59,585 119,530	76.9 77.3	69.1 71.3	65.7 68.5	13.7 13.9	17.8 16.0	19.1 17.6	9.4 8.9	13.1 12.8	15.2 13.9
Minnesota	16,495	46,116	123,366	76.7	67.7	63.7	14.0	17.7	19.4	9.4	14.6	16.9
Nebraska	5,264	14,364	37.862	75.7	67.5	67.2	15.6	19.5	18.2	8.7	13.0	14.6
North Dakota	1,862	5,081	13,159	75.5	61.9	63.8	14.4	22.9	18.3	10.1	15.2	17.9
South Dakota	1,975	5,428	15,303	76.3	64.4	64.8	13.4	20.3	18.2	10.2	15.3	17.0
Southeast	133,575	454,253 30,179	1,416,289	77.8 79.5	69.1 70.8	63.9 65.2	12.5 9.9	15.5	18.0 14.7	9.7 10.5	15.5 17.1	18.1 20.1
Arkansas	9,431 5,021	17,129	86,021 47,584	75.7	66.1	64.6	11.6	12.1 15.1	14.7	12.7	18.8	20.1
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 16.6
North Carolina	15,236 7,204	47,736 23,964	162,602 73,890	81.9 82.0	73.1 72.9	68.0 66.0	10.1 9.4	12.8 11.8	15.5 15.1	8.0 8.6	14.0 15.3	18.9
South Carolina 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 94,596	77.6	73.0	68.1	13.4	15.1	15.8	9.0 9.6	11.8	16.1 17.3
New Mexico	6,023 2,940	25,626 10,807	32,217	74.3 77.2	68.0 70.6	64.3 63.7	16.1 12.3	17.8 14.4	18.4 16.2	10.5	14.2 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 9.3	10.8 13.3	12.9 15.9
Idaho	2,286 2,243	8,130 6,945	23,591 16,896	78.4 75.0	70.5 66.0	66.9 58.9	12.3 14.6	16.2 19.2	17.2 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 3,332	281,590 10,563	807,975 30,072	74.9 79.2	70.0 73.0	65.7 66.1	15.1 14.3	16.9 14.6	18.8 17.7	10.0 6.5	13.1 12.3	15.5 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	16.2 13.7 16.3
Washington	13,681	44,820	139,356	76.8	70.7	65.9	13.9	15.7	18.3	l 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 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

		Per capita per	sonal income 1		Per	capita disposable	personal incon	ne 1
Area name		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	l <u>.1</u>
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	4 ا
Rhode Island	22,383 20,299	23,738 21,538	24,572 22,470	18 29	19,638 17,878	20,856 19,036	21,457 19,743	18 28
Mideast	25,613	26,968	28,242		22.000	23,136	24,028	
Delaware	24,748	26,159	27,724	5	21,215	22,417	23,549	6
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	l 6
New Jersey	28,547	30,071	31,334	l ži	24,474	25,826	26,595	Ź
New York	26,332	27,806	29,181	1 41	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 17
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	
lowa	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	10
Missouri	20,779	21,949	23,022	25 27	18,244	19,234	20,075	22
Nebraska	20,435	21,385	22,917	2/	18,030	18,763	19,966	24
North Dakota	18,229 18,783	18,495 19,165	20,448 20,895	38 37	16,315 17,051	16,526 17,331	18,255 18,849	16 22 24 38 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	45 19 26 42 40 50 33 41 30
Georgia	20,686	21,901	22,977	20 26 42	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	l 43 l	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 West Virginia	23,129 16,998	24,208 17,532	25,212 18,160	14 49	19,961 15,250	20,880 15,706	21,600 16,179	14 49
				**			·	
Southwest	19,739 19,562	20,673 20,329	21,614 21,363	35	17,630 17,205	18,459 17,860	19,146 18,633	36
Arizona			18.803	48	15,301	16,278	16,727	1 40
New Mexico	17,187	18,215	19,544	45	15,985	16,614	17,217	40
Oklahoma	18,039 20,308	18,731 21,311	22,282	31	18,224	19,114	19,815	36 48 44 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 20,013	18,468 20,941	19,595 21,544	44 34	15,029 17,661	15,952 18,542	16,812 18,961	46 47 34
Wyoming			l i	34	-			
Far West	22,867 23,487	24,052 24,170	25,173 24,398	19	19,994 20,364	20,955 21,002	21,706 21,050	20
California	23,022	24,217	25,346	13	20,158	21,002	21,826	20 13
Hawaii	24,278	25.095	25,404	12	21,012	21,978	22,065	10
Nevada	23,422	20,090	26,404	'5	20,285	21,435	22,280	g
Oregon	20,575	21,851	23,074	24	17,530	18,698	19,612	29 11
Washington	22,755	23,927	25,187	15	20,112	21,138	22.057	1 11

1. Per capita personal income and per capita disposable personal income were computed using midyaer 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 or CURRENT BUSINESS.

Table J.4.—Gross State Product for States and Regions by Industry, 1994
[Millions of dollars]

