## Survey of Current Business



## In This Issue. . .

Gross Product by Industry, 1947-96
Benchmark Input-Output Accounts
for the U.S. Economy, 1992


# 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 (Ötober 21), Gross Domestic Product (October 31), and Personal Income and Outlays (November 3).

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# 100 Personal Income by State and Region, Second Quarter 1997 <br> 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 o.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 Surver. This article will include the three basic input-output requirements tables for each of 97 industries.


## B U S I N E S S

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

$R$eal gross domestic product (GDP) increased 3.5 percent in the third quarter of 1997 after increasing 3.3 percent in the second quarter, according to the "advance" estimates of the national income and product accounts (nipa's) (chart 1 and table 1). ${ }^{1}$ Real final sales of domestic product increased 5.0 percent after increasing 2.5 percent. The price index for gross domestic purchases increased 1.2 percent after increasing 0.8 percent.
The largest contribution to the increase in real GDP was made by personal consumption expenditures ( PCE ), which increased 5.7 percent, as expenditures on durable goods, on nondurable

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

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

|  | Billions of chained (1992) dollars |  |  |  |  | Percent change from preceding quarter |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Level } \\ \hline 1997 \end{gathered}$ | Change from preceding quarter |  |  |  | 1996 <br> IV | 1997 |  |  |
|  |  | 1996 | 1997 |  |  |  | 1 | 11 | III |
|  | 111 | N | 1 | 11 | III |  |  |  |  |
| Gross domestic product ........................... | 7,221.8 | 73.6 | 84.2 | 58.0 | 62.2 | 4.3 | 4.9 | 3.3 | 3.5 |
| Less: Exports of goods and services ........ | 975.7 | 49.7 | 21.6 | 39.8 | 13.2 | 25.5 | 9.9 | 18.4 | 5.6 |
| Plus: Imports of goods and services ............... | 1,135.6 | 16.4 | 42.3 | 50.2 | 36.5 | 6.8 | 17.9 | 20.5 | 14.0 |
| Equals: Gross domestic purchases ............ | 7,368.8 | 43.1 | 102.5 | 66.0 | 81.9 | 2.5 | 5.9 | 3.7 | 4.6 |
| Less: Change in business inventories ............ | 51.5 | -5.0 | 30.8 | 13.9 | -26.1 |  |  |  |  |
| Equals. Final sales to domestic purchasers | 7,310.9 | 46.3 | 70.4 | 51.6 | 106.2 | 2.7 | 4.0 | 2.9 | 6.0 |
| Personal consumption expenditures ............ | 4,897.1 | 38.2 | 61.7 | 11.3 | 67.7 | 3.3 | 5.3 | 9 | 5.7 |
| Durable goods ................................... | 653.8 | 5.2 | 20.7 | -8.8 | 24.8 | 3.5 | 14.1 | -5.4 | 16.7 |
| Nondurable goods ............................... | 1,466.8 | 7.3 | 16.6 | -7.8 | 16.8 | 2.1 | 4.7 | -2.1 | 4.7 |
| Services .......................................... | 2,777.8 | 25.4 | 25.7 | 25.9 | 28.0 | 3.9 | 3.9 | 3.9 | 4.1 |
| Private nonresidential fixed investment ........ | 873.7 | 11.5 | 8.1 | 28.1 | 36.7 | 5.9 | 4.1 | 14.6 | 18.7 |
| Structures ........................................ | 198.2 | 6.9 | -1.0 | -2.4 | 4.7 | 15.3 | -2.1 | -4.7 | 10.1 |
| Producers' durable equipment ................. | 682.6 | 3.8 | 9.9 | 32.7 | 33.3 | 2.6 | 6.7 | 23.0 | 22.1 |
| Private residential investment ................... | 280.2 | -3.0 | 2.2 | 4.9 | 2.0 | -4.3 | 3.3 | 7.4 | 2.8 |
| Government consumption expenditures and gross investment $\qquad$ | 1,273.3 | . 3 | -1.3 | 9.6 | 3.2 | . 1 | -. 4 | 3.1 | 1.0 |
| Federal ................................................................ | 458.8 | -6.1 | -6.8 | 7.3 | -1.3 | -5.2 | -5.8 | 6.6 | -1.2 |
| State and local ........................................... | 814.5 | 6.4 | 5.4 | 2.4 | 4.4 | 3.3 | 2.7 | 1.2 | 2.2 |
| Addendum: Final sales of domestic product | 7,164.0 | 76.7 | 52.4 | 43.6 | 86.3 | 4.5 | 3.0 | 2.5 | 5.0 |

[^0]goods, and on services all increased substantially. ${ }^{2}$ Nonresidential fixed investment also contributed to the increase in GDP; producers' durable equipment increased 22.1 percent, and structures increased 10.1 percent. Exports of goods and services increased 5.6 percent, largely reflecting an increase in exports of nonautomotive capital goods. ${ }^{3}$ Partly offsetting these positive contributions to GDP growth were negative contributions

[^1]
## CHART 1

[^2]caseg on seasonallydjuted stimates
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

[^3]
## 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:Ill
[Billions of dollars, seasonally adjusted at annual rates]

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

[^4]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 increasing 1.0 percent. The step-up was more than accounted for by food and energy prices. Food prices increased 3.4 percent after increasing 1.6 percent; the price of beef and veal accelerated, and the prices of fresh fruits and vegetables turned up. PCE energy prices increased 2.5 percent after decreasing 15.7 percent; prices of gasoline and oil and of gas turned up, and the price of fuel oil and coal decreased less than in the second quarter. Prices of PCE other than food and energy increased 1.0 percent after increasing 2.0 percent; the price of clothing and shoes turned down, and the prices of transportation and of medical care slowed.

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

Table 2.-Motor Vehicle Output, Sales, and Inventories [Seasonally adiusted at annual rates]

|  | Billions of chained (1992) dollars |  |  |  |  | Percent change from preceding quarter |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\frac{\text { Level }}{1997}$ | Change from preceding quarter |  |  |  |  | 1997 |  |  |
|  |  | 1996 | 1997 |  |  | 1996 |  |  |  |
|  | III | N | 1 | 11 | III | 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 | 1.1 | -.7 | 23.4 | -4.5 | 17.8 | -10.4 |
| Autos ......................................................................................... | 16.2 | -. 3 | -. 2 | 1.4 | -. 8 | -7.4 | -5.0 | 39.8 | -16.3 |
| Trucks .............................................................................................. | 9.5 | 1.6 | 0 | -. 4 | . 1 | 108.0 | -3.6 | -12.3 | 1.1 |
| Plus: Imports .................................................................................... | 84.5 | -3.7 | 10.4 | -2.2 | 4.9 | -18.4 | 72.6 | -10.5 | 27.0 |
| Autos ........................................................................................ | 68.9 | -2.6 | 8.4 | -1.9 | 3.2 | -15.3 | 69.9 | -11.2 | 20.9 |
| Trucks .......................................................................................... | 15.6 | -1.3 | 2.1 | -. 3 | 1.7 | -31.7 | 86.5 | -7.0 | 59.0 |
| Equals: Gross domestic purchases ..................................................... | 312.4 | -15.1 | 21.4 | -10.0 | 18.5 | -18.9 | 34.1 | -12.6 | 27.8 |
| Autos | 177.1 | -16.3 | 14.3 | -6.1 | 11.7 | -32.7 | 41.8 | -13.5 | 31.4 |
| Trucks ................................................................................................................. | 135.2 | 1.2 | 7.1 | -3.9 | 6.9 | 3.9 | 24.8 | -11.5 | 23.3 |
| Less: Change in business inventories ..................................................... | 3.9 | -14.5 | 12.5 | . 9 | 1.3 | ............ | ............. | .......... | ....... |
| Autos ........................................................................................ | 3.0 | -11.9 | 6.1 | 2.7 | 2.1 | ... | ............ | . | ...... |
| Trucks ......................................................................................... | . 9 | -2.6 | 6.5 | -1.9 | -. 8 | ............. | ............ | ......... | ....... |
| Equals: Final sales to domestic purchasers ..........................................- | 308.5 | -1.1 | 9.4 | -10.9 | 17.3 | -1.5 | 13.4 | -13.7 | 26.0 |
| Autos ........................ | 174.0 | -4.7 | 8.4 | -8.7 | 9.6 | -10.7 | 21.8 | -18.6 | 25.5 |
| Trucks .......................................................................................... | 134.3 | 3.6 | 1.0 | -2.2 | 7.7 | 12.2 | 3.2 | -6.7 | 26.7 |
| Addenda: |  |  |  |  |  |  |  |  |  |
| Personal consumption expenditures .................................................... | 179.4 | -1.9 | 4.8 | -9.0 | 10.3 | -4.2 | 11.5 | -18.8 | 26.7 |
| Producers' durable equipment ............................................................................ | 121.2 | . 1 | 3.9 | -2.1 | 6.6 | . 3 | 14.5 | -7.0 | 25.1 |
| Gross government investment ............................................................ | 9.4 | . 8 | 7 | . 4 | . 5 | 49.1 | 43.3 | 18.5 | 24.5 |
| NoTE.-See note to table 1 for an explanation of chained (1992) dollars. Truck output inc new trucks only; auto output includes new cars and used cars. Chained (1992) dollar leve | 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 | 1 | 11 | III |
| Gross domestic product ................................. | 1.9 | 2.4 | 1.8 | 1.4 |
| Less: Exports of goods and services ...... | -4.3 | -1.8 | -. 7 | -1.8 |
| Plus. Imports of goods and services ................... | 0 | -5.3 | -7.6 | -2.8 |
| Equals. Gross domestic purchases ................... | 2.4 | 1.9 | . 8 | 1.2 |
| Less. Change in business inventories .................. |  |  |  |  |
| Equals: Final sales to domestic purchasers ...... | 2.4 | 2.0 | . 9 | 1.3 |
| Personal consumption expenditures ............... | 3.0 | 2.2 | 1.0 | . 4 |
| Food ...................................... | 3.9 | 1.4 | 1.6 | 3.4 |
| Energy | 9.5 | 7.7 | -15.7 | 2.5 |
| Other personal consumption expenditures | 2.4 | 2.0 | 2.0 | 1.0 |
| Private nonresidential fixed investment .............. | -1.5 | -2.0 | -1.5 | -. 9 |
| Structures ............................................. | 2.5 | 2.8 | 3.9 | 4.0 |
| Producers' durable equipment ...................... | -3.0 | -3.8 | -3.5 | -2.6 |
| Private residential investment .......................... | 2.6 | 2.0 | 3.4 | 3.4 |
| Government consumption expenditures and gross investment $\qquad$ | 2.5 | 3.5 | 1.4 | 1.4 |
| Federal .................................................... | 2.5 | 4.9 | 1.3 | . 6 |
| National defense ................................. | 2.8 | 4.3 | 1.1 | . 2 |
| Nondefense ..... | 1.7 | 6.1 | 1.5 | 1.3 |
| State and local ........................................ | 2.5 | 2.7 | 1.5 | 1.9 |
| Addendum: <br> Gross domestic purchases less food and energy | 1.9 | 1.8 | 1.6 | 1.0 |

NoTE.-Percent changes in maior aggregates are found in NIPA table 8.1. Most index number levels are tound in tables 7.1 and 7.2 .

## CHART 2

Gross Domestic Purchases Prices: Change From Preceding Quarter Percent

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

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. Both real farm product and farm prices contributed to the downturn.
Transfer payments to persons increased $\$ 8.2$ billion after increasing $\$ 9.8$ billion. The remaining components of personal income posted
changes very similar to those in the second quarter.

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

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

NoTE.-Most dollar levels are found in NIPA table 2.1. CCAdi Capital consumption adjustment

# Motor Vehicles, Model Year 1997 

By Ralph W. Morris

Sales of new motor vehicles in the United States totaled 15.4 million units in model year 1997, slightly below the level of sales in 1996 (chart 1). ${ }^{1}$ Motor vehicle sales have been within a range of 15.2 million units to 15.5 million units each year since 1994. Sales

[^5]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

[^6]
## CHART 1

New Motor Vehicle Sales


Note.- Peak (P) indicates the end of business cycle expansion and the beginning of recession (shaded area). Trough (T) indicates the end of business cycle recession and the beginning of expension. Business cycle peaks and troughs designated by the National Bureau of Economic Research, inc.
Date: American Automobile Manutacturers Association, Inc. and Ward's Automotive Reports, seasonally adjusted by BEA.
U.S. Depertment of Commerce, Bureau of Economic Analysis
year. Real disposable personal income increased 2.8 percent. The Index of Consumer Sentiment (prepared by the University of Michigan's Survey Research Center) increased to its highest level in more than 30 years. In addition, the rise in equity prices in the past couple of years has produced sizable gains in wealth for many households; in 1997, personal sector holdings of corporate equities and mutual fund shares increased about 17 percent. ${ }^{3}$
Several factors specific to the motor vehicle industry were also favorable. Manufacturers offered sales-incentive programs to consumers throughout the year. Many of these programs were considerably more attractive than those offered in 1996, and several were modified to cover a broader selection of models. These programs included rebates, below-market-rate financing, and discount packages on optional equipment on selected models.

New-vehicle prices increased less in 1997 than in 1996. The consumer price index (cri) 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
3. For 1997, holdings were calculated as the average of the holdings in the middle two quarters of the model year; these data are from the Federal Reserve Board.
4. The Bureau of Labor Statistics, U.S. Department of Labor, calculates the consumer price index.
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](http://www.stat-usa.gov).

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

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

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

Table 1.-Selected Motor Vehicle Indicators

|  | Model year ${ }^{1}$ |  |  |  |  |  | Seasonally adiusted annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1996 |  | 1997 |  |  |
|  |  |  |  |  |  |  | 111 | IV | 1 | 11 | III |
| New-motor-vehicle sales ................................................ | Thousands of units |  |  |  |  |  |  |  |  |  |  |
|  | 12,868 | 13,913 | 15,179 | 15,233 | 15,460 | 15,380 | 15,492 | 15,341 | 15,678 | 14,916 | 16,769 |
| New-car sales | 8,160 | 8,428 | 8,936 | 8,736 | 8,654 | 8,259 | 8,634 | $\begin{aligned} & 8,200 \\ & 6,914 \end{aligned}$ | $\begin{aligned} & 8,536 \\ & 7,168 \end{aligned}$ | $\begin{aligned} & 7,994 \\ & 6,726 \end{aligned}$ | 8,4447,024 |
| Domestic .......................................................... | 6,195 | 6,595 | 7,173 | 7,167 | 7,361 | 6,9244,964 | 7,356 |  |  |  |  |
| U.S. nameplates ............................................ | 5,048 | 5,348 | 5,707 | 5,518 | 5,428 |  |  | ............. | ............. | ............. | ............ |
| Transplants ...................................................... | 1,146 | 1,247 | 1,466 | 1,649 | 1,293 | 1,960 | 1,278 | 1,286 | 1,369 | 1,268 |  |
| Import .................................................................. | 1,966 | 1,833 | 1,763 | 1,570 |  |  |  |  |  |  | 1,420 |
| New-truck sales ..................................................................... | 4,707 | 5,486 | 6,244 | 6,498 | 6,8066,389 | 7,1216,707 | 6,8586,444 | 7,1416,748 | 7,1426,722 | 6,9226,509 | 7,3256,893 |
| Light $\qquad$ | 4,446 | 5,167 | 5,869 | 6,070 |  |  |  |  |  |  |  |
| Domestic ...................................................... | 4,026 | 4,789 | 5,499 | 5,666 | 5,976 | 6,155 | 6,027 | 6,271 | 6,176 | 5,941 | 6,288 |
| Import ......................................................... | 421 | 378 | 370 | 404 | 413 | 552 | 417414 | 478393 | 546420 | 569413 | 605432 |
| Other .............................................................. | 261 | 320 | 375 | 427 | 417 | 414 |  |  |  |  |  |
| 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 ${ }^{2}$ $\qquad$ <br> Domestic-car inventory-sales ratio ${ }^{3}$ $\qquad$ | $\ldots$ | ................ | ............. | $\ldots$ | ${ }^{\text {.................. }}$ | ................. | $\begin{array}{r} 1,514 \\ 2.47 \end{array}$ | $\begin{gathered} 1,376 \\ 2.39 \end{gathered}$ | $\begin{gathered} 1,334 \\ 2.23 \end{gathered}$ | $\begin{array}{r} 1,318 \\ 2,35 \end{array}$ | $\begin{array}{r} 1,354 \\ \mathbf{2}, 31 \end{array}$ |
|  | Dollars |  |  |  |  |  |  |  |  |  |  |
| Average expenditure per new car ${ }^{4}$ $\qquad$ Domestic Import $\qquad$ | 16,893 | 17,526 | 18,431 | 18,849 | 19,397 | 20,305 | 19,731 | 20,079 | 20,204 | 20,290 | 20,647 |
|  | 16,281 | 16,595 | 17,406 | 17,695 | 18,064 | 18,580 | 18,239 | 18,435 | 18,441 | 18,537 | 18,908 |
|  | 18,861 | 20,998 | 22,598 | 24,111 | 26,972 | 29,296 | 28,319 | 28,918 | 29,430 | 29,584 | 29,251 |
| 1. A model year begins on October 1 and ends on September 30. Thus, it covers the fourth quarter of one calendar year and the first three quarters of the nexi calendar year. Model year 1997, for example, encompasses the fourth quarter of 1996 and the first, second, and third quarters of 1997. <br> 2. End of quarter, not at annual rate. <br> 3. Ratio of end-of-quarter inventories to average monthly sales for the quarter. |  |  |  | 4. BEA estimate, using average base price and adiustments for options, transportation charges, taxes, discounts, and rebates for each model, weighted by that model's share of sales; not at annual rate. <br> Source: American Automobile Manutacturers 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

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 -yearold vehicles have become available in the usedvehicle market as leasing arrangements expire; this growth reflects the sharp increase in newvehicle 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

[^7]brakes, air conditioning, and power windows. The average expenditure for imported cars increased 8.6 percent to $\$ 29,296$; the increase was partly attributable to the shift in composition of imported-car sales: The sales of luxury cars increased, while the sales of other cars decreased.
Sales of domestic cars decreased 5.9 percent in 1997 to 6.9 million units, the lowest level since 1993. The decrease was more than accounted for by sales of domestic-nameplate cars, which decreased 8.5 percent after increasing 1.6 percent; sales of transplant cars increased 1.4 percent after increasing 17.2 percent.

Sales of imported cars increased 3.1 percent to 1.3 million units, the first increase since 1987. Sales of cars imported from Europe more than accounted for the increase and may partly reflect the strengthening of the U.S. dol-

## CHART 3

Share of New Cars by Source


1. Domoses nempelates res cins menurectured in North Americs at
tactovites ovned by donestic compenies.

ouned by wide pornperies.


lar against most European currencies (including the German mark). Sales of cars imported from Japan decreased despite the strengthening of the U.S. dollar against the Japanese yen.

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

Sales of all size-classes of cars except luxury cars decreased in 1997. Sales of small cars decreased to 2.2 million units, and their market share decreased to 27.1 percent from 27.4 percent. Sales of middle-sized cars decreased to 4.0 million, and their market share decreased to 48.2 percent from 49.3 percent. Sales of large cars decreased to 0.8 million, and their market share remained unchanged at 10.0 percent. Sales of luxury cars increased to 1.2 million, and their market share increased to 14.6 percent from 13.3 percent (chart 4).
By quarter, new-car sales decreased in the first quarter of the model year, increased in the second quarter, decreased in the third quarter, and increased in the fourth quarter (chart 5 ).
Domestic-car production was 5.9 million units in 1997, the lowest production in 4 years. Domestic-car production has trended down in recent years despite the growth in the production

## CHART 4

Share of New Car Sales by Size Class


Note-Besed on data for Octaber 1. 1098 trrough September 30, 1997. Date: Wart's Automotive Peports
U.S. Departnent of Commerce, Bureau of Economic Anatysis

## CHART 5

Retail Sales of New Cars


Data: American Automoblle Manutacturers Association, Inc.
and Werd's Automotive Reports, seasonaly 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

[^8]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-fletail sales of domesic trucks are ciassified by gross vehicle weight as light (up to 10,000 pounds) and "other (over 10,000 pounds). Imported trucks include imports by U.S. manulacturers. and Wards Automotive Reports, seasonaly adusted by BEA.
U.S. Department of Commerce, Buraau of Ecconomic Analysis

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

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

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

# Comparison of bea Estimates of Personal Income and Irs Estimates of Adjusted Gross Income 

\author{

- New Estimates for 1995 <br> - Revised Estimates for 1947-94
}

By Thae S. Park

$\tau$his article presents a comparison of the Bureau of Economic Analysis (bea) measure of personal income and the Internal Revenue Service (IRs) measure of adjusted gross income (agI) of individuals by type of income. The article explains the major definitional and statistical differences between the bea and the irs measures, describes the various uses of the two measures and presents a partial reconciliation of the two measures that is prepared by converting bea's measure of personal income by type of income to the same definitional basis as the IRs measure. It also discusses the sources of the "AGI gap"-the difference remaining between the bea-drived agI and the IRS AGI-the trends in the AGI gap for 1947-95, and the sources of the revision to the AGI gap. ${ }^{1}$
bea's measure of personal income and the irs measure of agi are two widely used measures of household income. In general, personal income is the more comprehensive measure: It is a measure of incomes earned by households and nonprofit institutions serving individuals, and it includes wages and salaries, income from rent, self-employment, dividends and interest, and social security and other transfer payments. It covers all the major types of income, whether or not they are taxable, except gains or losses on the sale of assets; it also covers income without regard to whether it is properly reported to the Internal Revenue Service. In order to provide a comprehensive measure of personal saving,

[^9]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

[^10]valuation and capital consumption adjustments, rental income of persons with capital consumption adjustment, personal dividend income, personal interest income, and transfer payments to persons, less personal contributions for social insurance. Personal income includes the incomes of individuals, nonprofit institutions that primarily serve individuals, private noninsured welfare funds, and private trust funds. Proprietors' income is treated in its entirety as received by individuals. The income (and saving) of life insurance carriers and private noninsured pension plans is credited to persons.

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

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

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

## [Billions of dollars]

| Line |  | Personal income | Wage and salary dis-bursements | Proprietors' income with IVA and CCAdj |  | Rental income of persons withCCAdj | Personal dividend income | Per-sonal in terest income | Taxable pensions and annuities ${ }^{1}$ | Taxable unem-ployment com-pensation | Taxable social security benefits ${ }^{2}$ | Other personal income ${ }^{3}$ | Income not included in personal income |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Farm | Nonfarm |  |  |  |  |  |  |  |  |
| 1 | Personal income | 5,277.2 | 2,986.4 | 37.1 | 386.7 | 79.4 | 159.4 | 667.2 | 98.2 | 39.7 | 27.6 | 795.7 | 0 |
| 2 | Less: Portion of personal income not included in adjusted gross income $\qquad$ | 1,732.4 | 63.2 | 3.4 | 29.9 | 48.2 | 66.7 | 446.0 | 0 | 0 | 0 | 1,039.6 | 35.5 |
| 3 | Transier payments except taxable military retirement, taxable government pensions, taxable social security beneitits, and unemployment compensation benefits | 692.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 692.8 | 0 |
|  | Other labor income except fees ..................................... | 346.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 346.5 | 0 |
| 5 | Imputed income in personal income ${ }^{4}$...................................... | 182.2 | 9.1 | . 5 | 4.8 | 24.9 | 0 | 142.9 | 0 | 0 | 0 | 0 | 0 |
| 6 | Investment income of life insurance carriers and private noninsured pension plans ${ }^{5}$ $\qquad$ | 200.2 | 0 | 0 | 0 | 0 | 0 | 200.2 | 0 | 0 | 0 | 0 | 0 |
| 7 | Investment income received by nonprofit institutions or retained by fiduciaries $\qquad$ | 50.7 | 0 | 0 | . 3 | 6.0 | 14.5 | 29.6 | 0 | 0 | 0 | . 3 | 0 |
| 8 | Differences in accounting treatment between NIPA........................................ regulations, net | 83.7 | 0 | 2.9 | 24.7 | 17.3 | 10.6 | 28.2 | 0 | 0 | 0 | 0 | 0 |
| 9 | Other personal income exempt or excluded from adjusted gross income $\qquad$ |  | 54.0 | 0 | 0 | 0 | 41.5 | 45.1 | 0 | 0 | 0 | 0 | 635.5 |
| 10 | Plus: Portion of adjusted gross income not included in personal income $\qquad$ | 571.9 | 6.2 | 0 | 1.3 | 2.4 | 0 | 0 | 147.4 | 0 | 0 | 248.4 | 166.2 |
| 11 | Personal contributions for social insurance .......................... | 248.4 | 0 | 0 | 0 |  | 0 |  | 0 |  |  | 248.4 | ${ }_{10}$ |
| 12 13 | Net gain from sale of assets ..................................................................................... | 109.1 | 0 | 0 | 0 | 0 | 0 | 0 | ${ }_{147.4}^{0}$ | 0 | 0 | 0 | 109.1 0 |
| 14 | Small business corporation income ... | 47.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47.9 |
| 15 | Other types of income .................................................... | 19.2 | 6.2 | 0 | 1.3 | 2.4 | 0 | 0 | 0 | 0 | 0 | 0 | 9.3 |
| 16 | Plus: Intercomponent reallocation...... | 0 | 9.6 | 0 | -. 3 | 0 | 45.9 | -52.5 | -4.9 | 0 | 0 | -4.5 | 6.5 |
| $\begin{aligned} & 17 \\ & 18 \end{aligned}$ | Fees in other labor income $\qquad$ Fiduciaries' share of partnership income ${ }^{8}$ | 0 | $\begin{aligned} & 4.8 \\ & 0 \end{aligned}$ | 0 | 0 -.3 | 0 | 0 | 0 | 0 | $\begin{aligned} & 0 \\ & 0 \end{aligned}$ | 0 | -4.8 .3 | 0 |
| 19 | Interest received by nonfarm proprietors ....................................... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $0{ }^{\text {a }}$ | 0 |
| 20 | Interest distributed by regulated investment companies ......... | 0 | 0 | 0 | 0 | 0 | 52.5 | -52.5 | 0 | 0 | 0 | 0 | 0 |
| 21 | Taxable disability income payments .................................... | 0 | 4.9 | 0 | 0 | 0 | 0 | 0 | -4.9 | 0 | 0 | 0 | 0 |
| 22 | Capital gains dividends .................................................. | 0 | 0 | 0 | 0 | 0 | -6.5 | 0 | 0 | 0 | 0 | 0 | 6.5 |
| 23 | Equals: BEA-derived adjusted gross income .. | 4,116.7 | 2,939.0 | 33.7 | 357.8 | 33.6 | 138.7 | 168.7 | 240.7 | 39.7 | 27.6 | 0 | 137.3 |
| 24 | Adjusted gross income of IRS (as reported) | 3,629.1 | 2,805.7 | -2.5 | 154.0 | 9.7 | 77.9 | 162.3 | 186.5 | 31.4 | 23.1 | 43.8 | 137.3 |
| 25 | Plus: Intercomponent reallocation ................................................ | 0 | 0 | 1.4 | 39.1 | 3.2 | 0 | 0 | 0 | 0 | 0 | -43.8 | 0 |
| 26 | Estate or trust income ................................................... | 0 | 0 | 0 | ${ }^{38}{ }^{7}$ | 3.2 | 0 | 0 | 0 | 0 | 0 | -4.0 | 0 |
| 27 | Parnership incorne .......................................................... | 0 | 0 | 1.4 | 38.4 | 0 | 0 | 0 | 0 | 0 | 0 | -39.8 | 0 |
| 28 | Other reallocations .................................................................... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | Adjusted gross income of IRS (reallocated) ................................. | 3,629.1 | 2,805.7 | -1.1 | 193.1 | 12.9 | 77.9 | 162.3 | 186.5 | 31.4 | 23.1 | 0 | 137.3 |
| 30 | Adjusted gross income gap ........................................................ | 487.6 | 133.3 | 34.8 | 164.6 | 20.7 | 60.8 | 6.3 | 54.2 | 8.3 | 4.5 | 0 | 0 |
| 31 | Percent distribution of AGI gap ................................................. | 100.0 | 27.3 | 7.1 | 33.8 | 4.3 | 12.5 | 1.3 | 11.1 | 1.7 | . 9 |  |  |
| 32 | Relative AGI gap ${ }^{9}$.................................................................. | 11.8 | 4.5 | 103.4 | 46.0 | 61.7 | 43.8 | 3.8 | 22.5 | 20.9 | 16.2 |  |  |
| 33 | Addendum: Misreporting adjustments included in personal income | 232.6 | 67.7 | ....... | 171.9 | . 9 | ........ | -7.9 |  | ..... | .......... | ....... | ........... |

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

## The agi Gap

The estimates of the bea-derived agi differ significantly from the irs estimates of agI. The agi gap for total income is the difference between the total bea-derived agi (line 23) and total Irs agI (line 24). The agI gap for each type of income (line 30) is the difference between the

[^11]Table 2.-Comparison of Personal Income with AGI, by Type of Income, 1993
[Bililions of dolars]

| Line |  | $\left\lvert\, \begin{gathered} \text { Per- } \\ \text { sonal in- } \\ \text { come } \end{gathered}\right.$ | Wage and salary dis-bursements | Proprietors' income with' IVA and CCAdj |  | Rental income of persons with CCAdj | Personal dividend income | Personal interest income | Taxable pensions and annuities ${ }^{1}$ | Taxable unem-ployment com-pensation | Taxable social security benefils ${ }^{2}$ | Other personal income ${ }^{3}$ | Income not included in personal income |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Farm | Nonfarm |  |  |  |  |  |  |  |  |
| 1 | Personal income | 5,519.2 | 3,089,6 | 32.4 | 418.4 | 105.7 | 185.3 | 651.0 | 106.4 | 34.8 | 30.8 | 864.8 | 0 |
| 2 | Less: Portion of personal income not included in adjusted gross income $\qquad$ | 1,845.4 | 68.4 | -6.3 | 22.7 | 69.1 | 76.9 | 457.6 | 0 | 0 | 0 | 1,120.5 | 36.6 |
| 3 | Transier payments except taxable military retirement, taxable government pensions, taxable social security benefits, and unemployment compensation benefils | 740.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 740.0 |  |
| 4 | Other labor income except fees ................................................ | 380.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 380.1 | 0 |
| 5 | Imputed income in personal income ${ }^{4}$ | 209.1 | 9.4 | . 6 | 5.2 | 49.6 | 0 | 144.2 | 0 | 0 | 0 | 0 | 0 |
|  | Investment income of life insurance carriers and private noninsured pension plans ${ }^{5}$ $\qquad$ | 214.6 | 0 | 0 | 0 | 0 | 0 | 214.6 | 0 | 0 | 0 | 0 | 0 |
| 7 | Investment income received by nonprofit institutions or retained by fiduciaries $\qquad$ | 49.0 | 0 | 0 | . 3 | 4.0 | 14.8 | 29.5 | 0 | 0 | 0 | . 3 | 0 |
| 8 | Differences in accounting treatment between Ni................................................... regulations, net $\qquad$ | 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 $\qquad$ | 190.1 | 58.9 | 0 | 0 | 0 | 49.7 | 44.9 | 0 | 0 | 0 | 0 | ${ }^{6} 36.6$ |
| 10 | Plus: Portion of adjusted gross income not included in personal income $\qquad$ | 603.6 | 7.2 | 0 | 1.5 | 2.6 | 0 | 0 | 147.6 | 0 | 0 | 260.3 | 184.4 |
| 11 | Personal contributions for social insurance . | 260.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 260.3 | 0 |
| 12 | Net gain from sale of assets ... | 125.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 125.0 |
| 13 | Taxable private pensions ${ }^{7}$ | 147.6 | 0 | 0 | 0 | 0 | 0 | 0 | 147.6 | 0 | 0 | 0 | 0 |
| 14 | Small business corporation income | 51.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51.9 |
| 15 | Other types of income ................. | 18.8 | 7.2 | 0 | 1.5 | 2.6 | 0 | 0 | 0 | 0 | 0 | 0 | 7.5 |
| 16 | Plus: Intercomponent reallocation | 0 | 10.4 | 0 | -. 3 | 0 | 41.0 | -56.3 | -5.4 | 0 | 0 | -4.6 | 15.3 |
| 17 | Fees in other labor income ... | 0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -5.0 |  |
| 18 | Fiduciaries' share of partnership income ${ }^{8}$.......................................................... | 0 | 0 | 0 | -. 3 | 0 | 0 | 0 | 0 | 0 | 0 | . 3 | 0 |
| 19 | Interest received by nonfarm proprietors .............................. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | Interest distributed by regulated investment companies ........... | 0 | 0 | 0 | 0 | 0 | 56.3 | -56.3 | 0 | 0 | 0 | 0 | 0 |
| 21 | Taxable disability income payments ..................................... | 0 | 5.4 | 0 | 0 | 0 | 0 | 0 | -5.4 | 0 | 0 | 0 | 0 |
| 22 | Capital gains dividends .............................................................. | 0 | 0 | 0 | 0 | 0 | -15.3 | 0 | 0 | 0 | 0 | 0 | 15.3 |
| 23 | Equals: BEA-derived adjusted gross income ................................... | 4,277.5 | 3,038.8 | 38.7 | 396.9 | 39.3 | 149.4 | 137.1 | 248.7 | 34.8 | 30.8 | 0 | 163.1 |
| 24 | Adjusted gross income of IRS (as reported) ..................................... | 3,723.3 | 2,892.1 | -3.7 | 155.7 | 13.4 | 79.7 | 131.1 | 194.0 | 27.6 | 24.7 | 45.6 | 163.1 |
| 25 | Plus: Intercomponent reallocation | 0 | 0 | . 9 | 41.2 | 3.5 | 0 | 0 | 0 | 0 | 0 | -45.6 | 0 |
| 26 27 | Estate or trust income $\qquad$ <br> Partership income | 0 | 0 | ${ }_{0} .9$ | 1.0 40.2 | 3.5 0 | 0 | 0 | 0 | 0 | 0 | -4.6 -41.0 | 0 |
| 28 | Other reallocations ............................................................................................................... | 0 | 0 | . | 0 | 0 | 0 | 0 | 0 | 0 | 0 | . | 0 |
| 29 | Adjusted gross income of IAS (reallocated) ....................................... | 3,723.3 | 2,892.1 | -2.8 | 196.9 | 16.9 | 79.7 | 131.1 | 194.0 | 27.6 | 24.7 | 0 | 163.1 |
| 30 | Adjusted gross income gap | 554.1 | 146.6 | 41.5 | 200.0 | 22.3 | 69.7 | 5.9 | 54.6 | 7.3 | 6.1 | 0 | 0 |
| 31 | Percent distribution of AGI gap .. | 100.0 | 26.5 | 7.5 | 36.1 | 4.0 | 12.6 | 1.1 | 9.9 | 1.3 | 1.1 |  |  |
| 32 | Relative AGI gap ${ }^{9}$................... | 13.0 | 4.8 | 107.2 | 50.4 | 56.9 | 46.6 | 4.3 | 22.0 | 20.8 | 19.9 |  |  |
| 33 | Addendum: Misreporting adjustments included in personal income ... | 249.3 | 70.5 | ............. | 185.0 | 1.0 |  | -7.9 |  |  | ............ | ..... |  |

[^12]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 |  | $\left\|\begin{array}{c} \text { Por- } \\ \text { sonal in- } \\ \text { come } \end{array}\right\|$ | Wage and sat ary dis-bursements | Proprietors' income with IVA and CCAdj |  | Rental income of persons with CCAdj | Personal dividend income | Per-sonal in terest income | Taxable pensions and annuities ${ }^{1}$ | Taxable unem-ployment com-pensation | Taxable social security benefits ${ }^{2}$ | Other personal income ${ }^{3}$ | Income not included in personal income |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Farm | Nonfarm |  |  |  |  |  |  |  |  |
| 1 | Personal income | $5,791.8$ <br> 1,934.6 | 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 $\qquad$ |  | 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 $\qquad$ |  |  |  |  | 0 | 0 |  | 0 | 0 | 0 | 770.5 | 0 |
|  | Other labor income except fees ........................................ | $\begin{aligned} & 770.5 \\ & 399.9 \\ & 230.2 \end{aligned}$ | 0 0 | 0 | 0 | 0 | 0 | 0 | 00 | 0 | 0 | 399.9 | 0 |
| 5 | Imputed income in personal income ${ }^{4}$.............................. |  | 9.8 | . 4 | 5.4 | 63.0 | 0 | 151.5 |  | 0 | 0 | 0 |  |
|  | Investment income of life insurance carriers and private noninsured pension plans ${ }^{5}$ | 206.6 | 0 | 0 | 0 | 0 | 0 | 206.6 | 0 | 0 | 0 | 0 | 0 |
| 7 | Investment income received by nonprofit institutions or retained by fiduciaries $\qquad$ | 49.5 | 0 | 0 | . 3 | 4.6 | 14.9 | 29.3 | 0 | 0 | 0 | . 4 | 0 |
| 8 | Differences in accounting treatment between NIPA's and tax regulations, net $\qquad$ | 62.0 | 0 | 9.9 | -2.4 | 14.8 | 12.8 | 26.8 | 0 | 0 |  | 0 | 0 |
| 9 | Other personal income exempt or excluded from adjusted gross income $\qquad$ | 216.0 | 65.0 | 0 | 0 | 0 | 66.6 | 45.2 | 0 | 0 | 0 | 0 | ${ }^{6} 39.1$ |
| 10 | Plus: Portion of adjusted gross income not included in personal income $\qquad$ | 656.0 | 8.6 | 0 | 1.8 | 2.8 | 0 | 0 | 150.6 | 0 | 0 | 277.5 | 214.7 |
| 11 | Personal contributions for social insurance. | $\begin{array}{r} 277.5 \\ 129.8 \\ 150.5 \\ 71.7 \\ 26.3 \end{array}$ | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 8.6 \end{aligned}$ | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 1.8 \end{aligned}$ | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 2.8 \end{aligned}$ | 00000 | 00000 | $\begin{gathered} 0 \\ 0 \\ 150.5 \\ 0 \\ 0 \end{gathered}$ | 000 | 00000 | 277.50000 | $\begin{gathered} 0 \\ 129.8 \\ 0 \\ 71.7 \\ 13.1 \end{gathered}$ |
| 12 | Net gain from sale of assets .............................................. |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 | Taxable private pensions ${ }^{7}$.............................................. |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 | Small business corporation income. |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 | Other types of income .......................... |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 | Plus: Intercomponent reallocation ........ | 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 $\qquad$ <br> Fiduciaries' share of partnership income ${ }^{8}$ | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & 5.1 \\ & 0 \\ & 0 \\ & 0 \\ & 6.1 \\ & 0 \end{aligned}$ | 000000 | $\begin{aligned} & 0 \\ & -.4 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | 000000 | $\begin{gathered} 0 \\ 0 \\ 0 \\ 74.6 \\ 0 \\ -9.3 \end{gathered}$ | $\begin{gathered} 0 \\ 0 \\ 0 \\ -74.6 \\ 0 \\ 0 \end{gathered}$ | $\begin{gathered} 0 \\ 0 \\ 0 \\ 0 \\ -6.1 \\ 0 \end{gathered}$ | 0000 | 000000 | -5.1.40000 | 000000.3 |
| 19 | interest received by nonfarm proprietors ........................................ |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 | Interest distributed by regulated investment companies ............ |  |  |  |  |  |  |  |  |  |  |  |  |
| 21 | Taxable cisability income payments ................................... |  |  |  |  |  |  |  |  |  |  |  |  |
| 22 | Capital gains dividends ............................. |  |  |  |  |  |  |  |  |  |  |  |  |
| 23 | Equals: BEA-derived adjusted gross Income ..................................... | 4,513.1 | 3,185.6 | 26.5 | 432.8 | 44.8 | 175.8 | 134.0 | 257.8 | 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 27 | Estate or trust income $\qquad$ Partnership income $\qquad$ | 0 | 0 | ${ }^{0} .4$ | 1.3 42.2 | 4.1 0 | 0 | 0 | 0 | 0 | 0 | -5.5 -42.6 | 0 |
| 28 | Other realiocations .......................................................... | 0 | 0 | 0 | 0 | 0 | 0 |  | 0 | 0 | 0 | 0 | 0 |
| 29 | Adjusted gross income of IRS (reallocated) | 3,907.5 | 3,026.8 | -6.9 | 209.7 | 20.1 | 82.4 | 126.2 | 205.4 | 20.3 | 38.6 | 0 | 184.9 |
| 30 | Adjusted gross income gap | 605.6 | 158.8 | 33.5 | 223.1 | 24.7 | 93.4 | 7.9 | 52.5 | 3.8 | 8.0 | 0 | 0 |
|  | Percent distribution of AGI gap | 100.0 | 26.2 | 5.5 | 36.8 | 4.1 | 15.4 | 1.3 | 8.7 | . 6 | 1.3 |  |  |
| 32 | Relative AGI gap ${ }^{9}$ | 13.4 | 5.0 | 126.1 | 51.5 | 55.1 | 53.1 | 5.9 | 20.3 | 15.8 | 17.2 |  |  |
| 33 | Addendum: Misreporting adjustments included in personal income ... | 265.6 | 74.1 | ....... | 199.1 | 1.0 | . | -8.6 | ............ |  | ...... | ...... |  |

[^13]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

[^14]are also embedded in the source data used for some components of personal income because the source data are from the payers of the income; several IRs audit studies provide information on the misreporting on individual income tax returns. ${ }^{5}$

The largest known missing reconciliation item is income that is excluded from agI because it
5. See Internal Revenue Service, Income Tax Compliance Research: Gross Tax Gap Estimates and Projections for 1973-1992, Publication 7285 (Washington, DC, March 1988), and Income Tax Compliance Research: Individual Income Tax Gap Estimates for 1985, 1988, and 1992, Publication 1415, Revised (Washington, DC, April 1996).