	Γ		l —	Agricul-				/anufacturin	0	_					_	<u> </u>	
State and region	Rank of total gross state product	Total gross state product	Farms	tural services, forestry, and fishing	Mining	Construc- tion	Total	Durable goods	Nondura- ble goods	Transpor- tation and public utilities	Whole- sale trade	Retail trade	Finance, insur- ance, and real estate	Services	Federal civilian govern- ment	Federal military govern- ment	State and local govern- ment
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 Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	21 42 10 40 44 50	389,259 110,449 26,069 186,199 29,393 23,867 13,282	1,182 280 221 296 94 56 234	1,915 504 267 777 138 147 82	237 38 12 113 29 14 31	13,158 3,646 1,142 5,943 1,031 822 574	66,134 18,612 4,639 30,387 6,053 4,148 2,296	43,392 12,231 2,200 20,245 4,336 2,776 1,605	22,743 6,381 2,439 10,142 1,718 1,372 691	27,786 7,744 1,864 12,883 2,327 1,739 1,229	25,962 7,328 1,510 13,237 1,742 1,274 872	33,195 8,813 3,159 14,784 2,913 2,204 1,323	92,056 30,138 4,742 42,919 6,502 5,456 2,299	88,578 22,939 4,816 47,245 5,723 5,151 2,704	6,712 1,510 827 3,134 448 477 317	2,084 579 342 678 67 354 65	30,258 8,319 2,528 13,804 2,326 2,026 1,256
Mideast Delaware District of Columbia Maryland New Jersey New York Pennsylvania	41 16 8 2 6	1,327,798 26,697 48,028 132,703 264,945 570,994 294,431	4,504 221 0 601 479 1,399 1,805	4,012 75 13 610 864 1,221 1,229	2,355 4 7 111 152 428 1,653	45,626 889 428 6,536 9,261 16,661 11,852	183,235 5,397 1,267 11,442 36,841 70,346 57,941	85,106 1,486 153 5,676 12,144 35,556 30,091	98,129 3,911 1,114 5,766 24,698 34,790 27,850	114,721 1,354 2,596 11,144 25,750 46,605 27,272	86,894 1,046 577 8,199 23,374 35,683 18,014	100,291 1,513 1,367 11,787 19,096 40,005 26,523	321,733 10,414 6,888 29,253 57,125 164,081 53,972	294,563 3,419 15,636 29,531 54,124 129,468 62,385	46,598 358 16,102 9,956 4,186 8,443 7,553	7,278 273 1,166 2,117 832 1,804 1,087	115,987 1,733 1,981 11,416 22,862 54,850 23,145
Great Lakes Illinois Indiana Michigan Ohio Wisconsin	4 15 9 7 19	1,111,598 332,853 138,190 240,390 274,844 125,321	11,265 3,515 1,839 1,486 2,121 2,302	4,418 1,321 531 887 1,039 640	4,459 1,273 753 938 1,238 258	45,155 14,086 6,493 8,584 10,583 5,409	284,542 62,441 41,843 71,415 73,887 34,956	188,314 35,277 29,115 54,414 48,605 20,903	96,229 27,164 12,728 17,001 25,282 14,053	90,978 31,940 11,407 16,156 22,592 8,882	77,674 26,639 8,382 16,373 18,534 7,745	97,284 27,549 12,734 19,958 25,922 11,120	179,209 63,253 18,448 36,385 41,404 19,719	198,663 66,853 21,325 42,288 47,899 20,298	19,212 6,357 2,725 2,814 5,225 2,091	4,025 1,686 479 527 1,032 300	94,713 25,938 11,229 22,580 23,366 11,600
Plains lowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota	29 31 20 17 36 49 46	455,013 68,298 61,758 124,641 128,216 41,357 13,494 17,250	17,428 4,238 2,529 2,822 1,751 3,160 1,286 1,642	2,562 553 348 534 563 308 84 173	2,466 156 815 507 356 98 349 185	19,202 2,700 2,402 5,318 5,823 1,714 588 657	88,359 16,699 10,727 24,950 27,017 6,031 979 1,956	49,443 9,775 5,638 14,510 14,477 3,088 534 1,422	38,916 6,924 5,090 10,440 12,540 2,944 445 534	43,306 5,388 7,444 9,564 13,476 4,559 1,496 1,378	34,207 4,718 4,545 10,061 9,406 3,147 1,255 1,076	41,979 5,966 5,956 11,134 12,493 3,488 1,291 1,652	69,161 9,632 7,831 21,869 18,734 5,937 1,673 3,487	79,879 10,090 10,003 23,882 24,172 6,724 2,302 2,706	10,786 1,263 1,584 2,361 3,549 1,104 358 567	4,102 191 1,347 306 892 587 494 288	41,575 6,706 6,227 11,334 9,985 4,500 1,341 1,483
Southeast Alabama Arkansas Florida Georgia Kentucky Louisiana Mississippi North Carolina South Carolina Tennessee Virginia West Virginia	25 33 5 11 26 22 32 12 27 18 13 39	1,478,627 88,661 50,575 317,829 183,042 86,485 101,101 50,587 181,521 79,925 126,539 177,708 34,654	20,175 1,512 2,035 3,399 2,491 1,867 882 1,256 3,420 724 1,242 1,147 200	7,841 460 315 2,735 768 442 369 287 786 363 363 476 737	21,509 1,184 382 711 752 2,941 9,995 356 229 158 347 1,074 3,380	60,747 3,496 1,846 14,592 6,707 3,429 4,476 1,855 7,078 3,473 4,677 7,443	282,972 19,398 12,578 26,612 32,576 23,221 17,417 11,854 53,629 21,787 30,611 27,435 5,854	126,435 9,593 6,757 15,079 13,383 12,545 4,311 7,015 19,739 8,403 16,049 11,047 2,514	156,537 9,805 5,820 11,533 19,192 10,676 13,107 4,839 33,890 13,384 14,562 16,389 3,341	143,740 8,821 6,196 29,914 21,865 8,305 11,059 6,228 14,315 6,399 10,646 15,425 4,567	97,808 5,515 3,077 22,644 16,355 4,770 5,784 2,840 11,692 4,232 9,694 1,836	144,130 8,926 5,193 35,783 16,714 7,651 8,717 5,008 16,338 8,043 13,881 14,820 3,057	226,278 10,860 5,637 68,123 28,563 9,514 13,260 5,680 23,465 10,297 30,823 3,838	263,453 14,045 7,272 72,639 31,980 12,471 16,738 7,597 26,345 11,632 23,663 33,594 5,477	45,781 4,173 1,179 6,669 5,667 2,683 1,841 1,522 3,148 1,846 4,450 11,646	31,101 1,411 4,573 3,519 1,803 1,320 1,064 4,882 2,273 694 9,009	133,092 8,861 4,455 29,435 15,085 7,387 9,241 5,039 16,194 8,545 10,403 14,860 3,587
Southwest	24 37 30 3	677,888 94,093 37,832 66,189 479,774	8,347 810 564 1,591 5,381	3,541 673 178 311 2,379	39,652 1,114 2,702 3,281 32,555	28,989 5,116 1,781 2,069 20,024	105,712 13,973 5,117 11,060 75,562	61,747 11,155 4,422 6,615 39,555	43,964 2,817 695 4,445 36,007	72,514 8,345 3,672 7,281 53,216	46,743 5,677 1,645 4,051 35,369	62,877 10,034 3,551 6,663 42,630	98,977 17,115 5,130 8,203 68,529	120,958 18,155 6,595 10,788 85,419	17,331 2,538 1,791 2,500 10,502	9,967 1,200 834 1,476 6,456	62,281 9,343 4,272 6,915 41,750
Rocky Mountain Colorado	23 43 47 35 48	198,132 99,767 24,185 16,862 41,657 15,660	3,989 1,180 1,260 835 418 297	1,120 506 276 135 123 79	8,816 1,660 169 837 1,484 4,666	10,271 5,234 1,536 758 2,151 591	24,790 12,299 4,612 1,317 5,891 670	15,011 7,197 3,030 763 3,806 215	9,779 5,102 1,583 555 2,086 455	22,017 11,014 2,181 2,152 4,008 2,662	11,869 6,341 1,456 1,049 2,532 492	19,563 10,039 2,502 1,714 4,268 1,040	29,743 16,825 3,092 2,261 5,905 1,661	37,142 20,626 3,771 3,061 8,221 1,464	7,215 3,424 760 742 1,901 388	3,034 1,885 268 266 412 202	18,564 8,736 2,301 1,734 4,346 1,447
Far West Alaska California Hawaii Nevada Oregon Washington	45 1 38 34 28 14	1,197,326 22,720 875,697 36,718 43,958 74,366 143,867	15,306 18 11,171 282 142 1,481 2,212	10,241 356 7,189 198 178 734 1,586	10,563 4,238 4,459 26 1,438 96 306	46,084 1,038 29,222 2,151 3,090 3,447 7,137	161,354 1,149 121,842 1,128 2,002 14,814 20,418	103,692 317 76,608 296 1,269 11,260 13,942	57,662 833 45,234 832 733 3,554 6,476	91,293 3,835 63,122 3,475 3,376 5,909 11,576	80,707 672 59,860 1,414 1,990 5,888 10,882	110,589 1,539 79,662 4,063 4,084 6,773 14,467	256,519 2,480 199,078 8,584 8,058 12,464 25,856	259,485 2,653 193,314 7,586 14,967 13,248 27,716	29,015 1,113 18,900 1,745 840 2,020 4,397	18,357 1,094 11,187 2,623 435 223 2,795	107,814 2,535 76,691 3,442 3,358 7,269 14,519

NOTE.—Totals shown for the United States differ from the NIPA estimates of gross domestic product (GDP) because State data exclude the statistical discrepancy (the difference between GDP and gross domestic income), the compensation of Federal civilian and military personnel stationed abroad, and government consumption of fixed capital for military structures located abroad and for military equipment, except office equipment; they may also differ from the GDP estimates because of differences in revision schedules.

Sources: Tables 9 and 10 in "Comprehensive Revision of Gross State Product by Industry, 1977–94" in the June 1997 SURVEY OF CURRENT BUSINESS.