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

| Line |  | Personal income | Wage and salary disburse ments | Proprietors' income with IVA and CCAdj |  | Rental income of persons with CCAdj | Personal dividend income | Personal interest income | Taxable pensions and annuities ${ }^{1}$ | Taxable unem-ployment com-pensation | Taxable social security benefits ${ }^{2}$ | Other personal income ${ }^{3}$ | $\begin{aligned} & \text { Income } \\ & \text { not in- } \\ & \text { cluded } \\ & \text { in per- } \\ & \text { sonal in- } \\ & \text { come } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Farm | Nonlarm |  |  |  |  |  |  |  |  |
| 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 $\qquad$ | 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 |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 | unemployment compensation benefits Other labor income except fees | 814.8 401.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 814.8 401.6 | 0 0 |
| 5 | Imputed income in personal income ${ }^{4}$......................................... | 240.2 | 10.3 | . 4 | 5.5 | 64.1 | 0 | 159.8 | 0 | 0 | 0 | 0 | 0 |
| 6 | Investment income of life insurance carriers and private noninsured pension plans ${ }^{5}$ $\qquad$ | 227.6 | 0 | 0 | 0 | 0 | 0 | 227.6 | 0 | 0 | 0 | 0 | 0 |
| 7 | Investment income received by nonprofit institutions or retained by fiduciaries $\qquad$ | 54.0 | 0 | 0 | . 3 | 5.3 | 17.2 | 30.8 | 0 | 0 | 0 | . 4 | 0 |
| 8 | Differences in accounting treatment between NIPA's and tax regulations, net | 54.4 | 0 | -6.7 | -. 9 | 15.6 | 13.6 | 32.8 | 0 | 0 | 0 | 0 | 0 |
| 9 | Other personal income exempt or exclude................................................. gross income $\qquad$ | 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 $\qquad$ | 700.3 | 9.1 | 0 | 1.9 | 2.9 | 0 | 0 | 159.6 | 0 | 0 | 293.1 | 233.8 |
| 11 | Personal contributions for social insurance. | 293.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 293.1 | 0 |
| 12 |  | 139.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 139.0 |
| 13 | Taxable private pensions ${ }^{7}$................. | 159.6 | 0 | 0 | 0 | 0 | 0 | 0 | 159.6 | 0 | 0 | 0 | 0 |
| 14 | Small business corporation income .............................................................................. | 79.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 79.2 |
| 15 | Other types of income ..................................................... | 29.6 | 9.1 | 0 | 1.9 | 2.9 | 0 | 0 | 0 | 0 | 0 | 0 | 15.7 |
| 16 | Plus: Intercomponent reallocation | 0 | 11.7 | 0 | -. 4 | 0 | 51.5 | -79.9 | -6.5 | 0 | 0 | -4.8 | 28.5 |
| 17 | Fees in other labor income... | 0 | 5.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -5.3 | 0 |
| 18 | Fiduciaries' share of partnership income ${ }^{8}$................................................................ | 0 | 0 | 0 | -. 4 | 0 | 0 | 0 | 0 | 0 | 0 | . 4 | 0 |
| 19 | Interest received by nonfarm proprietors ............................. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | Interest distributed by regulated investment companies ............ | 0 | 0 | 0 | 0 | 0 | 79.9 | -79.9 | 0 | 0 | 0 | 0 | 0 |
| 21 | Taxable disability income payments ................................ | 0 | 6.5 | 0 | 0 | 0 | 0 | 0 | -6.5 | 0 | 0 | 0 | 0 |
| 22 | Capital gains dividends .................................................. | 0 | 0 | 0 | 0 | 0 | -28.5 | 0 | 0 | 0 | 0 | 0 | 28.5 |
| 23 | Equals: BEA-derived adjusted gross income ..................................... | 4,819.7 | 3,369.3 | 29.8 | 462.0 | 50.7 | 191.2 | 142.3 | 276.8 | 21.9 | 54.5 | 0 | 221.1 |
| 24 | Adjusted gross income of IRS (as reported) | 4,189.4 | 3,201.5 | -7.9 | 169.3 | 17.2 | 94.6 | 154.8 | 221.1 | 19.3 | 45.7 | 52.7 | 221.1 |
| 25 | Plus: Intercomponent reallocation | 0 | 0 | . 5 | 47.6 | 4.6 | 0 | 0 | 0 | 0 | 0 | -52.7 | 0 |
|  | Estate or trust income .... | 0 | 0 |  | 1.5 | 4.6 |  |  |  |  |  |  |  |
| 27 28 | Partnership income $\qquad$ <br> Other realocations | 0 | 0 | $0^{.5}$ | 46.1 0 | 0 | 0 | 0 | 0 | 0 | 0 | -46.6 0 | 0 |
| 29 | Adjusted gross income of IRS (reallocated) | 4,189.4 | 3,201.5 | -7.4 | 216.9 | 21.8 | 94.6 | 154.8 | 221.1 | 19.3 | 45.7 | 0 | 221.1 |
| 30 | Adjusted gross income gap .......................................................... | 630.4 | 167.8 | 37.2 | 245.1 | 29.0 | 96.6 | -12.5 | 55.8 | 2.6 | 8.8 | 0 | 0 |
| 31 | Percent distribution of AGI gap .................................................... | 100.0 | 26.6 | 5.9 | 38.9 | 4.6 | 15.3 | -2.0 | 8.9 | . 4 | 1.4 |  |  |
| 32 | Relative AGi gap ${ }^{9}$.................................................................... | 13.1 | 5.0 | 124.7 | 53.1 | 57.1 | 50.5 | -8.8 | 20.2 | 11.7 | 16.2 | ........... |  |
| 33 | Addendum: Misreporting adjustments included in personal income ... | 283.7 | 79.3 |  | 212.7 | 1.0 |  | -9.3 |  |  |  |  |  |

1. Consists of the taxable porion of goverment employee pension payments incuded in personal income-nondisability militany retirement pay and the taxable portion of Federal Government and of State and local government employee pension payments.
2. taxable social securtity penefits also include a small amount of taxable railroad retirement benefits.
3. Consists primarily of other labor income and the nontaxabie porioon of government and business transter payments to parsons, less personal contributions for social insurance.
4. Consists of the imputations included in personal income shown in NIPA table 8.19 (line 58), except tor em-loyer-paid health and lifitinsurance premiums (line 115). In this table, these premiums are included tin 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 ).
5. Statutory adjustments

Consists of the taxable portion of private pension payments received by individuals.
8. Consists of partnership income retained by fiduciaries.
9. Adjusted gross income gap (line 30) as a percentage of the BEA-derived AGI (line 23)

AGI Adjusted gross income
BEA Bureau of Economic Analysis
CCAdj Capital consumption adjustmen
A 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 agr 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

[^15]Table 5.-The BEA and IRS Measures of AGI and the AGI Gap by Type of Income, 1947-95
[Bilions of dollars]

| Year | $\underset{\text { AGI }}{\text { BEA-derived }}$ | IRS AGI | AGI gap | Wage and salary disbursements | Proprietors' income |  | Rental income of persons | Personal dividend and personal interest income |  |  | Taxable pensions and annuities | Taxable unemployment compensation | Taxable social security benefits |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Farm | Nonfarm |  | Total | Personal dividend income | Personal interest income |  |  |  |
| 1947 ............. | 171.0 | 149.7 | 21.3 | 3.9 | 10.5 | 1.2 | 2.1 | 3.3 | 1.3 | 2.0 | . 3 | 0 | 0 |
| 1948 ................. | 184.3 | 163.5 | 20.8 | 5.2 | 8.5 | 1.3 | 2.2 | 3.4 | 1.3 | 2.1 | . 3 | 0 | 0 |
| 1949 ............. | 182.1 | 160.6 | 21.6 | 6.1 | 7.8 | 2.1 | 1.6 | 3.7 | 1.3 | 2.4 | . 2 | 0 | 0 |
| 1950 ................ | 203.3 | 179.1 | 24.1 | 5.4 | 7.9 | 3.8 | 1.9 | 4.8 | 1.9 | 2.9 | . 3 | 0 | 0 |
| 1951 ............ | 230.0 | 202.3 | 27.7 | 6.6 | 8.8 | 4.8 | 2.2 | 4.9 | 1.7 | 3.2 | . 5 | 0 | 0 |
| 1952 ............ | 242.4 | 215.3 | 27.1 | 6.0 | 7.6 | 5.6 | 2.3 | 5.1 | 1.8 | 3.2 | . 5 | 0 | 0 |
| 1953 ............ | 257.0 | 228.7 | 28.3 | 6.5 | 6.2 | 7.0 | 2.3 | 5.7 | 2.0 | 3.7 | . 6 | 0 | 0 |
| 1954 ............ | 258.2 | 229.2 | 29.0 | 6.7 | 6.7 | 7.0 | 3.0 | 5.0 | . 8 | 4.2 | . 7 | 0 | 0 |
| 1955 ............ | 279.9 | 248.5 | 31.4 | 7.1 | 6.3 | 8.2 | 3.2 | 5.8 | . 9 | 4.8 | . 9 | 0 | 0 |
| 1956 ............ | 300.9 | 267.7 | 33.1 | 9.0 | 6.3 | 7.3 | 3.3 | 6.1 | . 7 | 5.4 | 1.1 | 0 | 0 |
| 1957 ............ | 314.3 | 280.3 | 34.0 | 7.4 | 5.6 | 9.3 | 3.7 | 6.8 | . 7 | 6.2 | 1.2 | 0 | 0 |
| 1958 ............ | 317.4 | 281.2 | 36.2 | 9.2 | 5.1 | 9.2 | 4.0 | 7.4 | . 7 | 6.7 | 1.3 | 0 | 0 |
| 1959 ............. | 341.9 | 305.1 | 36.8 | 7.8 | 7.2 | 9.7 | 2.3 | 8.1 | . 9 | 7.2 | 1.7 | 0 | 0 |
| 1960 ............ | 354.1 | 315.5 | 38.6 | 8.9 | 6.4 | 10.1 | 2.3 | 9.0 | 1.3 | 7.6 | 1.9 | 0 | 0 |
| 1961 ............ | 368.4 | 329.9 | 38.5 | 7.6 | 5.7 | 11.4 | 2.5 | 9.1 | 1.4 | 7.7 | 2.1 | 0 | 0 |
| 1962 ............ | 390.3 | 348.7 | 41.6 | 9.3 | 6.2 | 11.8 | 2.4 | 9.7 | 1.5 | 8.2 | 2.2 | 0 | 0 |
| 1963 ............ | 411.7 | 368.8 | 42.9 | 8.4 | 6.9 | 12.6 | 2.8 | 9.8 | 1.6 | 8.2 | 2.4 | 0 | 0 |
| 1964 ............ | 445.0 | 396.7 | 48.4 | 10.3 | 6.3 | 14.1 | 3.0 | 11.9 | 2.4 | 9.5 | 2.8 | 0 | 0 |
| 1965 ............ | 482.8 | 429.2 | 53.6 | 11.8 | 6.9 | 14.4 | 3.3 | 14.0 | 2.9 | 11.1 | 3.2 | 0 | 0 |
| 1966 ................ | 524.6 | 468.5 | 56.1 | 13.6 | 7.2 | 15.9 | 3.3 | 12.6 | 1.0 | 11.6 | 3.5 | 0 | 0 |
| 1967 ............. | 558.9 | 504.8 | 54.1 | 11.2 | 5.5 | 16.5 | 3.9 | 13.0 | 1.0 | 12.0 | 4.0 | 0 | 0 |
| 1968 ............ | 612.2 | 554.4 | 57.8 | 13.7 | 5.3 | 16.9 | 3.2 | 14.4 | 1.4 | 13.0 | 4.3 | 0 | 0 |
| 1969 ............ | 667.4 | 603.5 | 63.9 | 12.6 | 8.1 | 18.7 | 3.6 | 15.9 | 1.3 | 14.6 | 5.0 | 0 | 0 |
| 1970 .............. | 703.7 | 631.7 | 72.0 | 13.3 | 9.8 | 20.4 | 4.0 | 18.4 | 1.7 | 16.7 | 6.1 | 0 | 0 |
| 1971 ............ | 749.5 | 673.6 | 75.9 | 13.5 | 8.7 | 23.6 | 4.0 | 18.9 | 2.1 | 16.9 | 7.1 | 0 | 0 |
| 1972 ............ | 829.9 | 746.0 | 83.9 | 11.1 | 11.8 | 28.7 | 4.2 | 19.9 | 2.7 | 17.2 | 8.2 | 0 | 0 |
| 1973 ............. | 931.8 | 827.1 | 104.6 | 16.8 | 18.8 | 32.2 | 4.1 | 24.1 | 4.1 | 20.1 | 8.6 | 0 | 0 |
| $1974 . . . . . . . . . .$. | 1,009.3 | 905.5 | 103.8 | 9.1 | 18.6 | 38.1 | 3.2 | 25.4 | 2.9 | 22.4 | 9.5 | 0 | 0 |
| 1975 ............ | 1,051.8 | 947.8 | 104.0 | 13.9 | 13.3 | 42.1 | 2.8 | 21.1 | 1.3 | 19.8 | 10.7 | 0 | 0 |
| 1976 ............ | 1,172.4 | 1,053.9 | 118.5 | 13.6 | 11.8 | 53.5 | 2.4 | 25.3 | 4.0 | 21.3 | 11.9 | 0 | 0 |
| 1977 ............ | 1,300.6 | 1,158.5 | 142.1 | 19.7 | 10.2 | 61.2 | 4.3 | 34.4 | 6.4 | 28.0 | 12.2 | 0 | 0 |
| 1978 ............ | 1,473.1 | 1,302.4 | 170.7 | 25.0 | 14.1 | 73.4 | 4.6 | 38.8 | 7.6 | 31.2 | 14.9 | 0 | 0 |
| 1979 ........... | 1,662.0 | 1,465.4 | 196.6 | 20.0 | 17.3 | 84.5 | 6.3 | 49.5 | 9.8 | 39.7 | 18.5 | . 4 | 0 |
| 1980 ............ | 1,832.1 | 1,613.7 | 218.4 | 20.8 | 19.2 | 89.1 | 9.6 | 55.5 | 14.2 | 41.3 | 23.4 | . 8 | 0 |
| 1981 ............ | 2,021.8 | 1,772.6 | 249.2 | 21.4 | 23.4 | 90.5 | 17.0 | 67.1 | . 25.5 | 41.7 | 28.8 | . 9 | 0 |
| 1982 ............ | 2,099.4 | 1,852.1 | 247.3 | 16.4 | 18.3 | 95.2 | 21.9 | 60.0 | 23.0 | 37.1 | 33.5 | 2.0 | 0 |
| 1983 ............. | 2,234.8 | 1,942.6 | 292.2 | 24.6 | 27.7 | 109.7 | 24.2 | 64.1 | 26.3 | 37.8 | 39.2 | 2.6 | 0 |
| 1984 ........... | 2,488.5 | 2,139.9 | 348.6 | 29.5 | 31.7 | 141.7 | 28.7 | 66.1 | 32.8 | 33.3 | 45.0 | 1.3 | 4.6 |
| 1985 ............ | 2,661.7 | 2,306.0 | 345.8 | 44.5 | 28.4 | 147.5 | 29.4 | 45.5 | 26.6 | 18.9 | 46.0 | 1.4 | 3.2 |
| 1986 ............ | 2,878.9 | 2,481.7 | 397.3 | 59.3 | 31.9 | 147.3 | 26.8 | 64.2 | 24.5 | 39.7 | 63.4 | 1.2 | 3.1 |
| 1987 ............ | 3,156.5 | 2,773.8 | 382.7 | 80.6 | 36.1 | 121.5 | 22.5 | 64.0 | 34.8 | 29.1 | 52.6 | 2.6 | 2.8 |
| 1988 ............ | 3,430.7 | 3,083.0 | 347.6 | 84.1 | 38.5 | 122.8 | 17.1 | 40.4 | 32.3 | 8.2 | 40.0 | 2.0 | 2.8 |
| 1989 ............... | 3,666.4 | 3,256.4 | 410.0 | 112.6 | 35.2 | 127.2 | 14.3 | 63.0 | 55.0 | 7.9 | 52.2 | 2.5 | 3.0 |
| 1990 ............ | 3,821.3 | 3,405.4 | 415.9 | 119.0 | 31.7 | 134.2 | 15.7 | 57.8 | 56.1 | 1.7 | 51.6 | 2.9 | 3.0 |
| 1991 ............ | 3,873.8 | 3,464.5 | 409.2 | 106.2 | 32.4 | 138.9 | 18.8 | 58.6 | 65.4 | -6.7 | 47.2 | 3.9 | 3.2 |
| 1992 ............ | 4,116.7 | 3,629.1 | 487.6 | 133.3 | 34.8 | 164.6 | 20.7 | 67.1 | 60.8 | 6.3 | 54.2 | 8.3 | 4.5 |
| 1993 ............ | 4,277.5 | 3,723.3 | 554.1 | 145.6 | 41.5 | 200.0 | 22.3 | 75.6 | 69.7 | 5.9 | 54.6 | 7.3 | 6.1 |
| $1994 . . . . . . . . . . .$. | 4,513.1 | 3,907.5 | 605.6 | 158.8 | 33.5 | 223.1 | 24.7 | 101.3 | 93.4 | 7.9 | 52.5 | 3.8 | 8.0 |
| 1995 ............ | 4,819.7 | 4,189.4 | 630.4 | 167.8 | 37.2 | 245.1 | 29.0 | 84.2 | 96.6 | -12.5 | 55.8 | 2.6 | 8.8 |

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

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

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

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

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

[^16]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 agr. ${ }^{8}$ 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

[^17]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 $\qquad$ | 33.8 | 10.7 |
| 3 | Transfer payments except taxable military retirement, taxable government pensions, and taxable social security benefits | 1.9 | -2.1 |
|  | Other labor income except fees ................... | 4.1 | 2.7 |
| 5 6 | Imputed income in personal income Investment income retained by life | 4.5 | 17.4 |
|  | insurance carriers and private noninsured pension funds $\qquad$ | 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 |
| 9 | excluded from adjusted gross income ... | 2.3 | 9.5 |
| 10 | Plus: Portion of adjusted gross income not included in personal income $\qquad$ | -4.1 | -1.9 |
| 11 | Personal contributions for social insurance | . 7 | -. 6 |
| 12 | Net gain from sale of assets .................... | 2 | 14.6 |
| 13 | Taxable private pensions ....................... | -6.0 | -12.8 |
| 14 | Small business corporation incorme .... | 1.1 | 8.9 |
| 15 | Other types of income ........................ | -. 1 | -12.1 |
| 23 | Equals: BEA-derived adjusted gross income ........ | -14.3 | 17.2 |
| 29 | AdJusted gross income of IRS ........................... | 0 | -1.8 |
| 30 | AdJusted gross income (AGI) gap ....................... | -14.3 | 19.0 |
| 32 | AGI gap as a percentage of BEA-derived AGI ...... | -. 3 | . 4 |

. Line numbers in this table correspond to those in table 1.
AGI Adjusted gross income
BEA Bureau of Economic Analysis
RS Internal Revenue Service
NIPA's National income and product accounts
to the revisions to personal income components (lines $3-6$, most of line 9 , and line 11 ) were revised up $\$ 21.2$ billion. Thus, the revisions to personal income that carried through to increase the agI gap were $\$ 2.4$ billion. The reconciliation items that are unrelated to the revisions to personal income or to agi (lines $7-8,13$, and 14) were revised up $\$ 16.7$ billion, which carried through to reduce the agI gap.
For 1994, the AGI gap was revised up $\$ 19.0$ billion. Personal income was revised up $\$ 29.7$ billion. The reconciliation items that are offsets to the revisions to personal income components were revised up $\$ 23.2$ billion. Thus, the revisions to personal income that carried through to increase the agI gap were $\$ 6.5$ billion. The reconciliation items that are unrelated to the revisions to personal income or to agI were revised down $\$ 8.0$ billion, which carried through to increase the agi gap. AgI (line 29) was revised down $\$ 1.8$ billion. The reconciliation items that are offsets to the revisions to agi components (lines 12 and 15) were revised up $\$ 2.5$ billion. Thus, the revisions to agI that carried through to increase the agi gap were $\$ 4.3$ billion.

# Gross Product by Industry, 1947-96 

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

$\tau$his article presents new estimates of gross product, or gross product originating (GPo), by industry for 1995-96 and revised estimates of current-dollar GPO for 1947-94 and of real (chained-dollar) GPO for 1977-94. ${ }^{1}$ The new and revised estimates incorporate the final results of the comprehensive revision of the national income and product accounts (NIPA's) released in

[^18]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-
2. For more information, see Robert P. Parker, "Completion of the Comprehensive Revision of the National Income and Product Accounts, 1929-96," Survey 77 (May 1997): 6-9; and Robert P. Parker and Eugene P. Seskin, "Annual Revision of the National Income and Product Accounts," Survey 77 (August 1997): 6-35.

## Gross Product Originating: Definition and Relationship to Gross Domestic Product

Gross product, or gross product originating (GPO), by industry is the contribution of each private industry and government to the Nation's output, or gross domestic product (GDP). An industry's GPO, often referred to as its "value added," is equal to its gross output (sales or receipts and other operating income, commodity taxes, and inventory change) minus its intermediate inputs (consumption of goods and services purchased from other industries or imported).
For the national income and product accounts (NIPA's), GDP is measured as the sum of expenditure components. Gross domestic income (GDI) is measured as the sum of costs incurred and incomes earned in the production of GDP. In concept, GDP and GDI should be the same; in practice, they differ because their components are estimated using largely independent and less-than-perfect source data. bEA views GDP as the more reliable measure of output because the source data underlying the estimates of expenditures are considered to be more accurate. ${ }^{1}$ The difference between GDP and GDI is called the "statistical discrepancy"; it is recorded in the nIPA's as an "income" component that reconciles GDI with GDP.

Current-dollar gro 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

[^19]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 gro of private industries rather than the GPO of general government or government enterprises.

Real gdp in the nipa's is also measured as the sum of the expenditure components. Real gro estimates for most industries are derived using separate estimates of gross output and intermediate inputs. ${ }^{2}$ The sum of the real gro estimates differs from real gdp 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 gro 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 gro. For some industries, no source data are available to measure gross output, and the resulting real GPO estimates are prepared using less reliable methodologies.

[^20]ment program. The improvements that were introduced into the GPO estimates last year included the improved chain-type measures of real gro and a quality-adjusted bea price index for selected semiconductor products. ${ }^{3}$ Future improvement efforts will focus on integrating the gro estimates with the benchmark input-output ( $\mathrm{I}-\mathrm{O}$ ) 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

[^21]
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industry's claim on the economy's resources is increasing or decreasing. The composition of an industry's current-dollar gro 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-

[^22]Table 1.-Percent Changes in Real Gross Domestic Product by Industry Group
[Percent change from preceding period]

|  |  |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: |

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 gro slowed to a 2.7 percent increase from a 4.5 -percent increase. All the private industry groups except fire and services grew at a slower rate in 1995 than in 1994. In 1995, the fastest growing industry groups were durable goods manufacturing ( 8.9 percent), nondurable goods manufacturing (4.1 percent), and mining ( 5.8 percent). Agriculture, forestry, and fishing declined 6.5 percent.
In 1995, among the detailed industries, four of the five fastest growing industries were in manufacturing, and the other was in fire. Among durable goods industries, industrial machinery and equipment increased 25.1 percent, and electronic and other electric equipment increased 20.4 percent. Among nondurable goods industries, food and kindred products increased 13.5 percent, and petroleum and coal products increased 16.4 percent. Insurance carriers in fire grew 15.1 percent. Two industries had decreases of over 10 percent: Paper and allied products, down 13.0 percent, and farms, down 12.7 percent.

In 1996, real GDP growth accelerated to 2.8 percent from 2.0 percent. The acceleration was mainly accounted for by agriculture, forestry, and fishing; construction; transportation and pub-

## 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](http://www.bea.doc.gov). They are also available online to subscribers to stat-usa's Economic Bulletin Board (ebв) (call 202-482-1986, or go to [http://www.stat-usa.gov](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

|  |  |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: |

1. Annual rate.
2. Equals GDP measured as the sum of expenditures less gross domestic income.
3. Equals GDP less the statistical discrepancy and the sum of GPO of the detailed industries. NOTE.-For information on the calculation of the contributions to percent change, see footnote
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

[^23]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.

[^24]Table 3.-Gross Product by Industry Group in Current Dollars and As a Percentage of Gross Domestic Product


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 propertytype 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 fulltime equivalent employment and compensation per full-time equivalent employee. ${ }^{10}$

[^25]

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 gro 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. ${ }^{1}$ For nonmanufacturing industries (not shown on the chart), labor's share of GPO increased slightly, from 49.6 percent in 1980 to 50.9 percent in 1996.
The shifts in the labor and capital shares in mining and in agriculture, forestry, and fishing were also relatively large (table 8). In mining, the labor share decreased from 35.2 percent in 1992 to 29.7 percent in 1996, and the capital share increased correspondingly. In agriculture, forestry and fishing the labor share increased from 27.3
11. The labor share of gpo for all industries differs slightly from the labor share of GDP, because GDP includes the statistical discrepancy.

Table 4.-Components of Gross Product As a Percentage of Gross Domestic Product by Industry Group [Percent]

|  | 1992 | 1993 | 1994 | 1995 | 1996 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Gross domestic product | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Compensation of employees | 58.4 | 58.2 | 57.8 | 58.1 | 58.0 |
| Indirect business tax and nontax liability | 8.1 | 8.1 | 8.2 | 8.0 | 7.9 |
| Property-type income ............................ | 32.8 | 32.9 | 33.8 | 34.3 | 34.9 |
| Statistical discrepancy ${ }^{1}$........................ | . 7 | . 8 | . 2 | -. 4 | -. 8 |
| Private industries | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Compensation of employees $\qquad$ Indirect business tax and nontax | 53.9 | 53.8 | 53.4 | 53.8 | 53.8 |
| liability ....................................... | 9.4 | 9.4 | 9.5 | 9.2 | 9.1 |
| Property-type income ....................... | 35.9 | 35.9 | 36.9 | 37.4 | 38.0 |
| Statistical discrepancy ${ }^{1}$ | . 8 | . 9 | . 2 | -. 4 | -. 9 |
| Manufacturing .................................. | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Compensation of employees $\qquad$ Indirect business tax and nontax | 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 |
| Compensation of employees ...... Indirect business tax and nontax | 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 |
| Compensation of employees ...... Indirect business tax and nontax | 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 |
| Compensation of employees ......... | 50.9 | 51.0 | 50.6 | 51.1 | 50.9 |
| Indirect business tax and nontax <br> liability $\qquad$ | 10.8 | 10.8 | 10.9 | 10.6 | 10.3 |
| Property-type income .................... | 38.3 | 38.2 | 38.5 | 38.3 | 38.8 |
| Government | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Compensation of employees ............. | 86.1 | 85.9 | 85.8 | 85.6 | 85.8 |
| Indirect business tax and nontax <br> liability $\qquad$ | . 0 | . 0 | . 0 | . 0 | . 0 |
| Property-type income ........................ | 13.9 | 14.1 | 14.2 | 14.4 | 14.2 |
| 1. Equals GDP measured as the sum of expen <br> 2. Consists of agriculture, forestry, and fishing; | es less ing; | gross d | estic transp | me. | d public |

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

## Revisions to the Gpo Estimates

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

## Current-dollar estimates

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

## Real growth rates

The revisions to real GPO growth rates primarily reflect the revisions to current-dollar GPO, but they also reflect the incorporation of new and revised source data for gross output and prices and the incorporation of revised data on the composition of gross output from the 1992 benchmark input-output (I-O) accounts. By industry, the revisions to real GPO growth rates for both 1993 and 1994 were generally small. However, the growth rate for mining GPO for 1993 was revised up 6.2 percentage points, and the growth rate for agriculture, forestry, and fishing GPO for 1994 was revised up 4.4 percentage points. The upward revision to mining was in oil and gas extraction and reflected a revision to corporate profits. The upward revision to the industry group agriculture, forestry, and fish- ${ }^{\text {² }}$ ing was in "agricultural services, forestry and fishing" and reflected new source data for gross output. In transportation and public utilities for 1994, a downward revision of 11.2 percent-

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

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

[^26]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 gro 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 gro 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 gro 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

[^27]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 gro estimates for 1996 when data from regular sourcesprimarily 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 gro 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 chaineddollar 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

[^28]the new nipa treatment of government investment, which was incorporated in the revised GPO estimates for 1959-94 that were released in August 1996.

## Gross Output and Intermediate Inputs by Industry

In addition to the estimates of GPo by industry, this article presents estimates of gross output and intermediate inputs by industry. Gross output measures each industry's total output, including the intermediate products used-raw materials, semifinished goods, energy, and services purchased from other industries or imported-and the value added generated in production. Gross output by industry is shown in table 13, and intermediate inputs by industry are shown in table 14; current-dollar estimates are presented in billions of dollars, and real estimates are shown as chain-type quantity indexes. ${ }^{15}$
Current-dollar gross output, which is roughly equivalent to an industry's sales or receipts, is often used by industry analysts as a measure of an industry's size relative to that of other industries.
15. Gross output and intermediate input estimates are prepared only for those industries for which the double-deflation method is used to estimate real Gpo. For a list of these industries, see Yuskavage, "Improved Estimates," 145. For the other industries, source data are not adequate for preparing gross output estimates.

Current-dollar gro, 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, gro 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 gro, estimates of real gross output and real intermediate inputs are used in studies of industry productivity. In 1992-96 real gross output for manufacturing grew 4.6 percent, real intermediate inputs grew 4.0 percent, and real GPO grew 5.6 percent.

Tables 6 through 14 follow.

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

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

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

| Line |  | Billions of dollars |  |  |  |  | Percent |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1992 | 1993 | 1994 | 1995 | 1996 | 1992 | 1993 | 1994 | 1995 | 1996 |
| 1 | Gross domestic product | $\begin{aligned} & 6,244,4 \\ & 5,370.8 \end{aligned}$ | 6,558.1 |  | $\begin{aligned} & 7,265.4 \\ & 6,301.3 \end{aligned}$ | $7,636.0$ | $100.0$ | $\begin{array}{r\|} \hline 100.0 \\ 86.2 \end{array}$ | $\begin{array}{r} 100.0 \\ 8.6 \end{array}$ | 100.0 | 100.0 |
| 2 | Private industries. |  | $5,655.4$ | 6,013.5 |  |  |  |  |  | 86.7 | 87.0 |
| 3 4 4 | Agriculure, forestry, and fishing ...... | $\begin{array}{r} 112.4 \\ 80.5 \\ 31.9 \end{array}$ | $\begin{array}{r} 106.1 \\ 73.0 \\ 33.1 \end{array}$ | $\begin{gathered} 119.2 \\ 83.5 \\ 35.7 \end{gathered}$ | $\begin{gathered} 111.0 \\ 73.5 \\ 37.5 \end{gathered}$ | $\begin{array}{r} 129.8 \\ 89.4 \\ 40.5 \end{array}$ | $\begin{array}{r} 1.8 \\ 1.3 \\ .5 \end{array}$ | $\begin{array}{r}1.6 \\ 1.1 \\ \hline .5\end{array}$ | $\begin{aligned} & 1.7 \\ & 1.2 \\ & 1.5 \end{aligned}$ | 1.51.05 | $\begin{array}{r}1.7 \\ 1.2 \\ \\ \hline\end{array}$ |
| 5 |  |  |  |  |  |  |  |  |  |  |  |
| 6 | Mining ... | $\begin{array}{r} 92.2 \\ 5.5 \\ 13.6 \\ 6.6 \\ 6.2 \end{array}$ | 94.6 | 94.9 | $99.8 \quad 113.6$. |  | 1.5 |  |  |  | 1.5 |
| 7 | Metal mining ..... |  | 5.0 | 5.9 | 6.8 | 6.8 | . 1 |  | , | 1. | . |
| 8 | Cool mining ............ |  | 12.4 | 13.1 66.7 | 72.3 | 88.4 | 1.2 | .2 | 1.20 | . 2 | 2 |
| 10 |  |  | 8.1 | 9.2 | 9.6 | 10.2 | 1.1 | 1 | 1.0 | . 1. | . 1 |
| 11 | Construction ... | 229.7 | 242.4 | 268.7 | 286.4 | 306.1 | 3.7 | 3.7 | 3.9 | 3.9 | 4.0 |
| 12 | Manufacturing | 1,063.6 | 1,116.5 | 1,216.1 | $1,286.3$716.8 | $1,332.1$749.0 | 17.09.2 | $\begin{array}{r} 17.0 \\ 9.4 \end{array}$ | 17.59.8 | 17.79.9 | 17.4 <br> 9.8 |
| 13 | Durable goods ............................ | 573.4 |  |  |  |  |  |  |  |  |  |
| 14 | Lumber and wood products ... | 32.0 | 34.6 | 38.4 | 40.7 | 41.4 | 9.2 | 9.4 | . 6 | ${ }^{6}$ | . 5 |
| 15 | Furniture and fixtures............ | 16.2 | 25.1 | 18.5 <br> 28.8 | 19.4 30.7 | 32.5 | .3 .4 | . 3 | .3 .4 | 3 |  |
| 16 17 | Stone, clay, and glass products | 25.1 39.0 |  | 46.3 | 52.0 | 50.6 | . 6 | ${ }^{.} 6$ | 7 | $\begin{array}{r}.7 \\ 1.2 \\ \hline\end{array}$ | 4 |
| 18 | Fabricated metal products ................ | 70.1 | 110.9 | $\begin{array}{r}84.2 \\ 122.3 \\ \hline\end{array}$ | 89.5142.4 | 98.2 | 1.7 |  | 1.8 |  | 1.3 |
| 19 | Industrial machinery and equipment .... | 108.6 |  |  |  | 150.2 |  |  |  | 2.0 <br> 1.8 | , |
| 20 | Electronic and other electric equipment ..... | 98.6 | 110.9 114.6 | 132.9 | 1384.0 | 1438.8 | 1.6 |  | 1.9 <br> 1.3 <br> 1 |  |  |
| 21 | Motor vehiclies and equipment .................. | 52.8 | 53.5 | 87.4 <br> 49.5 | 87.346.9 | 85.1 <br> 49.7 | $\left.\begin{aligned} & .8 \\ & .9 \end{aligned} \right\rvert\,$ | $\begin{gathered} 1.7 \\ 11 \end{gathered}$ | 7 | 1.8 <br> 1.2 | 1.1.77 |
| 22 | Other transporation equipment ....................... | 56.5 |  |  |  |  |  | . 8 |  | . 78 |  |
| 23 | Instruments and related products ..................................... | 54.2 | 50.9 | 48.7 | 49.7 | 52.3 |  |  |  |  |  |
| 24 | Miscellaneous manufacturing industries ..... | 20.1 | $\begin{array}{r}21.1 \\ 500.8 \\ \hline\end{array}$ | 22.2 | 24.3 | 24.6 | . | 8 |  | . 3 | $\begin{array}{r}7 \\ \hline\end{array}$ |
| 25 | Nondurable goods ................................ | 490.3 |  | 530.9109.6 | 118.7 | 583.1122.6 | 7.91.6 | 7.61.6 | 7.7 <br> 1.6 | 1.8 | 7.6 <br> 1.6 |
| 27 | Food and kndied products | 102.1 | $\begin{array}{r}103.2 \\ 15.2 \\ \hline\end{array}$ |  |  |  |  |  | $\stackrel{.}{4}$ |  | 1.6 |
| 28 | Textile mill products. | 25.4 | 25.5 | 25.4 | 17.6 23.6 | 12.18 .1 <br> 18.5 <br> 25.5 | . 4 | . 2. |  | $\frac{.}{3}$ | .3.3.3 |
| 29 | Apparel and other textiee products .................................... | 27.2 | 27.4 |  | 27.359.9 | 26.657.15. | .4 <br> .4 | .$_{7}$ | 4 | . 8 |  |
| 30 | Paper and allied products ............................................. | 45.8 | 47.7 | 51.3 |  |  |  |  |  |  | $\begin{array}{r}.7 \\ .7 \\ \hline 1.2\end{array}$ |
| 31 | Printing and publishing ................................................ | 79.7 | ${ }^{124.6}$ | 140.6 | 855.0 | 90.4 | 1.3 | 1.2 | 1.2 | 1.2 |  |
| 32 | Chemicals and allied products | 120.5 |  |  |  | 157.8 | 1.9 | 1.9 | 2.0 | 2.1 | 2.1 |
| 33 | Petroleum and coal products ............................................ | 28.2 | 31.3 | 30.4 | 30.2 | 30.7 | . 5 | 5 | . 4 | . 4 |  |
| ${ }_{35}$ | Leather and leather products | 4.8 | 4.5 | 44.4 | 5.1 | 5.2 | . 1 | . 1 | . 1 | . 8 | . 1 |
| 36 | Transportation and public utillties...... | 528.7 | 561.7 | 598.7 | 622.4 | 645.3 | 8.5 | 8.6 | 8.6 | 8.6 | 5 |
| 37 | Transporation .......................... | 192.8 | 203.3 | 219.9 | 228.7 | 235.1 | 3.1 | 3.1 | 3.2 | 3.1 | 3.1 |
| 39 | Rairoad liansporation ................................................ | 10.9 | 11.2 | 11.4 | 12.4 | ${ }_{13.6}$ | 4 | 3 | 2 | ${ }^{2}$ | . |
| 40 | Trucking and warehousing .... | 82.2 | 87.0 | 95.0 | 97.5 | 92.2 | 1.3 | 1.3 | 1.4 | 1.3 | 1.2 |
| 41 | Water transportation ..... | 10.3 | 10.1 | 10.9 | 10.8 | 11.2 | . 2 | ${ }^{2}$ | 2 | .1 | . 1 |
| 42 | Transportation by air .... | 43.0 | 47.8 | 51.7 | 54.9 | 63.2 | . 7 | . 7 | 7 | . 8 | . 8 |
| 43 | Pipelines, except natural gas.. | 4.9 | 4.8 | 4.6 | 5.7 | 5.5 | 1 | 1. | .1 | 1 | 1 |
| 4 | Transportation servicas ... | 19.6 | 175.6 | $\begin{array}{r}22.1 \\ 184.6 \\ \hline 1\end{array}$ | 1919.6 | 200.3 | . 3 | 3 | 3 | 36 |  |
| 46 | Telephone and telegraph ......... | 129.7 | 134.6 | 142.1 | 144.1 | 149.6 | 2.1 | 2.1 | 2.0 | 2.0 | 2.0 |
| 47 | Radio and television | 31.5 | 41.0 | 42.5 | 47.5 | 50.6 | . 5 | 6 | . 6 | 7 | 7 |
| 48 | Electric, gas, and sanitary sevvices ....................................... | 174.7 | 182.8 | 194.2 | 202.0 | 210.0 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 |
| 49 | Wholesale trade | 406.4 | 423.3 | 468.0 | 484.4 | 516.8 | 6.5 | 6.5 | 6.7 | 6.7 | 6.8 |
| 50 | Retall 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 estato | 1,147.9 | 1,218.1 | 1,267.6 | 1,361.3 | 1,448.5 | 18.4 | 18.6 | 18.2 | 18.7 | 9.0 |
| 52 | Depository institutions .................. | 200.1 | 203.0 | 207.4 | 229.6 | 247.4 | 3.2 | 3.1 | 3.0 | 3.2 | 3.2 |
| 53 | Nondepository institutions .............. | 28.3 | 37.6 | 36.1 | 39.0 | 49.9 | . 5 | . 6 | . 5 | . 5 | 7 |
| 54 | Security and commodity brokers ..........-- | 49.5 | 63.9 | 78.5 | 79.5 | 90.0 | . 1.8 | 1.0 | 1.1 | 1.1 | 1.2 |
| 55 56 | Insurance carriers ......................... | 83.4 39.5 | 106.6 41.5 | 108.8 45.0 | 126.5 47.1 | $\begin{array}{r}136.6 \\ 50.4 \\ \hline\end{array}$ | 1.3 | 1.6 | ${ }^{1.6}$ | 1.7 | $\begin{array}{r}1.8 \\ \hline\end{array}$ |
| 56 |  | 734.9 | 759.0 | 802.9 | 84.7 | ${ }_{886.2}$ | 11.8 | 11.6 | 11.6 | 11.6 | 11.6 |
| 58 | Nontarm housing services .............................. | 553.5 | 568.7 | 607.3 | 642.8 | 673.3 | 8.9 | 8.7 | 8.7 | 8.8 | 8.8 |
| 59 | Other real estate .......... | 181.4 | 190.2 | 195.6 | 199.9 | 212.9 | 2.9 | 2.9 | 2.8 | 2.8 | 2.8 |
| 60 | Holding and other investment offices ................................. | 12.3 | 6.7 | -11.1 | -3.2 | -12.0 | . | 1 | -2 | . 0 | -2 |
|  | Services | 1,200.8 | 1,267.0 | 1,350.4 | 1,440.3 | 1,539.5 | 9.2 | 9.3 | 9.4 |  |  |
| 2 | Hotels and other lodging places ..... | 51.0 | 53.8 | 57.4 | ${ }^{60.6}$ | 63.7 | 8 | ${ }^{8}$ | 8 | 8 | . 8 |
| 63 | Personal services ........................ | 41.0 | 44.3 | 45.8 | 46.6 | 49.1 | 7 | 76 | 7 | . 6 |  |
| 4 | Business services ......... | 218.9 | 233.5 | 256.0 | 283.3 | 318.5 | 3.5 | 3.6 | 3.7 | 3.9 | 4.2 |
| 66 |  | 51.5 | 54.3 | 59.3 | 61.7 | 65.0 | 8 | ${ }_{8}^{8}$ | 9 | 8 | 9 |
| 67 |  | 20.0 | 23.4 | 23.0 | 25.9 | 29.9 | .3 | ${ }^{4}$ | . 3 | . 4 |  |
| 68 | Amusement and recreation services ...................................... | 47.9 | 47.8 | 51.4 | 56.2 | 60.8 | . 8 | 7 | 7 | 8 | . 8 |
| 69 | Heath services ............ | 369.1 | 386.6 | 410.2 | 428.9 | 447.0 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 |
| 7 | Legal senvices... | 90.1 | 91.6 | 93.8 | 96.5 | 100.0 | 1.4 | 1.4 | 1.4 | 1.3 | . |
| 71 | Educational services .... | 46.3 | 48.9 | 52.3 | 55.7 | 58.2 | .7 | . 7 | . 8 | 8 | 8 |
| 72 73 | Social senvices ..ariavi........ | 36.9 | 39.8 | 43.2 | 46.7 | 49.3 | . 6 | ${ }^{6} 6$ | . 6 | ${ }^{.} 6$ |  |
| 74 | Memberstip organizations .... | 162.2 | 171.1 | 182.6 | 199.9 | 215.2 | 2.6 | 2.6 | 2.6 | 2.8 | 2.8 |
| 75 | Pivate housenolds ............. | 0.1 | 10.7 | 11.0 | . 8 | 11.5 | 2 | . 2 | 2 | 2 |  |
| 76 | Statistical discrepancy ${ }^{1}$. | 44.8 | 52.6 | 14.6 | -28.2 | -59.9 | . 7 | . 8 | . 2 | -. 4 | -. 8 |
| 77 | Government | 873.6 | 902.7 | 933.5 | 964.1 | 996.3 | 14.0 | 13.8 | 13.4 | 13.3 | 13.0 |
|  | Federal | 321.4 | 323.4 | 324.9 | 326.2 | 331.5 | 5.1 | 4.9 | 4.7 | 4.5 | 4.3 |
|  | State and local .................................................... |  | 579.3 |  | 637.9 | 664.7 | 8.8 | 8.8 | 8.8 | 8.8 |  |
| 82 | General government ........................ | 506.6 | 531.6 | 557.5 | 583.4 | 607.6 | 8.1 | 8.1 | 8.0 | 8.0 | 8.0 |
| 83 | Government enterprises .............................................. | 45.6 | 47.6 | 51.1 | 54.5 | 57.1 | 7 | . 7 | . 7 | . 8 |  |