K. Local Area Table_

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

	ı aı		income	Oliai III		aniu apita per			ersonal income by Metrop	Olitali A	Personal			Per c	apita per	sonal in	come 3
Area name	Mill	lions of dol		Percent	1010	Dollars	i soriai iii	Rank in	Area name	Milli	ons of dolla		Percent	10.0	Dollars	301121 1111	Rank in
7.102 112.110	1993	1994	1995	change ²	1993	1994	1995	U.S. 1995	Area name	1993	1994	1995	change ²	1993	1994	1995	U.S. 1995
United States ¹	5,471,129 4,627,255 843,874	4,850,244	6,097,977 5,162,277 935,700	6.2 6.4 5.2	21,223 22,481 16,239	22,044 23,327 16,959	23,196 24,594 17,658		Colorado Springs, CO	8,301 2,290	8,931 2,443	9,660 2,608	8.2 6.7	19,104 19,212	19,684 20,178	21,137	166 157
Consolidated Metropolitan Statistical Areas Chicago-Gary-Kenosha, IL-IN-WI Cincinnati-Hamilton, OH-KY-IN	210,079 40,549	220,224 42,522	234,889 45,310	6.7 6.6	24,869 21,559				Columbia, SC	9,298 4,612 30,328 6,128 1,610	9,818 4,798 32,441 6,469 1,682	10,464 5,060 34,614 6,833 1,765	6.6 5.4 6.7 5.6 5.0	19,362 17,023 21,525 16,594 15,894	17,549 22,825 17,190 16,627	18,616 24,132 17,984 17,460	68 285 293
Cleveland-Akron, OH	64,737 98,735 51,988 121,251 93,005	67,827 105,222 54,925 131,581 97,330	72,102 113,633 59,361 140,169 104,073	6.3 8.0 8.1 6.5 6.9	24,211 23,139	23,350 24,034 25,084 25,117 23,693	24,792 25,418 26,581 26,646		Dalias, TX* Danville, VA Davenport-Moline-Rock Island, IA- II Dayton-Springfield, OH	68,719 1,793 7,016 19,884	73,638 1,865 7,337 20,823	79,737 1,965 7,722 22,132	8.3 5.3 5.3 6.3	24,084 16,395 19,646 20,734	20,534	17,930	32 286 137 89
Los Angeles-Riverside-Orange County, CA	331,389 71,826 37,629	337,711 74,618 39,592	357,571 80,095 42,025	5.9 7.3 6.1		22,122 21,965 24,182			Daytona Beach, FL	7,417 2,466 2,360 43,300	7,867 2,623 2,434 45,764	8,464 2,772 2,517 49,546	7.6 5.7 3.4 8.3	17,120 17,912 20,106	17,742 19,069 20,851	18,794 19,955 21,640	249 200 134
New York-No. New Jersey-Long Island, NY-NJ-CT-PA	564,130 147,099 41,382	585,058 151,972 44,382	619,024 160,677 48,170	5.8 5.7 8.5	28,691 24,743 21,236	29,654 25,497 22,308	26,921		Des Moines, IA Detroit, MI* Dothan, AL Dover, DE	9,387 100,582 2,264 2,069	10,014 108,703 2,372 2,177	10,709 115,754 2,506 2,344	6.9 6.5 5.7 7.7	17,494	25,494 23,987 25,320 17,819 18,232	19,333	250 226
Sacramento-Yolo, CA	33,416 181,386 77,103	35,017	37,534 201,544 85,826	7.2 7.3 6.3	21,212 28,055 24,214	22,052 28,901 25,062	23,332 30,802 26,231		Dubuque, IA Duluth-Superior, MN-WI Dutchess County, NY* Eau Claire, WI	1,669 4,338 6,092 2,440	1,771 4,540 6,132 2,584	1,865 4,782 6,302 2,754	5.3 5.3 2.8 6.5	19,011 17,959 23,177 17,292	23,474 18,218	21,160 19,959 24,098 19,335	155 199 69 225
Washington-Baltimore, DC-MD-VA- WV	185,306 2,117	194,456 2,153	204,023 2,299	4.9 6.8		27,584 17,720	'		El Paso, TX Elkhart-Goshen, IN Elmira, NY Enid. OK	8,391 3,317 1,686 1,031 5,278	8,809 3,564 1,773 1,063 5,510	9,299 3,780 1,863 1,099 5,811	5.6 6.1 5.0 3.3 5.5	12,964 20,485 17,745 18,246 18,879	18,766 18,719	19,160	312 107 206 235 168
Akron, OH* Albany, GA Albany-Schenectady-Troy, NY Albuquerque, NM	13,869 1,915 19,396 12,071 2,177	14,691 2,063 20,365 13,056 2,332	15,620 2,199 21,004 14,188	6.3 6.6 3.1 8.7 5.3	20,663 16,507	21,828 17,711 23,082 20,175 18,492	23,103 18,849	246 73 142	Erie, PA Eugene-Springfield, OR Evansville-Henderson, IN-KY Fargo-Moorhead, ND-MN Fayetteville, NC	5,327 5,853 2,952 4,773	5,667 6,071 3,165 4,899	6,043 6,360 3,348 5,210	6.6 4.8 5.8	18,036 20,505 18,469	18,932 21,184 19,535	19,917 22,124 20,433 18,289	202 124 180 271
Alexandria, LA Allentown-Bethlehem-Easton, PA Altoona, PA Amarillo, TX Anchorage, AK	13,250 2,287 3,673 6,616	13,794 2,379 3,916 6,921	2,456 14,580 2,495 4,188 7,015	5.7 4.9 7.0 1.4	21,754 17,338	22,554 17,963 19,664 27,484	23,801 18,891	74 244 177 22	Flagstaff, AZ-UT Flint, MI* Florence, AL	4,319 1,679 8,418 2,256	4,696 1,820 9,407 2,397	5,078 1,948 9,908 2,547	8.1 7.0 5.3 6.3	15,124 19,469 16,679	19,293 15,959 21,757 17,801	20,060 16,733 22,815 18,837	192 299 101 248
Ann Arbor, MI* Anniston, AL Appleton-Oshkosh-Neenah, WI Asheville, NC Athens, GA	12,251 1,846 6,735 3,920 2,276	13,472 1,916 7,178 4,095 2,416	14,508 2,024 7,672 4,391 2,606	7.7 5.6 6.9 7.2 7.8	19,491	26,255 16,989 21,596 20,050 18,094	27,829 17,840 22,810 21,181 19,320	102 154 228	Florence, SC Fort Collins-Loveland, CO Fort Lauderdale, FL* Fort Myers-Cape Coral, FL Fort Pierce-Port St. Lucie, FL	2,067 4,075 32,716 7,784 6,126	2,177 4,368 34,274 8,259 6,362	2,301 4,726 37,008 8,880 6,866	5.7 8.2 8.0 7.5 7.9	17,285 19,875 24,175 21,672 22,491	20,538	18,767 21,747 26,192 23,664 24,313	251 130 37 78 64