[^29]Table 8.-Components of Gross Product in Current Dollars and As a Percentage of Gross Domestic Product by Industry Group, 1992-96

| Line |  | Billions of current dollars |  |  |  |  | Percent |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1992 | 1993 | 1994 | 1995 | 1996 | 1992 | 1993 | 1994 | 1995 | 1996 |
| 1 | Gross domestic product | 6,244,4 | 6,558.1 | 6,947.0 | 7,265.4 | 7,636.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2 | Compensation of employees ......................................................... | 3,645.0 | 3,817.0 | 4,014.5 | 4,218.0 | 4,429.5 | 58.4 | 58.2 | 57.8 | 58.1 | 58.0 |
| 3 | Indirect business tax and nontax liability .......................................... | 505.6 | 532.5 | 568.5 | 582.8 | 604.8 | 8.1 | 8.1 | 8.2 | 8.0 | 7.9 |
| 4 | Property-type income ................................................................. | 2,049.0 | 2,156.0 | 2,349.4 | 2,492.8 | 2,661.6 | 32.8 | 32.9 | 33.8 | 34.3 | 34.9 |
| 5 | Statistical discrepancy ${ }^{\text { }}$............................................................... | 44.8 | 52.6 | 14.6 | -28.2 | -59.9 | . 7 | . 8 | . 2 | -. 4 | -. 8 |
| 6 | Private industries ....................................................................... | 5,370.8 | 5,655.4 | 6,013.5 | 6,301.3 | 6,639.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 7 | Compensation of employees ..................................................... | 2,893.2 | 3,041,2 | 3,213.8 | 3,392.6 | 3,574.2 | 53.9 | 53.8 | 53.4 | 53.8 | 53.8 |
| 8 | Indirect business tax and nontax liability ....................................... | 505.6 | 532.5 | 568.5 | 582.8 | 604.8 | 9.4 | 9.4 | 9.5 | 9.2 | 9.1 |
| 9 | Property-type income ............................................................. | 1,927.2 | 2,029.1 | 2,216.6 | 2,354.1 | 2,520.7 | 35.9 | 35.9 | 36.9 | 37.4 | 38.0 |
| 10 | Statistical discrepancy ${ }^{\prime}$............................................................. | 44.8 | 52.6 | 14.6 | -28.2 | -59.9 | . 8 | . 9 | 2 | -. 4 | -. 9 |
| 11 | Agriculture, torestry, and fishing ................................................. | 112.4 | 106.1 | 119.2 | 111.0 | 129.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 12 | Compensation of employees ................................................ | 30.7 | 32.9 | 34.8 | 37.0 | 39.6 | 27.3 | 31.0 | 29.2 | 33.3 | 30.5 |
| 13 | Indirect business tax and nontax liability .................................. | 6.0 | 5.9 | 6.5 | 6.9 | 7.0 | 5.3 | 5.6 | 5.5 | 6.2 | 5.4 |
| 14 | Property-type income ........................................................... | 75.7 | 67.3 | 77.9 | 67.1 | 83.2 | 67.4 | 63.4 | 65.3 | 60.5 | 64.1 |
| 15 | Mining | 92.2 | 94.6 | 94.9 | 99.8 | 113.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 16 | Compensation of employees ................................................. | 32.5 | 32.3 | 32.7 | 32.9 | 33.7 | 35.2 | 34.1 | 34.5 | 33.0 | 29.7 |
| 17 | Indirect business tax and nontax liability .................................. | 10.7 | 10.6 | 10.4 | 9.9 | 11.4 | 11.6 | 11.2 | 11.0 | 9.9 | 10.0 |
| 18 | Property-type income ........................................................... | 49.0 | 51.7 | 51.8 | 57.0 | 68.5 | 53.2 | 54.7 | 54.5 | 57.1 | 60.3 |
| 19 | Construction | 229.7 | 242.4 | 268.7 | 286.4 | 306.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 20 | Compensation of employees ................................................... | 158.7 | 165.2 | 182.0 | 193.7 | 209.3 | 69.1 | 68.2 | 67.7 | 67.6 | 68.4 |
| 21 | Indirect business tax and nontax liability ................................... | 5.0 | 5.3 | 5.7 | 6.0 | 6.3 | 2.2 | 2.2 | 2.1 | 2.1 | 2.1 |
| 22 | Property-type income ............................................................... | 66.0 | 71.9 | 81.0 | 86.7 | 90.5 | 28.7 | 29.6 | 30.2 | 30.3 | 29.5 |
| 23 | Manufacturing | 1,063.6 | 1,116.5 | 1,216.1 | 1,286.3 | 1,332.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 24 | Compensation of employees | 723.4 | 753.3 | 792.0 | 816.9 | 839.8 | 68.0 | 67.5 | 65.1 | 63.5 | 63.0 |
| 25 | Indirect business tax and nontax liability .................................... | 44.6 | 46.0 | 47.4 | 49.4 | 50.0 | 4.2 | 4.1 | 3.9 | 3.8 | 3.8 |
| 26 | Properly-type income ............................................................ | 295.6 | 317.2 | 376.7 | 420.0 | 442.3 | 27.8 | 28.4 | 31.0 | 32.7 | 33.2 |
| 27 | Durable goods | 573.4 | 615.7 | 679.2 | 716.8 | 749.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 28 | Compensation of employees .............................................. | 439.1 | 459.5 | 486.8 | 505.2 | 521.8 | 76.6 | 74.6 | 71.7 | 70.5 | 69.7 |
| 29 | Indirect business tax and nontax liability ............................... | 15.0 | 15.6 | 16.4 | 17.9 | 17.8 | 2.6 | 2.5 | 2.4 | 2.5 | 2.4 |
| 30 | Property-ype 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 | ${ }^{3} .100 .0$ | 100.0 |
| 32 | Compensation of employees ............................................... | 284.3 | 293.8 | 305.2 | 311.7 | 318.0 | 58.0 | 58.7 | 56.8 | 54.7 | 54.5 |
| 33 | Indirect business tax and nontax liability ................................ | 29.6 | 30.4 | 31.0 | 31.6 | 32.2 | 6.0 | 6.1 | 5.8 | 5.5 | 5.5 |
| 34 | Property-type income .................................................................... | 176.4 | 176.6 | 200.7 | 226.2 | 232.9 | 36.0 | 35.2 | 37.4 | 39.8 | 40.0 |
| 35 | Transportation and public utilities ............................................... | 528.7 | 561.7 | 598.7 | 622.4 | 645.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 36 | Compensation of employees ................................................. | 240.0 | 251.3 | 265.6 | 276.5 | 287.0 | 45.4 | 44.7 | 44.4 | 44.4 | 44.5 |
| 37 | Indirect business tax and nontax liability ................................... | 53.4 | 55.6 | 60.5 | 61.9 | 59.7 | 10.1 | 9.9 | 10.1 | 9.9 | 9.3 |
| 38 | Property-type income .............................................................. | 235.3 | 254.8 | 272.6 | 284.0 | 298.6 | 44.5 | 45.4 | 45.5 | 45.7 | 46.2 |
| 39 | Wholesale trade ................................................................................ | 406.4 | 423.3 | 468.0 | 484.4 | 516.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 40 | Compensation of employees ................................................... | 239.1 | 244.7 | 259.8 | 276.2 | 289.4 | 58.8 | 57.8 | 55.5 | 57.0 | 56.0 |
| 41 | Indirect business tax and nontax tiability .................................... | 92.1 | 99.0 | 111.4 | 110.5 | 115.8 | 22.7 | 23.4 | 23.8 | 22.8 | 22.4 |
| 42 | Property-type income ............................................................. | 75.2 | 79.6 | 96.8 | 97.7 | 111.6 | 18.5 | 18.8 | 20.7 | 20.2 | 21.6 |
| 43 | Retail trade ........................................................................... | 544.3 | 573.2 | 615.3 | 637.6 | 667.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 44 | Compensation of employees ................................................ | 331.8 | 344.7 | 365.7 | 383.1 | 400.0 | 61.0 | 60.1 | 59.4 | 60.1 | 59.9 |
| 45 | Indirect business tax and nontax liability .................................. | 100.6 | 106.5 | 13.9 | 120.1 | 125.7 | 18.5 | 18.6 | 18.5 | 18.8 | 18.8 |
| 46 | Property-type income ........................................................................ | 111.9 | 122.0 | 135.7 | 134.4 | 142.2 | 20.5 | 21.3 | 22.1 | 21.1 | 21.3 |
| 47 | Finance, insurance, and real estate ............................................ | 1,147.9 | 1,218.1 | 1,267.6 | 1,361.3 | 1,448.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 48 | Compensation of employees ................................................. | 277.2 | 300.5 | 310.2 | 324.9 | 350.2 | 24.1 | 24.7 | 24.5 | 23.9 | 24.2 |
| 49 | Indirect business tax and nontax liability .................................. | 163.6 | 171.0 | 177.6 | 181.0 | 189.5 | 14.3 | 14.0 | 14.0 | 13.3 | 13.1 |
| 50 | Property-type income ............................................................ | 707.1 | 746.6 | 779.8 | 855.4 | 908.8 | 61.6 | 61.3 | 61.5 | 62.8 | 62.7 |
| 51 | Services ............................................................................................... | 1,200.8 | 1,267.0 | 1,350.4 | 1,440.3 | 1,539.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 52 | Compensation of employees ................................................. | 859.8 | 916.3 | 971.0 | 1,051.4 | 1,125.3 | 71.6 | 72.3 | 71.9 | 73.0 | 73.1 |
| 53 | Indirect business tax and nontax liability ................................... | 29.6 | 32.6 | 35.0 | 37.1 | 39.3 | 2.5 | 2.6 | 2.6 | 2.6 | 2.6 |
| 54 | Property-type income ........................................................... | 311.4 | 318.1 | 344.4 | 351.8 | 374.9 | 25.9 | 25.1 | 25.5 | 24.4 | 24.3 |
| 55 | Government ............................................................................ | 873.6 | 902.7 | 933.5 | 964.1 | 996.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 56 | Compensation of employees ................................................... | 751.9 | 775.8 | 800.7 | 825.3 | 855.3 | 86.1 | 85.9 | 85.8 | 85.6 | 85.8 |
| 57 | Indirect business tax and nontax liability ....................................... |  | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 |
| 58 | Property-type income .................................................................. | 121.7 | 126.9 | 132.8 | 138.8 | 141.0 | 13.9 | 14.1 | 14.2 | 14.4 | 14.2 |

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

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

| Line |  | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Gross domestic product | 90.47 | 93.93 | 97.08 | 98.27 | 97.36 | 100.00 | 102.32 | 105.87 | 107.97 | 110.95 |
| 2 | Private industries | 89.09 | 93.30 | 96.84 | 97.68 | 96.79 | 100.00 | 102.73 | 107.31 | 110.25 | 113.47 |
| 3 | Agriculture, forestry, and fishing | 79.30 | 73.15 | 79.31 | 88.42 | 90.21 | 100.00 | 91.06 | 106.02 | 99.12 | 99.43 |
| 4 | Farms .................................. | 81.04 | 72.24 | 81.80 | 87.90 | 88.91 | 100.00 | 88.13 | 105.49 | 92.13 | 93.75 |
| 5 | Agricuttural services, forestry, and fishing ............................... | 74.64 | 75.56 | 72.97 | 89.57 | 93.50 | 100.00 | 98.97 | 109.55 | 115.93 | 118.06 |
| 6 | Mining | 93.63 | 113.21 | 100.64 | 105.03 | 105.65 | 100.00 | 104.46 | 111.16 | 117.46 | 110.51 |
|  | Metal mining ..................................................................., | 49.06 | 59.04 | 60.77 | 66.90 | 92.61 | 100.00 | 102.06 | 103.53 | 100.52 | 115.42 |
| 8 | Coal mining. | 73.33 | 80.50 | 83.59 | 88.49 | 89.93 | 100.00 | 102.07 | 114.13 | 116.09 | 122.36 |
| 9 | Oil and gas extraction | 100.93 | 127.22 | 107.90 | 113.02 | 110.99 | 100.00 | 105.50 | 111.07 | 119.44 | 106.73 |
| 10 | Nonmetallic minerals, except tuels ........................................ | 103.69 | 103.94 | 99.49 | 94.82 | 98.05 | 100.00 | 101.35 | 112.49 | 116.50 | 123.16 |
| 11 | Construction | 104.33 | 108.33 | 109.69 | 107.77 | 99.73 | 100.00 | 102.03 | 108.76 | 110.66 | 115.06 |
| 12 | Manufacturing | 97.94 | 104.46 | 103.98 | 102.48 | 98.74 | 100.00 | 103.50 | 112.18 | 119.75 | 124.45 |
| 13 | Durable goods | 98.54 | 107.43 | 106.90 | 104.72 | 99.06 | 100.00 | 106.10 | 117.08 | 127.53 | 136.99 |
| 14 | Lumber and wood products | 125.09 | 124.71 | 120.99 | 115.48 | 106.59 | 100.00 | 89.15 | 93.13 | 98.70 | 104.79 |
| 15 | Furniture and fixtures ...... | 104.34 | 104.01 | 104.27 | 97.75 | 92.22 | 100.00 | 110.23 | 111.25 | 115.15 | 116.02 |
| 16 | Stone, clay, and glass products | 93.73 | 97.93 | 102.26 | 101.74 | 91.39 | 100.00 | 97.60 | 107.59 | 110.48 | 116.05 |
| 17 | Primary metal industries ..... | 98.91 | 105.40 | 101.02 | 99.96 | 99.07 | 100.00 | 110.70 | 115.42 | 113.74 | 120.02 |
| 18 | Fabricated metal products | 103.15 | 110.11 | 107.36 | 103.59 | 97.37 | 100.00 | 104.75 | 120.69 | 128.04 | 134.21 |
| 19 | Industrial machinery and equipment .................................. | 83.65 | 97.50 | 103.19 | 104.18 | 95.32 | 100.00 | 105.91 | 121.08 | 151.44 | 171.27 |
| 20 | Electronic and other electric equipment .............................. | 79.25 | 86.44 | 94.03 | 93.79 | 97.29 | 100.00 | 120.00 | 147.85 | 178.07 | 220.51 |
| 21 | Motor vehicles and equipment .......................................... | 132.34 | 140.48 | 121.52 | 107.55 | 88.53 | 100.00 | 126.17 | 147.61 | 150.00 | 143.93 |
| 22 | Other transportation equipment ....................................... | 131.60 | 135.49 | 128.18 | 122.15 | 113.13 | 100.00 | 92.51 | 84.19 | 77.40 | 78.68 |
| 23 | Instruments and related products ..................................... | 90.74 | 110.37 | 104.11 | 108.13 | 107.00 | 100.00 | 89.74 | 83.19 | 78.56 | 70.65 |
| 24 | Miscellaneous manufacturing industries ............................. | 92.99 | 106.05 | 110.07 | 109.95 | 104.56 | 100.00 | 101.83 | 106.84 | 113.21 | 115.71 |
| 25 | Nondurable goods | 97.49 | 100.92 | 100.52 | 99.83 | 98.37 | 100.00 | 100.46 | 106.47 | 110.79 | 110.36 |
| 26 | Food and kindred products | 94.05 | 102.63 | 100.53 | 101.03 | 100.11 | 100.00 | 101.62 | 104.24 | 118.31 | 110.48 |
| 27 | Tobacco products ...... | 173.19 | 167.33 | 147.98 | 135.32 | 117.22 | 100.00 | 87.88 | 121.46 | 132.21 | 130.30 |
| 28 | Textile mill products. | 85.69 | 84.40 | 86.01 | 88.75 | 90.70 | 100.00 | 102.13 | 107.52 | 100.01 | 104.62 |
| 29 | Apparel and other textile products ................................... | 93.12 | 97.71 | 100.02 | 97.41 | 97.01 | 100.00 | 100.14 | 104.23 | 104.82 | 99.05 |
| 30 | Paper and allied products... | 93.82 | 98.34 | 95.49 | 96.33 | 97.37 | 100.00 | 109.44 | 113.75 | 99.01 | 103.30 |
| 31 | Printing and publishing... | 105.51 | 108.91 | 110.22 | 105.96 | 101.35 | 100.00 | 94.39 | 97.80 | 97.20 | 93.18 |
| 32 | Chernicals and allied products | 91.65 | 91.68 | 92.48 | 97.35 | 96.15 | 100.00 | 100.12 | 108.93 | 115.32 | 118.04 |
| 33 | Petroleum and coal products ................. | 128.47 | 131.54 | 118.32 | 100.74 | 100.20 | 100.00 | 98.56 | 97.87 | 113.93 | 119.63 |
| 34 | Rubber and miscellaneous plastics products ........................ | 76.86 | 81.23 | 90.62 | 90.40 | 92.76 | 100.00 | 108.33 | 119.18 | 126.57 | 133.62 |
| 35 | Leather and leather products ........................................... | 97.99 | 98.68 | 102.61 | 99.92 | 94.88 | 100.00 | 93.61 | 93.48 | 98.29 | 100.91 |
| 36 | Transportation and public utilities ......................................... | 85.86 | 88.56 | 89.76 | 93.00 | 96.99 | 100.00 | 104.40 | 110.50 | 112.33 | 115.18 |
| 37 | Transportation ...... | 90.91 | 90.16 | 90.14 | 91.67 | 96.23 | 100.00 | 104.29 | 111.17 | 112.05 | 114.52 |
| 38 | Rairoad transportation .................................................. | 85.09 | 90.21 | 81.55 | 84.68 | 98.39 | 100.00 | 104.35 | 117.35 | 125.70 | 140.31 |
| 39 | Local and interurban passenger transit | 102.81 | 95.25 | 98.83 | 94.61 | 96.33 | 100.00 | 100.68 | 101.45 | 110.13 | 112.27 |
| 40 | Trucking and warehousing ............................................. | 93.81 | 92.42 | 91.97 | 89.72 | 95.59 | 100.00 | 104.88 | 108.02 | 106.41 | 97.75 |
| 41 | Water transportation | 103.00 | 100.60 | 102.39 | 103.59 | 108.38 | 100.00 | 102.39 | 104.79 | 106.58 | 104.19 |
| 42 | Transportation by air ...................................................... | 81.14 | 78.75 | 80.59 | 91.96 | 91.59 | 100.00 | 102.88 | 119.67 | 115.93 | \$37.22 |
| 43 | Pipelines, except natural gas ............................................ | 122.63 | 110.44 | 111.66 | 97.99 | 106.45 | 100.00 | 107.05 | 98.51 | 109.77 | 102.86 |
| 44 | Transportation services | 87.29 | 92.66 | 98.87 | 98.30 | 98.02 | 100.00 | 107.35 | 110.74 | 118.36 | 122.60 |
| 45 | Communications ............. | 82.51 | 87.21 | 87.18 | 92.59 | 97.15 | 100.00 | 106.65 | 109.78 | 110.74 | 112.69 |
| 46 | Telephone and telegraph. | 84.86 | 88.66 | 87.46 | 92.97 | 96.44 | 100.00 | 103.01 | 106.36 | 105.21 | 108.87 |
| 47 | Radio and television ..................................................... | 71.21 | 80.44 | 86.00 | 90.90 | 100.10 | 100.00 | 121.20 | 123.45 | 132.53 | 128.27 |
| 48 | Electric, gas, and sanitary services ....................................... | 85.40 | 90.17 | 94.58 | 96.39 | 98.62 | 100.00 | 102.45 | 110.49 | 114.25 | 118.45 |
| 49 | Wholesale trade | 79.42 | 84.58 | 90.14 | 88.71 | 93.79 | 100.00 | 102.48 | 110.37 | 112.57 | 121.39 |
| 50 | Retail trade | 93.55 | 98.77 | 101.67 | 100.38 | 98.13 | 100.00 | 104.02 | 110.44 | 114.36 | 119.15 |
|  | Finance, insurance, and real estate | $\begin{array}{r}88.48 \\ 107 \\ \hline\end{array}$ | 93.16 10719 | $95.98$ | $\begin{array}{r}96.61 \\ 107.39 \\ \hline\end{array}$ | 96.32 10324 | 100.00 100.00 | 102.30 99.25 | $\begin{array}{r}104.27 \\ 98.45 \\ \hline\end{array}$ | 107.25 96.66 | 109.63 |
| 52 | Depository institutions ..... | 89.14 | 89.14 | 88.40 | 90.37 | 93.33 | 100.00 | 113.83 | 119.75 | 115.06 | 95.96 124.94 |
| 54 | Security and commodity brokers | 80.06 | 78.61 | 87.67 | 83.29 | 76.72 | 100.00 | 132.00 | 167.57 | 165.41 | 186.17 |
| 55 | Insurance carriers ... | 67.54 | 80.08 | 85.54 | 84.22 | 97.11 | 100.00 | 109.75 | 109.50 | 126.08 | 132.10 |
| 56 | Insurance agents, brokers, and service ................................. | 96.99 | 101.12 | 98.55 | 103.51 | 98.82 | 100.00 | 100.61 | 105.46 | 106.76 | 110.61 |
| 57 | Real estate ................................................................... | 86.75 | 92.17 | 95.04 | 96.18 | 96.42 | 100.00 | 100.25 | 103.20 | 105.54 | 107.96 |
| 58 | Nonfarm housing services. | 87.25 | 90.39 | 93.31 | 94.97 | 96.98 | 100.00 | 99.80 | 103.59 | 106.22 | 107.83 |
| 59 | Other real estate | 85.02 | 96.73 | 99.47 | 99.11 | 94.26 | 100.00 | 101.59 | 102.00 | 103.45 | 108.40 |
| 60 | Holding and other investment oftices ................................... | 88.41 | 93.57 | 97.42 | 100.00 | 103.86 | 100.00 | 104.72 | 105.15 | 102.15 | 102.15 |
| 61 | Services ... | 86.72 | 91.53 | 95.72 | 98.41 | 97.78 | 100.00 | 101.89 | 104.64 | 108.16 | 111.83 |
| 62 | Hotels and other lodging places .......................................... | 83.82 | 89.24 | 94.06 | 96.50 | 96.69 | 100.00 | 101.62 | 106.64 | 108.72 | 109.50 |
| 63 | Personal services | 96.67 | 107.25 | 104.30 | 101.77 | 98.07 | 100.00 | 104.02 | 103.90 | 103.57 | 105.64 |
| 64 | Business services. | 82.07 | 87.38 | 93.78 | 98.90 | 96.11 | 100.00 | 106.99 | 112.89 | 123.95 | 135.08 |
| 65 | Auto repair, services, and parking ....................................... | 97.82 | 103.67 | 101.83 | 105.67 | 101.82 | 100.00 | 100.03 | 104.33 | 104.23 | 108.14 |
| 66 | Miscellaneous repair services .............................................. | 105.12 | 117.14 | 123.92 | 122.59 | 109.18 | 100.00 | 97.50 | 95.54 | 96.97 | 90.57 |
| 67 | Motion pictures ............................................................... | 94.55 | 96.40 | 116.02 | 110.59 | 104.06 | 100.00 | 116.08 | 109.29 | 119.56 | 131.06 |
| 68 | Amusement and recreation services .................................... | 72.55 | 76.55 | 82.94 | 89.43 | 90.31 | 100.00 | 96.12 | 99.12 | 103.69 | 107.67 |
| 69 | Heatth services .............................................................., | 91.45 | 92.40 | 94.04 | 96.70 | 98.34 | 100.00 | 98.96 | 100.17 | 100.69 | 102.04 |
| 70 | Legal services ................................................................ | 92.45 | 100.44 | 101.11 | 101.46 | 98.48 | 100.00 | 96.73 | 95.45 | 94.85 | 94.45 |
| 71 | Educational services ....................................................... | 90.19 | 92.58 | 94.45 | 95.74 | 99.60 | 100.00 | 102.75 | 105.84 | 107.18 | 109.55 |
| 72 | Social services ...... | 71.86 | 76.57 | 82.92 | 88.20 | 94.05 | 100.00 | 106.05 | 112.92 | 118.48 | 121.78 |
| 73 | Membership organizations ................................................. | 81.42 | 87.08 | 93.14 | 98.28 | 99.09 | 100.00 | 104.76 | 108.11 | 109.22 | 110.61 |
| 74 | Other services ................................................................ | 80.58 | 89.01 | 97.64 | 98.89 | 97.91 | 100.00 | 103.44 | 108.15 | 113.85 | 118.93 |
| 75 | Private households ............................................................. | 88.46 | 94.26 | 99.65 | 101.38 | 93.65 | 100.00 | 102.52 | 102.92 | 106.92 | 100.06 |
| 76 | Government .......................................................................... | 92.72 | 94.90 | 97.04 | 99.25 | 100.01 | 100.00 | 100.25 | 100.53 | 100.44 | 100.06 |
| 77 | Federal ............................................................................ | 98.28 | 99.16 | 100.09 | 101.96 | 102.16 | 100.00 | 98.03 | 95.50 | 92.44 | 90.43 |
| 78 | General government ....................................................... | 99.22 | 99.89 | 100.67 | 102.15 | 102.42 | 100.00 | 97.58 | 94.18 | 90.44 | 87.79 |
| 79 | Government enterprises ....................................................... | 92.63 | 94.79 | 96.67 | 100.88 | 100.65 | 100.00 | 100.80 | 103.40 | 104.30 | 105.70 |
|  | State and local .................................................................. | 89.50 | 92.44 | 95.28 | 97.69 | 98.76 | 100.00 | 101.54 | 103.45 | 105.07 | 105.64 |
| 81 | General government ........................................................ | 89.22 | 92.23 | 95.13 | 97.60 | 98.72 | 100.00 | 101.56 | 103.47 | 105.05 | 105.65 |
| 82 | Government enterprises ...................................................... | 92.63 | 94.71 | 96.95 | 98.58 | 99.25 | 100.00 | 101.30 | 103.20 | 105.30 | 105.60 |

Table 10.-Real Gross Domestic Product by Industry, 1992-96
[Bililions 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 | Agricuture, foresty, and fishing ............. | 1124 | 102.3 | 119.1 | 111.4 | 111.7 |
| 4 | Farms ............................................ | 80.5 | 70.9 | 84.9 | 74.2 | 75.5 |
| 5 | Agricultural senvices, forestry, and fishing .................................................... | 31.9 | 31.6 | 34.9 | 37.0 | 37.6 |
| 7 | Mining ....................................................................................... | 922 | 96.4 | 102.5 | 108.4 | 101.9 |
| 7 | Metal mining ........................................................................................ | $\begin{array}{r}5.5 \\ 13.6 \\ \hline\end{array}$ | 5.6 13.8 | $\begin{array}{r}5.7 \\ 15.5 \\ \hline\end{array}$ | 5.5 | 6.3 |
| 8 |  | 13.6 65.0 | 13.8 68.6 | 15.5 72.2 | 715.7 | 16.6 69.4 |
| 10 | Nonmetalic 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 | Manutacturing | 1,063.6 | 1,100.8 | 1,193.2 | 1,773.7 | 1,323.7 |
| 13 | Durable goods ................................................. | 573.4 | 608.3 | 671.3 | 731.2 | 785.5 |
| 14 15 15 | Lumber and wood products ...................................................................... | 32.0 <br> 162 | 28.5 | 29.8 180 | 31.6 <br> 187 <br> 187 | 33.6 |
| 16 | Stone, clay, and glass products ........... | 25.1 | 24.5 | 27.0 | 27.7 | 29.1 |
| 17 | Primary metal industries .................... | 39.0 | 43.2 | 45.0 | 44.4 | 46.8 |
| 18 | Fabricated metal products .......................................................................... | 70.1 | 73.4 | 84.5 | 89.7 | 94.0 |
| 19 | Industrial machinery and equipment ...................................................... | 108.6 | 115.1 | 131.5 | 164.5 | 186.1 |
| 20 | Electronic and other electric equipment ................................................... | 98.6 | 118.3 | 145.8 | 175.6 | 217.4 |
| 21 | Motor vehicles and equipment ......................................................... | 52.8 | 66.7 | 78.0 | 79.3 | 76.1 |
| ${ }^{22}$ | Other transportation equipment .......................................................... | 56.5 | 52.3 | 47.6 | 43.8 | 44.5 |
| $\begin{array}{r}23 \\ 24 \\ \hline\end{array}$ | Instruments and related procucts ...................................................... | 54.2 | 48.7 | 45.1 215 | ${ }_{22.8}$ | 38.3 |
| 25 |  | 490.3 | 492.5 | 522.0 | 543.2 | 541.0 |
| 26 | Food and kindred products .............. | 102.1 | 103.8 | 106.5 | 120.9 | 112.9 |
| 27 | Tobacco products .................................................................... | 18.4 | 16.1 | 22.3 | 24.3 | 23.9 |
| 28 | Textie mill products .-...................................................................... | 25.4 | 26.0 | 27.3 | 25.4 | 26.6 |
| 29 | Apparel and other textile products ........................................................... | 27.2 | 27.2 | 28.3 | 28.5 | 26.9 |
| 30 | Paper and allied products ..................................................................... | 45.8 | 50.2 | 72.1 | 45.4 | 47.3 |
| 31 | Printing and publishing ...................................................... | 79.7 | 75.3 | 78.0 | 77.5 | 74.3 |
| 33 | Chemicals and alied products ............................................................ | 28.2 | 27.8 | 27.6 | ${ }_{32.2}$ | ${ }_{33.8}$ |
| 34 | Rubber and miscelianeous plastics products .................................................................................... | 38.1 | 41.3 | 45.4 | 48.2 | 50.9 |
| 35 | Leather and leather products .............................................................. | 4.8 | 4.5 | 4.5 | 4.7 | 4.8 |
| 36 | Transportation and public utilities .............................................................. | 528.7 | 551.9 | 584.1 | 593.8 | 608.9 |
|  | Iransportation ....................................... | 192.8 | 201.1 | 214.3 | 216.0 | 220.8 |
| 38 |  | 22.1 10.9 | 11.0 | 11.0 | 12.0 | 31.0 12.2 |
| 40 | Trucking and warehousing .................................................................. | 82.2 | 86.2 | 88.7 | 87.4 | 80.3 |
| 41 | Water transportation .................................................................. | 10.3 | 10.5 | 10.8 | 11.0 | 10.7 |
| 42 | Transportaion by air ............................................................. | 43.0 | 44.2 | 51.4 | 49.8 | 59.0 |
| 43 | Pipelines, except natural gas ............................................................... | 4.9 | 5.2 | 4.8 | 5.4 | 5.0 |
| 44 | Transportation serrices ............................................................................. | 19.6 | 21.0 | 21.7 | 23.2 | 24.0 |
| 45 | Communications ........... | 161.1 | 81.8 | 176.9 | 18.4 | 181.6 |
| 46 | Telephone and telegraph ..................................................................... | 129.7 | ${ }_{3}^{133.6}$ | 137.9 388 | 136.4 | 141.2 |
| 48 |  | 174.7 | 179.0 | 193.1 | 199.6 | 207.0 |
| 49 | Wholesale trade | 406.4 | 416.5 | 448.6 | 457.5 | 493.3 |
| 50 | Retail trade ........... | 544.3 | 566.2 | 601.2 | 622.5 | 648.5 |
|  | Finance, insurance, and real estate ......................................... | 1,147.9 | 1,174.3 | 1,196.9 | 1,231.1 | 1,258.5 |
| $\begin{aligned} & 52 \\ & 53 \end{aligned}$ | Depository institutions | 200.1 28.3 | 198.6 32.3 | 197.0 33.9 | ${ }^{193.4}$ | 192.0 354 |
| 54 |  | 49.5 | 65.3 | 83.0 | 81.9 | 92.2 |
| 55 | Insurance carriers ............................................ | 83.4 | 91.5 | 91.3 | 105.1 | 110.1 |
| 56 | Insurance agents, brokers, and service ............................................ | 39.5 | 39.7 | 41.6 | 42.1 | 43.6 |
| 57 | Real estate $\rightarrow$, | 734.9 | 736.7 | 758.3 | 775.6 | 793.3 |
| 5 |  | 7353.5 181.4 | 184.3 | 185.0 | 187.7 | 196.6 19 |
| 60 | Holding and other investment omices ...................................................................... | 12.3 | 12.9 | 12.9 | 12.6 | 12.6 |
|  | Services ......................................................................... | 1,200.8 | 1,223.5 | 1,256.5 | 1,298.8 | 1,342.9 |
| 62 | Hotels and other lodging places .................................. | 51.0 | 51.8 | 54.4 | 55.4 | 55.8 |
| 63 |  | 41.0 | 42.6 | 42.6 | 47.4 | 43.3 |
| 64 | Business services... | 218.9 | 234.2 | 247.3 | 271.3 | 295.7 |
| ${ }_{66}^{65}$ | Auto repair, services, and parking .................................................... | 51.1 | 51.1 | 53.3 | 53.3 | 55.3 |
| 67 | Miscellaneous | 20.0 | 17.2 | 16.7 21.8 | 17.0 | 15.9 |
| 68 | Amusement and recreation senices ......................................................... | 47.9 | 46.0 | 47.5 | 49.7 | 51.6 |
| 69 | Heath services .......................................................................... | 369.1 | 3652 | 369.7 | 371.6 | 376.6 |
| 70 | Legal services ..................... | 90.1 | 87.2 | 86.0 | 85.5 | 85.1 |
| 71 | Educational services ................................................................................... | 46.3 | 47.5 | 48.9 | 49.6 | 50.7 |
| 72 | Social services .-.............................................. | 36.9 | 39.1 | 41.6 | 43.7 | 44.9 |
| 73 | Membership organizations ....................................................................... | 38.9 | 40.8 | 42.1 | 42.5 | 43.1 |
| 74 75 |  | 162.2 | 167.8 | 175.4 | 184.6 | 192.9 |
|  | Private households ................................................................................ | 10.1 | 10.3 | 10.4 | 10.8 | 10.1 |
| 76 |  | 44.8 | 51.3 | 13.9 | -26.3 | -54.7 |
| 77 | Government ......... | 873.6 | 875.8 | 878.3 | 877.4 | 874.1 |
|  |  | 321.4 | 315.1 | 306.9 | 297.1 | 290.6 |
|  | General govermment ............................................................................. | 274.4 | 267.7 | 258.4 | 248.1 | 240.9 |
|  |  |  |  |  |  |  |
|  | State and local .......... | 552.2 | 560.7 | 571.3 | 580.3 | 583.4 |
|  | General government ... | 506.6 | 514.5 | 524.2 | 532.2 | 535.2 |
|  | Government enterprises ............................................................................ | 45.6 | 46.2 | 47.1 | 48.0 | 48.2 |
| 84 | Hot 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.
. 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-lype 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
[Bililions of dollars]

| Year | $\begin{aligned} & \text { Gross } \\ & \text { domestic } \\ & \text { producct } \end{aligned}$ | Private industries |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | $\underset{\substack{\text { Govern- } \\ \text { ment }}}{\text { a }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Total | Agircollue,cotestry,fandfishing | Ming | Con- | Manulacturing |  |  | Transporation and public utitios |  |  |  | Wholesale trade | $\begin{aligned} & \text { haiail } \\ & \text { a } \end{aligned}$ | Finance, insurance,and real estate | Serices | $\begin{aligned} & \text { Statistical } \\ & \substack{\text { discreal. } \\ \text { ancy }} \end{aligned}$ |  |
|  |  |  |  |  |  | Total | Durable goods | $\begin{aligned} & \text { Non- } \\ & \text { durable } \\ & \text { goods } \end{aligned}$ | Total | $\underset{\substack{\text { Transpor- } \\ \text { tation }}}{ }$ | Communi- cations | $\begin{aligned} & \text { Electictic, } \\ & \text { gasan and } \\ & \text { sanativit } \end{aligned}$ service |  |  |  |  |  |  |
| 1947 | 24.6 | 214.1 | 20.8 | 6.8 | 9.1 | 66.2 | 33.5 | 32.7 | 21.0 | 14.1 | 3.1 | 3.8 | 16.6 | 27.6 | 24.0 | 20.1 | 1.9 | 30.5 |
| ${ }^{1948} 19$. | ${ }_{2678}^{2697}$ | 239.5 <br> 2362 | 24.0 <br> 19.4 <br> 1 | 8.4 | ${ }_{1115}^{11.5}$ | 74.7 | ${ }_{371}^{38.2}$ | 36.6 | 23.7 239 | 15.6 149 |  | 4.3 | ${ }^{188} 8$ | ${ }_{30,1}^{30,}$ |  |  |  | 30.3 |
| ${ }_{1959} 19$ | 294.6 | 262.8 | 20.7 | 9.3 | 13.2 | 84.1 | 45.9 | 38.2 | ${ }_{26.6}$ | 16.6 | 4.6 | 5.4 | 19.8 | 31.7 | 32.2 | 24.2 | 1.1 | 31.8 31.8 |
| 1951 | 339.7 | 300.7 | 23.8 | 10.2 | 15.6 | 99.1 | 55.6 | 43.5 | 30.2 | 18.8 | 5.2 | 6.2 | 22.5 | 34.3 | 35.6 | 26.4 | 3.1 | 39.0 |
| 1952 | 358.6 | 314.1 |  | 10.2 | 16.9 | ${ }^{103.4}$ | 59.0 | 44.3 | 32.1 | 19.6 | 5.8 | ${ }^{6.8}$ | 22.7 | 36.3 | 39.3 | 28.2 | 1.9 | $\stackrel{44.5}{465}$ |
| ${ }_{1953} 1$. | ${ }_{389} 37.7$ | ${ }_{3330} 3$ | 21.7 | 10.8 | 1775 | ${ }^{1212.4}$ | 66.1 | ${ }_{458}$ | 34.4 33 | ${ }_{189}^{20.3}$ | ${ }^{6.4}$ | 7.4 | ${ }_{23,5}$ | ${ }_{38,1}$ | ${ }_{473}$ |  | 3.0 | 46.5 |
| ${ }_{1955} 1$ | ${ }_{4}$ | ${ }_{364.3}$ | 19.8 | 12.5 | 19.0 | 121.4 | 70.8 | 50.5 | 36.7 | 20.6 | 7.2 | 8.9 | 26.6 | 40.5 | 512 | 35.2 | 1.4 | 50.8 |
| 1956 ... | 438.0 | 383.8 | 19.7 | 13.6 | 21.2 | ${ }^{127.4}$ | 74.0 | 53.5 | 39.5 | 22.0 | 7.9 | 9.7 | 29.0 | 42.4 | 54.8 | 38.7 | ${ }_{-2.6}$ | 54.2 |
| 1957 | 46.0 | 403.1 | 19.6 | ${ }^{13.7}$ | 22.1 | 132.0 | 78.0 | 54.0 | 41.6 | ${ }^{22.7}$ | 8.5 | 10.3 | 30.5 | 4.6.6 | 58.9 | 41.8 | $-1.7$ | 57.9 615 |
| 1958. | 467.3 | ${ }_{4424}^{465.8}$ | 20.9 | 12.7 <br> 12.5 <br> 1 | - | +124.5 | ${ }_{817} 70.1$ | ${ }_{58,6}^{54.6}$ | 4.17 | 21.6 | ${ }_{0} 0.1$ | 12.2 | 36.0 | ${ }_{49.1}$ | ${ }_{69.6}$ | 44.1 | -9 | 64.8 64.8 |
| ${ }_{1956}^{1959}$ | 526.6 | 457.7 | ${ }_{21.4}$ | 12.9 | ${ }_{24,2}$ | ${ }_{142.5}$ | 82.6 | 59.8 | 47.2 | ${ }_{23.0}$ | 10.8 | ${ }_{12,3}$ | ${ }^{37.6}$ | 50.4 | ${ }_{73,2}$ | ${ }_{51.6}$ | --3, | ${ }_{68.9} 64.9$ |
| 1961. | 544.8 | 471.8 | 21.7 | 13.0 | 25.2 | 142.9 | 81.7 | 61.3 | 48.7 | ${ }^{23.3}$ | 11.4 | 14.0 | 38.7 | 51.7 | 77.7 | 55.0 | -2.8 | ${ }^{73.0}$ |
|  | 585.2 | 507.15 | 22.1 | 132 | 27.0 | ${ }^{156.7}$ | 92.1 | 64.6 | 51.8 | 24.6 | 12.3 | 14.9 <br> 156 | 41.3 | 5554 | 82.2 868 | 59.3 | -1.8 | 78.2 |
| ${ }_{9} 963$ | 617.4 | ${ }_{5729}^{53.5}$ | ${ }_{21,4}$ | 13.9 | 31.5 | 177.9 | 105.9 | 72.0 | 58.1 | 27.2 | 14.4 | ${ }_{16.5}$ | 46.3 | 6.5 | ${ }_{92.7}$ | ${ }_{69.1}$ | -1.5 |  |
| 1965 | 799.1 | 622.9 | 24,2 | 14.0 | 34.6 | 196.3 | 118.8 | 77.5 | 62.2 | 29.4 | 15.5 | 17.3 | 49.9 | 68.0 | 99.7 | 74.7 | -.8 | 96.3 |
|  | ${ }_{83736}^{78,8}$ | 680.9 7157 7 | ${ }_{24.9}^{25.4}$ | 14.7 <br> 15.2 | 37.7 <br> 39.5 | 215.3. | ${ }_{\text {cher }}^{134.1}$ | 84.3 <br> 86.7 | ${ }_{70.4}^{67.4}$ | 31.8 <br> 32.7 | 16.9 <br> 18.3 <br> 1 | 18.4 19.4 18 | 547.7 | ${ }_{78.2} 7$ | 1078 <br> 117.8 <br> 17.0 | 88.7 <br> 90.8 | ${ }_{1.3}^{3.3}$ | 106.9 117.9 |
| ${ }_{1968} 1 \times$ | ${ }_{9} 93.6$ | 779.4 | 25.7 | 16.3 | 43.3 | 241.1 | 146.3 | 94.8 | 76.2 | 35.3 | 19.8 | 21.1 | 63.3 | 86.6 | 126.6 | 99.4 |  |  |
| 1969 |  | 838.9 | 28.6 | 1 | 48.4 | 254.4 | 154.4 | , | 82.5 | 37.7 | 22.1 |  | 68.4 | 94.2 | 136.1 | 10.8 | -1.5 | ${ }^{143.3}$ |
| 1970 | 1,035 | 878.0 | 29.8 |  | 51.1 | ${ }_{263,}^{249.6}$ | ${ }^{146.2}$ | ${ }^{103.4} 1$ | ${ }_{972}^{88.1}$ | 39.7 | 24.4 | 24.0 | 72.1 | 1100.2 | 146.0 | ${ }^{120.5}$ | 1.9 | 157.6 1717 |
| 1971 |  | 953.6 | 32.1 | 18.9 197 | 56.1 | ${ }_{200.5}^{26.0}$ | 154.2 <br> 172.6 <br>  |  | 108.3 | ${ }_{48.1}$ | ${ }_{30} 26$ | ${ }^{29.9}$ | 87.0 | ${ }_{11818.8}$ | 162.8 <br> 176.2 |  | 4 |  |
| ${ }^{1972}$.... | +1,382.6 | ${ }^{7}$ | ${ }_{54.8}$ | ${ }_{23.8}$ | 69.7 | 323.5 | 195.7 | ${ }_{127.8}$ | 119.2 | 53.2 | 33.7 | 32.3 | 97.6 | 130.9 | 192.9 | 163.1 | 3.4 | ${ }_{203.8}$ |
| 1974 | 1,996.9 | 1 1272.1 | 53.0 | 37.1 | ${ }^{73.6}$ | 337.4 | 202.2 | 135.3 | 129.8 | 58. | 36.9 | 34.0 | 11.0 | 1366.7 | 208.7 | 179.3 | 5.5 | ${ }^{224.8}$ |
| 1975 | 1,630.6 | ${ }^{1,381.4}$ | 54.7 <br> 53.5 | ${ }_{476}^{42.8}$ | 75 | 354.5 | ${ }^{207.9}$ | 14778 <br> 165,6 | 142.2 <br> 161.2 <br> 102 <br> 1 | 59.2 | 40.6 | ${ }_{475}$ | 退 121.0 | ${ }^{12572}$ | ${ }_{250}^{226.6}$ | 199.1 | 12.1 | ${ }_{2712}^{24.3}$ |
| 1977 | ${ }_{2}, 2026.9$ | ${ }^{1,733,3}$ | 54.1 | 54.1 | 99.8 | 462.6 | 277.6 | 185.0 | 179.1 | 76.2 | 50.0 | 52.9 | 142.2 | 190.2 | 283.4 | 255.5 | 18.2 | 293.5 |
| 1978 .-7.. | 2,291.4 | ${ }^{1,971.6}$ | ${ }_{7}^{63.15}$ | ${ }_{712}^{61.5}$ | 110.6 <br> 124 <br> 1 | 517.1 | ${ }^{316,9}$ | ${ }_{2029}^{2029}$ | 20.2 | 88.9 | 56.5 | 598.8 | ${ }^{160.9}$ | ${ }_{215.6}^{215.6}$ | 328.0 | 4.6 | ${ }^{18.1}$ | 19.8 |
| ${ }_{1989} 197$. | ${ }_{2}^{2} 884.5$ | ${ }^{2} 2.399 .8$ | 66.7 | 112.7 | ${ }_{128.6}$ | 584.4 | ${ }_{348.7}$ | 235.7 | 242.1 | 102.9 | 66.7 | 70.5 | 195.2 | ${ }_{245.9}^{24.9}$ | 418.3 | 377.3 | ${ }_{27.6}$ | 385.5 |
| 1981 | 3,115.9 | 2,689.4 | 81.1 | 151.7 | ${ }^{129.6}$ | 662.1 | 388.1 | 26400 | ${ }^{276,2}$ | 111.3 | 7978 | ${ }_{85} 8.1$ | ${ }^{216.3}$ | 270.4. | 470.9 | 426.2 | 14.9 | 426.5 |
| ${ }_{1983}^{1983} . .$. | ${ }_{3,514.5}$ | ${ }^{2,022.1}$ | 62.5 | ${ }_{1}{ }_{127.5}$ | ${ }_{138.9}$ | ${ }_{6} 690.2$ | 397.3 | ${ }_{292.8}$ | 328.1 | ${ }_{1019.8}$ | ${ }_{97}^{89.7}$ | ${ }_{1510.6}$ | ${ }_{229.1}$ | 321.9 | 565.3 | 521.5 | ${ }_{37,1}$ | 492.4 |
|  | 3.902 .4 | 3,368.6 | 83.5 | ${ }^{134.2}$ | 165.0 | 780.6 | 469.5 | 311.1 | 357.8 | ${ }^{13550}$ | 102.2 | ${ }^{120.6}$ | 20, | ${ }^{362.2}$ | 625.6 | 590.4 | 5.0 | 533.8 |
| 1985 | 4,180.7 | 3,602.0 | 84.3 | ${ }^{132.8}$ | ${ }^{1850.5}$ | 803.1 | 477.1 | ${ }^{326.0}$ | 376.6 | 139.9 | 111.3 | ${ }^{125.4}$ | ${ }^{280,7}$ | 395.0. | ${ }^{690.6}$ | 651.1 | 2.4 | 578.6 |
| 1986 | 4 | 3,8072 | 82.5 | ${ }_{88,}^{86.3}$ | ${ }_{217.0}^{20.3}$ | ${ }_{8}^{838.2}$ | ${ }_{513.3}$ | ${ }^{3459.9}$ | ${ }_{420.5}$ | 148.0 <br> 157.9 | ${ }_{124.9}$ | ${ }^{130.7}$ | ${ }_{300.8}^{293.5}$ | ${ }_{435.8}$ | ${ }_{829.9}$ | ${ }_{784.6} 712.2$ | - | ${ }_{659.2}^{615.0}$ |
| ${ }_{1988} 19$. | 5,049.6 | $4,54.6$ | ${ }_{88.9}$ | 99.9 | 233.4 | 977.5 | 556.6 | 414.8 | 443.4 | 168.5 | ${ }^{132,3}$ | ${ }_{1426}^{142.6}$ | ${ }^{336.3}$ | 459.3 | 89.4 | ${ }^{877.8}$ | 47.3 | 694.9 |
| ${ }^{1999} 9$. | ${ }_{5}^{5} 5$ | ${ }^{4,699.4}$ | 1019 | ${ }^{96.3}$ | ${ }_{2452}^{242.2}$ | -1,013.5 | 574.9 <br> 572.8 | ${ }_{458.6}^{438.6}$ | 460.9 | 170.8 <br> 176.4 |  | ${ }^{155.8}$ | ${ }_{3}^{3567.2}$ | 490.2 <br> 503.5 | 959.3 | 9655.5 | 13.2 <br> 17.4 <br> 1 | ${ }_{7925} 73.2$ |
| ${ }_{1999}^{199}$ | 5,96.7 | ${ }^{\text {5,077.2 }}$ | 102.9 | 10.15 | ${ }_{2298}^{24.8}$ | 1,0289, | 558.3 | 469.8 | 511.6 | 185.8 | ${ }^{154.2}$ | ${ }^{171.5}$ | ${ }_{388.1}$ | 517.4 | 1.081 .6 | 1,1076 | 10.1 | 839.5 |
| ${ }_{1993}^{1992}$ - | 66.24.4.4 | ${ }_{5}^{5,655.4}$ | 112.4 106.4 10 | $\xrightarrow{924.6}$ | 229.4. | ${ }^{1,110.63 .6}$ | 573.4 <br> 615.7 | 490.3. | 528.7 <br> 5617 | 1203.3 | ${ }_{165.6}$ | ${ }_{872.8}$ | ${ }_{423.3}$ | 543.2 | 1,218.1 | ,1,267.0 | 52.6 | ${ }_{902.7}$ |
| 1994 | 6.947 .0 | ${ }^{6}$ 6,013,5 | 119.2 | 94.9 | 268.7 | ${ }^{1,216.1}$ | 679.2 | ${ }_{5}^{536.9}$ | 598.7 | 219.9 | ${ }^{184.6}$ | 194.2 | 468.0 | ${ }_{6} 65.3$ | ${ }^{1,2676}$ | +,350.4 | 14.6 | 933.5 |
| ${ }_{1995}^{1995} . . .$. | ${ }_{7,536.0}^{7265}$ | ${ }_{\text {6, }}^{\substack{6,309.8}}$ | 111.0 | 19,8 113.6 | ${ }_{36,1}^{286.4}$ | 1,3,32.1 | 749.0 | ${ }_{563.1}$ | ${ }_{645}^{624}$ | ${ }_{235.1}^{228.1}$ | ${ }_{200.3}$ | 220.0 | ${ }_{516.8}^{484.6}$ | 667.9 | 1,448.5 | 1,539.5 | -59.9 | 999.3 |