Atlanta, GA Atlantic-Cape May, NJ* Augusta-Aiken, GA-SC Austin-San Marcos, TX Bakersfield, CA	75,166 8,192 8,114 18,737 10,073	80,871 8,502 8,429 20,331 10,218	87,956 8,964 8,809 22,338 10,860	8.8 5.4 4.5 9.9 6.3	23,260 24,973 18,297	24,229 25,768	25,563 27,020 19,451 22,185 17,625	42 29 222	Fort Smith, AR-OK Fort Walton Beach, FL Fort Wayne, IN Fort Worth-Arlington, TX*	3,014 2,914 9,698 30,015 14,363	3,244 3,060 10,202 31,585 14,583	3,428 3,237 10,867 33,896 15,274	5.7 5.8 6.5 7.3 4.7	18,491 20,803 20,867	17,515 19,007 21,768 21,527 17,384	18,167 19,795 23,048 22,665 18,014	276 208 95 106 283
Baltimore, MD* Bangor, ME (NECMA) Barnstable-Yarmouth, MA (NECMA)	56,912 2,518 4,870 10,492	59,799 2,601 5,106	62,556 2,728 5,492	4.6 4.9 7.6	23,282 17,228 25,286	24,326 17,777 26,090	25,347 18,747 27,568	44 252 25 156	Gadsden, AL Gainesville, FL Galveston-Texas City, TX* Gary, IN* Glens Falls, NY	1,639 3,473 4,497 11,998 2,146	1,727 3,663 4,731 12,613	1,839 3,905 5,065 13,369 2,364	6.4 6.6 7.0 6.0 4.3	16,425 18,193 19,381 19,472 17,602	16,935 18,961 20,130 20,397	18,032 19,984 21,300 21,534	281 198 149 139 227
Baton Rouge, LA Beaumont-Port Arthur, TX Bellingham, WA Benton Harbor, MI Bergen-Passaic, NJ*	6,711 2,593 3,073 40,789 2,361	11,233 6,951 2,789 3,257 42,024	11,919 7,348 2,953 3,442 44,345 2,662	6.1 5.7 5.9 5.7 5.5	17,973 18,198 19,018 31,489	20,193 32,291	19,541 19,775 21,284 33,931	221 210 150 4	Goldsboro, NC Grand Forks, ND-MN Grand Junction, CO Grand Rapids-Muskegon-Holland,	1,664 1,707 1,768	2,267 1,768 1,809 1,866	1,895 1,906 2,007	7.2 5.4 7.6	15,408 16,492 17,553	16,261 17,326	17,127 18,297	295 270 243
Billings, MT Biloxi-Gulfport-Pascagoula, MS Binghamton, NY Birningham, AL Bismarck, ND	5,374 5,071 17,846 1,627	2,515 5,852 5,172 18,960 1,697	5,269 20,283 1,814	5.8 4.3 1.9 7.0 6.9	16,315 19,165 20,644	20,472 17,339 19,727 21,547 19,255	17,856 20,446 22,830	288 178 99	MI	20,059 1,500 2,466 4,349	21,591 1,527 2,529 4,622	23,232 1,624 2,700 4,936	7.6 6.4 6.8 6.8	18,682 17,548	21,811 18,803 17,470 22,267	18,178	275
Bloomington, IN	1,939 2,797 6,932 146,890	2,029 3,056 7,629	2,147 3,213 8,330	5.8 5.1 9.2	17,196 20,722 20,711	17,844 22,417 21,885	18,603 23,229 23,052	261 90 94	Point, NC	23,267 2,041 15,643	24,511 2,174 16,664	26,357 2,339 17,948	7.5 7.6 7.7	21,288 17,889 18,140		19,813	86 207 184
Brownsville-Harlingen-San Benito,	6,221 3,775 4,108	153,749 6,632 3,970 4,293	164,718 7,114 4,240 4,529	7.1 7.3 6.8 5.5	18,112	26,832 26,555 18,662 19,802	19,595	20 218 197	Hagerstown, MD*	2,156 6,076 13,179 29,959	2,296 6,438 13,751 30,762	2,382 6,882 14,533 32,169	3.8 6.9 5.7 4.6 7.7	17,134 19,679 21,753 26,813	18,162 20,377 22,546 27,587	18,740 21,527 23,752 28,962	253 141 75 14
TXBryan-College Station, TXBuffalo-Niagara Falls, NYBurlington, VT (NECMA)	3,259 1,877 24,140 3,864	3,476 1,985 25,509 4,018	3,682 2,086 26,766 4,280		14,524 20,254 21,053	11,610 15,187 21,475 21,518	15,872 22,645 22,687	313 306 109 105	Hattiesburg, MS Hickory-Morganton-Lenoir, NC Honolulu, Hi Houma, LA Houston, TX*	29,959 1,525 5,602 21,675 2,759 84,734	1,635 5,945 22,254 2,963 88,628	1,761 6,286 22,901 3,126 94,768	5.7 2.9 5.5	14,937 18,527 25,150 14,808	15,773 19,402 25,602 15,807 24,214 16,865	20,235 26,300 16,585	186 35 302
Canton-Massillon, OH	7,625 1,414 3,835 3,125 8,879 5,201	8,052 1,469 4,094 3,235 9,168 5,434	8,535 1,550 4,363 3,390 9,447 5,744	6.0 5.5 6.6 4.8 3.0 5.7	19,014 22,476 21,928 18,442 16,919 20,465	20,054 22,978 23,184 19,518 17,769 21,352	24,248	152 65 61 181 247 112	Huntington-Ashland, WV-KY-OH Huntsville, AL	5,123 6,547 32,605 2,042 2,715 7,410	5,341 6,784 34,440 2,206 2,887 7,981	5,566 7,091 36,402 2,321 3,055 8,594	4.5 5.7 5.2 5.8	20,818 22,605 20,612 17,779	20,711 23,583 21,926 18,936	21,624 24,664 22,894 19,913	135 55 98 203
Charlotte-Gastonia-Rock Hill, NC-SC Charlottesville, VA Chattanooga, TN-GA Cheyenne, WY Chicago, Ita' Chico-Paradise, CA Cincinnati, OH-KY-IN' Clesswille, TN-KY	26,536 3,172 8,461 1,570 193,676	28,472 3,318 8,887 1,597	30,989 3,512 9,453 1,664	8.8 5.8 6.4 4.2 6.7	21,505 22,926 19,450 20,420	22,580 23,622 20,230 20,458 26,553	24,022 24,630 21,330 21,201	71 56 147 153	Jackson, TN Jacksonville, FL Jacksonville, NC Jamestown, NY Janesville-Beloit, WI	1,678 19,606 1,962 2,385 2,831	2,887 7,981 1,829 20,630 2,030 2,503 3,018	1,963 22,209 2,149 2,595 3,247	7.3 7.7 5.9 3.7 7.6	17,693 20,401 13,474 16,763 19,580	19,032 21,234 14,005 17,635 20,635	20,161 22,617 14,897 18,366 21,865	190 110 310 269 127
Chico-Paradise, CA Cincinnati, OH-KY-IN* Clarksville-Hopkinsville, TN-KY Cleveland-Lorain-Elyria, OH*	3,225 34,473 2,694 50,869	202,969 3,317 36,084 2,854 53,136	216,553 3,482 38,428 3,053 56,482	5.0	16,881 21,928 14,943	17,249	18,040 24,199 16,833	280	Jersey City, NJ* Johnson City-Kingsport-Bristol, TN- VA Johnstown, PA	11,975 7,596 4,080	12,241 7,936 4,211	12,987 8,442 4,431	6.1 6.4 5.2	21,714		23,561	80