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

NOTE.-Estimates for 1977-86 are shown on the basis of the 1972 Standard industrial Classification (SIC). Esti-
mates for 1987-96 are shown on the basis of the 1987 SIC.
Table 12.-Real Gross Domestic Product by Industry Group, 1977-96 [Bililions of chained (1992) dollars]

| Year | $\begin{gathered} \text { Gross } \\ \text { domestic } \\ \text { product } \end{gathered}$ | Pivate industries |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | covers. | $\begin{aligned} & \text { Not } \\ & \begin{array}{c} \text { allocaled } \\ \text { Bindy } \\ \text { industry } \end{array} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | rotal | $\begin{gathered} \text { Agit. } \\ \text { citure, } \\ \text { tofersty, } \\ \text { fasting } \\ \text { fishing } \end{gathered}$ | Mining | $\begin{gathered} \text { Con- } \\ \text { stuction } \end{gathered}$ | Manutacturing |  |  | Transportaion and public utilities |  |  |  | Wholesaletrade | $\begin{aligned} & \text { Retail } \\ & \text { tace } \end{aligned}$ | $\begin{aligned} & \text { Finance. } \\ & \text { insil. } \\ & \text { ance. } \\ & \text { and eal } \\ & \text { estaial } \end{aligned}$ | Senices |  |  |  |
|  |  |  |  |  |  | Total | $\begin{aligned} & \text { Durable } \\ & \text { goods } \end{aligned}$ | $\begin{array}{\|l\|l\|} \substack{\text { Non- } \\ \text { durabe } \\ \text { gopods }} \end{array}$ | Total | $\begin{gathered} \text { Transpor- } \\ \text { tation } \end{gathered}$ | Communications |  |  |  |  |  |  |  |  |
| ${ }^{1977}$. | 4,273.6 | ${ }^{3,5929} 3$ | 57.3 | ${ }_{8}^{824} 8$ | ${ }_{212}^{2128}$ | 796.5 <br> 8365 | 4351. 4617 | 361.9 374.0 | ${ }_{3688}^{3468}$ | 140.4 <br> 166.4 |  | 132.0 1310 131 | 201.0 215.5 | ${ }_{389.9}^{364 .}$ | ${ }_{7}^{746.7}$ | ${ }_{712.5}^{759}$ | 37.3 345 | 7774 | -4.4 |
| ${ }_{1979}^{1978}$ | $4,503.0$ 46306 |  | $\stackrel{55.4}{59.4}$ | ${ }_{73.6}^{84.6}$ | 221.2 | -836.5 | ${ }_{4}^{461.7}$ | 374.0. | 362.8 <br> 378.7 | ${ }_{1}^{146.4} 1$ |  | 131.0 <br> 131.0 | ${ }_{228.2}^{215.5}$ |  |  |  |  |  | 23.2 |
| 1980 | 4.685 .0 | 3,869.7 | 58.2 | 82.0 | 214.7 | ${ }_{822.6}$ | 451.2 | 371.5 | 335.0 | 149.3 | 106.5 | 131.2 | 2280 | 374.5 | 862.8 | 810.8 | 44.5 | 748.8 | $-17.0$ |
|  | $4,720.7$ | ${ }^{3,95650}$ |  | 81.4 788 | ${ }^{195.4}$ | -858.5 | ${ }_{4}^{468.6}$ | ${ }_{396.5}^{390 .}$ | 3391.0 <br> 3796 | 144.1 1409 | 113.8 | ${ }^{136.1}$ | ${ }_{246.5}^{24.1}$ | ${ }^{388.2}$ | ${ }_{8788}^{878.1}$ | ${ }_{8}^{830.0}$ | 22.0 | 749.4 | ${ }_{34}^{11.7}$ |
| 1982 | 4,462037 | ${ }_{4}^{3,564.8}$ | 76.0 | ${ }_{73,7}$ | ${ }_{1810}$ | ${ }_{856.7}$ | 448.3 | ${ }_{4}^{363.3}$ | ${ }^{3} 505$ | ${ }_{1559}$ | ${ }_{121.6}$ | ${ }^{126.3}$ | ${ }_{2515}^{24.5}$ | ${ }_{4226}$ | ${ }_{9000}$ | ${ }_{8628}^{838.1}$ | -3.4 | 745 |  |
|  |  | ${ }_{4}^{4,354,6}$ | 73.2 | 82.0 | 210.1 | 948.1 | 521.8 | 426.1 | 42.1 | 166.9 |  | ${ }^{138.8}$ | 2866.8 | ${ }_{465.0}$ | 945.0 | ${ }_{920.8} 8$ | 6.5 |  |  |
| ${ }_{1985}$ | ${ }_{5}^{5} 53.32 .5$ | 4.541.5 | 85.4 | 87.1 | 232.9 | 976.4 | 534.6 | 442.1 | 423.8 | 165.6 | 120.3 | 140.4 | 298.1 | 496.8 | 968.1 | ${ }_{9663.9}$ | 3.0 | 77.9 | 7.3 |
| 1986 | 5.487.7 | 4,656.2 | 85.9 | 83.6 | 239.0 | 967.6 | 527.4 | 441.0 | 421.7 | 169.2 | 119.7 | 136.4 | 333.0 | 526.6 | 969.0 | 996.8 | 28.6 | 795.7 | 35.8 |
|  | 5,649.5 | 4,884.9 | 89.1 | 86.4 | 239.6 | 1.041 .7 | ${ }^{5655.0}$ | 477.9 | 453.9 | 1775 | 132.9 | 149.2 | 32.8 | 599.2 | 1,0159.7 | 1,041.4 | -18.4 | 810.0 | ${ }^{53,4}$ |
|  |  | ${ }_{5}^{5} 5.201 .2$ | ${ }_{89} 8.1$ | ${ }_{92.8}^{104.4}$ | ${ }_{251.9}^{24.8}$ | ${ }^{1,1060.0}$ | ${ }_{6}^{615.9}$ | ${ }_{492.8}^{494.8}$ | 474.5 | ${ }^{177.8}$ | ${ }_{140.5}$ | ${ }_{1656.3}$ | ${ }_{366.3}$ |  | +1,099.4 | $1,149.5$ | ${ }^{\text {14,7 }}$ | 947.7 | 22.9 |
| ${ }_{1990}$ | 6,136.3 | 5.246 .0 | 99.4 | 96.9 | 24.7 | i,000.0 | 600.4 | 489.4 | 491.7 | 176.7 | 149.2 | 168.4 | 360.5 | 546.4 | 1,109.0 | 1,181.7 | 18.5 | 867.0 | 25.3 |
| 1999 | ${ }_{6}^{6.0794}$ | 5,198.2 | 101.4 | 97.5 | 229.0 | ${ }^{1.050,2}$ | 568.0 | ${ }_{4}^{482.2}$ | S12.8 | ${ }_{1985}^{1895}$ | ${ }_{1}^{156.5}$ | 172.3 <br> 1747 | -381.2 | 534.1 <br> 544 | ${ }^{1,10579} 1$ | ${ }^{1,1742}$ | 10.3 | ${ }_{8}^{873.7}$ | 7.8 |
| ${ }_{1993} 19$. | 6, 6 3996 | 5,517.4 | 102.3 | 96.4 | ${ }_{234}^{23.3}$ | i,100.8 | 608.3 | 492.5 | 5519 | ${ }_{201.1}$ | ${ }_{171.8}$ | 179.0 | 416.5 | 566.2 | 1,174.3 | $1,223.5$ | 51.3 | ${ }_{875.8}$ | -3.7 |
| ${ }_{1994}^{1994}$ | 6.610.7 | ${ }_{\substack{5 \\ 5 \\ 59214.6}}$ | ${ }^{119.1}$ | 100.5 | ${ }_{254}^{24.8}$ | ${ }^{1,19393}$ | 67.3 | 522.0 | (584.1 | 214.3 | 178.9 | ${ }^{1939.1}$ | 489.6 | 601.2 | , 96.9 | 1,256.5 | 13.9 | 8878.3 | -33.8 |
| 1996 ...- | 6,928.4 | 6,094.1 | 111.7 | 101.9 | 264.3 | $1,323.7$ | 785.5 | 541.0 | 608.9 | ${ }_{220.8}$ | ${ }_{181.6}$ | 207.0 | 493.3 | 648.5 | i, $1,58.5$ | 1,342.9 | ${ }_{-54}$ | 874.1 | -48.7 |

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

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

| Line |  | Billions of current doliars |  |  |  |  | Chain-type quantity indexes (1992=100) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1992 | 1993 | 1994 | 1995 | 1996 | 1992 | 1993 | 1994 | 1995 | 1996 |
| 12345 | Gross domestic product |  |  |  |  |  |  |  |  |  |  |
|  | Private industries |  |  |  |  |  |  | ....... | ....... |  |  |
|  | Agriculture, forestry, and fishing | 224.5 | 224.9 | 242.1 | 240.9 | 266.1 | 100.00 | 97.61 | 105.70 | 104.26 | 104.35 |
|  | Farms | 187.7 | 186.5 | 202.9 | 197.9 | 219.9 | 100.00 | 97.16 | 106.26 | 102.31 | 102.86 |
|  | Agricultural services, forestry, and fishing ............................... | 36.8 | 38.4 | 39.2 | 43.0 | 46.1 | 100.00 | 99.67 | 103.73 | 114.11 | 115.60 |
| 6 | Mining | 160.0 | 160.2 | 157.5 | 156.6 | 183.5 | 100.00 | 100.72 | 103.03 | 102.06 | 102.12 |
|  | Metal mining | 11.4 | 10.6 | 12.0 | 13.2 | 12.3 | 100.00 | 98.83 | 101.60 | 99.85 | 100.15 |
| 8 | Coal mining | 28.9 | 26.0 | 27.8 | 26.8 | 26.9 | 100.00 | 94.92 | 103.91 | 103.23 | 105.87 |
| 9 | Oil and gas extraction | 105.5 | 109.4 | 102.0 | 100.3 | 127.2 | 100.00 | 102.35 | 102.18 | 100.64 | 99.59 |
| 10 | Nonmetallic minerals, except tuels ..- | 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 | Manufacturing | 2,961.2 | 3,096.6 | 3,313.3 | 3,550.0 | 3,699.8 | 100.00 | 103.52 | 109.40 | 114.57 | 119.69 |
|  | Durable goods. | 1,510.3 | 1,613.6 | 1,770.3 | 1,899.2 | 1,991.6 | 100.00 | 105.66 | 114.44 | 122.63 | 131.79 |
|  | Lumber and wood products.. | 84.3 | 97.4 | 106.6 | 108.6 | 107.9 | 100.00 | 99.74 | 104.91 | 107.28 | 107.64 |
| 14 15 16 | Furniture and fixtures | 43.2 | 46.2 | 49.7 | 53.0 | 57.5 | 100.00 | 104.89 | 109.10 | 113.09 | 119.98 |
|  | Stone, clay, and glass products. | 61.5 | 64.4 | 70.0 | 75.2 | 82.0 | 100.00 | 102.43 | 107.39 | 110.81 | 119.04 |
| 16 17 | Primary metai industries .... | 138.0 | 142.8 | 161.1 | 179.7 | 173.5 | 100.00 | 104.88 | 111.38 | 112.46 | 113.29 |
| 17 18 | Fabricated metal products. | 164.9 | 172.7 | 188.8 | 202.9 | 212.4 | 100.00 | 103.97 | 111.73 | 115.75 | 119.76 |
| 18 19 19 | Industrial machinery and equipment | 251.2 | 272.2 | 305.8 | 345.3 | 369.8 | 100.00 | 110.56 | 125.68 | 145.96 | 164.70 |
|  | Electronic and other electric equipmen | 210.2 | 228.6 | 261.9 | 294.9 | 316.0 | 100.00 | 110.56 | 130.22 | 160.78 | 189.89 |
| 20 21 | Motor vehicles and equipment .... | 235.6 | 265.0 | 312.5 | 323.5 | 331.7 | 100.00 | 109.72 | 126.28 | 129.22 | 131.65 |
| 22 | Other transportation equipment | 149.1 | 146.2 | 132.9 | 129.1 | 143.1 | 100.00 | 96.40 | 86.12 | 81.54 | 88.94 |
| 23 | Instruments and related products... | 131.0 | 133.8 | 134.4 | 136.9 | 143.3 | 100.00 | 100.72 | 100.17 | 101.18 | 105.29 |
| 24 | Miscellaneous manufacturing industries | 41.3 | 44.3 | 46.6 | 50.2 | 54.5 | 100.00 | 105.35 | 108.90 | 112.70 | 122.70 |
| 24 <br> 25 | ondurable goods | 1,450.9 | 1,483.0 | 1,543.0 | 1,650.8 | 1,708.3 | 100.00 | 101.30 | 104.14 | 106.21 | 107.36 |
|  | Food and kindred products | 398.3 | 412.8 | 420.6 | 438.1 | 460.0 | 100.00 | 101.86 | 102.60 | 105.80 | 106.08 |
| 27 | Tobacco products ... | 39.9 | 33.6 | 35.3 | 38.3 | 39.7 | 100.00 | 86.23 | 100.74 | 106.24 | 108.29 |
| 28 | Textiee mill products | 70.5 | 74.0 | 77.7 | 79.2 | 77.9 | 100.00 | 105.19 | 110.08 | 108.80 | 105.77 |
| 29 | Apparel and other textile products.. | 70.9 | 73.0 | 76.1 | 76.8 | 75.1 | 100.00 | 102.00 | 105.91 | 106.25 | 102.28 |
| 30 | Paper and allied products | 131.9 | 132.2 | 141.9 | 171.6 | 160.5 | 100.00 | 101.61 | 105.67 | 105.85 | 105.65 |
| 31 | Printing and publishing .... | 170.0 | 176.0 | 182.7 | 192.2 | 203.8 | 100.00 | 100.28 | 100.33 | 101.13 | 103.43 |
| 32 | Chemicals and allied products | 299.5 | 307.1 | 325.8 | 353.0 | 363.2 | 100.00 | 100.27 | 103.01 | 106.34 | 109.08 |
| 34 | Petroleum and coal products. | 148.1 | 143.3 | 142.1 | 149.3 | 177.0 | 100.00 | 100.24 | 102.59 | 104.19 | 109.95 |
|  | Rubber and miscellaneous plastics products ........................ | 112.2 | 121.2 | 133.5 | 143.6 | 142.1 | 100.00 | 106.92 | 116.24 | 118.96 | 118.12 |
| 35 | Leather and leather products ........................................... | 9.5 | 9.9 | 9.4 | 8.7 | 8.8 | 100.00 | 102.22 | 94.96 | 84.87 | 86.80 |
| 36 37 |  |  | …........... | .........." | .......... | ....... | ............... | ........ | ............... |  |  |
| 38393 |  | 330 | 336 | 35.8 | 37.5 | 39.5 | 10000 | 103.74 | 11185 | 14 |  |
|  | Rairroad transportation ................................................. | 15.9 | 16.7 | 17.4 | 18.3 | 19.4 | 100.00 | 104.20 | 107.11 | 111.48 | 132.00 111.04 |
| 39 40 | Trucking and warehousing .............................................. | 167.9 | 178.3 | 196.0 | 205.8 | 217.8 | 100.00 | 105.64 | 111.4i | 113.02 | 114.91 |
| 41 |  |  |  |  |  |  |  |  |  |  |  |
| 42 |  | 92.7 | 100.2 | 104.6 | 111.8 | 116.5 | 100.00 | 103.84 | 112.06 | 113.10 | 115.72 |
|  | Pipelines, except natural gas .......................................... | 8.4 | 8.2 | 8.6 | 9.0 | 9.5 | 100.00 | 100.97 | 103.12 | 101.04 | 102.88 |
| 45 |  | 247.6 | 263.3 | 277.0 | 294.6 | 318.9 | 100.00 | 105.00 | 109.75 | 115.65 | 122.93 |
| 46 | Telephone and telegraph ................................................................................................... | 188.5 | 196.8 | 207.4 | 218.9 | 236.2 | 100.00 | 104.37 | 109.92 | 115.94 | 124.93 |
| 47 | Radio and television ...................................................................................... | 59.1 | 66.5 | 69.5 | 75.6 | 82.7 | 100.00 | 106.96 | 109.27 | 114.80 | 117.09 |
| 48 | Electric, gas, and sanitary services ...................................... | 264.9 | 274.5 | 269.1 | 270.0 | 279.1 | 100.00 | 100.95 | 99.68 | 100.23 | 100.93 |
| 49 | Wholesale | 585.8 | 625.2 | 680.1 | 735.5 | 781.1 | 100.00 | 104.81 | 111.07 | 117.52 | 124.82 |
| 50 | Retall trade ....................................................................... | 864.8 | 916.1 | 977.9 | 1,014.7 | 1,059.4 | 100.00 | 104.31 | 109.59 | 112.43 | 115.88 |
| 51525354555657585960 | Finance, insurance, and real estata |  |  |  |  | ............... | ............... |  |  |  | ............... |
|  | Finance, insurance, and real estate .............................................................................................. |  |  |  |  |  |  |  |  |  |  |
|  | Nondepository institutions | 96.1 | 118.0 | 128.0 | 151.2 | 187.2 | 100.00 | 123.79 | 136.26 | 157.48 | 193.93 |
|  | Insurance carriers ........................................................... | 164.5 | 191.2 | 202.6 | 212.1 | 231.0 | 100.00 | 105.48 | 108.98 | 111.93 | 118.33 |
|  | Insurance agents, brokers, and service ................................... | 59.6 | 63.0 | 69.1 | 69.1 | 72.7 | 100.00 | 101.77 | 108.11 | 104.66 | 106.99 |
|  |  | 615.2 | 639.7 | 677.6 | 713.2 | 748.1 | 100.00 | 101.23 | 104.28 | 106.46 | 108.39 |
|  | O:her real estate $\qquad$ <br> Holding and other investment offices $\qquad$ |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 61 | Services ............................................................................................. |  |  |  |  |  |  |  |  |  |  |
| 62 | Hotels and other lodging places ..........................................- | 85.5 | 90.6 | 97.8 | 104.4 | 110.9 | 100.00 | 102.63 | 108.49 | 112.07 | 114.86 |
| 63 |  | 73.5 | 77.2 | 81.6 | 87.0 | 89.4 | 100.00 | 101.86 | 104.36 | 108.61 | 108.52 |
| 64 | Business services .............................................................................. |  |  |  |  |  |  |  |  |  |  |
| 65 66 |  | 93.9 39.9 | $\begin{array}{r}100.6 \\ 40.8 \\ \hline\end{array}$ | 109.5 | 117.8 | 123.4 49.7 | 100.00 | 102.88 96.99 | 108.10 | 113.14 | 115.36 |
| 67 | Motion pictures ............................................................... | 49.2 | 54.1 | 58.5 | 62.6 | 65.3 | 100.00 | 108.35 | 112.49 | 110.57 | 109.27 115.78 |
| 68 | Amusement and recreation services .............................................. | 75.5 | 83.4 | 89.9 | 101.0 | 111.4 | 100.00 | 107.06 | 111.48 | 120.62 | 128.41 |
| 69 | Heath services .............................................................. | 580.8 | 614.3 | 645.8 | 687.9 | 720.3 | 100.00 | 101.18 | 102.36 | 105.28 | 107.81 |
| 70 | Legal services ............................................................... | 118.7 | 122.3 | 124.5 | 125.2 | 133.5 | 100.00 | 98.78 | 97.33 | 94.68 | 97.47 |
| 7 |  | 84.7 | 89.3 | 95.1 | 100.3 | 106.2 | 100.00 | 102.85 | 106.30 | 108.14 | 111.65 |
| 72 | Social services ........................................................................................................... |  |  |  |  |  |  |  |  |  | $\cdots$ |
| 析 | Membership organizations .................................................................................................. |  |  |  |  |  |  |  |  |  |  |
| 75 | Other services $\qquad$ <br> Private households $\qquad$ |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 76 |  |  |  |  |  |  |  |  |  |  |  |
| 77 | Government ........................................................................... |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | Federal ............................................................................. |  |  |  | ............... |  | ......... |  |  |  |  |
| 79 | General govermment .................................................................... |  |  |  |  |  |  |  |  |  |  |
| 80 | Government enterprises . |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 82 | General government ............................................................ |  |  |  |  |  |  |  |  |  |  |
| 83 | Government enterprises ...................................................... | ............... | ............ | ........... |  |  |  |  |  |  |  |

[^30]Table 14.-Intermediate Inputs by Industry, 1992-96

| Line |  | Billions of current dollars |  |  |  |  | Chain-type quantity indexes (1992=100) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1992 | 1993 | 1994 | 1995 | 1996 | 1992 | 1993 | 1994 | 1995 | 1996 |
| 1 | Gross domestic product |  |  |  |  |  |  |  |  |  |  |
| 2 | Private industries |  |  |  |  |  |  |  | $\ldots$ | ....... |  |
| 3 | Agriculture, forestry, and fishing ......................................... | 112.1 | 118.8 | 122.9 | 129.9 | 136.2 | 100.00 | 103.99 | 105.27 | 109.41 | 109.06 |
| 4 | Farms $\qquad$ | 107.2 | 113.5 | 119.4 | 124.4 | 130.6 | 100.00 | 103.98 | 107.06 | 109.76 | 109.50 |
| 5 | Agricultural services, forestry, and fishing .................................. | 4.9 | 5.3 | 3.5 | 5.5 | 5.7 | 100.00 | 104.25 | 66.59 | 101.30 | 98.91 |
| 6 | Mining | 67.7 | 65.7 | 62.6 | 56.8 | 69.9 | 100.00 | 95.73 | 92.37 | 82.36 | 91.40 |
| 7 | Metal mining | 5.9 | 5.6 | 6.1 | 6.4 | 5.5 | 100.00 | 96.03 | 99.91 | 99.39 | 85.44 |
| 8 | Coal mining. | 15.4 | 13.6 | 14.7 | 14.5 | 14.6 | 100.00 | 88.96 | 95.55 | 93.00 | 93.21 |
| 9 | Oil and gas extraction ...... | 40.5 | 40.2 | 35.3 | 29.2 | 42.9 6.9 | 100.00 | 97.33 | 88.32 | 72.11 | 88.85 |
| 10 | Nonmetallic minerais, except fuels .... | 5.9 | 6.2 | 6.4 | 6.7 | 6.9 | 100.00 | 101.87 | 103.99 | 105.78 | 105.77 |
| 11 | Construction | 202.5 | 215.0 | 224.4 | 227.3 | 248.5 | 100.00 | 103.06 | 104.45 | 102.57 | 110.16 |
| 12 | Manufacturing | 1,897.6 | 1,980.1 | 2,097.2 | 2,263.7 | 2,367.7 | 100.00 | 103.53 | 107.84 | 111.69 | 117.03 |
| 13 | Durable goods | 937.0 | 997.9 | 1,091.1 | 1,182.4 | 1,242.5 | 100.00 | 105.38 | 112.84 | 119.69 | 128.67 |
| 14 | Lumber and wood products | 52.3 | 62.8 | 68.2 | 67.9 | 66.5 | 100.00 | 106.40 | 112.36 | 112.54 | 109.08 |
| 15 | Furniture and fixtures .... | 27.0 | 28.5 | 31.2 | 33.6 | 37.0 | 100.00 | 101.78 | 107.81 | 111.85 | 122.17 |
| 16 | Stone, clay, and glass products | 36.5 | 39.3 | 41.2 | 44.5 | 49.3 | 100.00 | 105.76 | 107.24 | 111.02 | 121.09 |
| 17 | Primary metal industries ... | 99.1 | 100.7 | 114.9 | 127.7 | 122.9 | 100.00 | 102.62 | 109.80 | 111.95 | 110.66 |
| 18 | Fabricated metal products | 94.8 | 99.0 | 104.5 | 113.4 | 114.2 | 100.00 | 103.40 | 105.29 | 107.05 | 109.57 |
| 19 | Industrial machinery and equipment | 142.5 | 161.2 | 183.4 | 202.9 | 219.6 | 100.00 | 114.05 | 129.16 | 142.60 | 160.65 |
| 20 | Electronic and other electric equipment. | 11.6 | 114.0 | 129.0 | 160.9 | 172.2 | 100.00 | 102.33 | 115.11 | 145.26 | 164.79 |
| 21 | Motor vehicles and equipment ............ | 182.8 | 193.5 | 225.2 | 236.2 | 246.7 | 100.00 | 104.80 | 119.88 | 123.00 | 128.01 |
| 22 | Other transportation equipment | 92.6 | 92.8 | 83.4 | 82.1 | 93.3 | 100.00 | 98.79 | 87.31 | 84.07 | 95.33 |
| 23 | Instruments and related producis | 76.7 | 82.9 | 85.7 | 87.3 | 91.0 | 100.00 | 108.65 | 112.63 | 118.02 | 132.89 |
| 24 | Miscellaneous manufacturing industries | 21.1 | 23.2 | 24.4 | 25.9 | 29.8 | 100.00 | 108.73 | 110.90 | 112.30 | 129.21 |
| 25 | Nondurable goods. | 960.6 | 982.2 | 1,006.1 | 1,081.3 | 1,125.2 | 100.00 | 101.72 | 102.94 | 103.87 | 105.79 |
| 26 | Food and kindred products | 296.2 | 309.5 | 311.0 | 319.3 | 337.5 | 100.00 | 101.94 | 102.05 | 101.68 | 104.62 |
| 27 | Tobacco products ... | 21.6 | 18.4 | 19.0 | 20.7 | 21.6 | 100.00 | 84.87 | 86.24 | 88.54 | 92.83 |
| 28 | Textile mill products | 45.1 | 48.6 | 52.3 | 55.6 | 52.4 | 100.00 | 106.90 | 111.59 | 113.32 | 106.56 |
| 29 | Apparel and other textile products .................................. | 43.7 | 45.6 | 47.8 | 49.5 | 48.5 | 100.00 | 103.15 | 106.95 | 107.15 | 104.21 |
| 30 | Paper and allied products .................................................. | 86.1 | 84.5 | 90.6 | 111.7 | 103.4 | 100.00 | 97.58 | 101.51 | 109.66 | 106.86 |
| 31 | Printing and publishing ............................................................ | 90.3 | 96.0 | 94.7 | 107.3 | 113.4 | 100.00 | 105.63 | 102.50 | 104.59 | 112.58 |
| 32 | Chemicals and allied products | 179.0 | 182.4 | 185.2 | 197.1 | 205.4 | 100.00 | 100.37 | 98.92 | 100.11 | 102.87 |
| 33 | Petroleum and coal products ......................................... | 119.8 | 112.0 | 111.7 | 119.1 | 146.9 | 100.00 | 100.64 | 103.87 | 101.84 | 107.61 |
| 34 | Rubber and miscellaneous plastics products ....................... | 74.9 | 79.9 | 89.2 | 97.5 | 92.5 | 100.00 | 106.20 | 114.77 | 115.39 | 111.09 |
| 35 | Leather and leather products ............................................ | 4.7 | 5.3 | 4.7 | 3.6 | 3.7 | 100.00 | 110.96 | 96.39 | 70.94 | 72.15 |
| 36 | Transportation and public utilities ....................................... |  |  |  |  |  |  | $\cdots$ |  |  |  |
| 37 | Rransportation ...................................................................................................................... |  |  |  |  |  |  |  |  |  |  |
| 38 | Railroad transportation $\qquad$ Local and interurban passenger transit $\qquad$ | $\begin{array}{r}10.9 \\ 5.0 \\ \hline\end{array}$ | $\begin{array}{r}11.5 \\ 5.6 \\ \hline\end{array}$ | 11.6 6.0 | 13.1 5.9 | 14.3 5.8 | 100.00 100.00 100 | 102.55 <br> 111.96 | 101.63 119.65 118 | 112.49 114.54 1 | 117.36 <br> 108.37 |
| 40 | Trucking and warehousing ......................................................................... | 85.8 | 91.3 | 101.0 | 108.3 | 125.6 | 100.00 | 106.38 | 114.72 | 119.56 | 132.00 |
| 41 | Water transportation ........................................................ |  |  |  |  |  |  |  |  |  |  |
| 42 | Transportation by air ... | 49.8 | 52.4 | 52.9 | 56.9 | 53.2 | 100.00 | 104.70 | 105.29 | 110.55 | 96.88 |
| 43 | Pipelines, except natural gas ........................................... | 3.5 | 3.4 | 4.0 | 3.4 | 4.0 | 100.00 | 93.01 | 108.58 | 89.00 | 102.78 |
| 44 |  | 86.5 | 87.7 | 92.3 | 102.9 | 118.7 | 100.00 | 101.90 | 109.69 | 124.84 | 142.27 |
| 46 | Telephone and telegraph | 58.8 | 62.2 | 65.3 | 74.8 | 86.6 | 100.00 | 107.36 | 117.72 | 139.50 | 160.31 |
| 47 | Radio and television. | 27.7 | 25.5 | 27.0 | 28.1 | 32.1 | 100.00 | 90.34 | 92.71 | 94.04 | 104.45 |
| 48 | Electric, gas, and sanitary services | 90.2 | 91.7 | 75.0 | 68.0 | 69.1 | 100.00 | 98.07 | 79.40 | 73.87 | 68.23 |
| 49 | Wholesale trade | 179.4 | 201.9 | 212.1 | 251.0 | 264.3 | 100.00 | 110.09 | 112.66 | 128.59 | 132.61 |
| 50 | Retail trade | 320.5 | 342.9 | 362.6 | 377.0 | 391.5 | 100.00 | 104.81 | 108.16 | 109.25 | 110.55 |
|  | Finance, insurance, and real estate . |  |  |  | ............... |  |  |  |  | ................ |  |
| $52$ | Depository institutions $\qquad$ <br> Aondepository institutions |  |  |  |  |  |  |  |  |  | .............. |
| 54 |  | 46.6 | 54.1 | 49.5 | 71.7 | 97.1 | 100.00 | 115.21 | 104.49 | 148.83 | 200.78 |
| 55 | Insurance carriers .......................................................... | 81.1 | 84.7 | 93.8 | 85.6 | 94.4 | 100.00 | 100.73 | 108.55 | 96.08 | 102.91 |
| 56 | Insuratue zoerte, hrokore, and service | 20.1 | 21.5 | 24.0 | 21.9 | $\cdots-220$ | $\ldots$.100.00 | 104.08 | 113.38 | 100.37 | 99.61 |
| 58 58 | Real estate Nontarm housing se...evices | 61.8 | 70.9 | 70.3 | 70.5 | 74.8 | 100.00 | 111.22 | 109.10 | 107.76 | 111.90 |
| 59 | Other real estate ........................................................ |  |  |  |  |  |  |  |  |  |  |
| 60 | Holding and other investment offices .................................... |  |  |  |  |  |  |  |  |  |  |
|  | Services .......................................................................... |  |  |  |  |  |  |  |  |  |  |
| 62 | Hotels and other lodging places ......................................... | 34.6 | 36.8 | 40.4 | 43.7 | 47.1 | 100.00 | 104.14 | 111.23 | 117.05 | 122.87 |
| 63 | Personal services ............................................................... | 32.5 | 33.0 | 35.8 | 40.4 | 40.3 | 100.00 | 99.12 | 104.99 | 115.15 | 112.27 |
| 64 65 | Business services ........................................................... | 42.8 | 46.4 | 50.2 | 56.7 | 58.3 | 100.00 | 106.34 | 112.73 | 124.34 | 124.37 |
| 66 | Miscellaneous repair services .................................................................................. | 22.4 | 21.8 | 25.1 | 27.5 | 27.2 | 100.00 | 96.56 | 110.23 | 122.60 | 126.39 |
| 67 | Motion pictures .............................................................. | 29.2 | 30.7 | 35.5 | 36.6 | 35.4 | 100.00 | 103.09 | 114.64 | 113.98 | 105.44 |
| 68 | Amusement and recreation services .................................... | 27.6 | 35.6 | 38.5 | 44.8 | 50.5 | 100.00 | 126.06 | 132.91 | 150.19 | 164.82 |
| 69 | Heath services ............................................................ | 211.8 | 227.7 | 235.6 | 259.0 | 273.3 | 100.00 | 105.10 | 106.22 | 113.62 | 118.35 |
| 70 | Legal services ............................................................. | 28.5 | 30.7 | 30.7 | 28.7 | 33.5 | 100.00 | 105.34 | 103.35 | 93.90 | 107.39 |
| 71 | Educational services ...................................................... | 38.5 | 40.5 | 42.8 | 45.2 | 48.0 | 100.00 | 102.98 | 106.87 | 109.32 | 114.24 |
| 72 | Social services .............................................................. |  | .............. |  |  |  |  |  |  |  |  |
| 73 | Membership organizations .................................................... | ............... |  |  |  |  |  |  |  |  |  |
| 74 | Other services ................................................................................... |  |  |  |  |  |  |  |  |  |  |
| 75 | Private households ......................................................................... |  |  |  |  |  |  |  |  |  |  |
| 76 | Statistical discrepancy ${ }^{1}$. |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 77 | G |  |  |  |  |  |  |  |  |  |  |
|  | Federal |  |  |  |  |  |  |  |  |  |  |
| 79 | General government ......................................................... |  |  |  |  |  |  |  | ....................... |  |  |
| 80 | Govermment enterprises .................................................. | .............. |  |  |  |  |  |  | .............. |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 82 | General government | ... | ............... | ................ | ............... | . |  | ... | .... | ............... |  |
|  | Government enterprises ............................................................. | ............... | ............... | ............... |  |  |  |  | ............... | ..... | ....... |

[^31]
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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 ( $\mathrm{I}-\mathrm{o}$ ) accounts for the U.S. economy. ${ }^{1}$ The second article will be published in the December 1997 Survey of Current Business. ${ }^{2}$ The i-o accounts show the production of commodities (goods and services) by each industry, the use of commodities by each industry, the commodity composition of gross domestic product (GDP), and the industry distribution of value added. These I -o accounts are used in a variety of analytical and statistical contexts, including in studies of interindustry relationships within the economy and as the framework and benchmarks for other statistical series.
This article describes the preparation of the 1992 I-O accounts and discusses some of the improvements that have been made. In addition, it describes the make and use tables, illustrates how these tables are used, and discusses the concepts and methods underlying the 1-0 accounts. The 1992 I-o estimates are presented in this article in summary form; that is, they are aggregated to 97 I-O industries from 498 -industry detail. The make (production) of commodities by industries is shown in table 1 ; the use (consumption) of commodities by industries, in table 2.1; and the components of value added by industries, in table 2.2. These tables are available at the summary and detailed levels on diskette (see the box "Data Availability" on page 37).
This article also presents supplementary tables and two appendixes. The supplementary tables link the I-o accounts to the national income and product accounts (NIPA's). ${ }^{3}$ These tables permit

[^32]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 r-o Accounts

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

## Source data and procedures

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

[^33]Census. The economic censuses provide comprehensive data-including information on industry and commodity production, materials consumed, and operating expenses-that are not available on a more frequent basis. The 1992 benchmark I-O accounts used data from economic censuses of the following industries: Mining; manufacturing; wholesale trade; retail trade; transportation, communications, and utilities; finance, insurance, and real estate; and services. In addition, the i-o accounts used data from the 1992 Census of Agriculture, the 1992 Census of Construction Industries, and the 1992 Census of Governments.

In preparing the 1992 benchmark I-O accounts, bea first estimated industry and commodity outputs for the r -o make and use tables. The industry and commodity outputs are represented by the shaded cells in the I-o make table, shown in the upper panel of chart 1 , and in the 1 -o use table, shown in the lower panel. Where there are gaps in coverage by the economic censuses, bea used data from other sources, such as the U.S. Department of Agriculture, U.S. Department of Energy, U.S. Department of Transportation, U.S. Department of Treasury, Office of Management and Budget, other Government agencies, and private organizations.
Second, bea prepared estimates of the commodity inputs required by an industry to produce its output. In the use table shown in chart 1 , commodity inputs are represented by the upper cells in an industry column. Most of the detailed data available to estimate commodity
inputs are obtained from the economic censuses, which included selected purchased services for most industries and materials consumed for manufacturing. When only aggregate data were available, BEA combined that information (for example, purchases of fuel by manufacturing industries) with information on purchases of individual commodities (for example, purchases of petroleum products, natural gas, and coal in the category of purchased fuels) to estimate purchases of specific commodities by an industry (for example, purchases of natural gas by a manufacturing industry).

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

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

## Data Availability

This article presents the summary make and use tables for the 1992 benchmark input-output (I-O) accounts. The summary estimates of the requirements tables will be presented in the December 1997 Survey of Current Business.
The estimates included in the make and use tables are available on diskette at the summary level ( 97 I-O industries) and at the six-digit level ( 498 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 (sic) 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 |
| 1992 benchmark six-digit, transactions (set of three diskettes) | NDN-0178 | \$60 |
| 1992 benchmark six-digit, alternative transactions (set of two diskettes). | NDN-0179 | \$40 |

## CHART 1

The U.S. Input-Output Accounts
MAKE TABLE: INDUSTRIES PRODUCING COMMODITIES

|  |  | COMMODTIES |  |  |  |  |  |  |  |  | TOTAL INDUSTRYOUTPUT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Agricultural products | Minerals | Construction | Manutactured products | Transportation | Trade | Finance | Services | Other* |  |
| INDUSTRIES | Agriculture |  |  |  |  |  |  |  |  |  | M\% |
|  | Mining |  |  |  |  |  |  |  |  |  |  |
|  | Construction |  |  |  |  |  |  |  |  |  |  |
|  | Manuacturing |  |  |  |  |  |  |  |  |  |  |
|  | Transportation |  |  |  |  |  |  |  |  |  | wrymul |
|  | Trade |  |  |  |  |  |  |  |  |  |  |
|  | Finance |  |  |  |  |  |  |  |  |  |  |
|  | Services |  |  |  |  |  |  |  |  |  |  |
|  | Other* |  |  |  |  |  |  |  |  |  |  |
| TOTAL COMMODITY OUTPUT |  |  |  |  |  |  |  |  |  |  |  |

USE TABLE: COMMODITIES USED BY INDUSTRIES AND FINAL USES

|  |  | INDUSTRIES |  |  |  |  |  |  |  |  |  | FINAL USES (GDP) |  |  |  |  |  |  | $\begin{gathered} \text { TOTAL } \\ \text { COMMODITY } \\ \text { OUTPUT } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Agricul- | Mining | Construc- <br> tion | Manutacturing | Transportation | Trade | Finance | Services | Oiner* | Total inter- mediate Use | Personal consumption expendifures | Gross private fixed investment | Change in business inventories | Exports ot goods and services | Imports <br> of goods and services | Goverment consumption expenditures and gross invesiment | GDP |  |
| COMMODITIES | Agricultural products |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Minerals |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Construction |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Manufactured products |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Transportation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Trade |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Finance |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Services |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Other* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Noncomparable imports |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Total intermediate inputs |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { VALUE } \\ & \text { ADDED } \end{aligned}$ | Compensation of employees |  |  |  |  |  |  |  |  |  |  | TOTAL COMMODITY OUTPUT PRIMARY PRODUCT OF THE INDUSTRY TOTAL INDUSTRY OUTPUT |  |  |  |  |  |  |  |
|  | Indirect business tax and nontax liability |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Other value added** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Total |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL INDUSTRY OUTPUT |  |  |  |  |  |  | 1 | $\%$ | $\checkmark$ | \% |  |  |  |  |  |  |  |  |  |  |

- The input-cuiput ( $\mathrm{L}-\mathrm{O}$ ) accounts use two ccassification systems, one for industries and another for commocilies, but both generally use the same 1 -O numbers and tities. "Other' consists of government onterpises and other LO special industries; for more intormation see "Appendix A. Industry Clessification of the 1992 Benchmarh Input-Output Accounts."
" "Oiher 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 transier payments, and subsidies less current surplus of government enter pises.
U.S. Department of Conmerce, Buresu of Economic Analysis
of personal consumption expenditures and gross private fixed investment were prepared using the commodity-flow method. ${ }^{7}$ For example, using the commodity-flow method, office equipment for private investment was estimated as a residual after government investment was subtracted from the total supply of office equipment. The estimates of inventories held by industries were mostly based on economic census data; these estimates were then distributed to commodities on the basis of information from previous benchmark accounts. The estimates of exports and

[^34]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 ( $\mathrm{I}-\mathrm{o}$ ) accounts as purchases of commodities. In the presentation of PCE and PDE in the national income and product accounts (NiPA's), these commodities are grouped into categories either by type of product or by type of expenditure. ${ }^{1}$ Two methods are used to prepare the I -o benchmark estimates of PCE and PDE: The direct-estimation method and the commodity-flow method.

## Direct estimation

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

[^35]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.
more accurately reflect the evolving U.S. economy; methodological, to increase the accuracy and reliability of the estimates; and statistical, to introduce newly available and revised source data.

Major definitional and classificational changes. -The 1992 I-O accounts incorporated the definitional changes that were introduced as part of the comprehensive nIPA revision released in January $1996 .{ }^{8}$ The change that most affected the $1-\mathrm{o}$ accounts was the new treatment of government purchases that distinguishes between government investment and consumption expenditures and that is symmetrical with the treatment of private fixed assets. ${ }^{9}$ Also included are the improved estimates of contributions by the Federal Government to the retirement programs of civilian

[^36]employees and military personnel in employee compensation. ${ }^{10}$
Additional definitional and classificational changes that were incorporated into the 1992 I-O accounts included the following:

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

Major methodological changes.-The 1992 I-o accounts incorporated the results of major methodological changes that were introduced as part of the comprehensive nIPA revision. For example, the improved estimates of purchases of new autos and of investment in nonresidential structures were incorporated into the estimates of final uses, and the new estimates of voluntary contributions to thrift savings plans were incorporated into the estimates of compensation of employees.
For estimates of indirect business tax and other nontax liability, the 1992 I-O accounts incorporated the improved industry assignment of
10. See "Preview of the Comprehensive Revision of the National Income and Product Accounts: New and Redesigned Tables," Survey 75 (October 1995): 31-34.

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commodity taxes that was introduced in the comprehensive revision of gross product originating (GPo) released in August 1996. ${ }^{11}$ These taxes are now classified in a more consistent and comprehensive manner than in the previous benchmark accounts.
In addition, the 1992 1-O accounts incorporated improved measures of output and inputs for the transportation industries and improved measures of the freight charges incurred to transport commodities by different modes. These improvements resulted from a review of the methods and source data used to prepare transportation estimates for the I-O accounts by the staff of the Department of Transportation. ${ }^{12}$ Where feasible, bea incorporated suggested improvements from this review into the 1992 I-O accounts.