See footnotes at end of table.

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

		Personal				apita per	<u> </u>		al income by Metropolitan	1	Personal		unaca	Per ca	apita pe	rsonal in	come 3
Area name	Milli	ions of dolla	ars	Percent change 2		Dollars		Rank in U.S.	Area name	Milli	ons of dolla	ars	Percent change 2		Dollars		Rank in U.S.
	1993	1994	1995	1994-95	1993	1994	1995	1995		1993	1994	1995	1994-95	1993	1994	1995	1995
Jonesboro, AR Joplin, MO Kalamazoo-Battle Creek, MI Kankakee, I.* Kansas City, MO-KS Kencaha, Wi* Killeen-Temple, TX	1,154 2,357 8,737 1,808 36,359 2,597 4,202	1,226 2,543 9,229 1,892 38,533 2,751 4,530	1,335 2,739 9,821 2,020 41,123 2,948 4,828	8.9 7.7 6.4 6.7 6.7 7.2 6.6	15,905 16,857 19,895 18,003 22,290 19,092 15,600	16,704 17,960 20,964 18,699 23,244 19,990 15,682	22,203 19,901 24,576	122 204 58 158	Raleigh-Durham-Chapel Hill, NC Rapid City, SD	21,293 1,564 7,698 2,909 6,933 3,388	22,694 1,645 8,020 3,007 7,506 3,605	24,596 1,760 8,455 3,146 8,110 3,699	8.4 7.0 5.4 4.6 8.0 2.6	18,319 25 189	18,785	20,176 24,139 19,558 27,866	189 67 219
Knoxville, TN Kokomo, IN La Crosse, WI-MN Lafayette, LA Lafayette, IN Lake Charles, LA Lakeland-Winter Haven, FL	12,153 2,071 2,314 5,720 2,994 2,957 7,175	12,964 2,203 2,430 6,161 3,164 3,176	13,814 2,368 2,550 6,527 3,353 3,394 8,344	6.6 7.5 4.9 5.9 6.0 6.9	19,627 20,848 19,385 15,999 18,070 17,188	20,566 22,130 20,210 17,060 18,806 18,258	21,558 23,715 21,088	138 77 159 287 215 230	Richmond-Petersburg, VA Riverside-San Bernardino, CA* Roanoke, VA Rochester, MN Rochester, NY	21,378 50,578 5,017 2,608 24,339 6,837	22,540 52,250 5,207 2,667 25,451 7,381	23,940 55,477 5,575 2,784 26,703 7,888	6.2 6.2 7.1 4.4 4.9 6.9	23,141 22,372	23,574 23,386	20,618 25,851 18,685 24,378 24,720 24,566 22,602 18,615	52 52 59
Lancaster, PA Lansing-East Lansing, MI Laredo, TX Las Cruces, NM Las Vegas, NV-AZ	9,537 8,531 1,730 2,059 21,342	7,709 9,785 9,168 1,885 2,160 23,786	10,321 9,686 1,966 2,343 26,198	8.2 5.5 5.7 4.3 8.5 10.1	13,487 21,054	22,084 20,614 11,430 13,752 21,974	23,056 21,717 11,402 14,643 22,927	93 132 314 311 97	Rocky Mount, NC Sacramento, CA* Saginaw-Bay City-Midland, MI St. Cloud, MN St. Joseph, MO St. Louis, MO-IL Salem, OR*	2,375 30,464 7,973 2,609 1,697 56,970 5,300	2,481 31,962 8,478 2,777 1,781 59,826 5,624	2,656 34,258 8,996 2,902 1,872 63,929 6,010	7.1 7.2 6.1 4.5 5.1 6.9 6.9	21,306 19,787 16,825 17,251 22,529	22,173 21,047 17,708 18,214 23,634	23,459 22,342 18,278 19,222 25,170	84 118 272 2 233 48 48 236
Lawrence, KS Lawton, OK Lewiston-Auburn, ME (NECMA) Lexington, KY Lima, OH Lincoin, NE Little Rock-North Little Rock, AR Longylew-Marshall, TX	1,417 1,778 1,849 8,660 2,795 4,541 10,489 3,507	1,505 1,803 1,918 9,080 2,988 4,831 11,105 3,660	1,608 1,880 2,019 9,743 3,117 5,156 11,916 3,905	6.8 4.3 5.3 7.3 4.3 6.7 7.3	16,483 15,041 17,808 20,331 17,897 20,275 19,680 17,531	15,866 18,558 21,060 19,168 21,325 20,652	16,870 19,626 22,394 20,042	217 116 195 114 126	Salinas, CA Salt Lake City-Ogden, UT San Angelo, TX San Anflonio, TX San Diego, CA San Francisco, CA* San Jose, CA*	5,300 7,946 20,413 1,754 25,644 56,001 55,375 43,786	7,922 22,030 1,845 27,298 57,820 56,964 45,784	8,452 23,739 1,958 29,313 61,106 60,853 49,548	6.7 7.8 6.1 7.4 5.7 6.8 8.2	22,577 17,674 17,553 18,214 21,484 33,891	23,804 18,703 18,247 19,055 22,114 34,745	25,270 19,825 19,231 20,034	205 205 1 232 1 196 8 88
Los Angeles-Long Beach, CA* Louisville, KY-IN Lubbock, TX Lynchburg, VA Macon, GA Madison, WI Mansfield, OH	199,770 20,804 4,100 3,723 5,490 9,206 3,039	201,754 21,834 4,330 3,922 5,740 9,765 3,201	213,337 23,232 4,590 4,127 6,085 10,391 3,373	5.7 6.4 6.0 5.2 6.0 6.4 5.4	21,984 21,363 18,027 18,550 18,129 23,822 17,343	22,218 22,267 18,776 19,314 18,686 25,032 18,265	23,501 23,552 19,783 20,199 19,674 26,449 19,243	82 81 209 188 216 33	San Luis Obispo-Atascadero-Paso Robles, CA Santa Barbara-Santa Maria- Lompoc, CA Santa Cruz-Watsonville, CA* Santa Fe, NM Santa Rosa, CA*	4,216 9,193 5,618 2,913 9,703	4,361 9,378 5,788 3,087 10,103	4,645 9,929 6,193 3,350 10,779	6.5 5.9 7.0 8.5 6.7	18,970 24,216 24,049 22,812 23,799	19,444 24,435 24,587 23,461 24,533	20,490 25,860 26,202 24,691 25,888	176 40 2 36 53 39
McAllen-Edinburg-Mission, TX Medford-Ashland, OR Meibourne-Titusville-Palm Bay, FL Mempde, CA	4,521 2,859 8,564 21,862 3,025 39,110	4,893 3,070 8,938 23,432 3,043 40,344	5,248 3,272 9,341 25,222 3,017 43,087	7.3 6.6 4.5 7.6 9 6.8	10,170 18,080 19,663 20,988 15,735 19,699	10,525 18,913 20,161 22,215	10,878 19,746 20,747	213 167 79 307	Sarasota-Bradenton, FL Sevannah, GA Scranton-Wilkes-Barre-Hazleton, PA Seattle-Bellevue-Everett, WA* Sharon, PA Shehovan, WI	13,489 5,292 11,963 57,079 2,042 2,188	14,375 5,612 12,316 59,763 2,141 2,314	15,557 5,971 12,927 63,422 2,259 2,456	8.2 6.4 5.0 6.1 5.5 6.2	18,695 26,458 16,702	ł	18,498	179 15 263
Middlesex-Somerset-Hunterdon, NJ* Milwaukee-Waukesha, WI* Minneapolis-St. Paul, MN-WI Mobile, AL Modesto, CA Momouth-Ocean, NJ*	31,640 33,779 66,474 8,495 6,992 27,308 2,390	33,117 35,519 70,555 8,967 7,139 28,058	35,087 37,698 74,901 9,469 7,449 29,635	5.9 6.1 6.2 5.6 4.3 5.6	29,967 23,263 25,026 16,811 17,379 26,720	30,997 24,422 26,197 17,614 17,537 27,089	32,507 25,906 27,436 18,429 18,122	7 38 26 266 278	Sheboygan, WI Sheboygan, WI Sheman-Denison, TX Shreveport-Bossier City, LA Sioux City, IA-NE Sioux Falls, SD South Bend, IN Spokane, WA	5,126	1,751 7,296 2,336 3,504 5,399 7,849	1,879 7,672 2,517 3,747 5,741 8,271	6.2 7.3 5.2 7.7 6.9 6.3 5.4	17,420 18,495 18,493 21,573 20,215 18,932	17,963 19,321 19,544 23,045 21,150	19,090 20,228 20,871 24,320 22,350	240 8 187 1 165 0 63 0 117 5 173
Monroe, LA Montgomery, AL Muncle, IN Myrite Beach, SC Naples, FL Nashville, TN Nassau-Surfolk, NY New Haven-Bridgeport-Stamford- Danbury-Waterbury, CT New London-Norwich, CT	2,390 5,840 2,180 2,544 5,343 23,385 77,581	2,528 6,178 2,287 2,771 5,601 25,394 80,864	2,708 6,558 2,384 3,034 6,015 27,453 85,250	7.1 6.1 4.2 9.5 7.4 8.1 5.4	16,395 18,996 18,185 17,143 31,084 22,367 29,373	19,964 19,204 18,177	21,000 20,044 19,220 32,878 25,077	162 193 234 5 50	Springfield, IL Springfield, MO Springfield, MA (NECMA) State College, PA Steubenville-Weirton, OH-WV Stockton-Lodi, CA Sumter, SC Syracuse, NY	2,247 2,326 9,115	4,381 5,640 12,566 2,333 2,420 9,385 1,549 15,544	4,554 6,053 13,264 2,475 2,521 9,924 1,645 16,171	3.9 7.3 5.6 6.1 4.2 5.7 6.2 4.0	21,311 18,562 20,321 17,403 16,519 17,826	21,657 19,556 21,080 17,977 17,278	22,426 20,616 22,342 18,957 18,079	5 172 118 7 242 9 279 4 245 7 308
New Orleans, LA New York, NY*	52,715 5,907 25,439 242,044	l	57,566 6,615 28,089 266,669	5.6 5.7 5.9	i	25,157 20,277 29,227		34 144 11	Tacoma, WA* Tallahassee, FL Tampa-St. Petersburg-Clearwater, FL Terre Haute, IN Texarkana, TX-Texarkana, AR	1,975	12,706 4,784 45,864 2,654 2,080	13,586 5,083 49,391 2,789 2,215	7.7 5.1 6.5	20,567 17,160 16 184	21,246 17,757	19,753 22,646 18,640	3 212 6 108 0 258 8 284
Newark, NJ* Newburgh, NY-PA* Norfolk-Virginia Beach-Newport News, VA-NC Oakland, CA* Ocala, FL Odessa-Midland, TX	57,117 7,061 28,554 56,796 3,533 4,650	3,804 4,875	62,684 7,729 31,217 62,995 4,090 5,152	4.5 4.9 7.1 7.5	18,826 26,196 16,673 19,829	30,459 20,813 19,485 26,973 17,318 20,618	20,332 28,729 18,130 21,674	183 16 277 133	Toledo, OH	12,583 3,409 9,809 12,644 14,918 2,678	13,292 3,554 10,194 13,782 15,473 2,856	14,038 3,753 10,770 14,770 16,274 3,045	5.6 5.7 7.2 5.2 6.6	20,521 20,775 29,853 17,767 20,192 17,306 19,357	20,823	22,971 22,752 32,633 19,556 21,789	1 229
Oklahoma City, OK	18,503 3,791 14,167 65,005 26,180 1,562	27,690 1,669	5,152 20,474 4,288 16,108 71,272 29,645 1,758	7.7 6.0 7.1 5.3	20,662 21,535 25,681 19,621 17,468	21,301 22,540 26,213 20,313 18,496	20,139 22,258 24,002 27,420 21,395 19,390	120 72 72 27 143 223	Tyler, TX Utica-Rome, NY Vallejo-Fairfield-Napa, CA* Ventura, CA* Victoria, TX Vineland-Miliville-Bridgeton, NJ* Visalia-Tulare-Porterville, CA	5,632 10,108 16,035 1,513 2,720 5,263	2,856 3,238 5,892 10,476 16,494 1,594 2,786 5,363	3,456 6,085 11,174 17,485 1,700 2,936 5,615	3.3 6.7 6.0 6.6 5.4 4.7	17,729 21,138 23,196 19,197 19,567 15,516	18,680 21,820 23,527 19,892 20,063	5 21,253 0 19,740 0 23,328 7 24,736 2 21,042 3 21,312 7 16,144	0 214 8 87 6 51 2 161 2 148 4 305
Panama City, FL Parkersburg-Marietta, WV-OH Pensacola, FL Peoria-Pekin, IL Philadelphia, PA-NJ* Phoenix-Mesa, AZ Pine Bluff, AR Pittsburgh, PA	2,373 2,739 6,229 7,005 122,479 48,394 1,290 53,184	2,471 2,853 6,484	2,592 2,999 6,818 7,692 133,528 58,036 1,397 57,518	4.9 5.1 5.1 3.7 5.7 10.3 5.8	17,295 18,115 17,195 20,428 24,775 20,180	17,680 18,816 17,391 21,551 25,521 21,178 15,649 22,760	18,229 19,774 18,025 22,235 26,959 21,839	273 211 5 282 5 121 9 30 128	Waco, TX Washington, DC-MD-VA-WV* Waterloo-Cedar Falls, IA Wausau, WI West Palm Beach-Boca Raton, FL Wheeling, WV-OH Wichita, KS	3,297 126,237 2,258 2,247 30,995 2,717 10,710	3,474 132,361 2,406 2,370 32,424 2,796 10,934	3,734 139,085 2,540 2,530 35,204 2,926 11,617	5.1 5.6 6.8 8.6 4.7 6.2	16,963 28,631 18,142 18,772 33,197 17,138	17,526 29,64 19,419 19,689 33,860 17,720	18,674 4 30,824	4 257 4 12 0 169 2 164 7 2 2 256
Pittsfield, MA (NECMA)	3,048 1,121 5,649 36,081	38,758	3,326 1,245 6,253 42,160 21,576	5.3 6.1 8.8 6.6	21,687	22,185	24,553	76	Wichita Falls, TX	2,119 13,709 3,499 3,599 2,952	2,519 2,184 14,321 3,741 3,738 3,055	3,276	6.5 8.6 5.2 7.2	17,517 25,649 18,667 17,559 20,293	18,08 26,50 19,31 17,81 20,86	0 19,10; 7 27,92; 4 20,24; 0 18,42; 4 22,08;	2 239 4 21 7 185 7 267
Provo-Orem, UT	3,895 2,061 2,294 3,849	20,241 4,248 2,176 2,456 4,073	4,691 2,390 2,649 4,327	10.4 9.9 7.9	13,736 16,378 18,636	14,063 17,025 19,483 22,275	15,099 18,441 20,539	309 1 265 3 174	York, PA Youngstown-Warren, OH Yuba City, CA Yuma, AZ	7,632 11,051 2,191	7,823 11,641 2,233 1,687	8,299 12,302 2,366	6.1 5.7 5.9	21,563 18,249 16,566 14,112	21,72 19,31 16,56	7 22,75 7 20,51: 9 17,41- 8 16,22	9 103 2 175 4 294