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

## Introduction to the I-O Accounts

The I-O accounts for the U.S. economy show the production of commodities by each of 498 industries in the make table and the consumption of commodities by these industries in the use table. The use table also shows the commodity composition of gross domestic product (GDP) and the industry distribution of value added.
The I-O accounts show the relationships between all the industries in the economy and all the commodities that these industries produce and use. The estimates of the commodities are shown in producers' prices. ${ }^{13}$ When pro-

[^37]ducers' prices are used, transportation costs and wholesale and retail trade margins are treated separately as commodities that are produced and used by industries (see the section "Definitions and conventions for valuation of transactions").
The I-O accounts consist of five basic tables: (1) Make, (2) use, (3) commodity-by-industry direct requirements, (4) commodity-by-commodity total requirements, and (5) industry-by-commodity total requirements. ${ }^{14}$ Only the make and use tables are presented in this article. The remaining three tables and their descriptions will be published in the December 1997 SURvey.

The make table.-The make table (shown as a schematic in chart 1 and with estimates in table 1) shows the value in producers' prices of each commodity produced by each industry. In each row, one "diagonal" cell shows the value of the production of the commodity for which the industry has been designated the "primary" producer; in chart 1 , these cells are shaded in the interior of the make table. The entries in the other cells in the row show the value of the production of commodities for which the industry is a "secondary" producer. ${ }^{15}$ For example, the industry "newspapers and periodicals" (row 26A in table 1) is the primary producer of the commodity "newspapers and periodicals" (column 26A in table 1 ). This industry is also a secondary producer of the following commodities: Other printing and publishing (column 26B); scientific and controlling instruments (column 62); advertising (column 73D); and scrap, used and secondhand goods (column 81). The sum of all the entries in the row is the total output of that industry.
The entries in each column of the make table represent the production by both primary and secondary producers of the commodity in the column. For example, computer and data processing services (column 73A) includes the output by the primary producer-the industry "computer and data processing services" (row 73A)-and by the following secondary producers: Computer and office equipment (row 51); legal, engineering, accounting, and related services (row 73 B ); and other business and professional

[^38]services, except medical (row 73 C ). The sum of all the entries in the column is the total output of that commodity.

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

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

Table A.-Principal Data Sources for Industry or Commodity Outputs, 1992 1-O Accounts

| Industry or Commodity | Source |
| :---: | :---: |
| Agriculture, forestry, and fisheries .................................................. | Trade sources <br> U.S. Department of Agriculture, Forest Service and Economic Research Service farm statistics National Oceanic and Atmospheric Administration Fisheries of the United States |
| Mining ....................................................................................... | Census Bureau 1992 Census of Mineral Industries |
| Construction ................................................................................ | Census Bureau 1992 Census of Construction Industries, 1992 Census of Service Industries, value of construction put-in-place series, and 1992 Census of Financial, Insurance, and Real Estate Industries |
| Manufacturing ............................................................................ | Census Bureau 1992 Census of Manufactures |
| Transportation .............................................................................. | Association of American Railroads Freight Commodity Statistics <br> Census Bureau 1992 Census of Transportation, Communications, and Utilities, Motor Freight Transportation and Warehousing Survey, and Service Annual Survey <br> 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 <br> Census Bureau 1992 Census of Transportation, Communications, and Utilities Rural Electrification Administration 1992 Statistical Report, Rural Electric Borrowers |
| Wholesale and retail trade ............................................................ | Census Bureau 1992 Census of Wholesale Trade, 1992 Census of Retail Trade, 1992 Combined Annual and Revised Monthly Retail Trade, 1992 Annual Wholesale Trade, and 1993 Annual Retail Trade Survey |
| Finance ..................................................................................... | Census Bureau 1992 Census of Financial, Insurance, and Real Estate Industries <br> Federal Deposit Insurance Corporation Statistics on Banking <br> Federal Home Loan Bank Board financial reports <br> National Credit Union Administration Yearend Statistics for Federally Insured Credit Unions <br> Annual Report of the New York Stock Exchange <br> 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/Casually 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 <br> U.S. Department of Education Digest of Educational Statistics <br> The Economic Report on Veterinarians \& Veterinary Practices |
| Government enterprises ............................................................... | Federal and State and local government agency reports Office of Management and Budget Federal budget data National income and product accounts data |
| Noncomparable imports ............................................................... | Estimated as part of the balance of payments accounts |
| Scrap ........................................................................................ | Census Bureau 1992 Census of Manufactures |
| General government ................................................................... | Estimated as part of the national income and product accounts |
| Household .................................................................................. | Estimated as part of the national income and product accounts |
| Inventory valuation adjustment ....................................................... | National income and product account estimates and 1992 economic census data |

most industries, but data from other Government agencies and private sources are used for the I-o industries that are not covered by the economic census data, such as education and religious organizations. In addition, data from other Government agencies are used to supplement the economic census data for some industries; for example, data on financial statistics for major private electric utilities from the U.S. Department of Energy are used to supplement the data on electric utilities from the 1992 Census of Transportation, Communications, and Utilities.
bea makes two adjustments to the economic census data. First, it adds estimates of the output for establishments that are not covered by the economic censuses. This adjustment includes estimates for nonpayroll firms in mining, manufacturing, and wholesale trade and for noncensus-covered industries in agriculture, forestry, and fisheries, in services (such as education and religious organizations), and in transportation (such as railroads). Second, bea adjusts the data for misreported tax return information, because in some cases, the Census Bureau data for receipts reflect tax return records rather than information collected from surveys. Therefore, the tax return data must be adjusted to account for nonfilers and for filers who misreport receipts to the Internal Revenue Service. ${ }^{16}$ The largest adjustments are to the data for the services industries in which partnerships and sole proprietorships are more prevalent.

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

The use table.-The data in the use table (shown as a schematic in the lower panel of chart 1 ) are presented in two parts: Table 2.1 shows the value in producers' prices of each commodity used by each industry or by each final user (represented by the upper left and right quadrants of chart 1 ); table 2.2 shows detail on the components of value added and total intermediate inputs that are used by each industry to produce its output (represented by the lower left quad-

[^39]rant of chart 1). ${ }^{17}$ In table 2.1, the entry in each row shows the commodity that is used by the industry or final user in the column. For example, the commodity "radio and tv broadcasting" (row 67 ) is used by the industries "communications, except radio and Tv " (column 66), "radio and Tv broadcasting" (column 67), and "advertising" (column 73D) and by persons in personal consumption expenditures (column 91).
To facilitate the presentation, the rows and columns of table 2.2 are reversed from those shown in chart 1 as follows: The industries are shown in the rows, and the total intermediate inputs, the components of value added, and the total output for each industry are shown in the columns. For example, for the industry "radio and Tv broadcasting" (row 67), compensation of employees was $\$ 8.4$ billion, indirect business tax and nontax liability was $\$ 0.5$ billion, and "other value added" was $\$ 2.9$ billion. Total intermediate inputs was $\$ 17.6$ billion, which is the sum of the intermediate inputs for industry shown in table 2.1. The total output for this industry was $\$ 29.4$ billion.

The column total for industries in table 2.1 equals the industry output in table 2.2. For example, the industry output for the radio and Tv broadcasting industry (column 67) in table 2.1 equals the total industry output for that industry (row 67) in table 2.2, or $\$ 29.4$ billion.
In table 2.1, the sum of the intermediate uses of the commodity by industries (upper left quadrant of chart 1 ) and all sales to final users (upper right quadrant of chart 1 ) equals total commodity output. The sum of the intermediate inputs consumed by each industry-that is, the raw materials, semifinished products, and services that the industry purchased-and the value added by the industry equals total industry output. In the I-O accounts, GDP can be measured either as the sum of all final uses of commodities or as the sum of value added by industries.

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

[^40]for these commodities, production is indirectly connected to final uses.
The use table also shows the variation in the usage of commodities by industries. For example, in table 2.1, the commodity "paper and allied products, except containers" (row 24), with a total commodity output of $\$ 98.5$ billion, was used by most industries. The largest user was "other printing and publishing" (column 26B), which used $\$ 16.1$ billion, or 16 percent of the total commodity output. In contrast, metal containers (row 39), with $\$ 13.2$ billion of commodity output, were used by only 17 industries. The largest user was the industry "food and kindred products" (column 14), which used $\$ 9.4$ billion, or 71 percent of the total commodity output.

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

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

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

Two of the components of value added by industry are estimated directly using a variety of data sources (table B). Most of the estimates of compensation of employees by industry are based on census data. The estimates of indirect
18. For more detailed information, see U.S. Department of Commerce, Bureau of Economic Analysis, Personal Consumption Expenditures, Methodology Paper Series mp-6 (Washington, dc: U.S. Government Printing Office, June 1990): 31-34.

Table B.-Principal Data Sources and Methods for Estimating Intermediate Inputs and Value-Added Inputs, 1992 1-0 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. <br> For agriculture industries, inputs from U.S. Department of Agriculture. <br> For most remaining industries, a combination of selected inputs from trade sources and 1987 estimates extrapolated by change in industry output. <br> 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 $1-0$ industry definitions. <br> 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. <br> 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. <br> 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. |

[^41]business tax and nontax liability by industry are prepared in two parts: For excise and general sale taxes, the values are estimated as part of each industry's output; for other indirect business taxes, such as property taxes, estimates are distributed on the basis of a variety of source data, including State government tax collections and highway statistics. The remaining component is shown as "other value added," which is derived as a residual by subtracting the total intermediate inputs, compensation of employees, and indirect business tax and nontax liability from total industry output.

## The uses of the I-O accounts

The I-O accounts have a variety of uses that range from an analytical tool to study industry production to a framework for benchmarking other economic statistics programs. This section describes the uses of the I-O accounts in studying interindustry relationships in the U.S. economy and in preparing economic statistics. It also describes some of the assumptions that analysts must make when they use I-O accounts as an economic tool for analysis.
Analytical uses.-The i-o accounts are an important analytical tool because they show the interdependence among the producers and consumers in the economy. Using the I-O accounts, analysts can estimate the direct and indirect effects of changes in final uses on industries and commodities.
For example, the I-O accounts can show how an increase in consumer demand for motor vehicles will affect the rest of the economy. It will likely cause an increase in the production of motor vehicles that could result in increased steel production and that, in turn, could require increases in the production of chemicals, iron ore, limestone, and coal. It could also require an increase in the production of upholstery fabrics that could require more natural fibers, more synthetic fibers, and more plastics and that, in turn, could require increases in the production of "electric services (utilities)" and "plastics materials and resins." In the I-o accounts, these effects are quantified in the total requirements tables. ${ }^{19}$

Similarly, the requirements tables can be used to estimate the effects of a strike or natural disaster on the economy or, supplemented with

[^42]additional information, to estimate the effects of an increase in demand for U.S. exports on employment. The Federal Emergency Management Agency, the Department of Defense, and the Census Bureau, among others, have used the I -o accounts for such studies.
When the $\mathrm{I}-\mathrm{O}$ accounts are augmented with regional data by bea, they can show economic effects by region. For example, the regional I-O accounts can be used to estimate the potential impact of a planned Federal Government shutdown of a military base. ${ }^{20}$ When the I-O accounts are augmented with international data, they can be used to estimate the effects of exchangerate changes on the profitability and activities of manufacturing industries that rely on imported inputs. ${ }^{21}$

Analysts using the I - o tables to estimate the effects of changes in final uses on industries and commodities need to be aware of the underlying I-O assumptions. For example, the 1-O tables are based on a set of relationships that exist between producers and consumers in a given year; these relationships reflect constant technology and relative prices. The interindustry relationships reflect the average input structure in each industry for that year, but these relationships do not necessarily reflect those of an additional unit of production. Therefore, for analyses that require alternative assumptions, other economic tools may be required.
Statistical uses.-The I-O accounts are used in several ways to prepare economic statistics. For example, the final-use components of personal consumption expenditures and of gross private domestic investment-adjusted to reflect the definitional, classificational, and statistical changes made after the completion of the benchmark I-O accounts-provide the benchmarks for the nipa's.

The benchmark 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 I-O accounts as weights in compiling industry price indexes.

[^43]
## Definitions and conventions for classification

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

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

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

Redefinitions result in the shift of output and inputs related to the secondary activities of some establishments to the sIC industries in which they are primary activities. (A primary activity must make up the largest proportion of the establishment's output; all the other activities are secondary.) The I-O industry classification system only redefines the secondary activities of an sic industry for which the related inputs are very different from those required for the industry's primary activity. For example, both the output and related inputs of restaurants in hotels are moved from the sic industry "hotels and lodging places" (in which "hotels and lodging" is the primary activity) to the industry "eating and drinking places" (in which "eating and drinking" is the primary activity), because the input structure of "meals and beverages" is very different from that of the industry's primary activity. After the redefinition is completed, the total outputs for both $\mathrm{I}-\mathrm{o}$ industries-that is, "eating and drinking places" and "hotels and

[^44]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 1-0 analytical framework is to attain a greater degree of homogeneity in the inputs required by an I-o industry to produce its commodities.

The following activities are redefined:

- Construction work (both new and maintenance and repair) performed by all establishments (including government) is redefined to the construction industries. Construction work performed by and for establishments classified in nonconstruction industries is referred to as "force-account construction."
- Manufacturing in trade and service establishments is redefined to the appropriate manufacturing industries.
- Retail trade in service establishments is redefined to the retail trade industry. Services in trade establishments are redefined to service industries. Some services are also redefined within the service industries.
- Manufacturers' sales of purchased goods (resales) are redefined to the wholesale trade industry.
- Rental activities of all establishments are redefined to the real estate and rental industries.
- The preparation of meals and beverages in most establishments is redefined to the eating and drinking industry.
The redefinitions affected most industries, but the total output that was redefined for most industries was small for the 1992 I-O accounts. Redefinitions had a significant effect on the following industries: Automotive repair and services ( I -o industry 75 ) has $\$ 138.4$ billion in total industry output after $\$ 1.0$ billion was removed and $\$ 48.1$ billion was added from wholesale and retail trade; eating and drinking places ( $\mathrm{I}-\mathrm{O}$ industry 74) has $\$ 280.7$ billion in total output after $\$ 1.0$ billion was removed and $\$ 45.6$ billion was added; wholesale trade ( $\mathrm{I}-\mathrm{O}$ industry 69A) has $\$ 59.0$ billion in total output after $\$ 51.0$ billion was removed and $\$ 31.0$ billion was added; and retail trade ( $\mathrm{I}-\mathrm{O} 69 \mathrm{~b}$ ) has $\$ 522.5$ billion in total output after $\$ 82.7$ billion was removed and $\$ 13.9$ billion was added.
Special industries are included in the I -o system, but they are not considered industries in the sic system. In the sic, government establishments engaged in business-like activities (defined
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 ( $\mathrm{I}-\mathrm{O}$ 79). ${ }^{23}$

Another special industry created for the I-O accounts, general government ( I -O 82), covers all other government establishments and is similar in scope to sic industry division 9 , Public Administration. The output and value added of this industry are defined as compensation of employees and consumption of fixed capital of general government agencies.
The I-o system also includes a special industry for the inventory valuation adjustment (I-O 85), which is an adjustment needed to eliminate inventory profits or losses from the change in the inventory component of output.
Activity-based industries are necessary for agriculture, construction, and real estate. Agriculture industries are classified by commodity, such as dairy farm products, because source data on the production of agriculture commodities by establishment, such as data on the production of milk products by dairy farms, are not available.
Construction is classified by type of activity, such as the construction of new highways and streets, rather than by the type of construction contractor, such as heavy construction contractors who pave asphalt roads, partly because source data are not available, but more importantly, because construction is an atypical activity in that it is performed in almost all industries; most establishments perform maintenance and repairs, and some perform their own new construction. Therefore, this type of activity is referred to as force-account construction.

To adequately represent construction activities in the U.S. economy, the output associated with all construction activities performed by the nonconstruction industries is redefined to the construction industry. Similarly, the intermediate and value-added inputs for this work are moved to the construction industries.
The real estate industry includes all real estate rental receipts and all imputed rents for owner-occupied housing and for buildings and equipment owned and used by nonprofit institutions primarily serving households. Rental

[^45]receipts are included in this industry because of a lack of data for individual industries. Imputed rents are included in the I-O accounts to make them consistent with the nipa's.

The I-o commodity classification system.-In this system, each commodity is assigned the code of the industry in which the commodity is the primary product. This code is then used to group the production of the commodity in the industry in which it is the primary product with its production in other industries in which it is a secondary product. In a few cases, the I-o system reclassifies sic-defined commodity groups, and a secondary product is created from an sic-defined primary product. The output of the sic-defined product is moved to the I-o-defined primary product group; therefore, the output represents the total output of the product, regardless of the classification of the establishments that produce it.
For example, in the sic system, the primary product of the newspaper industry is defined as newspaper sales and newspaper advertising. In the I-O system, the primary product of the newspaper industry is newspaper sales. The advertising component is considered to be a secondary activity; therefore, advertising receipts or output are moved to the advertising commodity group. The total output for the I-O newspaper industry remains unchanged.
Reclassifications affected a small percentage of commodities, and for most of these commodities, the values were not very large. However, some commodities had significant reclassified sales. For example, the commodity "newspapers and periodicals" ( $1-026 \mathrm{~A}$ ) has $\$ 19.9$ billion in total commodity output after $\$ 35.4$ billion was moved to the advertising commodity ( $\mathrm{I}-\mathrm{O} 73 \mathrm{D}$ ).
In several cases, there is no ro commodity classification that corresponds to an industry classification. If a commodity is the primary product of more than one sic industry, then the commodity is reclassified and given the I-O commodity number that corresponds to the I-O industry that is the largest producer of the commodity. As a result, the following detailed I-O commodities have no commodity output: Forest products (commodity 2.0701); knit outerwear mills (commodity 18.0201 ); knit underwear and nightwear mills (commodity 18.0202); knitting mills, n.e.c. (commodity 18.0203); fertilizers, mixing only (commodity 27.0202); cold-rolled

Text continues on page 55.

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

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

| Imports of goods and services |  |  |  | Federal Govermment consumption <br> expenditures and gross investment，national <br> deeiense |  |  |  | Federal Government consumption expenditures and gross investment nondefense |  |  |  | $\substack{\text { State and local government consumption } \\ \text { expenditures } \\ \text { ectuctation }}$ |  |  |  | State and local government consumption expenditures and gross investment，other |  |  |  | $\underset{\substack{\text { com. } \\ \text { modity } \\ \text { number }}}{\text { Con }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Producers＇ | $\begin{aligned} & \text { Trans- } \\ & \text { Ponta- } \\ & \text { pion } \\ & \text { cosis } \end{aligned}$ | $\begin{array}{\|c} \text { Whole- } \\ \text { sale and } \\ \text { sataid } \\ \text { traide } \\ \text { margins } \end{array}$ | $\begin{array}{\|c} \substack{\text { Purr } \\ \text { chases' } \\ \text { picess }} \end{array}$ | $\begin{gathered} \text { Producers' } \\ \text { prices } \end{gathered}$ | $\begin{aligned} & \text { portar } \\ & \text { post } \\ & \text { cosis } \end{aligned}$ |  | $\begin{gathered} \text { Pur- } \\ \text { chasers' } \\ \text { pirices } \end{gathered}$ | $\begin{aligned} & \begin{array}{l} \text { Produc- } \\ \text { prices } \end{array} \\ & \text { pric } \end{aligned}$ | $\begin{aligned} & \begin{array}{l} \text { Transs } \\ \substack{\text { ton }} \\ \text { cosis } \end{array} \end{aligned}$ |  |  | $\begin{array}{\|l\|l} \begin{array}{c} \text { Productr- } \\ \text { perices } \end{array} \end{array}$ | cost |  | $\begin{array}{\|c\|c\|} \hline \text { Purr } \\ \text { chasess } \\ \text { pices } \end{array}$ | $\begin{aligned} & \text { Prodicic. } \\ & \text { pricics } \end{aligned}$ | $\begin{aligned} & \text { Trans } \\ & \text { Tontror } \\ & \text { coron } \\ & \text { coss } \end{aligned}$ | $\begin{array}{\|c} \text { Whole } \\ \text { sale and } \\ \text { tetaid } \\ \text { trade } \\ \text { magins } \end{array}$ | $\begin{gathered} \text { Pur- } \\ \text { Chasers } \\ \text { prices } \end{gathered}$ |  |
| ${ }_{\substack{\text {－2．061 } \\-6.800}}$ |  |  |  | $2$ | $\cdots$ | $\mid$ | $\left.\begin{array}{\|r\|} \hline 2 \\ \hdashline-\quad-\quad \mid \\ -19 \\ -10 \\ 10 \end{array} \right\rvert\,$ |  |  |  |  | $\begin{array}{\|r\|} \hline 40 \\ 299 \\ 377 \\ -\quad 28 \\ -\quad 28 \end{array}$ |  | $\begin{array}{\|c\|} \hline 70 \\ 7 \\ \hline \end{array}$ | $\begin{aligned} & 40 \\ & 40 \\ & \text { an } \end{aligned}$ |  | $\left.\right\|_{9}$ | 16921 | $\begin{aligned} & 170 \\ & 880 \\ & -5,515 \end{aligned}$ | $\begin{array}{r} 1 \\ 2 \\ 3 \\ 3 \\ 4+6 \\ 5+7 \\ 78 \\ 9+10 \end{array}$ |
| －6．659 |  |  |  | $\left\|\begin{array}{r} -1 \\ 19 \\ -148 \\ 1 \end{array}\right\|$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| － |  |  |  |  |  |  |  |  |  |  |  |  |  | 32 |  |  |  | 21 |  |  |
| － |  |  |  |  |  |  |  |  |  |  |  |  |  | ． |  |  |  |  |  |  |
|  |  |  |  |  | $\underset{\sim a}{\square}$ |  |  |  |  |  |  | $\underset{\substack{20,251 \\ 6,302}}{ }$ |  |  | $\begin{gathered} 8.0 .809 \\ \hline 80,969 \end{gathered}$ | ${ }^{161}$ | － |  |  |  |
|  |  |  |  |  | $\begin{array}{r} \square \\ -\quad \\ { }_{29} \\ \hline \end{array}$ |  |  |  |  |  |  |  | $89$ |  |  |  |  |  | 9＋10 |  |
| －21，850 |  |  | 098 |  |  |  |  |  |  | 4，061 |  | 515 |  | 4，665 | － | ${ }^{108}$ | －1053 | 5，54．54 |  |  |
| $-1,587$ |  |  |  |  | ${ }^{-\quad 3}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{-1,8,89}$ |  |  |  |  |  |  |  |  | － |  | － |  | 5 | $\left.\begin{gathered} 79 \\ 79 \\ 19 \end{gathered} \right\rvert\,$ | 143 <br>  <br> 57 <br> 15 |  | 9989 | 154 <br> 1 <br> 169 |  |  |
| －38，484 |  |  |  | 505 |  |  | $\begin{aligned} & 172 \\ & 174 \\ & \hline 14 \end{aligned}$ |  |  |  | 62 <br> 17 |  |  |  | 73 <br> 98 <br> 98 | 1.059 <br> 101 | 7 3 | ${ }^{154} 4$ | －1．268 | 1819 |
| －2，80143 |  |  | ${ }_{-}^{-2,743}$ |  |  |  |  | 56 <br> 17 <br> 188 | $\mid$ |  |  | ${ }_{75}^{67}$ |  |  |  |  | ${ }_{2}^{3}$ |  |  |  |
| －6，0，06 |  |  |  | 10 |  |  | $\begin{aligned} & 109 \\ & 42 \end{aligned}$ | $\left.\begin{aligned} & 188 \\ & 680 \\ & 54 \\ & 5 \end{aligned} \right\rvert\,$ | ${ }^{+}$ | － | $\begin{aligned} & 222 \\ & 6.64 \\ & 650 \end{aligned}$ | $\begin{aligned} & 1,601 \\ & 1,654 \\ & \hline, 39 \end{aligned}$ | ＋13 | $\begin{array}{r}129 \\ 17 \\ 2 \\ \\ \hline\end{array}$ |  | ${ }_{1}^{1,065}$ | 88 |  | ${ }^{1,4075}$ |  |
| －-2.27 |  |  | $-1025$ | 40 |  |  |  |  |  | 3 |  |  |  |  | 1，944 | －1，506 |  | 161 <br> 13 | ${ }_{1}^{18065}$ | 24 24 26 |
|  |  |  |  |  |  |  |  |  |  | －99 |  |  |  | 502 |  | － 246 | 27 | ${ }_{172}^{24}$ |  | ${ }_{268}^{268}$ |
|  |  |  | －14，375 | 3，109 |  | 16 35 | 3，232 | 1，1999 | 27 32 | 82 <br> 26 <br> 2 | － | ${ }_{4}^{4} 86$ | $\begin{array}{r}146 \\ 45 \\ \hline\end{array}$ | 502 50 50 | －920 | ${ }_{2}^{2,715}$ | 180 180 | 182 <br> 185 <br> 9 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $-13$ |  |  | －13 | 365 <br> 126 | ${ }_{2}^{2}$ | 17 | 145 |  |  |  | 74 | 19 | $\cdots$ |  | 37 |  | 888 | 60 |  | 298 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 362 | ${ }^{592}$ | ${ }_{7}^{28}$ | 18 |  | ${ }_{30}$ |
| －11，528 |  |  | － $\begin{aligned} & -11,582 \\ & -1353 \\ & -1352\end{aligned}$ | ${ }^{2}, 741$ |  | 287 | $\begin{array}{r}3,195 \\ \hline 56 \\ \hline\end{array}$ | 322 | 14 15 15 | 29 <br> 39 | 381 | 5，385 | 240 |  | 6，1137 |  | $\begin{array}{r}399 \\ \hline 15\end{array}$ | 625 | 7.647 | 31 |
| －12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1160 |  |  | 172 | $33+34$ |
| ${ }_{-}^{-2,1,59}$ |  |  | － |  |  |  | 17 37 | 151 <br> 64 |  | 12 <br> 12 | ${ }_{78}{ }^{52}$ | $80$ |  | $\begin{array}{\|c} 7 \\ 9 \end{array}$ | ${ }_{91}^{81}$ | 109 |  | 34 | （346 | ${ }_{36}^{35}$ |
| －10，939 |  |  |  | 221 | $\stackrel{22}{1}$ |  | ${ }_{90}^{251}$ | 158 |  |  | 10 174 |  |  |  |  | ${ }_{7}^{80}$ | 30 | － 4 |  | 37 |
| －10，288 |  |  |  |  |  |  |  |  |  |  |  | 5 |  |  | 5 |  |  |  | 5 | ${ }_{39}^{38}$ |
| ${ }_{-}^{-1,0088}$ |  |  |  | 342 |  | ${ }^{9}$ |  |  |  |  | 61 |  |  |  |  | 11 |  |  |  | ${ }_{41}^{40}$ |
|  |  |  | －－8．51 |  |  |  |  | ${ }_{208}^{208}$ | $\bigcirc$ | ${ }_{3}^{31}$ | 251 | 456 | ${ }^{29}$ |  | 56 | 1，039 | ${ }^{53}$ | 76 | 1，268 | 42 |
|  |  |  |  | 473 | ${ }_{28}^{88}$ | 101 | 602 |  |  |  | 394 | ${ }_{86}$ |  | 9 | （1705 | $\xrightarrow{1,577}$ | ${ }_{94}^{2}$ | ${ }^{14} 2$ | 2，013 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| －5． |  |  | －5． |  |  |  |  | 135 |  |  | ${ }^{36}$ | ， |  | 38 |  |  |  |  | 8 |  |
| －7， |  |  | －7，799 | $\begin{array}{r}244 \\ 584 \\ \hline\end{array}$ |  | 35 21 |  |  | $\bigcirc$ |  | 50 58 58 | 47 |  |  | （185 | ${ }_{92}^{33}$ |  | 37 <br> 3 <br> 3 | （ ${ }_{98}^{98}$ | 50 |
| －32 |  |  | －32 | 1.185 | ${ }_{13}^{13}$ | 179 | 1.37 | ${ }^{1,679}$ |  | ${ }_{189} 18$ | ， | 1，969 |  | 501 | 2，487 | ，992 | 12 | 433 | 2.407 | 51 |
|  |  |  |  | 502 | 3 | 52 |  | 300 |  | ${ }_{66}^{12}$ | 370 | $\xrightarrow{698}$ |  |  | 878 291 | 49 | 11 | ${ }_{91}$ | － 5194 |  |
| －4，072 |  |  |  |  |  |  |  |  |  |  |  | 136 <br> 393 |  |  |  |  |  |  |  |  |
| －－25，409 |  |  | －25． | 5，904 | 16 | 107 | ${ }_{6}^{6.027}$ | 1，628 | 7 |  | 1，697 | 14 | 1 | 24 | ${ }_{39} 39$ | 567 |  | 2 | ， | 6 |
|  |  |  |  | ， |  | 165 | ${ }_{1}^{1,379}$ |  |  |  | 271 | ， |  | ${ }_{64}^{6}$ |  | ${ }^{156}$ |  |  | ${ }_{178}^{63}$ | ${ }_{58}^{58}$ |
| －58，285 |  |  | －58，88， | ， 41 | 8 |  | 1,680 <br> 1.45 |  |  | ${ }^{18}$ | ${ }_{428}^{557}$ | 1，364 | 16 | 69 | 1，448 | ${ }_{4}^{4.523}$ | ${ }_{20}^{13}$ | ＋162 | 4，798 | 59a |
| －12，153 |  |  |  | 35，971 | \％ | 205 | ${ }^{36,346}$ | 1.575 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | －14， | $8,6,38$ <br> 21,840 | 114 | 1，096 | ${ }^{8,705050}$ | 4，293 | $\cdots$ |  | 4，584 |  |  |  |  | ¢ ${ }_{\text {3，702 }}^{69}$ |  |  |  | ${ }_{62}$ |
|  |  |  |  | 1，2，298 | ， | ＋172 | 1，43 | 7 |  |  |  | ${ }^{1,102}$ | 73 | 403 | 1，513 | 1，9969 | 25 | 300 | 2， 2123 | ${ }_{6}^{62}$ |
|  |  |  |  |  |  |  |  | －127 |  |  |  | ＋1，578 |  |  | ${ }_{\text {l }}^{1,588}$ | 56 |  |  | 524 | ${ }^{64}$ |
|  |  |  |  | 3，8 |  |  |  | 9991 |  |  | 96 | 193 |  |  |  | 200 |  |  | 龶 | ${ }_{658}^{658}$ |
| －0，544 |  |  | － | 2，422 |  |  | 2，4 | 577 |  |  | 577 | 871 |  |  | 31 | 2．0．026 |  |  | ＋162 | 650 |
|  |  |  |  | 1,471 |  |  | 1，41 | ，848 |  |  | ， 848 | 3，595 |  |  | 3，58 | 4,905 |  |  | 4，903 |  |
| －695 |  |  | －695 | － |  |  |  |  |  |  | ${ }^{202}$ | 疗 |  |  | 534 | 933 |  |  | 9， | ${ }_{688}^{67}$ |
|  |  |  |  | 495 |  |  | 495 | 541 |  |  | 541 | 1，395 |  |  | l1，395 | ${ }_{253}$ |  |  | ${ }^{1.622}$ | ${ }_{68 \mathrm{C}}^{68}$ |
| 18，317 |  |  | 18，31 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }^{698} \times$ |
| ${ }_{-1,136}^{-265}$ |  |  |  |  |  |  |  | 1,030 <br> 2,280 |  |  | ＋1，030 |  |  |  |  | 106 181 |  |  | 11，100 | 析 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | A |
| －11 |  |  |  |  |  |  |  |  |  |  |  | －2，697 |  |  | －2，69 | ${ }_{3,328}$ |  |  |  | ${ }_{7218}^{72}$ |
|  |  |  |  |  |  |  |  |  |  |  |  | －1.060 <br> 2.003 |  |  | 1.060 <br> 2.020 | （1，664 |  | $\cdots$ | ${ }^{1,664}$ | 728 73 A |
|  |  |  |  | 7，126 |  |  |  |  |  |  |  | 2,003 <br> 1,908 |  | 1 | 2，020 |  |  | 7 | ${ }^{2,08}$ | $\xrightarrow{73 \mathrm{~B}}$ |
| －1， |  |  | －1，$-1,32$ <br> -635 <br> 15 | 14，210 |  |  | 14， | 7，034 |  |  | 7，034 | ${ }^{95}$ |  |  | 5.595 | ${ }^{9,5836}$ |  |  | 9，5 | 730 730 |
|  |  |  |  | 505 |  |  |  | 725 |  |  |  | －6．291 |  |  | －6，291 | 3，216 |  |  | 3.216 | 74 |
|  |  |  |  | $4{ }_{54} 4$ |  |  |  |  |  |  |  |  |  |  | 294 | －${ }_{\text {2，} 214}$ |  |  | ${ }_{-2,294}^{2,614}$ | 75 76 |
| －-43 |  |  | － $\begin{array}{r}-13 \\ -49\end{array}$ |  |  |  |  | 9，${ }_{9}^{1,672}$ |  |  | ${ }_{9}^{1,672}$ |  |  |  |  | －61，882 |  |  | －61，882 | ${ }_{778}^{77}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 182 <br> 25 | 2，433 |  |  | ， |  |
|  |  |  |  | 9，906 |  |  | 9，906 | 2，157 |  |  |  |  |  |  | 225 |  |  |  |  |  |
| －2，746 |  |  |  |  |  |  |  |  |  | －2 |  | ${ }^{768}$ |  |  | 257， 727 | ${ }^{2} 2.0935$ |  | －6 | 23,9 |  |
| －74 |  |  |  |  |  |  |  | －770 |  |  | 770 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31，63 |  |  | －631，637 | 370，795 | 882 | 3，3i0 | 374，987 | 149，615 | 168 | 1，142 | 150，225 | 310，738 | 1，045 | 4，617 | 316，400 | 406，3 | 1，637 | 7，472 | 415，4 |  |

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


Table D.-Input-Output Commodity Composition of NIPA Personal Consumption Expenditure Categories, in Producers' and Purchasers' Prices, 1992 1-0 Accounts-Continued
[Millions of dollars]


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]


Table D.-Input-Output Commodity Composition of NIPA Personal Consumption Expenditure Categories, in Producers' and Purchasers' Prices, 1992 1-0 Accounts-Continued
[Millions of dollars]

| $\begin{aligned} & \text { NIPA } \\ & \text { cat- } \\ & \text { ego } \\ & y^{1} \end{aligned}$ | NIPA description and 1-0 descriptions | Producers prices | Trans-portation costs | Wholesale and retail trade margins | Purchasers' prices | $\begin{aligned} & \text { NIPA } \\ & \text { cat- } \\ & \text { ego- } \\ & \mathrm{y}^{1} \end{aligned}$ | NIPA description and 1-O descriptions | Producers' prices | Trans-portation costs | Wholesale and retail trade margins | Purchasers' prices |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 90 | 63 Ophthalmic and photographic equipment .... 64 Miscellaneous manufacturing $\qquad$ 72B Personal and repair services (except auto) 81 Scrap, used and secondhand goods $\qquad$ <br> Wheel goods, sports and photographic | $\begin{array}{r} 1,923 \\ 13,472 \\ 15 \end{array}$ | 14 252 ..............$~$ ........$~$ | $\begin{array}{r} 1,606 \\ 14,465 \\ 8 \end{array}$ | $\begin{array}{r} 3,543 \\ 28,189 \\ 23 \\ 3 \end{array}$ |  | 65A Railroads and related services; passenger ground transportation <br> 65 C Water transportation $\qquad$ $\qquad$ <br> 65 D Air transportation <br> 708 Insurance $\qquad$ $\qquad$ <br> 73C Other business and professional sevvices, | $\begin{array}{r} 2,181 \\ 1,373 \\ 91 \end{array}$ | ${ }^{\text {............ }}$ |  | 2,181 1,373 91 $\mathbf{2}$ |
|  | equipment, boats, and pleasure aircraft (d.): <br> Total $\qquad$ | 17,347 | 217 | 12,528 | 30,092 |  | except medical $\qquad$ <br> 76 Amusements | $\begin{array}{r} 64 \\ 26,023 \end{array}$ |  |  | 64 26,023 |
|  | 13 Ordnance and accessories | 874 |  | 652 | 1,526 |  | 77B Educational and social services, and |  |  |  |  |
|  | 19 Miscellaneous fabricated textile prod | 625 | 7 | 471 | 1,103 |  | membership organizations ................. | 151 |  |  | 151 |
|  | 32 Rubber and miscellaneous plastics products | 128 | 49 | 149 | 326 |  | membership organizaro | 151 |  |  |  |
|  | $33+34$ Footwear, leather, and leather producis | 306 | 13 | 253 | 572 | 100 | Pari-mutuel net receipts (s.): |  |  |  |  |
|  | 42 Other fabricated metal products ................. | 356 | 10 | 263 | 629 |  | Total | 3,366 | ........... |  | 3,366 |
|  | 43 Engines and turbines $\qquad$ | 169 | 3 | 45 | 217 |  | 76 Amusements | 3,366 | ........... |  | 3,366 |
|  | 58 Miscelianeous electrical machinery and | 31 |  | 7 | 38 | 101 | Other recreational expenditures (s.): |  |  |  |  |
|  | 60 Aircraft and parts .................................. | 465 |  | 57 | 523 |  | Total ....................................................... | 74,579 | 69 | 1,454 | 76,102 |
|  | 61 Other transportation equipment .... | 7,132 | 67 | 2,873 | 10,072 |  | 1 Livestock and livestock products .................. | 1,410 | 68 | 538 | 2,016 |
|  | 62 Scientific and controlling instruments. | 159 |  | 60 | 220 |  | 3 Forestry and fishery products ................... | 1,412 |  | 49 | 1,462 |
|  | 63 Ophthalmic and photographic equipment .... | 1,177 | 9 | 992 | 2,178 |  | 4 Agricultural, forestry, and fishery seevices ..... | 729 |  |  | 729 |
|  | 64 Miscellaneous manufacturing ................... | 4,992 | 57 | 5,760 | 10,809 |  | 66 Communications, except radio and TV | 83 |  |  | 19,883 1.839 |
|  | 73C Other business and except medical $\qquad$ | 666 |  | 414 | 1,080 |  | 72A Hotels and lodging places | 3,496 |  |  | 3,496 |
|  | 81 Scrap, used and second | 267 |  | 532 | 799 |  | 72B Personal and repair services (except auto) | 5,318 |  |  | 5,318 |
| 91 |  |  |  |  |  |  | 73A Computer and data processing services ... | 307 |  |  | 307 |
|  |  |  |  |  |  |  | except medical ...................................... | 5.520 |  | 400 | 5,920 |
|  | Total | 33,796 | 387 | 22,857 | 57,040 |  | 76 Amusements ...... | 18,734 |  |  | 18,734 |
|  | $33+34$ Foctwear, leather, and leather products |  |  |  | 51 |  | 77A Health services .............................. | 5,108 |  |  | 5,108 |
|  | 51 Computer and office equipment ................ | 5,100 | 60 | 3,612 | 8,772 |  | 778 Educational and social services, and |  |  |  |  |
|  | 56 Audio, video, and communication |  |  |  |  |  | membership organizations | $\begin{array}{r} 982 \\ 9783 \end{array}$ |  |  | 982 9.783 |
|  | equipment $\qquad$ <br> 57 Electronic components and accessories ...... | 19,643 211 | 282 | 12,908 | 32,833 322 |  | 79 State and local government enterprises...... | 9,783 58 |  | 46 | $\begin{array}{r}9,783 \\ \hline 525\end{array}$ |
|  | 58 Miscellaneous electrical machinery and |  |  |  |  |  |  |  |  |  |  |
|  | supplies .................................................... | 1,044 | 22 | 620 | 1,686 | 103 | Higher education (s.): |  |  |  |  |
|  | 64 Miscellaneous manufacturing ..................... | 867 |  | 807 | 1,694 |  |  | 52,428 |  |  | 52,428 |
|  | 718 Real estate and royalties ...................... | $\begin{aligned} & 3,200 \\ & 2,137 \end{aligned}$ | 2 | 1,994 | 5,194 2,964 |  | $77 B$ Educational and social services, and membership organizations | 52,428 |  |  | 2,428 |
|  | 76 Amusements ......................... | 1,368 | 1 | 1,552 | 2,921 |  |  |  |  |  |  |
|  | 81 Scrap, used and secondhand goods ........................................ | 196 | ........... | 407 | 603 | 104 | Nursery, elementary, and secondary schools |  |  |  |  |
| 92 | Radio and television repair (s.): |  |  |  |  |  | Total | 23,311 |  |  | 23,311 |
|  | Radio and televion repar (s.): | 3,438 |  |  | 3,438 |  | 77B Educational and social services, and |  |  |  |  |
|  | 728 Personal and repair sevvices (except auto) | 3,064 |  | ............. | 3,064 |  | membership organizations ....................... | 23,311 | ........... |  | 23,311 |
|  | 73C Other business and professional services, except medical $\qquad$ | 374 |  |  | 374 | 105 | Other private education and research (s.): |  |  |  |  |
|  |  |  |  |  |  |  | Total ...................................................... | 20,738 |  |  | 20,738 |
| 93 | Flowers, seeds, and potted plants (n.d.): |  |  |  |  |  | 76 Amusements $\qquad$ |  |  |  | 712 |
|  | Total | $\begin{aligned} & 4,541 \\ & 4,248 \end{aligned}$ | $\begin{aligned} & 537 \\ & 537 \end{aligned}$ | $\begin{aligned} & 6,883 \\ & 6,883 \end{aligned}$ | $11,961$ $11,668$ |  | 77B Educational and social services, and membership organizations | 20,026 |  |  | 20,026 |
|  | 2 Other agricultural products $\qquad$ <br> 73 C Other business and professional services, | $4,248 \mid$ |  |  |  |  |  |  |  |  |  |
|  | except medical ..................................... | 293 |  |  | 293 | 106 | Religious and welfare activities (s.): Total | 112,314 |  |  | 112,314 |
| 95 | Motion picture theaters (s.): |  |  |  |  |  | 77 B Educational and....................................... |  |  |  |  |
|  | Total -.................................................... | 4,939 | ........... |  | 4,939 |  | membership organizations ......................... | 112,314 |  |  | 112,314 |
|  | 65 D Air transportation .................................. |  | ........... |  |  | 108 |  |  |  |  |  |
|  | 76 Amusements ...................................... | 4,808 |  |  | 4,808 | 108 | Foreign travel by U.S. residents (s.): |  |  |  |  |
|  | 77B Educational and social services, and membership organizations | 128 |  |  | 128 |  | 65C Water transportation ............................................................. | 4, 3 ,243 |  | ............... | -3,243 |
|  | membership organizaions ........................... | 128 |  |  | 128 |  | 650 Air transporation ................................................ | 12,377 |  |  | 12,377 |
| 96 | Legitimate theaters and opera, and |  |  |  |  |  | 80 Noncomparable imports ............................. | 30,323 |  |  | 30,323 |
|  | entertainments of nonprofit institutions |  |  |  |  | 109 |  |  |  |  |  |
|  | (except athletics) (s.): | 6,037 |  |  |  | 109 | Expendiures abroad by U.s. residenis (n.d.): <br> Total | 2,570 |  |  | 2,570 |
|  | 76 Amusements ................................................................ | 5,854 |  |  | 5,854 |  | 80 Noncomparable imports ............................ | 2,570 |  |  | 2,570 |
|  | 77B Educational and social services, and |  |  |  |  | 110 |  |  |  |  |  |
|  | membership organizations .................... | 183 |  |  | 183 | 110 | Expenditures in the United States by nonresidents (s.): |  |  |  |  |
| 97 |  |  |  |  |  |  | Total ..................................................... | -64,871 |  |  | -64,871 |
|  | Total .................. | 5,131 |  |  | 5,131 |  | 83 Rest of the world adjustment to final uses | -64,871 |  |  | -64,871 |
|  | 76 Amusements ............................... | 2,838 |  |  | 2,838 | 111 | Personal remittances in kind to nonresidents |  |  |  |  |
|  | 77 B Educational and social services, and |  |  |  |  |  | (n.d.): |  |  |  |  |
|  | membership organizations | 2,293 |  |  | 2,293 |  |  |  |  |  | -1,610 |
| 98 | Clubs and fratemal organizations (s.): |  |  |  |  |  | 83 Rest of the world adjustment to final uses | -1,610 |  |  | -1,610 |
|  | Total ..................................................... | 10,667 |  |  | 10,667 |  | Total personal consumption expenditures ...... | 3,551,945 |  |  |  |
|  | 76 Amusements ...................................... | 7,774 |  |  | 7,774 |  | Total personal consumption expenditures ....... | 3,551,945 | 27,193 | 629,580 | 4,208,718 |
|  | 778 Educational and social services, and membership organizations $\qquad$ | 2,893 |  |  | 2,893 |  | Total durable commodities (d.) ...................... | 282,064 | 8,239 | 180,476 | 470,779 |
| 99 |  |  |  |  |  |  | Total nondurable commodities (n.d.) | 855,509 | 18,861 | 446,541 | 1,320,911 |
|  | Total $\qquad$ | 29,885 |  |  | 29,885 |  | Total services (s.) ............................................... | 2,414,372 | 93 | 2,563 | 2,417,028 |

[^46]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]

| $\begin{aligned} & \begin{array}{l} \text { N1PA } \\ \text { cet- } \\ \text { ego- } \end{array} \\ & y^{1} \end{aligned}$ | NIPA description and t-O descriptions | $\begin{aligned} & \text { Produc- } \\ & \text { ersc' } \\ & \text { prices } \end{aligned}$ | $\begin{gathered} \text { Trans- } \\ \text { Poration } \\ \text { costs } \end{gathered}$ | Whole sale and retail margins | Purprices | $\begin{gathered} \mathrm{NPPA} \\ \text { cat- } \\ \text { ego- } \\ \text { ry }{ }^{1} \end{gathered}$ | NIPA description and 1-O descripions | $\begin{gathered} \text { Produc- } \\ \text { ersc } \\ \text { prices } \end{gathered}$ | $\begin{gathered} \text { Trans- } \\ \text { portation } \\ \text { costs } \end{gathered}$ | $\begin{gathered} \text { Whole } \\ \text { sale and } \\ \text { retaid } \\ \text { trade } \\ \text { margins } \end{gathered}$ | Purchasers' prices |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5 | Computers and peripheral equipment: <br> Total <br>  $\qquad$ <br> 73A Computer and data processing sevices $\qquad$ | $\begin{array}{r} 36,139 \\ 32,698 \\ 3,441 \end{array}$ | 390 | 7,051 | $\begin{aligned} & 43,580 \\ & 40,139 \\ & 3441 \end{aligned}$ |  | 50 Miscellaneous machinery, except electrical 738 Legal, engineering, accounting, and related services <br> 81 Scrap used and secondhand goods | $\xrightarrow{1,127}$ | ${ }^{1}$ | 907 | 875 |
| 6 | Office equipment except computers: Total $\qquad$ | 4,360 | ${ }^{63}$ | 1,727 | 6,150 | 16 | Electrical transmission, distribution, and industrial apparatus: |  |  |  |  |
|  | 50 Miscellaneous machinery, except electrical ... | 539 | 13 | 134 | 588 |  | Total ..-x | 13,084 | 250 | 1,516 | 14,850 |
|  | 51. Computer and office equipment ............. | 3,317 | 50 | 1,260 | 4,627 |  | 47 Metelworking machinery and equipment | 1,001 | 36 |  | 1,200 |
|  | 73 L Legal, engineering, accounting, and related | 451 |  |  | 451 |  | 53 Electrical industrial equipment and apparatus 62 Scientic and | 6,826 4.256 | 187 27 | 1,078 | 8,091 4,558 |
|  | 81 Scrap, used and secondhand goods | 53 |  | 433 | 486 |  | 738 Legal, engineering, accounting, and related senvices $\qquad$ | 1,001 |  |  | 1,001 |
| 7 | Communication equipment: |  |  |  |  |  |  |  |  |  |  |
|  | Total $\qquad$ | 43,664 29 |  | 3,889 | 47,806 29 | 18 | Trucks, buses, and truck trailers: Total | 31,253 | 823 |  | 36,155 |
|  | 38 Primary nonferrous metals manufacturing ..... | 52 |  | ${ }^{8}$ | 61 |  |  | 27,995 | 758 | ${ }_{3,236}^{4,07}$ | 31,989 |
|  | ${ }_{56} 51$ Aumputer ard and ofitice equipment | 24,445 | 175 | 3,098 | 27,718 |  | 598 Truck and bus bodies, traiers, and mot |  | 65 |  |  |
|  | 58 Miscolianeous electrical machinery and |  |  |  | 21,789 |  | 81 Scrap, used and secondhand goods ......... | -1,723 |  | 482 | -1,241 |
|  | 62 Scientific and condinoling instume | $\begin{aligned} & 1,304 \\ & 9,693 \end{aligned}$ | $\begin{aligned} & 15 \\ & 61 \end{aligned}$ | $\begin{aligned} & 280 \\ & 483 \end{aligned}$ | 1,599 <br> ro,237 | 19 | Autos: |  |  |  |  |
|  | 66 Communications, except radio and | 5,065 |  |  | 5,065 |  | Total | 24,685 | 1,270 | 6,074 | 32,029 |
|  | 73 L Legal, engineering, accounting, and related |  |  |  |  |  | 59A Motor venicles (passenger cars and trucks) |  | 1,270 |  | 54,087 |
|  | 81 Scrap, used | 2,905 |  |  | 2,905 17 |  | 81 |  |  |  | -22,58 |
|  | , |  |  |  |  | 20 | Aircraft: |  |  |  |  |
| 8 | Instruments: |  |  |  |  |  | Total | 13,536 | 43 | 142 | 13,721 |
|  | 62 Scientific and controling instrumenis..... | 21,462 | 113 | 3,691 | ${ }_{25,266}^{26,53}$ |  | 60 Aircratt and parts | 13,676 |  |  | 13,799 |
|  | ${ }_{738}^{62}$ Legal, engineering, accounting, and related |  |  |  |  |  | 62 Scientific and controling instruments | 695 |  | 42 | 744 |
|  | services | 1,269 |  |  | 1,269 |  | 81 Scrap, used and secondhand goods | -1,049 |  |  | -1,049 |
|  | 81 Scrap, used and secondhand goods .... | 28 |  |  |  | 21 | Ships and boats: |  |  |  |  |
| 9 | Photocopy and related equipment: |  |  |  |  |  | Total ...er | 1,116 | ${ }^{2}$ |  | 1,177 |
|  | Total | 9,277 |  | 3,236 | 12,571 |  | 61 Other transportation equipment | 1,085 |  | 42 <br> 17 | $\begin{array}{r}1,129 \\ \hline 8\end{array}$ |
|  | 62 Scientific and controling instruments <br> 62 Scienthalmic and photographic equipment | $\begin{aligned} & 1,406 \\ & 6,915 \end{aligned}$ | 5 5 | $\begin{array}{r} 123 \\ 3,113 \end{array}$ | 1,534 10,081 |  |  |  |  |  |  |
|  | 738 Legal, engineering, accounting, and related |  |  |  |  | 22 | Railroad equipment: |  |  |  |  |
|  | 81 Scrap, used and secondhan | 504 |  |  | 904 52 |  | 61 Other transportation equaipment | 2,648 | 43 | 20 | 2,711 |
|  | 81 Scrap, used and secondhand goods |  |  |  |  |  | 73B Legal, engineering, accounting, and related |  |  |  |  |
| 11 | Fabricated metal products: |  |  |  |  |  | 81 Scrap, used and secondhand givaluand. |  |  | 89 | ${ }_{93}^{206}$ |
|  | $5+6$ Metalicic ores mining | -620 |  |  |  |  |  |  |  |  |  |
|  | 27 A industri | 1,957 |  |  | 1,957 | 24 | Furniture and fixtures: |  |  |  |  |
|  | ${ }_{39} 37$ Primary iron and ${ }^{\text {a }}$ | ${ }_{38}^{16}$ |  |  | 16 42 |  | $22+23$ Furniture and fixtu | 15,686 | 179 | 3,862 | 21,727 |
|  | 40 Heating, plumbing, and fab |  |  |  |  |  | 73B Legal, engineering, accounting, and related |  |  |  |  |
|  | mealal products .-. | 3.612 | 26 | 387 | 4,025 |  | 81 services .......................... | 1,402 |  |  | , 1402 |
|  | 42 Other fabricated metal products ..............- | 2,388 | 108 | 424 | 2,920 |  | 81 Scrap, used and secononand gooos. |  |  | 219 |  |
|  | 738 Legal, engoneering, accounting, and related |  |  |  |  | 25 | Tractors: |  |  |  |  |
|  | services $\qquad$ | 563 |  |  | 563 |  | Total $\qquad$ | 4,188 | 183 | 2,365 | 6,726 |
| 12 | Engines and turbines: |  |  |  |  |  | machiner | 4,249 | 183 | 2,149 | 6,581 |
|  | total | 3,540 | 48 | 75 | ${ }^{3,663}$ |  | 1 Scrap, | 61 |  | 206 | 145 |
|  | 43 Engines and turbines .......uv.................. | 3 | 48 | 75 | 3,394 | 26 | Agricultural machinery, except tractors: |  |  |  |  |
|  | $73 B$ Legal, engineering, accounting, and related senvices .......................................... | 269 |  |  | 269 |  |  | 4,850 | 211 | 2,071 | 7,132 |
| 13 | Metalworking machinery: |  |  |  |  |  | machinery | 4,430 | 211 | 1,445 | 6,086 |
|  | Total ...... | 17,733 | 302 |  | 20,501 |  | 738 Legal, engineering, accounting, and related |  |  |  |  |
|  | 47 Melaworking machinery and equipment .-... | 16,651 | 302 | 2,466 | 19,419 |  | services |  |  | 626 | ${ }_{634}^{412}$ |
|  | $73 B$ Legal, engineering, accounting, and related |  |  |  |  |  |  |  |  | 626 |  |
|  | 81 Scrap, used and secondhand goods .............. | 5 |  | ${ }^{. . .}$ | $\begin{aligned} & 1,135 \\ & -53 \end{aligned}$ | 27 | Construction machin |  |  |  |  |
| 14 |  |  |  |  |  |  | $44+45$ Farm, construction, and mining |  |  | 1,642 | 8,442 |
|  | Special industry machinerr, n.e.c.: |  |  |  |  |  | machinery | 5,996 | 415 | 1,227 | 7,638 |
|  | 32 Rubber and miscellaneous plastics productic |  |  |  |  |  | 73 B Legal, engineering, accounting, and related |  |  |  |  |
|  | 42 Other fabricaled metal products ................ |  |  |  |  |  | sevices.. |  |  |  |  |
|  | 48 Special industry machinery and equipment ... | 16,820 | 332 | 2,433 | 19,585 |  | 81 Scrap, used and seconohand goods .... | -89 |  | 415 | 326 |
|  | 49 General industrial machinery and equipment | 1,029 |  | 124 |  | 28 | Mining and oilfield machinery: |  |  |  |  |
|  | 58 Miscelianeous electrical machinery....................... |  |  |  |  |  | Total .............................................. | 909 | 8 | 350 | 297 |
|  | supplies |  |  | 20 | 17 |  | 8 Crude petroleum and natural gas |  |  |  |  |
|  | $73 B$ Legal, engineering, accounting, and related |  |  |  |  |  | 44+4acharm, construction, and mining | 792 | 38 | 88 | ,008 |
|  |  |  |  | 373 | 1379 |  | 49 General industrial machinery and equipment |  |  |  | 24 |
| 15 |  |  |  |  |  |  | $73 B$ Legal, engineering, accounting, and related |  |  |  |  |
|  | 隹 |  |  |  |  |  | 81 Scrap, used and secondhand goods ......... |  |  | 169 | 170 |
|  | Tal .................................... |  |  |  |  |  |  |  |  |  |  |
|  | $44+45$ Farm, construction, and mining |  |  |  |  | 29 | Service industry machinery: | 8,116 | 113 |  |  |
|  | machinery $\qquad$ <br> 46 Materials handing machinery and equipment |  |  |  |  |  | 50 Miscellaneous machinery, except electrical ... | 8,41 | 1 | ${ }_{1}^{1,879}$ | , 43 |
|  | 49 Geeneral industrial machinery and equipment |  |  |  |  |  |  |  |  |  |  |

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

| NIPA cat-ego$\mathrm{ry}^{1}$ | NIPA description and 1-O descriptions | Producers' prices | Transportation costs | Wholesale and retail trade margins | Purchasers' prices | NIPA <br> cat- <br> ego- <br> ry' | NIPA description and l-O descriptions | Producers' prices | Transportation costs | Wholesale and retail trade margins | Purchasers prices |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 30 | 52 Service industry machinery $\qquad$ <br> 73 L Legal, engineering, accounting, and related services $\qquad$ <br> 81 Scrap, used and secondhand goods $\qquad$ <br> Electrical equipment, n.e.c.: | $\begin{array}{r} 7,375 \\ 673 \\ 27 \end{array}$ | $112$ $\qquad$ -************ | $\begin{array}{\|r\|} \hline 1,878 \\ . . . . . . . . . . . . . . ~ \\ \ldots . . . . . . . . . . ~ \end{array}$ | 9,365 673 27 |  | 61 Other transportation equipment $\qquad$ 64 Miscellaneous manufacturing $\qquad$ 73B Legal, engineering, accounting, and related services $\qquad$ 81 Scrap, used and secondhand goods $\qquad$ | $\begin{array}{r} 1,008 \\ 5,365 \\ 857 \\ -93 \end{array}$ | $\begin{array}{r} 45 \\ 596 \end{array}$ | 296 1,673 ............. ...........$~$ | 1,349 7,634 857 893 |
|  |  |  |  |  |  |  |  | $\begin{aligned} & -2,006 \\ & -2,006 \end{aligned}$ | ............ | $\cdots$ | $-2,006$ $-2,006$ |
|  |  |  |  |  |  |  |  | 3,760 | 164 | 1,997 | 5,921 <br> 1,703 |
|  |  |  |  |  |  |  |  | 1,192 191 | 54 | 557 | 703 249 |
| 31 |  |  |  |  |  |  |  | $\begin{array}{r}15 \\ 2,294 \\ \hline\end{array}$ | 108 | [ ${ }^{8} 8$ | 249 34 3,852 |
|  |  |  |  |  |  |  |  | 68 | 1 | 24 | 93 |
|  |  |  |  |  |  |  |  | 331,344 | 6,652 | 60,999 | 398,995 |
|  |  |  |  |  |  |  |  | 327,584 | 6,488 | 59,002 | 393,074 |
|  |  |  |  |  |  |  |  | 3,760 | 164 | 1,997 | 5,921 |

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

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

To show the relationship between the production of commodities and their purchase by intermediate and final users, commodities are shown as if they move directly to users. Wholesale and retail trade margins on commodities are shown as purchases by users and are included in the trade rows of use table 2.1 (rows 69 A 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 $65 \mathrm{~A}-\mathrm{E}$ and 68 B ).

Wholesale trade has one primary productdistributive 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 productdistributive 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 69 в).

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 65 C and 65 D , column 95) to be netted against balance of payments estimates of the total imports of transportation services. The duty is subtracted from the wholesale trade row (row 69A, column 95). The net result of including domestic port value in the commodity row and subtracting the transportation charges and duty in the transportation and wholesale rows is the foreign port value for the import.

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

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

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

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

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

|  | Total | Goods | Services |
| :---: | :---: | :---: | :---: |
| Exports, NIPA's | 639,416 | 448,671 | 190,745 |
| Less: U.S merchandise returned .................. | 11,817 | 11,817 |  |
| Reexports .............................. | 22,392 | 22,392 |  |
| Foreign-to-foreign transactions ............ | 582 |  | 582 |
| Statistical differences, 1-0 ${ }^{1}$............ | 2,015 |  | 2,015 |
| Equals: Exports, to ............................. | 602,610 | 414,462 | 188,148 |
| Imports, NIPA's | 668,959 | 544,855 | 124,104 |
| Less: U.S merchandise retumed .................. | 11,817 | 11,817 |  |
| Reexports | 22,392 | 22,392 |  |
| Foreign-to-foreign transactions ............ | 582 |  | 582 |
| Statistical differences, 1-0 ${ }^{1}$................ | 2,531 |  | 2,531 |
| Equals: Imports, to ................................... | 631,637 | 510,646 | 120,991 |
| Net exports, NIPA's ..... | -29,543 | -96,184 | 66,641 |
| Net exports, 1-O .......................................... | -29,027 | -96,184 | 67,157 |

1. Consist of statistical revisions in the BPA's that have not yet been incorporated in the NiPA's.
product accounts
1-O Input-output accounts
port of exit are included in the rows for transportation (rows $65 \mathrm{~A}-\mathrm{E}$ and 68B) and for trade (rows 69a and 69в) in table 2.1.

Change in business inventories, another component of final uses, is measured by commodity at the book-value change reported by industries in the economic censuses. The inventory valuation adjustment, which is needed to remove inventory profits or losses from total gross domestic product in the I-O accounts, is shown as a single entry in table 2.1 (row 85, column 93). In the 1992 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 $\mathrm{I}-\mathrm{o}$ accounts and the NIPA's. They present the i-o commodity composition of nipa final demand in producers' and purchasers' prices. Specifically, table $C$ presents the composition of all NIPA final-demand components; table $D$, the composition of personal consumption expenditures categories shown in
nipa table 2.4; and table E, the composition of nipa producers' durable equipment categories shown in NIPA table 5.8. ${ }^{24}$
Table F presents a reconciliation of the $\mathrm{I}-\mathrm{O}$ 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.

[^47]
## Appendix A.-Classification of Industries in the 1992 Benchmark Input-Output Accounts

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


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

| 1-0 industry number and title |  |  | Related 1987 SIC codes |  |  | 1-0 industry number and title | Related 1987 SIC codes |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 17 | Miscellaneous textile goods and floor coverings: |  |  |  | 27.0406 | Chemicals and chemical preparations, n.e.c. ........... | 2899 |
|  | $\begin{aligned} & 17.0100 \\ & 17.0600 \end{aligned}$ | Carpets and rugs | 227 | 278 |  |  |  |
|  | 17.0700 | Tire cord and fabrics ........................................................... | 2296 |  | 27.0201 | Nitrogenous and phosphatic fertilizers. | 2873-4 |
|  | 17.0900 | Cordage and twine ........................................................... | 2298 |  | 27.0202 | Fertilizers, mixing only ................................................ | 2875 |
|  | 17.1001 | Nonwoven fabrics ................................................. | 2297 |  | 27.0300 | Pesticides and agricultural chemical...................... | 2879 |
|  | 17.1100 | Textile goods, n.e.c. ............................................ | 2299 |  |  | Pestides and agnulural chemicas, n.e.c. |  |
| 18 | Apparel: |  |  | 28 | Plastic | synthetic materials: |  |
|  | ${ }^{\text {apporer }}$ | Women's hosiery, except socks .............................. | 2251 |  | 28.0100 | Plastics materials and resins ................................ | 2821 |
|  | 18.0102 | Hosiery, n.e.c. ........................................................................... | 2252 |  | 28.0200 | Synthetic rubber .............................................. | 2822 |
|  | 18.0201 |  | 2253 |  | 28.0300 | Cellulosic manmade fibers .................................. | 2823 |
|  | 18.0202 | Knit underwear and nightwear mills ....................... | 2254 |  | 28.0400 | Manmade organic fibers, except cellulosic .............. | 2824 |
|  | 18.0203 | Kniting mills, n.e.c. ............................................ | 2259 |  |  |  |  |
|  | $\begin{aligned} & 18.0300 \\ & 18.0400 \end{aligned}$ | Knit fabric mills $\qquad$ Apparel made from purchased materials $\qquad$ | $\begin{aligned} & 2257-8 \\ & 231-8 \end{aligned}$ | 29A | $\begin{aligned} & \text { Drugs: } \\ & 29.0100 \end{aligned}$ | Drugs | 283 |
| 19 | Miscellaneou | ous fabricated textile products: |  | 298 | Cleanin | ad toilet preparations: |  |
|  | $19.0100$ | Curtains and draperies ...................................... | 2391 |  | 29.0201 | Soap and other detergents ................................... | 2841 |
|  | $19.0200$ | Housefurnishings, n.e.c. ......................................... | 2392 |  | 29.0202 | Polishes and sanitation goods ........................................................ | 2842 |
|  | 19.0301 | Textle bags .................................................... | 2393 |  | 29.0203 | Surface active agents ............. | 2843 |
|  | $\begin{aligned} & 19.0302 \\ & 19.0303 \end{aligned}$ | Canvas and related products $\qquad$ Pleating and stitching | 2394 2395 |  | 29.0300 | Toilet preparations ..... | 2844 |
|  | $19.0304$ | Automotive and apparel trimmings ...................................................... | 2396 |  |  |  |  |
|  | $19.0305$ | Schiffi machine embroideries ................................................ | 2397 | 30 | Paints and | allied products: |  |
|  |  | Fabricated textile products, n.e.c. .................................... | 2399 |  | 30.0000 | Paints and allied products ................................ | 285 |
| $20+21$ | Lumber and wood products |  |  | 31 | Petroleum | refining and related products: |  |
|  | 20.0100 | Logging .......... | 241 |  | 31.0101 | Petroleum refining ....................................................... | 291 |
|  | 20.0200 | Sawmils and planing mills, general ...................... | 2421 |  | 31.0102 | Lubricating oils and greases ............................... | 2992 |
|  | 20.0300 | Hardwood dimension and flooring mills .................. | 2426 |  | 31.0103 | Products of petroleum and coal, n.e.c. ................... | 2999 |
|  | 20.0400 | Special product sawmills, n.e.c. ............................. | 2429 |  | 31.0200 | Asphalt paving mixtures and blocks ....................... | 2951 |
|  | $\begin{aligned} & 20.0501 \\ & 20.0502 \end{aligned}$ | Millwork $\qquad$ <br> Wood kitchen cabinets $\qquad$ | 2431 |  | 31.0300 | Asphalt felts and coatings .................................... | 2952 |
|  | 20.0600 | Veneer and plywood .................................................................. | 2435-6 | 32 | Rubber a | miscellaneous plastics products: |  |
|  | 20.0701 | Structural wood members, n.e.c. ........................... | 2439 |  | 32.0100 | Tires and inner tubes | 301 |
|  | 20.0702 | Prefabricated wood buildings and components ......... | 2452 |  | 32.0200 | Rubber and plastics footwear ................................................... | 302 |
|  | 20.0703 | Mobile homes , ................................................. | 2451 |  | 32.0300 | Fabricated rubber products, n.e.c. ......................... | 306 |
|  | 20.0901 | Wood pallets and skids ................................................................................ | 2448 |  | 32.0450 | Miscellaneous plastics products, n.e.c. ................... | 308 |
|  | 20.0903 | Wood products, n.e.c. ........................................ | 2499 |  | 32.0500 | Rubber and plastics hose and belting ...................... | 3052 |
|  | 20.0904 | Reconstituted wood products ................................. | 2493 |  | 32.0600 | Gaskets, packing, and sealing devices ................... | 3053 |
|  | 21.0000 | Wood containers, n.e.c. ...................................... | 2441, 2449 | 33+34 | Footwear | leather, and leather products: |  |
| 22+23 | Fumiture and fixtures: |  |  |  | 33.0001 | Leather tanning and finishing ............................... | 311 |
|  | 22.0101 | Wood household furniture, except upholstered .......... | 2511 |  | 34.0100 | Boot and shoe cut stock and findings .................... | 313 |
|  | 22.0102 | Household furniture, n.e.c. .................................. | 2519 |  | 34.0201 | Shoes, except rubber ........................................ | 3143-4, 3149 |
|  | 22.0103 | Wood television and radio cabinets ....................... | 2517 |  | 34.0202 | House slippers ................................................. | 3142 |
|  | 22.0200 | Upholstered household furniture ............................. | 2512 |  | 34.0301 | Leather gloves and mittens .................................. | 315 |
|  | 22.0400 | Mattresses and bedsprings ............................................ | 2515 |  | 34.0302 | Luggage ....................................................... | 316 |
|  | 23.0100 | Wood office furniture ...................................................... | 2521 |  | 34.0303 | Women's handbags and purses ............................ | 3171 |
|  | 23.0200 | Office furniture, except wood .................................................. | 2522 |  | 34.0304 | Personal leather goods, n.e.c. ............................... | 3172 |
|  | 23.0300 | Public building and related furniture ............................................... | 253 |  | 34.0305 | Leather goods, n.e.c. ........................................... | 319 |
|  | 23.0400 | Wood paritions and fixtures ............................... | 2541 | 35 |  |  |  |
|  | 23.0500 | Parritions and fixtures, except wood ..................... | 2542 | 35 |  | glass products: |  |
|  | 23.0600 23.0700 | Drapery hardware and window blinds and shades .... | 2591 2599 |  | $\begin{aligned} & 35.0100 \\ & 35.0200 \end{aligned}$ | Glass and glass producis, except containers <br> Glass containers $\qquad$ | 321, 3229, 323 <br> 3221 |
| 24 | Paper and allied products, except containers: |  |  | 36 | Stone and | clay products: |  |
|  | 24.0100 | Pulp mills ....................................................... | 261 |  | 36.0100 | Cement, hydraulic ............................................... | 324 |
|  | 24.0400 | Envelopes ........................................................ | 2677 |  | 36.0200 | Brick and structural clay tile ................................ | 3251 |
|  | 24.0500 | Sanitary paper products ...................................... | 2676 |  | 36.0300 | Ceramic wall and floor tile .................................. | 3253 |
|  | 24.0701 | Paper coating and glazing .................................... | 2671-2 |  | 36.0400 | Clay refractories .............................................. | 3255 |
|  | 24.0702 | Bags, except textile .......................................... | ${ }_{2675}^{2673-4}$ |  | 36.0500 | Structural clay products, n.e.c. ............................. | 3259 |
|  | 24.0703 24.0705 | Die-cut paper and paperboard and cardboard ........... Stationery, tablets, and related products $\qquad$ | 2678 |  | 36.0600 | Vitreous china plumbing fixtures ........................... | 3261 |
|  | 24.0706 | Converted paper products, n.e.c. ............................... | 2679 |  | 36.0701 36.0702 | Vitreous china table and kitchenware .... | 3262 |
|  | 24.0800 | Paper and paperboard mills ................................. | 262-3 |  | 36.0800 | Porcelain electrical supplies ................................... | 3264 |
| 25 | Paperboard containers and boxes: |  |  |  | 36.0900 | Pottery products, n.e.c. ..................................... | 3269 |
|  | 25.0000 | Paperboard containers and boxes .......................... | 265 |  | 36.1000 | Concrete block and brick ..................................... | 3271 |
| 26A | Newspapers and periodicals: |  |  |  | 36.1100 | Concrete products, except block and brick ............... | 3272 |
|  |  |  |  |  | 36.1200 | Ready-mixed concrete ......................................... | 3273 |
|  | $\begin{aligned} & 26.0100 \\ & 26.0200 \end{aligned}$ | Newspapers ................................................................... | 271 |  | 36.1300 | Lime .............................................................. | 3274 |
|  |  |  |  |  | 36.1400 | Gypsum products ............................................. | 3275 |
| 268 | Other printing and publishing: |  |  |  | 36.1500 | Cut stone and stone products ............................. | 328 |
|  | 26.0301 | Sook publishing ............................................... | 2731 |  | 36.1600 | Abrasive products ............................................. | 3291 |
|  | 26.0302 | Book printing ..................................................... | 2732 |  | 36.1700 | Asbestos products ................................................ | 3292 |
|  | ${ }^{26.0400}$ | Miscellaneous publishing ....................................... | 274 |  | 36.1900 | Minerals, ground or treated .................................. | 3295 |
|  | 26.0501 | Commercial printing ................................................... | 275 |  | 36.2000 | Mineral wool ......... | 3296 |
|  | 26.0601 | Manifold business forms ...................................... | 276 |  | 36.2100 | Nonclay refractories .......................................... | 3297 |
|  | 26.0700 |  | 277 |  | 36.2200 | Nonmetallic mineral products, n.e.c. ....................... | 3299 |
|  | 26.0802 | Bookbinding and related work ................................................................ | 2789 | 37 | Primary i | n and steel manutacturing: |  |
|  | 26.0803 | Typesetting .......................................................................... | 2791 |  | 37.0101 | Blast furnaces and steel mills ................................ | 3312 |
|  | 26.0806 | Platemaking and related services ........................... | 2796 |  | 37.0102 | Electrometallurgical products, except steel ..................................... | 3313 |
| 27A | Industrial and other chemicals: |  |  |  | 37.0103 | Steel wiredrawing and steel nails and spikes .................... | 3315 |
|  |  |  | 281, 2865, 2869 |  | 37.0104 | Cold-rolled steel sheet, strip, and bars ................... | 3316 |
|  | 27.0401 | Gum and wood chemicals ......................................... | $2861^{1}$ |  | 37.0105 | Steel pipe and tubes ......................................... | 3317 |
|  | 27.0402 | Adhesives and seaiants ........................................................... | 2891 |  | 37.0200 | Iron and steel foundries ...................................... | 332 |
|  | 27.0403 | Explosives ....................................................................................... | 2892 |  | 37.0300 | Iron and steel forgings ...................................... | 3462 |
|  | 27.0404 | Printing ink ..................................................... | 2893 |  | 37.0401 | Metal heat treating ........................................... | 3398 |
|  | 27.0405 | Carbon black ..................................................... | 2895 |  | 37.0402 | Primary metal products, n.e.c. ..................... | 3399 |

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


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


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


## 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.]

| l-O number | 1-0 title | 1-0 number | 1-0 title |
| :---: | :---: | :---: | :---: |
| VA <br> 88.0000 <br> 89.0000 <br> 90.0000 | VALUE ADDED | 98.0012 | Stale and local government gross investment, public educational facilities beyond high school |
|  | Total value added Compensation of employees Indirect business tax and nontax liability Other value added | 98.0013 | State and local government gross investment, other education and libraries |
|  |  |  | State and local |
|  | FINAL USES | 99.1001 | State and local government consumption expenditures, hospitals and categorical health programs |
| $\begin{aligned} & 91 \\ & 91.0000 \end{aligned}$ | Personal consumption expenditures: Personal consumption expenditures | 99.10C2 | State and local government consumption expenditures, public weliare institutions and activities |
|  | Gross private fixed investment: Gross private fixed investment | 99.20 C 1 | State and local government consumption expenditures, police |
| 92.0000 |  | 99.20 C 2 | State and local government consumption expenditures, fire fighting organizations and auxiliary services |
| $\begin{aligned} & 93 \\ & 93.0000 \end{aligned}$ | Change in business inventories: Change in business inventories | $\begin{aligned} & 99.20 \mathrm{C} 3 \\ & 99.30 \mathrm{Cl} \end{aligned}$ | State and local government consumption expenditures, correctional institutions State and local government consumption expenditures, public highways (excluding non-capital expenditures of toll roads) |
| $\begin{aligned} & 94 \\ & 94.0000 \end{aligned}$ | Exports of goods and services: Exports of goods and services | 99.30C8 | State and local government consumption expenditures, natural and agricultural resources and recreation facilities |
| $\begin{aligned} & 95 \\ & 95.0000 \end{aligned}$ | imports of goods and services: Imports of goods and services | 99.30 C 9 | State and local government consumption expenditures, other general government activities n.e.c. |
| $\begin{aligned} & 96 \mathrm{C} \\ & 96.00 \mathrm{CO} \end{aligned}$ | Federal Govemment consumption expenditures, national defense: Federal Government consumption expenditures, national defense | $\begin{aligned} & 99 \mathrm{C} \\ & 99.111 \end{aligned}$ | State and local government gross investment, other: <br> State and local government gross investment, hospitals and categorical health programs |
| $\begin{aligned} & { }_{96.0010} \\ & 9610 \end{aligned}$ | Federal Government gross investment, national defense: Federal Government gross investment, national defense | 99.1012 | State and local government gross investment, public welfare institutions and activities |
|  |  | 99.1013 | State and local government gross investment, public sewerage systems |
| $\begin{aligned} & 97 \mathrm{C} \\ & 97.00 \mathrm{CO} \end{aligned}$ | Federal Govermment consumption expenditures, nondefense: Federal Government consumption expenditures, nondefense | 99.2011 99.2012 | State and local government gross investment, police |
| 971 <br> 97.0010 | Federal Govermment gross investment, nondefense: Federal Government gross investment, nondefense | $\begin{aligned} & 99.2012 \\ & 99.2013 \\ & 99.3011 \end{aligned}$ | State and local government gross investment, fire fighting organizations and auxiliary services <br> State and local government gross investment, correctional institutions State and local government gross investment, public highways |
| $98 C$ 98.00 Cl | State and local government consumption expenditures, education: <br> State and local government consumption expenditures, elementary and second- <br> ary public school systems <br> State and local government consumption expenditures, public educational facilities beyond high school <br> State and local government consumption expenditures, other education and libraries | $\begin{aligned} & 99.3012 \\ & 99.3013 \end{aligned}$ | State and local government gross investment, waterports and airports <br> State and local government gross investment, government-operated transit systems |
| $98.00 C^{2}$ |  | $\begin{aligned} & 99.3014 \\ & 99.3015 \end{aligned}$ | State and local government gross investment, other commerce activities, n.e.c. State and local government gross investment, gas and electric utilities |
| 98.0003 |  | 99.3016 | State and local government gross investment, government-operated water supply facilities |
| $\begin{aligned} & 981 \\ & 98.0011 \end{aligned}$ | State and local government gross investment, education: <br> State and local government gross investment, elementary and secondary public school systems | 99.3017 99.3018 99.3019 | State and local government gross investment, redevelopment projects <br> State and local government gross investment, natural and agricultural resources and recreation facilties <br> State and local government gross investment, other general government activities n.e.c. |

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

| Industry number | For the distribution of industries producing a commodity, read the column for that commodity <br> For the distribution of commodities produced by an industry, read the row for that industry | Livestock and livestock products | $\begin{gathered} \text { Other agri- } \\ \text { cultural } \\ \text { products } \end{gathered}$ | Forestry products | Agricultural, forestry, fishery senvices | $\begin{aligned} & \text { Metallic } \\ & \text { oress } \\ & \text { mining } \end{aligned}$ | $\begin{gathered} \text { Coal } \\ \text { mining } \end{gathered}$ | $\left\lvert\, \begin{gathered} \text { Crude } \\ \text { petroleum } \\ \text { and } \\ \text { natural gas } \end{gathered}\right.$ | Nonmetallic minerals mining | New construction | Maintenance and repair construction |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Commodity number | 1 | 2 | 3 | 4 | 5+6 | 7 | 8 | 9+10 | 11 | 12 |
|  | Livestock and livestock | 89,375 |  |  |  |  |  |  |  |  |  |
| 2 |  |  | 10, ${ }^{\text {a }}$, | 2,047 | 1,051 |  |  |  |  |  |  |
| $\stackrel{3}{4}$ | Forestry and fishery products |  |  | 9,613 | 28,251 |  |  |  |  |  |  |
| 5+6 |  |  |  | ${ }^{\circ} \times$................... |  | 10,726 |  |  | 11 |  |  |
|  | Coal mining |  | …............. | .." | , |  | 26,907 |  | 2 |  |  |
| 9+10 ${ }^{8}$ | Crude petroleum and natural gas |  |  |  |  |  |  | 97,613 | , 20 |  |  |
|  |  |  |  | .-.................. | ${ }^{\text {a }}$.................... |  |  |  |  | 466,949 |  |
| 12 | Maintenance and repar construction |  |  |  |  |  |  |  |  |  | 222,381 |
| 14 | Food and kindred products. |  |  |  |  |  |  |  |  |  |  |
| 15 | Tobacco products |  |  |  |  |  |  |  |  |  |  |
| 16 | Broad and narrow fabrics, yarn and thread mills .............................................................. |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |
| 19 | Miscellaneous fabricated textile products..................................... |  | ... | ............ |  | ... | .... |  |  |  |  |
| $20+21$ | Lumber and wood products .................................. |  |  |  |  |  |  |  |  |  |  |
| 22+23 |  |  |  |  |  |  |  |  |  |  |  |
| 25 | Paperboard containers and boxes ............................................................................... |  |  |  |  |  |  |  |  |  |  |
| 26 A | Newspapers and periodicals ........................................................................................... |  |  |  |  |  |  |  |  |  |  |
| 27 A |  |  |  |  |  |  |  | 10 | 3 |  |  |
| 278 | Agricultural fertilizers and chemicals ........................................................................... |  |  |  |  |  |  |  | 1 |  |  |
| 298 | Pastics and synthetic materials ................................................................................... |  |  |  |  |  |  |  |  |  |  |
| 298 |  |  |  |  |  |  |  |  |  |  |  |
|  | Paints and allied products |  |  |  |  |  |  |  |  |  |  |
| 31 32 | Petroleum retining and related products ................................................................. |  |  |  |  |  |  |  | 127 |  |  |
| 33+34 | Footwear, leather, and leather products .... |  |  |  |  |  |  |  |  |  |  |
| ${ }_{36} 35$ | Glass and glass products ........ |  |  |  |  |  |  |  |  |  |  |
| 36 37 | Stone and clay products |  |  |  |  |  |  |  | 19 |  |  |
| 38 | Primary nonferrous metals manutacturing . |  |  |  |  |  |  |  |  |  |  |
| 39 | Metal containers |  |  |  |  |  |  |  |  |  |  |
| 40 | Heating, plumbing, and fabricated structural metal p |  |  |  |  |  |  |  |  |  |  |
| 41 | Screw machine products and stampings ...................................................................... |  |  | ............ |  | ................ | ................. |  |  |  |  |
| 42 | Other fabricated metal products |  |  |  |  |  |  |  |  |  |  |
| $44+45$ | Farm, construction, and mining machinery |  |  |  |  |  |  |  |  |  |  |
|  | Materials handling machinery and equipment ................................................................. |  |  |  |  |  |  |  | ... | ................. |  |
| 47 | Metalworking machinery and equipment | ............... | ........... | ......... | ........ | ................ | ................. | .- | ................ | ................ |  |
| 49 | General industrial machinery and equipment |  |  |  |  |  |  |  |  |  |  |
| 50 | Miscellaneous machinery, except electrical |  |  |  |  |  |  |  |  | -............... |  |
| $\begin{aligned} & 51 \\ & 52 \end{aligned}$ | Computer and office equipment |  |  |  |  |  |  |  |  |  |  |
|  | Electrical industrial equipment and |  |  |  |  |  |  |  |  |  |  |
|  | Household appliances |  |  |  |  |  |  |  |  |  |  |
|  | Electric lighting and wiring | ............... |  | ... | ................ | ....... |  |  |  | .-............... |  |
| 57 |  |  |  |  |  |  |  |  |  |  |  |
| 58 | Miscellaneous electrical machinery and |  |  |  |  |  |  |  |  |  |  |
|  | Motor vehicles (passenger cars and trucks) ....... |  |  |  |  |  |  |  |  |  |  |
| 598 | Truck and bus bodies, trailers, and motor vehicles parts |  |  |  | ..... |  |  |  |  |  |  |
| 61 | Other transportation equiioment |  |  |  |  |  |  |  |  |  |  |
| 6 | Scientific and controling instrume |  |  |  |  |  |  |  |  |  |  |
| $6{ }_{64}^{63}$ | Opthalmic and photographic equis | ......... |  | -........... | ................ |  |  |  |  |  |  |
| 65A | Miscelaneous manuacuring .................. |  |  |  |  |  |  |  |  |  |  |
| 658 | Motor fright transportation and warehousing .... | ... |  |  |  |  | ................ |  |  |  |  |
| 6550 | Water transportation .................................... |  |  |  |  |  |  |  |  |  |  |
| 655 |  |  |  |  |  |  |  |  |  |  |  |
| A | Communications, except radio and TV ...... |  |  |  |  |  |  |  |  |  |  |
| 67 | Radio and TV broadcasting ................ |  |  | ..... | ................. | ...... | ...... |  |  |  |  |
| 68 A | Electric semvices (utilities)...........i.i.e. | ..............." | ........... |  |  |  |  |  |  |  |  |
| 68 C | Water and sanitary services ..... |  |  |  |  |  |  |  |  |  |  |
| 69A | Wholesale trade |  |  |  |  |  |  |  |  |  |  |
| 9 | Retail tra |  |  |  |  | ................ | ..... |  |  |  |  |
| 708 | Finance |  |  |  |  |  |  |  |  |  |  |
| 71 A | Owner-ocupied dweling. |  |  |  |  |  |  |  |  |  |  |
| A | Real estate and royalies .... |  |  |  |  |  |  |  |  |  |  |
| A | Hotels and lodging places .... |  |  |  |  |  |  |  |  |  |  |
| B | Personal and repair services (except auto) |  | ......... | ... | .-. | ..... |  |  |  |  |  |
| 73 A | Computer and data processing services |  | ....... | $\cdots$ | .... | ....... | .... | ................ |  |  |  |
| ${ }_{73 \mathrm{C}}$ | Legal, engineering, accountig, and eraled senices ................................................... |  |  |  | $\cdots$ |  |  |  |  |  |  |
| 730 | Advertising |  |  |  |  |  |  |  |  |  |  |
| 74 | Eating and drinking places. |  |  |  |  |  |  |  |  |  |  |
| 75 | Automotive repair and services |  |  |  |  |  |  |  |  |  |  |
| 76 | Amusements ...................................... |  | ......... | ......... |  |  |  |  |  |  |  |
| 77 A |  |  |  |  |  |  |  |  |  |  |  |
| 778 | Educational and social services, and membership organizations .... <br> Federal Government enterprises |  |  |  |  |  |  |  |  |  |  |
| 79 | State and local government enterprises |  |  |  |  |  |  |  |  |  |  |
| 82 | eral government industry ..... |  |  |  |  |  |  |  |  |  |  |
| 84 | hold industry ...... |  |  |  |  |  |  |  |  |  |  |
|  | ory valuation adjus |  |  |  |  |  |  |  |  |  |  |
|  | comm | 89,375 | 104,546 | 11,865 | 29,805 | 10,739 | 26,917 | 97,623 | 12,283 | 456,949 | 222,381 |

by Industries, 1992
at producers' prices]