The personal income level shown for the United States is derived as the sum of the county estimates; it differs from the national income and product accounts (NIPA) estimate of personal income because, by definition, it omits the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms. It can also differ from the NIPA estimate because of different data sources and revision schedules.

2. Percent change was calculated from unrounded data.

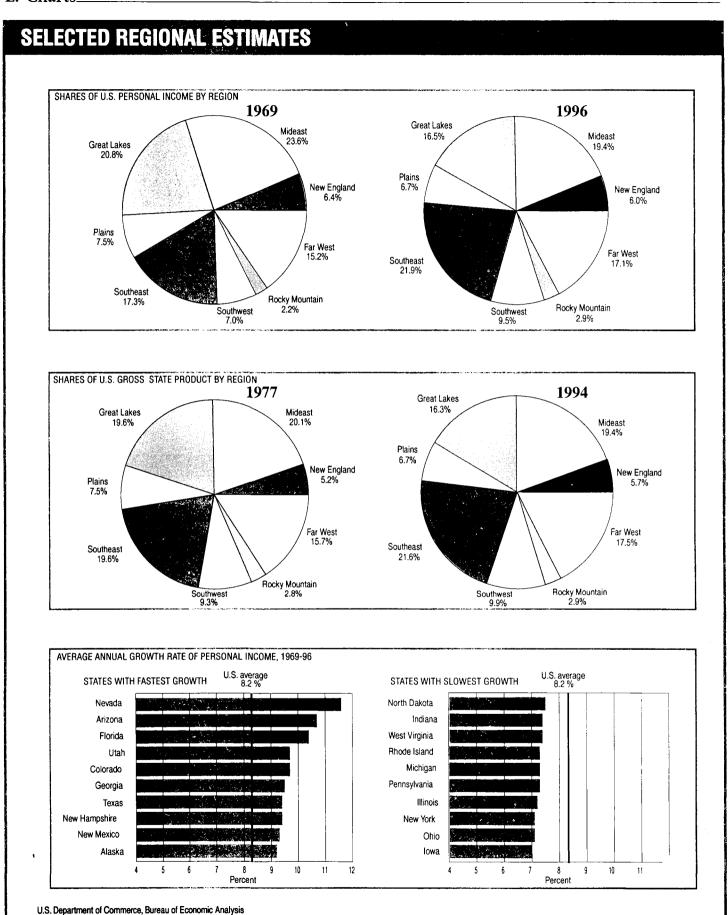
3. Per capita personal income was computed using Census Bureau midyear population estimates. Estimates for

¹⁹⁹³⁻⁹⁵ reflect county population estimates available as of March 1997.

4. Includes Metropolitan Statistical Areas, Primary Metropolitan Statistical Areas (PMSA's designated by *), and New England County Metropolitan Areas (NECMA's). The New Haven-Bridgeport-Stamford-Denbury-Waterbury, CT NECMA is presented as a PMSA (part of the New York CMSA).

Source: Table 1 in "Comprehensive Revision of Local Area Personal Income, 1969-95" in the September 1997 SURVEY.

L. Charts



SELECTED REGIONAL ESTIMATES PER CAPITA PERSONAL INCOME,1996 WA \$21,011 \$25,187 VT \$26,615 MT ND \$22,470 \$19,214 \$20,448 MN OR \$25,663 MΔ \$23,074 ID \$29,792 \$19,837 \$23,320 \$20,895 wv \$29,18 \$24,945 \$21,544 \$24,572 (he \$22,306 NV \$24,803 \$22,917 IN \$31,334 \$33,875 \$26,011 \$23,457 IIT \$26,848 \$22,601 w \$18,160 VA \$19,595 \$27,618 \$27,724 MD \$25,704 МО \$25,346 \$23,165 \$25,212 \$23,022 \$19,797 NM \$21,949 AR \$21,363 \$19,544 \$18,803 \$18,959, MS \$20,131 \$22,977 LA \$17,575 ΤX \$22,282 \$19,664 н \$25,404 \$24,226 United States \$24,426 \$24,398 States with highest levels States with lowest levels All other States PERSONAL INCOME GROWTH: AVERAGE QUARTERLY PERCENT CHANGE, 1996:II-1997:II WA 1.8 MT 1.1 ND 1.1 OR 1.6 MA 1.6 ID 1.2 SD 1.3 NY 1.4 WY 1.2 RI 1.1 CT 1.5 IA 1.2 NE 1.4 NV 2.1 DE 1.7 UT 1.9 CO 1.5 MD 1.4 CA 1.5 0.9/ KS 1.2 MO 1.4 DC 1.1 KY 1.4 NC 1.7 TN 1.4 OK 1.2 AZ 1.9 AR 1.3 SC 1.5 NM 1.1 GA 1.7 AL 1.2 1.1 TX 1.6 LA 1.1 FL United States 1.4% States with largest percent change States with smallest percent change All other States

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

Appendix A

Additional Information About BEA's NIPA Estimates

Statistical Conventions

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

Except for the most recent period, the annual and quarterly changes in real GDP and prices are "chaintype" 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 chaintype measures for those estimates. For example, the 1996:II–1996:III percent change in real GDP uses prices for 1996:III and 1996:III as weights, and the 1996:II–1996:III percent change in the GDP price index uses quantities for 1996:III 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 \times 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]

		,	Seasonal	y adjuste	d at annu	ual rates		
	1004	1005	1006	19	96		1997	
	1994	1995	1996	10.	١٧	ı	11	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.

 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.

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]

				Seasonally adjusted at annual rates					
	Line	1995	1996	1996				1997	
				1	11	III	IV	ı	- 11
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 3 4	5.1 0 .9	6.9 0 1.1	6.3 0 .8	12.5 0 1.0	5.2 0 1.5	3.7 0 1.1	6.7 .6 .8	9.3 .9 .7
Plus: Adjustment for grossing of parent/affiliate interest payments	5 6	8.0 33.3	8.7 34.0	10.1 33.2	7.3 34.1	8.4 33.6	8.9 34.9	8.6 35.4	8.3 36.5
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 11 12	5.3 0 0	7.7 0 0	6.8 0 0	14.6 0 0	6.2 0 0	3.4 0 0	8.7 -3.4 0	11.0 ~4.0 0
Plus: Gold, NIPA's Adjustment for grossing of parent/affiliate interest payments Adjustment for U.S. territories and Puerto Rico Imputed interest paid to rest of world	13 14 15 16	-3.6 8.0 21.9 14.5	-3.8 8.7 22.4 15.3	-3.4 10.1 21.6 14.3	-3.6 7.3 22.3 14.8	-4.0 8.4 22.4 15.9	-4.2 8.9 23.4 16.3	-3.6 8.6 24.1 16.5	-3.9 8.3 26.1 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 20 21	-3.8 0 .9	-4.6 0 1.1	-3.9 0 .8	-5.7 0 1.0	-5.0 0 1.5	-3.9 0 1.1	-5.6 4.0 .8	-5.6 4.9 .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

Consists of statistical revisions in the NIPA's that have not yet been incorporated into the BPA's (1997:II) and statistical revisions in the BPA's that have not yet been incorporated in the NIPA's (1997:I-1997:II).

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

Appendix B Suggested Reading

Mid-Decade Strategic Plan

BEA has published the following articles in the SUR-VEY OF CURRENT BUSINESS on the development and implementation of its strategic plan for improving the accuracy, reliability, and relevance of the national, regional, and international accounts.

"Mid-Decade Strategic Review of BEA's Economic Accounts: Maintaining and Improving Their Performance" (February 1995)*

"Mid-Decade Strategic Review of BEA's Economic Accounts: An Update" (April 1995)*

"BEA'S Mid-Decade Strategic Plan: A Progress Report" (June 1996)*

Mid-Decade Strategic Review of BEA's Economic Accounts: Background Papers (1995) presents seven background papers that evaluate the state of the U.S. economic accounts and that identify the problems and the prospects for improving the accounts.