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

| Industry number | For the distribution of industries producing a commodity, read the column for that commodity <br> For the distribution of commodities produced by an industry. read the row for that industry | $\begin{aligned} & \text { Plastics } \\ & \text { and } \\ & \text { synthetic } \\ & \text { satericis } \end{aligned}$ | Drugs | Cleaning preparations | Paints and allied products | Peiroleum refining and related products | Rubber and miscellaneous plastics products | Footwear leather leather products | $\begin{gathered} \text { Glass and } \\ \text { glass } \\ \text { products } \end{gathered}$ | $\begin{gathered} \text { Stone and } \\ \text { clay } \\ \text { products } \end{gathered}$ | Primary iron and steel manutacturing |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Commodity number | 28 | 29A | 298 | 30 | 31 | 32 | 33+34 | 35 | 36 | 37 |
| 12234$5+6$78$9+10$11121314151616171819$20+21$$22+23$2425264268$27 A$$27 B$28$29 A$298303132$33+34$353637383940414243444445464748495051 | Livestock and livestock products |  |  |  |  |  |  |  |  |  |  |
|  | Other agricultural products ........ |  |  |  |  |  |  |  |  | ${ }^{\prime \prime}$ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | Coal mining |  |  |  |  |  | . |  |  |  |  |
|  | Crude petroleum and natural gas Nonmetallic minerals mining $\qquad$ |  |  |  |  | $\begin{array}{r} 7,654 \\ 69 \end{array} \text { : }$ |  |  |  |  |  |
|  | New construction .................. |  |  |  |  |  |  |  |  |  |  |
|  | Maintenance and repair co |  |  |  |  |  |  |  |  |  |  |
|  | Ordnance and accessories. |  |  |  |  |  |  |  |  |  | 12 |
|  | Food and kindred products... |  | 179 | 81 |  |  | 27 | 143 |  |  |  |
|  | Broad and narrow tabrics, yam and thread mills | 2,338 |  |  |  |  |  |  |  |  |  |
|  | Miscellaneous textie goods and flioor coverings | 116 |  |  |  |  | 99 | 29 |  |  |  |
|  | Apparel |  |  | 3 |  |  | 37 | 42 |  |  |  |
|  | Lumber and wood products ................ |  |  |  |  |  | 79 |  |  |  |  |
|  | Furniture and fixtures ....... |  |  |  |  |  | 67 |  | 97 |  | 17 |
|  | Paper and allied products, except con |  |  | 333 |  |  | 923 |  |  | 7 |  |
|  | Papertoard containers and boxes. |  |  |  |  |  | 303 |  |  |  |  |
|  | Newspapers and periodicals .............................................................................. |  |  |  |  |  |  | ................. |  |  |  |
|  | Industrial and other chemi | 5,575 | 469 | 1,468 | 240 | 2,136 | 294 |  |  | 117 | 26 |
|  | Agricultural fertilizers and chemicals | 334 |  |  |  |  |  |  |  |  |  |
|  | Plastics and synthetic materials ........ | 41,780 |  | 86 |  | 17 | 788 |  |  |  | 2 |
|  | Drugs | 150 | 60,829 340 | $\begin{array}{\|} 761 \\ 37,522 \end{array}$ |  | 73 | 17 | ...................... |  |  |  |
|  | Paints and allied products | 114 |  |  | 13,893 | 7 |  |  |  |  |  |
|  | Petroleum refining and related prod |  |  | 00 |  | 139,755 |  | ................ |  |  |  |
|  | Rubber and miscellaneous piastics products | 372 |  |  |  |  | 107,428 |  | 59 |  | 29 |
|  | Footwear, leather, and leather products Glass and glass products |  | .... |  |  | $\ldots$ | 34 | 9,226 | 551 |  |  |
|  | Stone and clay products |  |  | 27 |  |  | 125 |  | 49 | 1,399 |  |
|  | Primary iron and steel ma |  |  |  |  | ${ }^{-1 . . . . . . . . . . . . . ~}$ | $39 .$ |  |  |  | 2,986 |
|  | Me |  |  |  |  |  |  |  |  |  |  |
|  | Heating, plumbing, and fabricated structural |  |  |  |  |  |  |  |  |  |  |
|  | Screw machine products and stampings .... |  |  |  |  |  | [59 |  |  | ${ }^{8} 8$ | 906 |
|  | Other rabricated metal products |  |  |  |  |  |  |  |  |  | 90 |
|  | Farm, construction, and mining machinery |  |  |  |  |  |  |  |  |  | 71 |
|  | Materials handling machinery and equipme |  |  |  |  |  |  |  |  |  | 2 |
|  | Metalworking machinery and equipment |  |  |  |  |  |  |  |  |  | 54 |
|  | Speciar incustry machinery and equipment |  |  |  |  |  |  |  |  |  | 50 |
|  | Miscellaneous machinery, except electrical ... |  |  |  | , | ...". |  | ...... |  |  | 26 |
|  | Computer and office equipment $\qquad$ |  | ..... |  | ................. | ......... |  | ...... | . |  |  |
|  | Electrical industrial equipme |  |  |  |  |  |  |  |  |  | 1 |
|  | Household appliances ............................ |  |  |  |  |  |  |  |  |  | 75 |
|  | nt ........ |  |  |  |  |  |  |  |  |  | 75 |
|  | Electronic components and accessories |  |  |  |  |  |  |  |  |  | 5 |
|  | Miscollaneous electrical machinery and sup |  | ................. |  | ................. |  |  |  |  | 10 |  |
|  | Mour venicles (passengeer cars and frucks Truck and bus bodies, trailers, and motor vehicles |  |  |  |  |  |  |  |  |  |  |
|  | Aircratt and parts ........................ |  |  |  |  |  |  | ................. |  |  | 2 |
|  |  |  |  |  |  | .... |  | 1 |  |  |  |
|  | Opthalmic and photographic equipment |  |  |  |  |  |  |  |  |  |  |
|  | Miscellaneous manufacturing . |  |  |  |  |  | 133 |  |  | 4 |  |
|  | Rairrads and related sevices; passeng |  |  |  |  |  |  |  |  |  |  |
|  | Water transportation ................................ |  |  |  |  |  |  |  |  |  |  |
|  | Air transpontation |  |  |  | ................. | ....... | ................. | ................. | ...". | ..... |  |
|  | Pipelines, fright forwarders, and related services ... |  |  | .... | .... | ....... | .... | .................. | ..... |  |  |
|  | Redio and TV broadcasting |  |  |  |  |  |  |  |  |  |  |
|  | Electic services (uxitities) |  |  |  |  |  |  |  |  |  |  |
|  | Gas production and distribution (utilites) |  |  |  | ... |  | ................" |  |  |  |  |
|  | Wholesaie trade ................ |  |  |  |  |  |  |  |  |  |  |
|  | Retail trade |  |  |  |  |  |  |  |  |  |  |
|  | Finan |  |  |  |  |  |  |  |  |  |  |
|  | Insurance |  |  |  |  |  |  |  |  |  |  |
|  | Owner-occupied dwellings Real estaie and royalties |  |  | ................ | ................. |  | ................ | ................ | .... |  |  |
|  | Real estaie and royatilesHotels and lodging. places $\qquad$$\qquad$ |  |  |  |  | ............... |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | Personal and repair services (except auto) $\qquad$ |  |  |  |  |  |  |  |  |  |  |
|  | Computer and data processing services $\qquad$ Legal, engineering, accounting, and related sevices $\qquad$ |  |  |  | ................. |  |  |  |  |  |  |
|  |  |  |  |  |  | ... | ... |  |  |  |  |
|  | Advertising <br> Eating and drinking places $\qquad$ |  |  |  |  |  |  |  |  |  |  |
|  | Automotive repair and services $\qquad$ Amusements $\qquad$ |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | ........... |  |  |  |  |  |  |  |
|  | State and local government enterprises |  |  |  |  |  |  |  |  |  |  |
|  | eneral government industry.. |  |  |  |  |  |  |  |  |  |  |
|  | try. |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | Total commodity out | 50,944 | 62,321 | 40,557 | 14, | 149,831 | 111,8 | 9,5 | 17,9 | 42,291 | 73,922 |

by Industries, 1992-Continued
at producers' prices]

| $\begin{aligned} & \text { Primary non- } \\ & \text { ferrous metals } \\ & \text { manuiacturing } \end{aligned}$ | Metal containers | $\|$Heating, <br> plumbing, and <br> fabricated <br> structural <br> metal <br> proctucts | $\underset{\substack{\text { Screw } \\ \text { maxchine } \\ \text { proucta and } \\ \text { stampings }}}{ }$ | $\begin{gathered} \text { Other tab- } \\ \text { ricated metal } \\ \text { pooducts } \end{gathered}$ | Engines and | Farm, construction, machinery | Materials handing machinery and equipment | $\begin{gathered} \text { Metalaworking } \\ \text { mactinery } \\ \text { and } \\ \text { equipment } \end{gathered}$ |  | General industrial machinery equipment | $\begin{gathered} \text { Miscelleneous } \\ \text { medexineny } \\ \text { execef } \\ \text { electical } \end{gathered}$ | $\begin{gathered} \text { Computer and } \\ \text { equtice } \\ \text { equent } \end{gathered}$ | $\begin{gathered} \text { Service } \\ \text { industy } \\ \text { mechinery } \end{gathered}$ | Industry number |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 38 | 39 | 40 | 41 | 42 | 43 | $44+45$ | 46 | 47 | 48 | 49 | 50 | 51 | 52 |  |
|  |  |  |  | - | $\cdots$ | … | ${ }^{+}$ |  | - | \| | - |  |  |  |
|  |  |  | $\cdots$ |  |  |  |  |  |  |  |  | $\mid \cdots$ |  |  |
| …" |  | .-7w |  | $\cdots$ | $\stackrel{\square}{\square}$ | $\mid$ |  | $\cdots$ | $\mid$ | $\mid \underline{-a}$ | $\cdots$ |  |  | 1 2 3 4 |
|  |  |  | ) |  | $\cdots$ | $\qquad$ |  |  | $\cdots$ | $\cdots$ | $\cdots$ | \| | , | r5$5+6$78 |
|  |  |  | ) | \|ravar. | \| | ${ }^{*}$ | $\mid$ | , | $\cdots$ | ) | $\cdots$ | \| | $\cdots$ |  |
|  |  |  |  |  |  | $\mid$ |  | , | \| | \% | $\mid$ | $\mid$ | \% | $9+1{ }^{\text {9 }} 10$ |
|  |  |  |  |  | ) |  | $\mid$ |  |  |  |  |  |  | 11121314 |
|  |  |  |  |  | , | 1 | 11 | $\cdots$ | ${ }^{-1}$ | ${ }^{\text {an}}$ |  |  |  |  |
|  |  |  |  | \% |  | . | ${ }^{\cdots}$ | $\qquad$ | ....………… | $\stackrel{\text { and }}{ }$ | $\mid$ | \| |  | 14 16 16 |
|  |  |  | , |  | $\cdots$ | , | \| |  | ${ }^{1} \times$ | $\stackrel{\text { and }}{ }$ | ) |  | $\stackrel{\text { anem }}{ }$ | ${ }^{6}$ |
|  |  |  | -……… |  | $\cdots$ |  | ${ }^{1}$ | , |  |  |  | ${ }^{3}$ | $\cdots$ | ( $\begin{array}{r}\text { 20+21 } \\ 20+23\end{array}$ |
|  |  |  |  | 28 |  | $\cdots$ |  | $\cdots$ | $\cdots$ | \%-30. | ${ }^{\square}$ | 1 | - ${ }^{2}$ |  |
|  |  |  |  | ${ }_{2}^{259}$ | , | $\mid$ | 1 | $\cdots$ | - | 1 |  | (1) |  | 22+23 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }_{268}^{268}$ |
| 1,222 |  |  |  |  |  | ${ }^{36}$ |  |  | 14 |  |  |  |  | ${ }^{272}$ |
|  |  |  |  |  | ) | ) | $\cdots$ | $\cdots$ | : | 4 |  |  |  |  |
|  |  |  |  | $\mid$ |  | $\mid$ | $\mid$ | , | $\begin{aligned} & 1 \\ & 1 \\ & 7 \end{aligned}$ |  | $\cdots$ | $\xrightarrow{\square}$ | ${ }^{1 \times \cdots}$ | - ${ }_{\text {29a }}^{298}$ |
|  |  |  |  | . | $\square$ |  |  |  |  |  | $\cdots$ | $\stackrel{\square}{\square}$ |  | ${ }^{298}$ |
| 105 |  |  | ${ }_{120} 12$ | $\cdots$ | $\square$ | $26 .$ |  | $\square$ | - | $\cdots$ |  |  |  | ${ }_{32}^{31}$ |
|  |  |  |  |  |  |  |  |  |  |  | $\cdots$ |  |  |  |
|  |  | 129 ${ }^{29}$ | $\begin{aligned} & 26 \\ & 18 \\ & 36 \end{aligned}$ |  |  | $\begin{array}{r} 8 \\ 24 \\ \hline \end{array}$ | $\cdots$ |  |  |  |  |  |  |  |
| 62,324 |  |  |  |  |  |  | , |  |  |  |  |  |  |  |
| $\begin{aligned} & 1 \\ & 80 \\ & 19 \\ & 76 \end{aligned}$ |  |  |  | $\begin{gathered} 2499 \\ 488 \\ \hline \end{gathered}$ |  |  |  |  |  |  |  |  | $\begin{aligned} & 55 \\ & 17 \\ & 26 \\ & 26\end{aligned}$ | 39 40 41 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }_{43}^{42}$ |
|  |  |  |  |  |  |  |  | ${ }^{126}$ | 28 |  |  |  | 7 |  |
|  |  |  |  |  | $\cdots$ | ${ }_{54}^{243}$ |  | 24,194 | -19362 | ${ }_{28}^{85}$ |  |  | ${ }_{85}^{5}$ | 47 |
|  | $\cdots$ | 18 | 3 | 168 | 22 | ${ }^{54}$ |  |  | 19,302 ${ }_{18}$ | 28,058 |  |  | $\begin{array}{r}85 \\ \hline 69\end{array}$ | ${ }_{49}^{48}$ |
|  |  |  |  | 348 13 |  |  |  | 239 |  |  |  |  |  |  |
|  |  | 192 | ${ }^{33}$ | $\begin{aligned} & 64 \\ & 12 \\ & 12 \end{aligned}$ | 26 |  |  | 46 26 |  | 122 148 |  | 29 | 24,998 | 52 <br> 53 <br> 5 |
|  |  |  | $52$ |  | $\cdots$ |  |  | 23 34 |  |  |  |  | 182 | 54 55 5 |
|  |  |  |  |  | $\cdots$ |  |  |  |  |  |  |  |  | ${ }^{56}$ |
| 306 |  |  |  |  |  | ${ }^{26}$ |  |  |  |  |  |  |  | ${ }_{58}^{58}$ |
| 5 |  |  |  |  | 531 784 |  |  | $\begin{gathered} 20 \\ 549 \\ 19 \end{gathered}$ |  |  |  |  | ${ }_{3}{ }^{38}$ |  |
| 7 |  |  |  |  | 39 <br> 153 |  |  |  |  |  |  |  |  | 61 |
| , |  |  |  |  |  | 20 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5B |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }_{650}^{65}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }_{6}^{656}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }_{668}^{688}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }_{698}^{68}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }^{698}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }_{708}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }_{7118}^{71 / 8}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }^{728}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }^{73}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }_{73 \mathrm{C}}^{738}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 730 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 74 75 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 76 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }_{77}^{77}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 79 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }_{89}^{79}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }_{84}^{82}$ |
| 64,813 | 13,23 | 49,050 | 34,564 | 56,518 | 17,895 | 30,946 | 8,290 | 27,046 | 20,218 | 29,678 | 24,946 | 62,088 | 25,801 | T |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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

| Industry number | For the distribution of industries producing a commodity, read the column for that commodity <br> For the distribution of commodities produced by an industry, read the row for that industry | Electrical industrial equipment and apparatus | Househoid appliances | Electric lighting and wiring equipment | Aucio, video, and communication equipment | Electronic components and accessories | Miscel- <br> 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 | 598 | 60 | 61 |
| 1 | Livestock and livestock products |  |  |  |  |  |  |  |  |  |  |
| 2 | Other agricultural products ......... | ................ | ... | ................ | ............... | ............... | ................ | ................. | ... | .... | .................. |
| 3 | Forestry and fishery products .................................................................................................... | ................ |  |  |  |  |  | ............... | ................. | ................. |  |
|  | Agricultura, forestry, and fishery services ................................................................. |  |  |  |  |  |  |  |  |  |  |
| 5+6 | Metalilic ores mining Coal mining |  |  |  |  |  |  |  |  | ................. |  |
| 8 | Crude petroleum and natural gas |  |  |  |  |  |  |  |  |  |  |
| 9+10 | Nonmetallic minerals mining ......... |  | ................ | ................ | ................ | .................. | ................ |  | ..................... | ....... |  |
| 11 | New construction. |  | ................ |  |  |  |  |  |  |  |  |
| 12 | Maintenance and repair construction |  | ............... |  |  |  |  |  |  | 2986 |  |
| $\begin{aligned} & 13 \\ & 14 \end{aligned}$ | Ordnance and accessories $\qquad$ <br> Food and kindred products |  |  |  |  |  | 4 |  |  | 2,986 |  |
| 15 | Tobacco products |  |  |  | ... |  |  |  |  |  |  |
| 16 | Broad and narrow fabrics, yarn and thread mills ............................................................ |  |  |  | ................ | ............... | ............... |  |  | ............... |  |
| 17 | Miscellaneous textie goods and floor coverings. |  |  |  |  |  |  |  |  |  |  |
| 18 | Apparel ..................................................... | ................ |  |  |  |  |  |  |  |  |  |
| 20+21 |  |  |  |  |  |  |  |  |  |  |  |
| 22+23 | Furniture and fixtures ........ |  | 17 | 31 |  | 22 |  |  | $\cdots$ |  | 4 |
| 24 | Paper and allied products, except containers |  |  |  | 12 |  | 371 |  |  |  |  |
| 26A | Paperboard containers and boxes ........................................................................................................ |  |  |  |  |  |  |  |  |  |  |
| 26A | Newspapers and periooicals | ............... |  |  | ................ | 1 |  |  |  |  |  |
| 27A | Industrial and other chemicals |  |  | 2 |  | 8 |  |  |  |  |  |
| 27 B | Agricultural fertiizers and chemicals |  |  |  |  |  |  |  |  |  |  |
| 28 | Plastics and synthetic materials ........................................................................................ |  |  |  |  |  |  |  |  |  |  |
| 29 A |  | ............... | 4 | ..............." | - | . | 4 | ................ | . |  |  |
| $\begin{array}{r} 29 \mathrm{~B} \\ 30 \end{array}$ | Cleaning and toilet preparations Paints and allied products |  |  |  |  |  |  |  |  |  |  |
| 31 | Paitroleum refining and related products |  |  |  |  |  |  |  |  |  |  |
| 32 | Rubber and miscellaneous plastics products | 45 | 116 | 150 |  | 84 |  |  | 26 |  | 5 |
| $33+34$ 35 | Footwear, leather, and leather products .................................................................................... |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & 35 \\ & 36 \end{aligned}$ | Glass and glass products $\qquad$ |  |  |  |  |  |  | .............." | $\begin{aligned} & 25 \\ & 41 \end{aligned}$ |  |  |
| 37 | Primary iron and steel manufacturing | 9 |  | 173 |  |  |  |  | 175 |  |  |
| 38 | Primary nonferrous metals manufacturing |  |  | 13 | 143 | 106 | 12 | ................ |  |  |  |
| 39 | Metal containers |  |  |  |  |  |  | ................ |  |  |  |
| 40 | Heating, plumbing, and fabricated structural metal products |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & 41 \\ & 42 \end{aligned}$ | Screw machine products and stampings .................................................................... |  | 60 3 |  |  |  |  |  | $\begin{aligned} & 295 \\ & 105 \end{aligned}$ |  |  |
| 43 | Engines and turbines products ... | 431 |  |  |  |  |  |  | 170 | 148 | 5 |
| 44+45 | Farm, construction, and mining machinery ................................................................. | 27 | 3 | 58 |  |  |  | ................ | $137$ |  | 275 |
| 46 | Materials handling machinery and equipment | 26 |  |  | ................ |  |  | ................. |  |  | 12 |
| 47 | Metaiworking machinery and equipment .......................................................................... | 55 |  |  |  |  |  |  |  |  |  |
| 48 | Special industry machinery and equipment | 11 | 25 |  |  | 30 |  | ................ |  |  |  |
| 49 50 | General industrial machinery and equipment Miscellaneous machinery, except electrical | $\begin{array}{r}104 \\ 144 \\ \hline\end{array}$ |  |  |  |  |  |  | $\begin{array}{r} 93 \\ 172 \end{array}$ |  | 2 |
| 51 |  | 19 |  |  |  | 3,683 |  |  |  |  |  |
| 52 | Service industry machinery ................................................................................. |  |  |  |  | 13 |  |  |  |  |  |
| 5 | Electrical industrial equipment and apparatus ....................................................................... | 26,759 |  | 185 | 23 | 162 |  |  |  | 16 | 1 |
| 5 |  | 174 | 16,033 |  | 9 |  |  |  | 20 |  |  |
| 55 56 |  | 203 |  | 7,802 |  | 170 |  |  | 161 50 |  |  |
| 56 57 | Audio, video, and communication equipment ................................................................ | 38 | 268 |  | 48,977 | 933 67.069 | 158 |  |  |  |  |
| $\begin{array}{r}57 \\ 58 \\ \hline\end{array}$ |  | 118 38 |  |  |  | $\begin{array}{r} 67,069 \\ 100 \end{array}$ | 18,906 |  |  |  |  |
| 598 | Miscellaneous electrical machinery and supplies |  |  |  |  |  |  | 147,890 | 2,363 |  | 20 |
| 59 B | Truck and bus bodies, rrailers, and motor vehicles parts ......................................................................................................... | 47 |  |  | 126 | 238 | 458 | 1,765 | 76,069 |  |  |
| 60 | Aircratt and parts |  |  |  | 59 | 2 |  |  | 100 | 98,325 |  |
| 61 | Other transportation equipment ............................................................................... | 68 |  |  |  |  |  |  | 62 |  | -,393 |
| 62 | Scientific and controling instruments .............................................................................. | 133 |  |  |  | 521 |  |  | 182 | 431 | 1 |
| 63 | Opthalmic and photographic equipment ........................................................................................ |  |  |  |  |  |  |  |  |  |  |
| 64 | Miscellaneous manufacturing ........................ |  |  |  |  |  |  |  |  |  | 32 |
| 65 A | Railroads and related services; passenger ground transportation ....................................... |  |  |  |  |  |  | .............. | ............. | ................ |  |
| 658 | Mo |  |  |  |  |  |  |  |  |  |  |
| 650 | Water transportation ............................ |  |  |  |  |  |  |  |  |  |  |
| 650 |  |  | ................ |  |  |  |  |  |  |  |  |
| 656 | Pipelines, treight torwarders, and related services |  |  |  |  |  |  |  |  |  |  |
| 66 | Communications, except radio and TV ... |  |  |  |  |  |  |  |  |  |  |
| 68 | Radio and TV broadcasting ..................... |  |  |  | ............... |  |  |  |  |  |  |
| 68 A | Electric Services (utitities) ........................................................................................ |  |  |  |  |  |  |  |  |  |  |
| 688 | Gas production and distribution (utilities) .......................................................................... |  |  |  |  |  |  |  |  |  |  |
| 68 C | Water and sanitary services ............................................................................................................. |  |  |  |  |  |  |  |  |  |  |
| 69 A |  |  |  |  |  |  |  |  |  |  |  |
| 698 | Retail trad |  |  |  |  |  |  |  |  |  |  |
| 70 C | Finance |  |  |  |  |  |  |  |  |  |  |
| 714 | Insurance |  | ....... |  |  |  |  |  |  |  |  |
| 71 718 | Owner-occupied dwe |  |  |  | ....... | ..... |  |  |  |  |  |
| 718 | Real estate and royalties .......................................................................................................................... |  |  |  |  |  |  |  |  |  |  |
| 72 A | Hotels and lodging places ................................................................................................................... | ............... |  |  |  | ................. | ................. | ................ |  |  |  |
| 728 | Personal and repair servicess (except auto) .................................................................................... |  |  |  |  |  | ....... |  |  |  |  |
| 733 | Computer and data processing senices .......................................................................................... |  |  |  |  |  |  |  |  |  |  |
| $7{ }_{738}^{738}$ | Legal, engineering, accounting, and reated services ................................................................... |  |  |  |  |  |  | ................ |  |  |  |
| ${ }_{730}^{736}$ | Other business and professional services, except medical ....................................................... |  | ................. |  |  |  | ..............." |  |  |  |  |
| 730 | Advertising -ma................................................................................................. | ................ |  |  |  |  | ................ |  |  |  |  |
| 75 |  |  |  |  |  |  |  |  |  |  |  |
| 76 | Amusements .................................................................................................. |  |  |  |  |  |  |  |  |  |  |
| 77 A | Health services ...................................................................................................... |  |  |  |  |  |  |  |  |  |  |
| 778 | Educational and social services, and membership organizations ........................................ | ............... | ................ |  |  | ................ | ................ |  |  | ............... |  |
| 78 | Federal Government enterprises ............................... |  |  |  |  |  |  |  |  |  |  |
| 79 | State and local government enterprises ............................................................................ |  |  |  |  |  |  |  |  |  |  |
|  | General government industry ....................................................................................... | ............... |  |  |  |  |  |  | ............... | ..... |  |
|  | Household industry |  |  |  |  |  |  |  |  |  |  |
| 85 | entory valuation adjustment .......................................................................... |  |  |  |  |  |  |  |  |  |  |
|  | Total commodity output ........................................................................................................... | 28,574 | 16,833 | 19,055 | 50,98 | 73,298 | 21,103 | 149,684 | 81,258 | 102,154 | 29,907 |

by Industries, 1992-Continued
at producers' prices]

| Scientific and controlling instruments | Ophthaimic and photographic equipment | Misceilaneous manufacturing | Railroads and related services; passenger ground transportation | Motor freight transportation and warehousing | Water transportation | Air transportation | Pipelines, freight forwarders, and related senvices | Communications, except radio and TV | Radio and TV broadcasting | Electric services (utilities) | $\begin{aligned} & \text { Gas } \\ & \text { production } \\ & \text { and } \\ & \text { distribution } \\ & \text { (utilities) } \end{aligned}$ | Water and sanitary services | Wholesale trade | Industry number |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 62 | 63 | 64 | 65 A | 65B | 650 | 65D | $65 E$ | 66 | 67 | 68A | 688 | 68 C | 69A |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | ................... |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | ........................ |  |  |  |  |  |  |  |  |  | 4 |
|  |  |  |  |  |  |  |  | .................. |  |  | ................... | ................... | ................... | $5+6$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 8 |
|  |  |  | ........................ |  | -.. | ... |  | ....................... | ... | .............................. | ... | ........................ |  | $9+10$ |
|  |  | ................... | ................... |  |  |  |  |  | ................... |  |  |  |  | 11 |
| 1,235 |  |  |  |  |  |  |  |  |  |  |  |  |  | 12 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 |
|  |  |  |  |  |  |  |  |  | ...................... |  |  |  |  | 15 |
|  | .................... | .................... | .................... |  |  | ... | .................... | .... | .................. | ................... | .. | ... | .... | 16 |
|  | .................... |  |  |  |  |  |  |  |  |  |  |  |  | 17 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 18 |
|  |  | 12 |  |  |  |  |  |  |  |  |  |  |  | 20+21 |
|  |  | 41 | .................. | ........................ | .................... | .". | ... | .................... | ................... | -.................. | " | . | "' | 22+23 |
| 151 | 10 | 100 |  |  |  |  |  |  |  |  |  |  | .................... | 24 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 6A |
| 10 |  | 301 |  |  |  |  |  |  |  |  |  |  |  | 26 B |
|  |  | 16 |  |  |  |  |  |  |  |  |  |  |  | 27A |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 278 |
|  | 17 |  |  |  |  |  |  |  |  |  |  |  |  | 29A |
|  |  | 46 |  |  |  |  |  |  |  |  |  |  |  | 298 |
|  |  | 18 | ..................... |  |  |  |  | .... | ................... | ... |  |  |  | 30 |
|  | ................. | 9 | .................... |  |  | .................... | ..................... | ... | .................... | ... | .................... | .. | .................... | 31 |
| 107 |  | 230 | .................... |  |  |  |  | .................... | ................... | ................... | .................... |  | .................... |  |
| 13 |  |  | ................... |  |  |  |  |  |  |  |  |  |  | 33+34 |
| 37 | … |  |  |  |  |  |  |  |  |  |  |  | ................... |  |
| 62 |  |  |  |  |  |  |  | .................... | ................... |  |  | ... | .................." | 37 |
|  | . | 5 |  |  |  |  |  |  |  |  |  |  |  | 38 |
|  | .................... | .................... | ... |  |  | .................... | .................... | ........ | ....... |  | ................... | ................... | ................... | 39 |
|  | .... |  | .................... |  |  | .................... | ...................... | ........... | ......... |  |  |  |  | 40 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 |  |  | -.................. |  |  |  |  |  |  |  |  |  |  | 43 |
| 13 |  | .................. |  |  |  |  |  |  |  |  |  |  |  | $44+45$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | -.................. |  |  | .................... | ... |  |  |  |  | 47 |
| 28 | 11 |  |  |  |  |  |  |  | ................... |  |  |  |  | 48 |
| 55 |  | ${ }^{16}$ |  |  |  |  |  |  |  |  |  |  |  | 49 |
| 25 <br> 36 | ................... | 15 | ... | ... | ................... | ..... | ................... |  |  |  |  |  | $\ldots$ |  |
|  |  |  | .... | ........................ | .................... | .................... | ..................... | ...................." | .................... | .................... |  |  |  |  |
| 139 |  | 2 |  |  |  |  |  |  |  |  |  |  |  | 53 |
|  |  |  |  |  |  | ... |  |  |  |  |  |  |  | 54 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 55 |
| 1,225 |  | 12 |  |  |  |  |  |  |  |  |  |  |  | 56 |
| 786 | 301 |  | ..... | .... | ..." | ..................." | ... | ." | .................." | .................." | .................... |  | ................... | 58 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 59A |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 598 |
| 1,606 |  |  | ................... | ... | .'. | ................... |  | ................... |  |  |  |  |  | 60 |
| 100,484 |  |  |  |  |  |  |  |  |  |  |  |  |  | 61 62 |
|  | 22,143 |  | ........ |  |  |  |  | .................. |  |  |  |  |  | 63 |
|  |  | 38,127 |  |  |  | ................... | .... | .................. |  |  |  |  |  | 64 |
|  |  | ................... | 55,576 |  |  | .................... |  | ........ |  |  | ................. |  | ................... | 65 A |
|  |  | ................... | ................... | 155,590 |  | ................. | ..................... | ................. |  |  |  | 11,363 |  | 5 B |
|  |  |  |  |  | 32,4 |  |  |  |  |  |  |  |  | 50 |
|  |  |  | 542 | 1,320 | 194 | 2,632 | 28,928 |  |  |  |  | -.................." |  | 65 E |
|  |  |  |  |  | ................... | ................... | ......... | 205,941 |  |  |  |  |  | 66 |
|  |  |  |  |  |  |  |  |  | 2,674 |  |  |  |  | 67 |
|  |  |  |  |  |  |  |  |  |  | 170,428 |  |  |  | 68A |
|  |  |  |  |  |  |  |  |  |  |  | 92,953 | 204 |  | 688 |
|  | .................... | ...." | , | .... | ........ | .................... | ..................... | ....... | ................... | .................... | .................... | 18,644 |  | ${ }^{68 C}$ |
|  | ....... | ................... | ................... | ... | .... | .................... | ....... | ............. | ........ | ...... | .................... | .................... | 568,970 | 69A |
|  |  |  |  |  |  |  |  | ....... | .................." |  |  | .................... |  | ${ }_{70 \text { a }}$ |
|  |  |  |  |  | .... | $\cdots$ |  | ...................* |  |  |  | ................... |  | 70 B |
|  | . | . | -…… |  | ... |  | ....................... | . |  |  |  |  |  | 71 A |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 71 B |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 72A |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 72 B |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 73 A |
|  |  | ..... |  | ... | ..................." | .... | - | ................... | ................... | .................... | ... | ................... | .................... | 738 |
|  | ................... | ..... | ................... | ....................... | ................... |  |  | ........ | ................... | ...... |  | .................... | ..... | 73 C |
|  |  | .................... | ................... | .... | .... | ................... | .... | .............. | ..... | ...... |  | .... |  | 74 |
|  |  | ...".............." |  | 15 | .................." |  |  |  |  |  |  |  |  | 74 |
|  | - | .................. | ....... |  | .... | …".............. | -................... | ... |  |  |  | *................. | ................... | 76 |
|  |  | .................. |  |  |  |  |  |  |  |  |  |  |  | 77A |
|  |  |  |  |  |  | .................... |  |  |  |  |  |  |  | 77 B |
|  |  |  |  |  |  |  |  |  |  | 6,504 |  |  |  | 78 |
|  |  |  | 5,940 |  | 1,713 | 2,046 |  |  |  | 18,763 | 3,159 | 19,586 |  | 79 |
| ..................... | .................... | .................... | .................... | ... | ................... | .... | ..................... | .................." |  | ................... | ................... | .................... | ..................... |  |
|  |  | ....... | ..... | .......... |  | .................. | ....... |  | ......... |  | ... | ...... |  | 84 |
| 107,915 | 22,745 | 39,450 | 62,056 | 157,110 | 34,347 | 98,819 | 28,966 | 205,941 | 2,674 | 195,695 | 96,155 | 50,265 | 568,970 | $\stackrel{5}{T}$ |

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

| industry number | For the distribution of industries producing a commodity, read the column for that commodity <br> For the distribution of commodities produced by an industry, read the row for that industry | Retail trade | Finance | Insurance | Owneroccupied dwelings | $\begin{gathered} \text { Real estate } \\ \text { and } \\ \text { royalties } \end{gathered}$ | Hotels and lodging places | Personal and repair services (except auto | $\left.\begin{gathered} \text { Computer } \\ \text { ando data } \\ \text { procsing } \\ \text { senvices } \end{gathered} \right\rvert\,$ | Legal, engineering, accounting, and related sevices |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Commodity | 698 | 70A | 70B | 71A | 718 | 72A | 728 | 73A | 738 |
|  |  |  |  |  |  |  |  |  |  |  |
| 2 | Other agricultural products .i. | $\stackrel{\text { …............ }}{\cdots}$ |  |  |  |  | ${ }_{\text {. }}^{\text {..................... }}$ |  |  |  |
| 4 | A ricuturat forestry and fishery servicis |  |  |  |  |  |  |  |  |  |
| 5+6 | Metallic ores mining ........................ |  |  |  | ${ }_{\text {a }}$ | ................. |  |  | ................. |  |
| 7 | Coal mining $\qquad$ |  |  |  |  |  |  |  |  |  |
| 9+10 | Nonmetalic minerals mining ... |  |  |  |  |  |  |  |  |  |
| 11 | New construction ................ |  |  |  |  |  |  |  |  |  |
| 12 | Maintenance and repair construction ........................................................................... |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |
| 15 | Tobacco products |  |  |  |  |  |  |  |  |  |
| 16 | Broadd and narrow fabrics, yarn and thread mills .............................................................. |  |  |  |  | .................. |  | .................. |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |
| 19 | Miscellaneous fabricated texile products.................................. |  |  |  |  |  |  |  |  |  |
| $20+21$ | Lumber and wood products ...................................................................................... |  |  |  |  |  |  |  |  |  |
| $22+23$ 24 | Furniture and fixtures $\qquad$ |  |  |  |  |  |  |  |  |  |
| 25 | Paperboard containers and boxes ............................................................................... |  |  |  |  |  |  |  |  |  |
| 26 A | Newspapers and periodicals ....... |  |  |  |  |  |  |  |  |  |
| ${ }_{27}^{268}$ |  |  |  |  |  |  |  |  |  |  |
| 278 |  |  |  |  |  |  |  |  |  |  |
| 28 | Plastics and synthetic materials ................................................................................ |  |  |  |  |  |  |  |  |  |
| 298 | Drugs ............................................................................................................ |  |  | ....... |  | .................. | .................. | .................. |  |  |
| ${ }_{30}^{298}$ | Cleaning and toilet preparations $\qquad$ |  |  |  |  |  |  |  |  |  |
| 31 | Petroleum refining and related products |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 33+34 | Footwear, leather, and leatier products ......................................................................... | -............... | ......... | ........ |  | .................. |  |  |  |  |
| $\begin{aligned} & 35 \\ & 36 \end{aligned}$ | Glass and glass products ......................................................................................... |  |  |  |  |  |  |  |  |  |
| 37 |  |  |  |  |  |  |  |  |  |  |
| ${ }^{38}$ | Primary nonferrous metals manutacturing ................................................................... |  | .... | ... |  | .................. | .... |  |  |  |
| $39$ | Metal containers |  | ....... |  |  |  |  |  |  |  |
| 41 | Screw machine products and stampings ............................................................................. |  |  |  |  |  |  |  |  |  |
| 42 | Other fabricated metal products ................................................................................... |  |  |  |  |  |  |  |  |  |
|  | Engines and turbines ................................................................................................. |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 47 | Metalworking machinery and equipment |  |  |  |  |  |  |  |  |  |
| 48 | Special industry machinery and equipment .......................................................................... | ......... | ........ | ........ |  |  |  |  |  |  |
|  | General industrial machinery and equipment ............................................................... |  |  |  |  |  |  |  |  |  |
| 51 | Computer and office equipment ..... |  |  |  |  |  |  |  | 1,505 |  |
| 52 | Ser |  |  |  |  |  |  |  |  |  |
|  | Electrical industrial equipment and apparatus ..................................................................... | .......... | ......... | ......... |  |  |  |  |  |  |
| 54 | Electric lightiog and wiring equi............. |  |  |  |  |  |  |  |  |  |
|  | Audio, video, and communication equipment .................................................................... |  |  |  |  |  |  |  |  |  |
|  | Electronic components and accessories ......................................................................... |  |  |  |  |  |  |  |  |  |
|  | Miscellaneous electrical machinery and supplies ............................................................. |  |  | ... |  |  |  |  |  |  |
| 59 B |  |  |  |  |  |  |  |  |  |  |
| 60 | Aircraft and parts ............................................................................................. |  |  |  |  |  |  |  |  |  |
|  | Other transportation equipment .................................................................................. |  |  |  |  |  |  |  |  |  |
| ${ }_{6}^{62}$ | Scientific and controliing instruments | ......... | ........ | $\stackrel{.1 . . . . . . . . . ~}{\text {. }}$ |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  | Railroads and related services; passenger ground transportation $\qquad$ |  |  | ..... |  |  |  |  |  |  |
| $65 C$ |  |  |  | ... | ... |  |  |  |  |  |
|  | Aif transportaton |  |  |  |  |  |  |  |  |  |
| 65E | Pipelines, freight forwarders, and related services $\qquad$ |  |  |  |  |  |  |  |  |  |
|  | Radio and TV broadcasting |  |  |  |  |  |  |  |  |  |
| 68 A | Electic services (utilities) .................................................................................. |  |  |  |  |  |  |  |  |  |
| 68 B | Gas production and distribution (utilities) ........................................................................ |  |  |  | ....... |  |  |  |  |  |
| 69 A |  |  |  |  |  |  |  |  |  |  |
| 698 | Retail trade. | 622,519 |  |  |  |  |  |  |  |  |
| 70A | Finance ... |  | 390,710 |  |  |  |  |  |  |  |
| 708 | Insurance |  |  |  |  |  |  |  |  |  |
| 718 | Owner-occupied dweling |  |  |  |  |  |  |  |  |  |
| 72 A | Hotels and lodging places. |  |  |  | ... |  | 58,936 |  |  |  |
| 728 | Personal and repair senices (except auto) ... |  |  |  |  |  |  | 97,56 |  |  |
| 73 A | Computer and data processing services ..... |  |  |  |  |  |  |  |  |  |
| 73 B | Legal, engineering, accounting, ard related services |  |  |  |  |  |  |  |  | 1,701 |
| 730 | Other business and professional services, except medical |  |  |  |  |  |  | 449 |  |  |
| 73 | ${ }_{\text {Aderrising }}$ Eating and drinking places |  |  | ....... |  | (.)............... |  |  |  |  |
| 75 | Automotive repair and services ....... |  |  |  |  |  |  |  |  |  |
| 76 | Amusements .............................. |  |  |  |  |  |  |  |  |  |
| 77 A | 俍 |  |  |  |  |  |  |  |  |  |
| 778 | Educational and social services, and membership organizations $\qquad$ <br> Federal Government enterprises |  |  |  |  |  |  |  |  |  |
| 79 | State and local government enterprises | 1,567 |  |  |  | 8,766 |  |  |  |  |
|  | ment industry ............. |  |  |  |  |  |  |  |  |  |
| 84 | old industry |  |  |  |  |  |  |  |  |  |
| $\stackrel{85}{1}$ | Inventory valuation adjustment |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

by Industries, 1992-Continued
at producers' prices]

| Other business and protessional 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 secondhand goods | General government industry | Household industry | Inventory valuation adjustment | Total industry output | Industry number |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 73 C | 73D | 74 | 75 | 76 | 77A | 778 | 78 | 79 | 81 | 82 | 84 | 85 |  |  |
|  |  | $\ldots$ | $\qquad$ | $\begin{aligned} & 534 \\ & 504 \end{aligned}$ | $\qquad$ | ..................... | $\qquad$ | ..................... |  |  |  |  |  |  |
|  | ..................... |  |  |  |  |  |  | ............................... |  | ...................................... |  |  | $\begin{array}{r} 91,504 \\ 108,294 \\ 9,613 \end{array}$ | 233 |
|  |  |  | .................... |  | .......................... | ............................ | ........................ |  |  |  | ..................... |  |  |  |
| .................... | ........... | ...................................... | ................................. | $\qquad$ $\qquad$ | $\qquad$ <br>  | -.................. | ........................ | .................. | 14**"t- <br>  | ................... | ……............... | ........................... |  |  |
| ..................... |  |  |  | ..................... |  |  |  |  | ................................................ |  |  | $\qquad$ |  |  |  |
|  |  |  | -................... | ................... |  $\qquad$ | .......................... | …....................... | …"............. |  |  <br>  |  | ..................... | 105,369 | 8 |
|  |  | $\cdots$ | ........................ | …......................... | ............................. | ...................... |  | --................... | $\cdots$ |  |  <br>  | $\cdots$ | $\begin{array}{r} 13,682 \\ 456,949 \end{array}$ | 9+10 |
|  |  |  |  |  |  |  | ......................... |  |  | ...................... | ........................... |  |  | 111213 |
|  |  | ..................... | .............................. | ……...................... | ......................... | .......................... | ............................... |  | ..................... |  |  <br>  | ................................... | 222,381 2560 |  |
|  |  |  | .................................... | ....................... |  |  |  | ................................. | ................................ | .................... |  |  | $\begin{array}{r} 25,760 \\ 408,482 \end{array}$ | 131415 |
|  |  |  |  |  |  | ................... | -................... |  |  | .................... |  <br> ** 4 ***** | .................... | 40,146 |  |
|  |  | .................... | .................... | ${ }^{\text {an-........................... }}$ | .................... | ...................... | $\qquad$ | …........................ | .................... |  |  | …................ |  | 15 16 |
|  |  |  |  | ........................... |  A**** | ..................... | ....................... | ................................... | ............................ | ........................ |  |  | 41,646 <br> 17,580 <br> 101 | 17 18 |
|  |  | ................................ | .................................... |  |  | - * <br>  | ….................. |  | .................................. |  | $\qquad$ <br>  |  <br>  | 69,132 <br> 19,055 <br> 8065 | $\begin{array}{r} 18 \\ 19 \\ 20+21 \end{array}$ |
|  |  |  |  | .................... | ............................. |  |  |  |  | ......................... |  | ….................................. | 86,865 |  |
|  |  | ........................ | .................. | …................................ | ...................... | $\qquad$ | *******44*4***4*4**) <br>  | …............................. | -.................. 36 |  |  |  | 42,977 | $22+23$ |
|  |  |  |  |  |  |  |  |  | 79 |  |  |  | 99,613 | 24 25 |
| ..................." |  |  |  |  |  |  |  |  | 132 |  |  |  | 31,938 | 25 |
|  | 30,114 |  |  |  |  |  |  |  | 72 |  |  |  | 110,564 | 26 B |
|  |  |  |  |  |  |  |  |  | 57 |  |  |  | 109,880 | 27A |
|  |  |  |  |  |  |  |  |  | 2 |  |  |  | 17,831 | 278 |
|  |  |  |  |  |  |  |  |  | 29 |  |  |  | 48,040 | 28 |
| .................. |  | -.................... |  | ..................... |  |  |  |  | 18 | .... |  |  | 62,674 | 29A |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 14,628 | 39 |
|  |  |  |  |  |  |  |  |  | 19 |  |  |  | 145,709 | 31 |
|  |  |  |  |  |  |  |  |  | 64 |  |  |  | 111,361 | 32 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 9,368 | 33+34 |
|  |  |  |  |  |  |  |  |  | 12 |  |  |  | 17,815 | 35 |
| ......... | ..................... |  |  |  |  |  |  |  | 28 |  |  |  | 42,904 | 36 |
|  |  |  |  |  |  |  |  |  | 57 |  |  |  | 63,773 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 13,065 | 39 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 49,491 | 40 |
|  |  |  |  |  |  |  |  |  | 317 |  |  |  | 34,703 | 41 |
|  |  |  |  |  |  |  |  |  | 17 |  |  |  | 53,974 | 42 |
| 80 |  |  |  |  |  |  |  |  | 21 |  |  |  | 32,031 | +45 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 8,152 |  |
| ......... | ................... | ................... |  |  |  |  |  |  | 8 |  |  | ................... | 25,611 | 47 |
|  |  |  |  |  |  |  |  |  | 5 |  |  | ..................... |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 25,014 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | ................... |  |  |  |  | 36 |  |  |  | 26,455 | 52 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 27,809 | 53 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 16,636 | 54 |
| ..................." |  | .................... | ..................... |  |  |  |  |  | 3 |  | .................... | .................... | 19,111 | 55 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | ..................... |  |  |  |  |  |  |  |  | 21,223 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 150,738 | 59A |
|  |  |  |  |  |  |  |  |  | 231 |  |  |  | 80,266 | 598 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 101,709 | 60 |
|  |  | .... |  |  | .................... |  | .'. | ..................... |  |  | .................... | .................... | 30,000 | 61 |
|  |  |  |  |  |  |  |  |  |  |  |  | .... | 105,489 |  |
|  | 2.401 |  |  |  |  |  |  |  |  |  |  |  | 41,315 | 64 |
|  |  |  |  |  |  |  |  |  | 4 |  |  |  | 55,754 | 65 A |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 166,953 | 658 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 32,440 | ${ }^{65 C}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 94,141 | ${ }_{6}^{650}$ |
|  |  |  |  |  |  |  | ... |  | $\cdots$ |  |  | .................... | -33,616 |  |
|  | 26,685 |  |  |  |  |  |  |  |  |  |  | .... | $2{ }^{29,359}$ | 67 |
|  |  |  |  |  |  |  |  |  |  |  |  | .-". | 170,896 | 68 A |
|  |  |  |  |  |  |  |  | ................... |  |  |  |  | 93,157 | 68 B |
|  |  |  |  |  |  |  |  | 424 |  |  |  |  | 19,182 | 68 C |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 568,970 | 69 A |
|  |  |  |  |  |  |  |  |  |  | .... |  | ...... | 522.59 | 698 |
|  |  |  | 25,14 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | ..................." |  |  |  |  |  |  |  |  |  |  | 71 A |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 550,113 | 71 B |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 59,602 | 72A |
| 208 |  |  |  |  |  |  |  |  | ..... |  |  |  | 91,772 | 72 B |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 115,730 | 73A |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 256,361 | 73 B |
| 327,026 | 11,447 |  |  |  |  |  |  |  |  |  |  |  | 340,445 | 73 C |
| 214 | 29,651 |  | ........... |  | ... |  | ... | .... |  | ...................... |  | ........ | 29,865 | 730 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 280,708 | 74 |
|  |  | ...... | 138,235 |  | .................... |  |  |  | .-................" |  |  |  | 138,381 | 75 |
|  |  |  |  | 121,27 |  |  |  |  |  |  |  |  | 121,368 | 76 |
|  |  | -\%................. | ...................." |  | 564,607 |  |  |  |  |  |  |  | 564,986 | 77 A |
| ..................... |  |  | .................... |  | ..................." | 227,6 |  |  | .................... | ..................... |  | ............ | 228,332 | 78 |
|  |  | 1,8 |  |  |  |  | 50,200 |  |  |  |  |  | 60,972 | 78 |
|  |  | .................... |  |  |  |  |  | 2,7 |  | 764,389 |  |  | 764,389 | 8 |
|  |  |  |  |  |  |  |  |  |  |  | 10,087 |  | 10,087 | 84 |
|  |  |  |  |  |  |  |  |  |  |  |  | -7,982 | -7,982 | 85 |
| 332,385 | 138,530 | 282,017 | 164,408 | 122,937 | 564,6 | 227,631 | 50,200 | 30,1 | 2,175 | 764,389 | 10,087 | -7,982 | 10,822,647 | T |