Methodology

BEA has published a wealth of information about the methodology used to prepare its national, regional, and international estimates.

National

National income and product accounts (NIPA's)

NIPA Methodology Papers: This series documents the conceptual framework of the NIPA's and the methodology used to prepare the estimates.

An Introduction to National Economic Accounting (NIPA Methodology Paper No. 1, 1985) [Also appeared in the March 1985 issue of the SURVEY] Corporate Profits: Profits Before Tax, Profits Tax Liability, and Dividends (NIPA Methodology Paper No. 2, 1985)

Foreign Transactions (NIPA Methodology Paper No. 3, 1987)

GNP: An Overview of Source Data and Estimating Methods (NIPA Methodology Paper No. 4, 1987) [Also appeared in the July 1987 issue of the SURVEY]

Government Transactions (NIPA Methodology Paper No. 5, 1988)

Personal Consumption Expenditures (NIPA Methodology Paper No. 6, 1990)

The methodologies described in these papers are subject to periodic improvements that are typically introduced as part of the annual and comprehensive revisions of the NIPA's; these improvements are described in the SURVEY articles that cover these revisions.

"Annual Revision of the U.S. National Income and Product Accounts": This series of Survey articles, the latest of which was published in the August 1997 issue,* describes the annual NIPA revisions and the improvements in methodology.

The most recent comprehensive revision of the NIPA's is described in the following series of SURVEY articles.

"Preview of the Comprehensive Revision of the National Income and Product Accounts: BEA's New Featured Measures of Output and Prices" (July 1995)*

"Preview of the Comprehensive Revision of the National Income and Product Accounts: Recognition of Government Investment and Incorporation of a New Methodology for Calculating Depreciation" (September 1995)*

"Preview of the Comprehensive Revision of the National Income and Product Accounts: New and Redesigned Tables" (October 1995)*

"Improved Estimates of the National Income and Product Accounts for 1959–95: Results of the Comprehensive Revision" (January/February 1996)*

"Completion of the Comprehensive Revision of the National Income and Product Accounts, 1929–96" (May 1997)*

"Updated Summary NIPA Methodologies" (September 1997 SURVEY)* identifies the principal source data and estimating methods that are used to prepare the estimates of gross domestic product (GDP).

Availability

For the availability of some of these publications, see the inside back cover of this issue. See also the *User's Guide to BEA Information*: To request a copy, write to the Public Information Office, BE-53, Bureau of Economic Analysis, U.S. Department of Commerce, Washington DC 20230, call 202-606-9900, or visit BEA's Internet site at http://www.bea.doc.gov.

^{*} Items with an asterisk can be found on BEA's Internet site at http://www.bea.doc.gov.

Information on the sources and methods used to prepare the national estimates of personal income, which provide the basis for the State estimates of personal income, can be found in *State Personal Income*, 1929–93 (1995).*

"Gross Domestic Product as a Measure of U.S. Production" (August 1991 Survey) briefly explains the difference between GDP and gross national product.

The conceptual basis for the chain-type measures of real output and prices used in the NIPA's is described in the following SURVEY articles.

"Alternative Measures of Change in Real Output and Prices" (April 1992)*

"Economic Theory and BEA's Alternative Quantity and Price Indexes" (April 1992)*

"Alternative Measures of Change in Real Output and Prices, Quarterly Estimates for 1959–92" (March 1993)*

"Preview of the Comprehensive Revision of the National Income and Product Accounts: BEA's New Featured Measures of Output and Prices" (July 1995)*

"BEA's Chain Indexes, Time Series, and Measures of Long-Term Economic Growth" (May 1997)*

"Reliability and Accuracy of the Quarterly Estimates of GDP" (October 1993 SURVEY)* evaluates GDP estimates by examining the record of revisions in the quarterly estimates.

"A Look at How BEA Presents the NIPA'S" (May 1996 SURVEY)* explains how to locate the NIPA estimates and some of the conventions used in their presentation.

Wealth and related estimates

"Improved Estimates of Fixed Reproducible Tangible Wealth, 1929–95" (May 1997 SURVEY)* describes the most recent revision of the estimates of fixed reproducible tangible wealth.

Gross product by industry

"Improved Estimates of Gross Product by Industry, 1959–94" (August 1996 Survey)* describes the most recent comprehensive revision of the estimates of gross product by industry.

"Gross Product by Industry, 1947–96" (November 1997 SURVEY)* presents the most recent revision to the estimates of gross product by industry and briefly describes changes in methodology.

Input-output accounts

"Benchmark Input-Output Accounts for the U.S. Economy, 1992" (November 1997 SURVEY)* describes the preparation of the 1992 input-output accounts and the concepts and methods underlying the U.S. input-output accounts.

International

Balance of payments accounts (BPA's)

The Balance of Payments of the United States: Concepts, Data Sources, and Estimating Procedures (1990) describes the methodologies used in preparing the estimates in the BPA's and of the international investment position of the United States. These methodologies are subject to periodic improvements that are typically introduced as part of the annual revisions of the BPA's.

"U.S. International Transactions, Revised Estimates": This series of Survey articles, the latest of which was published in the July 1997 issue,* describes the annual BPA revisions and the improvements in methodology.

Direct investment

The coverage, concepts, definitions, and classifications used in the benchmark surveys of U.S. direct investment abroad and of foreign direct investment in the United States are presented in the publications of the final results of the following benchmark surveys.

U.S. Direct Investment Abroad: 1989 Benchmark Survey, Final Results (1992)*

Foreign Direct Investment in the United States: 1992 Benchmark Survey, Final Results (1995)*

The types of data on direct investment that are collected and published by BEA and the clarifications of the differences between the data sets are presented in the following Survey articles.

"A Guide to BEA Statistics on U.S. Multinational Companies" (March 1995)*

"A Guide to BEA Statistics on Foreign Direct Investment in the United States" (February 1990)*

Regional

Personal income

State Personal Income, 1929–93 (1995)* includes a description of the methodology used to prepare the estimates of State personal income. [Also available on the CD-ROM "State Personal Income, 1958–96"]

Local Area Personal Income, 1969–92 (1994)* includes a description of the methodology used to prepare the estimates of local area personal income. [Also available on the CD-ROM "Regional Economic Information System, 1969–95"]

Gross state product

"Comprehensive Revision of Gross State Product by Industry, 1977–94" (June 1997 SURVEY)* summarizes the sources and methods for BEA's estimates of gross state product.

BEA INFORMATION

The economic information prepared by the Bureau of Economic Analysis (BEA) is available in news releases, in publications, on computer diskettes, on CD-ROM's, and on the Internet. For a description of these products in the free *User's Guide to BEA Information*, write to the Public Information Office, BE-53, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230, or call (202) 606-9900. The *User's Guide* and other information are also available on BEA's home page at http://www.bea.doc.gov.

In addition, the following publications are available from the Superintendent of Documents of the Government Printing Office (GPO). To order, write to Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954, call (202) 512-1800 or fax (202) 512-2250. Pay by check to the Superintendent of Documents or charge to a GPO deposit account, to VISA, or to MasterCard.

Benchmark Input-Output Accounts of the United States, 1987. (1994) Presents summary and detailed make and use tables for industries and commodities; tables showing commodity- and industry-output-require-ments per dollar of commodity demanded; and tables showing the input-output (1-0) commodity composition of personal consumption expenditures and producers' durable equipment expenditures in the national income and product accounts. Presents concepts and methods used in the 1987 benchmark accounts; concordance beween 1-0 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 BBA'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.