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

| $\begin{aligned} & \text { Com- } \\ & \text { nodity } \\ & \text { number } \end{aligned}$ | For the distribution of output of a commodity, read the row for that commodity <br> For the composition of inputs to an industry, read the column for that industry | Livestock and livestock products | Other agricultural products | Forestry and fishery products | Agricultural, forestry, and services | Metallic ores mining | $\begin{gathered} \text { Cooal } \\ \text { mining } \end{gathered}$ | $\begin{gathered} \text { Curude } \\ \text { petroleum } \\ \text { and } \\ \text { natural gas } \end{gathered}$ | Nonmetallic minerals mining | New construction | Maintenance and repair construction |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Industry number | , | 2 | 3 | 4 | 5+6 | 7 | 8 | $9+10$ | 11 | 12 |
|  | Livestock and live | 12,133 |  | 66 | 672 |  |  |  |  |  |  |
| 2 | Other agricultural products ............ | 22,177 | 3,044 |  | 3,160 | ................ |  | 1 |  | 1,217 | 661 |
| 4 | Agricultural, forestry, and fishery services | 4,050 | 7,787 | 2,023 | 152 | 16 | 17 | 3 |  | 1,335 | 14 |
| $5+6$ | Metallic ores mining ..................................... |  |  |  | $\cdots$ | 2,083 |  |  |  |  |  |
| 7 | Coal mining $\qquad$ Crude petroleum and natural gas .... |  |  | ................ | ................ |  | 3,042 | 20,296 | 58 | $\cdots$ |  |
| $9+10$ | Nonmetallic minerals mining ........ |  | 289 |  |  |  | 10 |  | 474 | 3,291 | 2,154 |
| $\begin{aligned} & 11 \\ & 12 \end{aligned}$ | New construction | 997 | 1,273 | 335 | 290 | 206 |  | 2,293 | 101 | 170 270 | 154 |
| 13 | Ordnance and accessorles ................ |  |  |  |  |  |  |  |  |  |  |
| 14 | Food and kindred products .............................. | 73 |  | 11 | 94 |  |  |  |  |  |  |
| 16 |  |  | 268 |  |  | .... | 84 |  |  |  |  |
| 17 | Miscellaneous textile goods and floor coverings ..... | 139 | 213 | 56 | 80 |  |  |  |  | 1,189 | 660 |
| 19 | Apparel $\qquad$ Miscellaneous fabricated textile products |  |  |  |  | ${ }^{. . . . . . . . . . . . . . . . ~}$ |  |  |  | 294 | 181 |
| $20+21$ | Lumber and wood products ................. | 44 | 460 |  |  | 36 | 67 | 1 |  | 23,353 | 14,386 |
| ${ }_{22}^{22}+2$ | Furriture and fixtures $\qquad$ Paper and allied products, except containers ... | 211 | 251 |  |  |  |  |  |  | 1,346 1,808 | 608 |
| 25 | Paperboard containers and boxes ................. |  | 728 | 23 | 136 | 4 | 6 | 2 | 研 | 266 | 143 |
| 26 A | Newspapers and periodicals ..................................................................................... |  |  |  |  | - |  | 2 | 18 |  |  |
| $\begin{aligned} & 26 B \\ & 27 \mathrm{~A} \end{aligned}$ | Other printing and publishing $\qquad$ <br>  | 121 | 682 |  |  | ................ | 243 | 1,174 ${ }^{1}$ | 257 | 1,629 | 77 697 |
| $\stackrel{278}{28}$ | Agricultural fertilizers and chemicals Plastics and synthetic materials ..... | 215 | 8,358 | 28 | 77 |  |  |  |  |  |  |
| 29 A | Drugs ................................. | 288 |  |  |  |  |  |  |  |  |  |
| 298 | Cleaning and toilet preparations ................................................................................. | 65 |  | 14 |  |  |  | 5 |  | 147 | 111 |
| 30 | Paints and allied products .-................................................................................. |  |  |  |  |  |  |  |  | 4,106 | 2,073 |
| 31 | Petroleum refining and related products .................................................................... | 796 | 2,937 | 343 | 175 | $\stackrel{261}{90}$ | ${ }_{243}^{633}$ | 632 | 147 | 5,445 7,039 | 4,505 3 3 |
|  | Rubber and miscellaneous plastics products | 396 | 605 |  |  | 90 | 243 | 15 | 147 | 7,039 |  |
| $33+34$ 35 | Footwear, leather, and leather products Glass and glass products $\qquad$ | 8 |  |  |  |  |  |  | 7 | 1,055 | 156 |
| 36 | Stone and clay products ........................................................................................ |  | 136 |  |  | 58 | 104 | 189 |  | 23,431 | 6,224 |
| $\begin{aligned} & 37 \\ & 38 \end{aligned}$ | Primary iron and steel manufacturing $\qquad$ <br> Primary nonferrous metals manufacturing $\qquad$ | 11 |  |  |  | 287 | 82 13 | 1,191 | 160 | 3,699 3,484 | 1,519 |
| 39 | Metal Containers .......................... |  |  | 2 |  |  |  |  |  |  |  |
| 40 | Heating, plumbing, and fabricated structural | 20 | 25 |  |  | 81 | 71 | 38 | 51 | 23,542 | 9,353 |
| 41 | Screw machine products and stampings ..................................................................... | +34 |  | 8 |  |  |  |  | 11 | ${ }_{9} 986$ | 111 3.653 |
| 42 | Other fabricated metal products | 139 | 259 | ${ }_{12}^{8} \mathbf{1}^{8}$ |  | 27 | ${ }_{93}^{63}$ | ${ }_{29}$ |  | 9,166 | 3,653 |
| 44+45 | Farm, construction, and mining mactinery | 253 | 684 | 40 | 22 | 316 | 884 | 288 | 508 | 907 |  |
|  | Materials handiing machinery and equipment |  |  |  |  | ${ }_{7}^{66}$ | 157 | 52 | 187 | -,327 | 102 |
| 47 | Metaworking machinery and equipment....... |  |  |  |  |  |  |  |  |  | 104 |
| 49 | General industrial machinery and equipment | 31 |  |  |  | 35 | 223 | 103 | 94 | 3,293 | 36 |
| 50 | Miscellaneous machinery, except electrical. | 50 | 138 |  |  |  | 114 | 169 | 14 | 239 | 6 |
| $\begin{aligned} & 51 \\ & 52 \end{aligned}$ | Computer and oftice equipment $\qquad$ <br> Service industry machinery |  | - |  |  |  |  |  |  | 5,019 | 2,361 |
| 53 |  |  |  |  |  |  |  |  | 44 | 2,696 | 1,028 |
| $\begin{aligned} & 54 \\ & 55 \end{aligned}$ | Household appliances <br> Electric lighting and wiring equipment $\qquad$ |  |  |  | ................19 | ........................ | 16 | 9 |  | 8,267 | ${ }_{3} 5651$ |
| 55 | Audio, video, and communication equipment |  |  |  |  |  |  |  |  | 1,896 | ${ }_{626}$ |
| 57 58 | Electronic components and accessosies ........ |  |  |  |  |  |  |  |  |  | 438 |
| 59 A | Miscellaneous electrical machinery and supplies |  |  |  |  |  |  |  |  |  | 438 |
| 598 |  | 58 | 140 | 27 | 43 | 15 | 34 | 40 | 48 | 552 | 324 |
| 60 | Aircraft and parts ................................................. |  | . |  |  |  |  |  |  |  |  |
| $\begin{aligned} & 61 \\ & 62 \end{aligned}$ | Other transportation equipment <br> Scientific and controling instruments $\qquad$ |  | ................. |  |  |  |  |  | ….............. | 64 1,503 | 535 |
| 6 | Opthalmic and photographic equipment |  |  |  |  |  |  | 11 |  |  | ${ }^{23}$ |
| 64 654 | Miscellaneous manufacturing <br> Railroads and related sevices; passenger ground transp | 29 1,168 1 | 287 |  | 60 | ${ }_{5}^{2}$ | 769 | ${ }_{160}^{4}$ | $\begin{array}{r}5 \\ 59 \\ \hline\end{array}$ |  | 732 486 |
| 658 | Motor freight transportation and warehousing | 1,933 | 1,142 | 26 | 248 | 143 | 311 | 252 | 227 | 7,043 | 3.521 |
| 65 C | Water transportation | 115 | 190 | 155 | 13 |  | 143 | 264 | 10 |  | 285 |
| 650 | Air transportation .............. |  |  |  | 329 | 34 |  | 246 | 38 |  |  |
| ${ }_{65}^{65}$ | Pipelines, freight forwarders, and related services <br> Communications, except radio and TV | 90 229 | 21 250 |  |  |  | 5 36 | 1968 | $4{ }^{2}$ | 10 1,770 | 1,014 ${ }^{6}$ |
| 67 | Radio and TV broadcasting .................... |  |  |  |  |  |  |  |  |  |  |
| 688 | Electric services (utilities) | 1,710 | 861 |  |  | ${ }_{7} 795$ |  | 1,626 | ${ }_{274}^{683}$ | 710 | 389 |
| ${ }_{68 \mathrm{C}}^{68}$ | Gas production and distribution (utilities) |  | 314 544 |  |  |  | ${ }_{3}{ }_{3}$ | 2,883 | 8 | 509 | 298 |
| 69A | Wholesale trade ....... | 4,931 | 5,971 | 203 | 974 | 302 | 846 | 935 | 475 | 18,148 | 8,719 |
| 698 | Retail trade ...... |  |  | 90 | ${ }_{174}^{8}$ | 15 | 37 | 126 | 45 | 18,381 | 10,049 |
| 70A | Finan | 466 311 | 509 | 48 | 77 | 86 | 44 | 113 | ${ }_{46}$ | 2,934 2,710 | 1,829 |
| 7108 | Insurance ...............is. |  | 371 |  |  |  |  |  |  | 2,70 |  |
| $71{ }^{1}$ | Real estate and royaties | 3,973 | 9,375 |  | 215 |  | 565 | 17,182 | 158 | 2,478 | 1,297 |
| 72 A | Hotels and lodging places ....................... |  |  | 28 |  |  |  | 264 | 38 | 405 | 222 |
| 72 B | Personal and repair services (except auto) | ${ }_{53}^{26}$ | 72 | ${ }^{6}$ | 72 | 5 | 8 | 12 | 4 | 242 | 146 |
| 73 A | Computer and data processing senices ... |  |  | 220 | ${ }_{4}^{16}$ | -23 | 23 | 115 | 52 | 340 | 202 |
| 73 C | Lega, engineering, accounting, and realed services ...aic | 430 | 1,122 | 159 | 307 | 134 | 201 | 1.884 | 120 | 13,343 | 7,889 |
| 730 | Advertising ........................ | 11 | 23 | 6 | 101 | 5 | 14 | 128 |  |  | 186 |
| 74 |  |  | 16 |  | 58 |  |  | 312 | 55 | 503 | 271 |
| 75 | Automotive repair and services ...... | 185 | 492 | 55 | 371 | 49 | 45 | 113 | 30 | 3,002 | 1,815 |
| 76 | Amusements ..................................................................................................... |  |  |  | 219 |  |  | 30 |  | 56 | 33 |
| 77 A | Heath services ............................................................................................. |  |  |  |  |  |  |  |  |  |  |
| 778 | Educational and social senices, and membership organizations. Federal Govermment enterprises .................................. |  |  |  |  |  |  |  | 8 | 27 468 | 11 274 |
| 79 |  |  | 36 |  |  |  |  |  |  | 14 | 崖 |
| 80 | Noncomparable imports ...................................................................................... |  |  | ................ |  |  |  | 1,033 | 20 |  |  |
| 81 | Scrap, used and secondhand goods ............................................................................ |  |  |  |  |  |  |  |  |  | 3 |
| 83 | General government industry $\qquad$ |  |  |  |  |  | .-............. |  |  |  | ……...... |
| 84 | Household industry ........................ |  |  |  |  |  |  |  |  |  |  |
| 85 |  |  |  |  |  |  |  |  |  |  |  |
| 1 | Total intermediate inputs ....................................................................................... | 75,901 | 50,554 | 4,807 | 11,269 | 6,419 | 11,113 | 56,056 | 5,468 | 254,179 | 112,529 |
| VA | Value added | 15,603 | 57,740 | 4,806 | 16,982 | 4,330 | 15,804 | 49,313 | 8,214 | 202,770 | 109,852 |
| T | Total industry outut .......................................................................................... | 91,504 | 108,294 | 9,613 | 28,251 | 10,749 | 26,917 | 105,369 | 13,682 | 456,949 | 222,361 |

by Industries, 1992
at producers' prices]


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

by Industries, 1992-Continued
at producers' prices]

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \[
\left|\begin{array}{c}
\text { Primary non- } \\
\text { ferrous metals } \\
\text { manufacturing }
\end{array}\right|
\] \& Metal containers \& \begin{tabular}{l}
Heating, \\
plumbing, \\
cated \\
structural \\
products
\end{tabular} \& \[
\left|\begin{array}{c}
\text { Screwe } \\
\text { marchine } \\
\text { proutcts and } \\
\text { stampings }
\end{array}\right|
\] \& \[
\begin{gathered}
\text { One fabri- } \\
\text { catede } \\
\text { cheat } \\
\text { procuctict }
\end{gathered}
\] \& Engines and
turbines \& \[
\begin{array}{|c|}
\text { Farm, con- } \\
\text { struction, and } \\
\text { maning } \\
\text { machinery }
\end{array}
\] \& \[
\begin{aligned}
\& \text { Mataidias } \\
\& \text { nandidy } \\
\& \text { machinery } \\
\& \text { equifment }
\end{aligned}
\] \& \[
\begin{gathered}
\text { Metalaworking } \\
\text { machinery } \\
\text { and } \\
\text { animent }
\end{gathered}
\]
equipment \& \[
\begin{aligned}
\& \text { Special } \\
\& \text { industry } \\
\& \text { machingy } \\
\& \text { and }
\end{aligned}
\]
equipment \& \[
\begin{aligned}
\& \text { Generala } \\
\& \text { industial } \\
\& \text { machinely } \\
\& \text { equintment }
\end{aligned}
\] \&  \& Computer and office \& \[
\begin{gathered}
\text { Sevive } \\
\text { Sindstry } \\
\text { machinery }
\end{gathered}
\] \& Commodity \\
\hline 38 \& 39 \& 40 \& 41 \& 42 \& 43 \& \(44+45\) \& 46 \& 47 \& 48 \& 49 \& 50 \& 51 \& 52 \& \\
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline \& \& \& \& \& \& \& \& \(\cdots\) \& \& \& \& \& \& \\
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline \({ }^{2} 2139\) \& \& \& \& \& ………..... \& \& \& \& \& \& \(\cdots\) \& \& \& \({ }_{5}^{5} 6\) \\
\hline 15 \& \& \& \& \& .... \& ...․․․․․… \& \& \& \& \& \& \& \& \(9+10\) \\
\hline 366 \& \& \(\cdots{ }^{17}{ }^{178}\) \& 334 \& 317 \& 12 \& \& \({ }^{\square}\) \& 159 \& 118 \& 149 \& 164 \& 380 \& 174 \& 12 \\
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& \& 14 \\
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& \& \(\stackrel{15}{16}\) \\
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& \& 178 \\
\hline 194 \& \& \& \& \& \& \& \& \& 54 \& \& \& \& 63 \& 20+21 \\
\hline \({ }^{28}\) \& \& \& \(\cdots\) \& 234 \&  \& \& \& \& \(\cdots\) \& \& \& \& \({ }^{124}\) \& 2223 \\
\hline \& \& \& \& \& …… \(\quad 14\) \& \& .-.. \& \& \& - \(\quad 122\) \& \& \& \(\stackrel{98}{98}\) \& \({ }^{265}\) \\
\hline 253 \& 79
104 \& \begin{tabular}{|c}
5 \\
535
\end{tabular} \& \({ }_{173}^{4}\) \& \({ }_{629}{ }^{2}\) \& …ㅈ․…… \({ }^{2}\) \& \& \& \& \& \& , \& \& 1
60 \& - 2268 \\
\hline 929 \& \& 37 \& 85 \& 289 \& \(\cdots\) \& \& \(\cdots\) \& \& \& 15 \& 12 \& 24 \& 107 \& \({ }^{278}\) \\
\hline \& \& \& \& \& - \& , \& \& …………" \& \& .i. \& \(\cdots\) \& \& \& - \\
\hline \[
\begin{aligned}
\& 304 \\
\& 3045
\end{aligned}
\] \& \[
\begin{gathered}
285 \\
38 \\
18
\end{gathered}
\] \& \[
\begin{gathered}
2595 \\
5597 \\
595
\end{gathered}
\] \& \[
\begin{gathered}
89 \\
\hline 149
\end{gathered}
\] \& \[
\begin{gathered}
\begin{array}{c}
3636 \\
1,90
\end{array} \\
\hline 1504
\end{gathered}
\] \& \[
\begin{aligned}
\& 20 \\
\& 26 \\
\& 202
\end{aligned}
\] \& \& \[
\begin{gathered}
1 \\
3 \\
962
\end{gathered}
\] \& \(\begin{array}{r}52 \\ \hline 13 \\ \hline 23 \\ \hline\end{array}\) \& \[
\left|\begin{array}{r}
50 \\
400
\end{array}\right|
\] \& \& \& \& 85
45
704 \& 30
31
32 \\
\hline \& \(\cdots\) \& \[
23_{71}{ }^{3}
\] \& \& \& \(\cdots\) \& \& \(\cdots\) \& \(\cdots\) \& \& \(\cdots\) \& \(\cdots\) \& \(\cdots\) \& 4 \& +35 \\
\hline \({ }^{1} 164565\) \& 2,249 \& \[
\begin{array}{r}
28 \\
8.750 \\
\hline 1050
\end{array}
\] \& \[
\begin{array}{r}
280 \\
7,460
\end{array}
\] \&  \& \[
2,224
\] \& \[
\begin{array}{r}
140 \\
3,396
\end{array}
\] \& \({ }_{917}{ }^{8}\) \& - \& \& \& \[
\begin{array}{r}
89 \\
1,844 \\
1 \\
\hline
\end{array}
\] \& \& \(\begin{array}{r}14 \\ 1,435 \\ 1553 \\ \hline\end{array}\) \& 36
37
38 \\
\hline 21,355 \& + \& 4,235 \& -1,673 \& 3,087 \& \({ }_{4}^{244}\) \& \({ }_{270}\) \& 196 \& \({ }_{573}\) \& \({ }_{847}\) \& \& \& \& 1,553 \& 38
39 \\
\hline \& \&  \& \& \begin{tabular}{|r|r|r|}
\hline 69 \\
1,154 \\
\hline
\end{tabular} \& 235 \& 1,4.458 \& \({ }^{130}\) \& \({ }_{211}^{311}\) \& \& \& \& \& \& 40
41 \\
\hline \(\begin{array}{r}32 \\ 427 \\ \hline\end{array}\) \& \({ }_{196}^{5}\) \& 1,667 \& \({ }_{800}^{505}\) \&  \& 643
577 \& \({ }^{4580}\) \& \({ }^{250} 19\) \& 218
296 \& \begin{tabular}{l}
194 \\
572 \\
\hline 1
\end{tabular} \& 287
376 \& 245
402
4 \& \({ }_{197}^{482}\) \& 840
459 \& \({ }_{42}^{41}\) \\
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& 29 \& 43 \\
\hline 600 \& \& \& \& \& - \& \& \& \& \& \&  \& \& \& \\
\hline 600
61 \& \& \& \& \& \& \& \& 1,184 \& \& \& \& \& 125 \& \({ }_{48}^{47}\) \\
\hline \({ }_{236}^{405}\) \& \& 112
236 \& \begin{tabular}{|c}
65 \\
647 \\
\hline
\end{tabular} \& \({ }^{18} 4\) \& \({ }_{780}^{283}\) \& 882
886 \& \({ }_{245}^{463}\) \&  \& \& \({ }^{2.366}\) \& (1,585 \& \& \begin{tabular}{|c}
467 \\
577
\end{tabular} \& 49
50 \\
\hline \& \& \&  \& \& …ㅈ․․․․․․․․․ \& \(\cdots\) \&  \& \(\cdots\) \& \& \& \(\cdots\) \& 1,698 \& \& +51 \\
\hline 183 \& \& \& \(\bigcirc\) \& \& - 691 \& 214 \& \({ }^{247}\) \& 580 \& 774 \& 1,112 \& \(\square\) \& \({ }^{1,124}\) \& 1,422 \& 53
54
5 \\
\hline 51 \& \& \& \& \& \& 10 \& \& \&  \& \& \& \& 181 \& \(\stackrel{35}{56}\) \\
\hline \& \& \& \& \({ }^{\square}\) \&  \& .-7\%-7.192 \& \({ }^{\square}\) \& \& \& \& \& 13,515 \& \& 56
59
59 \\
\hline \& \& \& \& \& \& \& \& \& 19
\(\ldots \ldots+\ldots+\cdots+\cdots\) \& \& \& \& \(\cdots\) \& 598
598 \\
\hline 10 \& \& 11 \& 25 \& \& 75 \& 129 \& \& \& \& \& \& \& \& 598 \\
\hline \& \& 108 \& \& \& \& \& \& \&  \& \& \& \& \(\cdots\) \& 60
62
68 \\
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& 482
4
4
4 \& 62
63
64
64 \\
\hline -1,872 \& 229 \& 189
801 \& \begin{tabular}{r} 
156 \\
\hline 54 \\
524
\end{tabular} \& \&  \& \begin{tabular}{|c}
7 \\
\hline 66 \\
508
\end{tabular} \& 99 \& \& \& \& \& \({ }^{48}\) \& \(\begin{array}{r}12 \\ 45 \\ \hline 50\end{array}\) \& -64 \\
\hline 1,892 \& 229 \& 18017 \& 524 \& \&  \& \& 91 \& \& \& \& \& \& 55 \& \({ }_{650}^{650}\) \\
\hline \({ }^{238}\) \& \(\stackrel{38}{1}\) \& \& \(\stackrel{122}{1}\) \& \& \begin{tabular}{|r}
103 \\
1 \\
\hline
\end{tabular} \& 149 \& \& \& \& \& 107 \& \({ }_{3}^{357}\) \& \(\stackrel{103}{1}\) \& \({ }^{655}\) \\
\hline 127 \& 21 \& 151 \& 70 \& 180 \& 38 \& \& 29 \& 112 \& \& \& 72 \& 245 \& 78 \& \({ }_{67}^{66}\) \\
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& \(\stackrel{199}{56}\) \& \\
\hline  \& \begin{tabular}{r}
57 \\
\hline 866 \\
88
\end{tabular} \& 168
4, 38
, \& \(\begin{array}{r}124 \\ \hline 3,996 \\ \hline\end{array}\) \& - \(\begin{array}{r}10 \\ 2,945 \\ \hline 10\end{array}\) \& \begin{tabular}{|c}
30 \\
960 \\
960
\end{tabular} \& 2,365 \& \(70{ }^{3}\) \& (189 \& \& 1,815 \& \& 6,34i \({ }_{6}{ }^{43}\) \& \(\begin{array}{r}\text { \% } \\ \hline 1.786 \\ \hline 186\end{array}\) \&  \\
\hline 5, \({ }^{\text {8 }}\) \& \& \& -19 \& \& \({ }_{112}^{4}\) \& \& \& \& \& \& \& \& \& 698
708 \\
\hline \({ }_{91}{ }^{12}\) \& \({ }^{84}\) \& 66 \& \({ }_{51}^{261}\) \& \& \[
\left.\begin{gathered}
112 \\
22
\end{gathered} \right\rvert\,
\] \& \& \& \& \& \& \[
\begin{gathered}
176 \\
{ }_{34}
\end{gathered}
\] \& 484
82 \& \({ }_{38}^{194}\) \& \({ }_{708}^{70 A}\) \\
\hline 299 \& \& \& \& \& \& \& \& \& \& \& \& \& \({ }^{136}\) \& \({ }_{71 \mathrm{~B}}^{71 \mathrm{~A}}\) \\
\hline \begin{tabular}{l}
191 \\
95 \\
\hline 1
\end{tabular} \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline \({ }_{191}^{195}\) \& \({ }_{31}^{25}\) \& 44
124
1 \& \(\begin{array}{r}75 \\ \hline 125 \\ \hline\end{array}\) \& \(\begin{array}{r}87 \\ 201 \\ \hline 80\end{array}\) \& 81 \& 38
121
129 \& \& \& \& 49
99 \& 26
56 \& \& \(\begin{array}{r}26 \\ 107 \\ \hline\end{array}\) \& 728
73 \\
\hline 166 \& -46 \& \({ }_{1}^{124}\) \& 286 \& 366 \& \({ }^{48}\) \& \({ }^{225}\) \&  \& 203 \& \(\begin{array}{r}45 \\ 193 \\ \hline 10\end{array}\) \& 216 \& 189 \& -603 \& 158

158
264 \& ${ }_{738}$ <br>

\hline | 789 |
| :--- |
| 114 |
| 1 | \& 130

33 \& 1.044 \& 611
263 \& \& 200 \& \& \& \& \& \& \& \& ${ }_{221}^{264}$ \& ${ }_{730}^{73 C}$ <br>
\hline $\begin{array}{r}249 \\ 309 \\ \hline 196\end{array}$ \& 50 \& 209 \& 2031
141
151 \& \& \& 135 \& 382 \& \& \& ${ }^{132}$ \& ${ }_{101}$ \& \& $\begin{array}{r}107 \\ \hline 74\end{array}$ \& ${ }^{74}$ <br>
\hline 306
13 \& \& \& \& \& \& \& \& \& \& \& \& \& 74
9 \& 76 <br>
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& \& 77 A <br>
\hline \& \& ${ }_{36}^{56}$ \& 25 \& \& \& \& \& \& \& \& \& \& \& 78 <br>
\hline $\begin{array}{r}86 \\ 123 \\ \hline 126 \\ \hline\end{array}$ \& \& \& \& \& \& \& \& \& \& \& \& 3,568 \& 23 23 \& 79
80 <br>
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& \& 82 <br>
\hline , \& \& $\cdots$ \& …프… \& - \& $\cdots$ \&  \&  \& $\cdots$ \& \& $\cdots$ \& ............ \& \& \& ${ }_{84}^{83}$ <br>
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline  \& ( \& 280,785
20,706 \&  \&  \&  \& \& [4,634 \& (112,3020 \& \& \& 10,911
14,160 \& $\xrightarrow{45,932}$ \& (15.4888 \& VA <br>

\hline c|ers \& (2,502 \& 20,706 ${ }_{49,491}$ \& lis, ${ }_{3}^{15,784}$ \& S3,974 \& (6,030 | 17,044 |
| :---: | \& l ${ }_{\text {32,031 }}^{13,098}$ \& 8, ${ }_{8,5151}$ \& - \& 9,646

20,231 \& (14,472 \& [14,600 \& [17,992 \& +10,967 \& VA <br>
\hline
\end{tabular}

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

by Industries, 1992-Continued at producers' prices]


Table 2.1.—The Use of Commodities
Millions of dollars

| Commodity number | For the distribution of output of a commodity, read the row for that commodity <br> For the composition of inputs to an industry, read the column for that industry | Retail trade | Finance | Insurance | Owneroccupied dwellings | Real estate and royalties | $\begin{gathered} \text { Hotels and } \\ \text { todging } \\ \text { places } \end{gathered}$ | Personal and repair services (except auto) | Computer and data processing services | Legal, engineering, accounting, and related services | Other business and professional services, except medical | Advertising |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Industry number | 698 | 70A | 708 | 71A | 71B | 72A | 72B | 73A | 738 | 730 | 730 |
| 1 | Lives |  |  |  |  |  |  |  |  |  |  |  |
| 2 | Other |  |  | 2 |  | 25 |  |  |  | 6 | 2 |  |
| $\begin{array}{r} 3 \\ -4 \end{array}$ | Forestry and fishery products Agricultural, forestry, and fishery services |  | 114 |  | 3,634 | 877 |  |  | 54 | 113 | 01 | 9 |
| 5+6 | Metallic ores mining Coal mining |  |  | .... | ................... |  |  |  | .. |  |  |  |
| $\begin{array}{r} 8 \\ 9+10^{2} \end{array}$ | Crude petroleum and natural gas |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{array}{r} 9+10 \\ 11 \end{array}$ | Nonmetalic minerals mining New construction |  |  |  |  |  |  |  |  |  |  |  |
| 12 | Maintenance and repai................ion | 5,017 | 1,146 | 612 | 21,663 | 29,578 | 1,526 | 512 | 310 | 388 | 897 | 51 |
| $\begin{aligned} & 13 \\ & 14 \end{aligned}$ | Ordnance and accessories .... Food and kindred products |  |  |  |  |  | 119 |  |  |  | $\begin{aligned} & 88 \\ & 31 \end{aligned}$ |  |
| 15 | Tobacco products ............ |  |  |  |  |  |  |  |  |  |  |  |
| 16 | Broad and narrow fabrics | 51 |  |  |  |  |  | $142$ |  |  |  |  |
| 17 | Miscellaneous textile goods and floor coverings | 43 |  |  |  |  |  | $\begin{array}{r} 37 \\ 376 \end{array}$ |  |  |  |  |
| 19 |  | 332 | 175 | 19 |  | 10 | 503 | 260 |  |  |  | 18 |
| $20+21$ | Lumber and wood products .... | 107 | 75 | 47 |  | 43 | 12 | 43 | 18 |  |  | 4 |
| $22+23$ 24 |  |  |  |  |  |  | 203 | 255 |  | $\begin{array}{r} 5 \\ 728 \end{array}$ | 1,404 |  |
| $\begin{aligned} & 24 \\ & 25 \end{aligned}$ | Paper and allied products, except containers Paperboard containers and boxes $\qquad$ | $\begin{array}{r} 3,927 \\ 878 \end{array}$ | $\begin{array}{r}1,133 \\ 135 \\ \hline\end{array}$ | 381 49 |  | 546 75 | 124 | 59 | 287 25 | 728 98 | -573 | 5 |
| 26 A | Newspapers and periodicals | 113 | 318 | 35 |  | 24 | 53 | 34 | 35 | 128 | 154 | 6 |
| 26 B | Other printing and publishing | 599 | 3,506 | 1,543 |  | 814 | 191 | 949 | 1,039 | 1,963 | 2,451 | 3 |
| 27A | Industrial and other chemicals ... | 40 | 50 | 20 | 2 | 42 | 11 | 154 | 10 | 44 | 1,241 | 2 |
| 27 B | Agricultural fertilizers and chemicals | 23 |  |  | 344 | 132 | 112 |  |  |  |  |  |
| $\begin{array}{r} 28 \\ 29 A \end{array}$ | Plastics and synthetic materials .... | 12 |  |  |  |  |  |  |  |  |  |  |
| 298 | Cleaning and toilet preparations | 159 | 23 |  |  | 50 | 72 | 1,117 |  |  | 450 |  |
| 30 | Paints and allied products | 32 |  | 46 |  | 27 |  |  | ................ |  |  |  |
| 31 | Petroleum refining and related products | 2,787 | 392 | 127 |  | 560 | 188 | 382 | 104 | 218 | 1,493 |  |
| 32 | Rubber and miscellaneous plastics products | 1,777 | 125 | 342 | 61 | 396 | 247 | 386 | 192 | 243 | 1,039 | 26 |
| 33+34 | Footwear, leather, and leather products | 128 |  |  | ................ | 8 |  | 350 |  | 41 |  |  |
|  | Glass and glass products ..... | 14 | 26 | 9 |  | 帾 | 554 | 4. | 4 | 26 | 292 |  |
| 36 | Stone and clay products ......................................................................... | 19 | 10 |  |  | 359 | 8 | 10 |  | 24 |  |  |
|  | Primary iron and steel manufacturing ..... |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & 38 \\ & 39 \end{aligned}$ | Primary nonierrous metas manuiacturing |  | .............. |  | .................. |  |  |  | ...................... | ........................ | $\begin{aligned} & 20 \\ & 38 \end{aligned}$ |  |
| 40 | Heating, plumbing, and fabricated structural....................................... | 8 |  | ............... | 134 | 83 |  |  |  | ............... |  |  |
| 41 | Screw machine products and stampings |  |  |  |  |  |  | 85 |  |  | 103 |  |
| 42 | Other fabricated metal products. | 614 |  | 212 |  | 189 | 38 | 238 | 42 | 172 | 318 | 10 |
| 44+45 | Farm, construction, and mining machinery |  |  |  | 159 |  |  |  | ${ }^{\text {................. }}$ | ........ |  |  |
| 46 | Materials handling machinery and equipment .............................................. |  |  |  |  | ................ |  |  |  |  |  |  |
| 47 | Metalworking machinery and equipment. |  |  |  |  |  |  | 12 |  | 11 |  |  |
| 48 | Special industry machinery and equipme | $\begin{aligned} & 42 \\ & 23 \end{aligned}$ |  |  | ... |  | ................ | 41 | 2 | 5 |  |  |
| 50 | General industrial machinery and equipmiat Miscellaneous machinery, except electrical | 249 | 16 |  |  | $\begin{array}{r} 10 \\ 7 \end{array}$ |  | $\begin{aligned} & 37 \\ & 99 \end{aligned}$ | 19 | 77 | 439 |  |
| 51 | Computer and office equip | 81 | 240 | 187 |  | 38 | 7 | 447 | 6,602 | 513 | 476 |  |
| 5 | Service industry machinery | 130 | 2 |  |  |  | 6 | 324 |  | 4 | 142 | 2 |
| 53 | Electrical industrial equipme |  | 18 |  |  | 5 |  | 57 | 22 | 4 | 867 |  |
| 55 | Household appliances |  |  |  |  | $\begin{aligned} & 48 \\ & 37 \end{aligned}$ | 8 | $\begin{gathered} 683 \\ 22 \end{gathered}$ |  |  |  |  |
| $\begin{aligned} & 55 \\ & 56 \end{aligned}$ | Electric lighting and wiring equipment $\qquad$ Audio, video, and communication equipment | 228 32 |  |  | $\cdots$ | 4 |  | 12 |  |  |  | 2 |
| 57 | Electronic components and accessories. | 193 | 67 |  |  |  |  | 933 | 4,396 | 20 | 2,469 |  |
| 58 | Miscellaneous electrical machinery and supplies .............................................. | 325 | 337 | 263 |  | 70 | 16 | 59 | 331 | 415 | 404 | 16 |
| $\begin{aligned} & 59 \mathrm{~A} \\ & 59 B \end{aligned}$ | Motor vehicies (passenger cars and trucks) $\qquad$ <br> Truck and bus bodies, trailers, and motor vehicles parts $\qquad$ | 1,961 | 68 |  | .-... |  |  |  |  | 91 | 493 | 23 |
| 60 | Aircran and pats ....... |  |  |  | .... |  |  |  |  |  |  |  |
| 61 | Other trans |  |  |  |  |  |  |  |  |  | 279 |  |
| 63 | Scientific and controling | 190 |  | 324 |  |  | 28 | 956 | 66 | 600 | 1,187 | 37 |
| 64 | Miscellaneous manulacturing | 478 | 646 | 175 |  | 155 | 85 | 1,322 | 59 | 312 | 629 | 33 |
| 654 | Railroads and reated services; passenger ground transportation ... | 429 | 327 | 274 |  | 366 | 64 | 71 | 81 | 182 | 543 | 19 |
| 65 B | Motor freight transportation and warehousing | 1,442 | 4,295 | 887 | 25 | 555 | 317 | 481 | 168 | 740 | 1,615 | 44 |
| 65 C | Water transportation.. | 74 | 33 |  | ............... | 13 | 15 | 30 | 10 | 35 | 19 | 3 |
| 65 | Air transpor | 1,490 | 1,383 | 1,014 |  | 1,277 | $\begin{aligned} & 223 \\ & 799 \end{aligned}$ |  | 10 | 244 | ${ }^{1,808}$ | 73 |
| 65 E | Pipelines, freight forwarders, and related services $\qquad$ Communications, except radio and TV $\qquad$ | 4,984 | 1,26 5,192 | 4,175 | . | 3,780 | $\begin{aligned} & 799 \\ & 787 \end{aligned}$ | 1,140 | 2,385 | $\begin{array}{r} 21 \\ 3,019 \end{array}$ | 4,473 | 312 |
| 67 | Radio and TV broadcasting |  |  |  |  |  |  |  |  |  |  | 148 |
| 68 | Electric services (utilities) ... | 11,904 | 1,973 | 376 | ................ | 6,591 | 2,162 | 1,283 | 408 | 866 | 1,372 | 122 |
| 68 B | Gas production and distribution (utitities) | 860 | 478 | 41 |  | 945 | 359 | 403 | 29 | 130 | 290 | 7 |
| ${ }_{68 \mathrm{C}}^{68}$ | Water and sanitary services.. | 1,679 | 1,051 | 119 | 86 | 3,473 | 812 | 467 | 42 | 122 | 278 | 6 |
| 69A | Wholesale tra | 2,369 | 1,813 |  | 186 | 844 | 440 | 1,613 | 2,713 | 1,233 |  | 18 |
| 69 B | Retail trade. | 1,912 8863 | 59.978 | 10,686 | 8919 | 5,105 | $\begin{array}{r}115 \\ 3.052 \\ \hline\end{array}$ | 79 879 | 996 | 2711 | 3.055 | $\begin{array}{r}18 \\ 176 \\ \hline\end{array}$ |
| 70B | Finance ... | 1,581 | 1,267 | 64,466 | 3,022 | 1,637 | 105 | 214 | 93 | 290 | 645 | 35 |
| 71A | Owner-cccupied dwellings |  |  |  |  |  |  |  |  |  |  |  |
| 718 | Real estate and royalies | 37,343 | 13,426 | 9,227 | 16,4 | 35,987 | , 361 | 5,141 | 3,684 | 13,594 | 9,814 | 1,360 |
| 72 A | Hotels and lodging places. | 1,590 | 1,202 | 1,081 |  | 1,409 | 217 | 241 | 322 | 1,364 | 1.616 | 71 |
| 72 B | Personal and repair sevices (except auto) ...................................................... | 1,670 | 439 | 175 |  | 1,944 | 406 | 4,479 | 171 | 207 | 612 | 31 |
| 73A | Computer and data processing services ... | 3,427 | 12,745 | 2,241 |  | 625 | 396 | 543 | 9,273 | 6,149 | 5,260 | 249 |
| 73 B | 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 |
| ${ }_{73 \mathrm{C}}$ | Other business and professional services, except medical ................................ | 18,437 | 16,395 | 8,848 | 1,640 | 14,303 | 4,247 | 2,525 | 3,636 | 21,105 | 18,122 | 2,454 |
| 730 | Advertising | 26,490 | 7,426 | 2,730 |  | 5,001 | 1,048 | 2,267 | 1,084 | 924 | 2,8148 | 181 |
| 74 | Eating and drinking places ........... | 2,219 | 1,410 | 1,283 |  | 1,651 | 328 | 327 | 425 | 816 | 2,146 | 84 |
| 75 | Automotive repair and services ..................................................................... | 3,188 | 1,022 | 3,416 |  | 3,604 | 382 | 554 | 648 | 1,169 | 2,313 | 320 |
| 776 | Amusements ............................... | 437 | 215 | 144 |  | 171 | 33 | 43 | 46 | 179 | 451 | 614 |
| 777 A | Health senvices ................................. Educational and social services, and me | 507 | 865 | 338 |  | 476 | 110 | 326 | 750 | 781 | 1,134 ${ }^{2}$ | 67 |
| 78 | Federal Government enterprises | 3,067 | 8,904 | 1,781 |  | 1,559 | 301 | 510 | 705 | 2,414 | 2,099 | 59 |
| 7 | State and local government enterprises | 361 | 142 | 25 |  | 409 | 103 |  | 14 |  | 84 |  |
| 80 | Noncomparable imports .......................................................................... | 78 | 3,113 | 724 |  |  | 80 | 22 | 548 | 506 | 1,264 | 47 |
| 81 | Scrap, used and secondhand goods ........................................................................ |  |  |  |  |  |  |  |  |  |  |  |
|  | General government industry | .............". | .............. | ............... | ............... | …"............" | .............." | ".............." | ............... | -............." | $\cdots$ |  |
| 84 | Rest of the world adjustment to final uses Household industry |  | .............. | ............... | ................. | ... |  | $\cdots$ | ................ | ................. | .................. |  |
| 85 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Total intermediate inputs. | 162,849 | 166,107 | 127,221 | 58,419 | 137,800 | 26,071. | 37,775 | 44,385 | 85,369...... | 93,607. | 10,636 |
| VA | Value added | 359,670 | 250,165 | 103,876 | 398,831 | 412,233 | 33,531 | 53,997 | 71,345 | 170,992 | 246,758 | 19,229 |
|  | Total industry output | 522,519 | 416,272 | 231,097 | 457,250 | 550,113 | 69,602 | 91,772 | 115,730 | 256,361 | 340,445 | 29,865 |

by Industries, 1992-Continued
at producers' prices]


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

by Industries, 1992-Continued
at producers' prices]


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



# 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 ( $\mathrm{I}-\mathrm{o}$ ) accounts as the difference between the i-o measures of the gross output and the intermediate inputs used in each industry. (See Ann M. Lawson, "Benchmark Input-Output Accounts for the U.S. Economy, 1992," beginning on page 36 of this issue.)

This note explains bea's use of the NIPA data for the gro estimates, discusses the differences between the gro 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 1-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

[^48]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 r-o value-added and the gro estimates is the lack of consistency in industry classification at the establishment level. The i-o estimates largely reflect the industry classifications assigned by the Bureau of the Census in the economic censuses. The Gpo estimates reflect a mix of classifications: The wage and salary component of GDI is based on industry classifications assigned by the Bureau of Labor Statistics for Employment and Wages, and the nonfarm proprietors' income component is based on industry classifications assigned by the Internal Revenue Service for the Statistics of Income program. In addition, GDI in theory should equal GDP, but in practice, these measures differ because they are estimated using largely independent and less-than-perfect source data. The difference between these two nipa measures is called the "statistical discrepancy." For the GPo series, the statistical discrepancy is presented as a component of private industries because bea assumes that it does not affect the estimates for government. ${ }^{4}$ For the I-o accounts, this difference does not exist, because the components of both final expenditures and value added result from the internally consistent i-o framework and because these accounts do not include independent estimates of the detailed components of value added.

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

[^49]and the new I-o estimates. In order to make a valid comparison, it was necessary to adjust both series. The gro 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 $\mathrm{I}-\mathrm{o}$ estimates show a share of GDP ( 18.5 percent) that is 1.4 percentage points higher than the Gpo share. The largest offset to this difference is in retail trade, where the I-O share ( 8.1 percent) is 0.6 percentage point lower than the Gpo share. These differences may reflect the weakness in the methodology used to convert some of the GDI components, such as corporate profits, from an enterprise to an establishment basis; this weakness may be particularly significant for manufacturing firms because many of them are also engaged in retail activities. For both the communications industry and the electric, gas, and sanitary services industry, the $1-0$ value-added estimates are 0.4 percentage

[^50]point lower than the GPo estimates. These differences may reflect errors in the industry distribution of intermediate inputs in the $\mathrm{I}-\mathrm{O}$ accounts or differences in establishment-industry classifications embedded in the source data.

As part of the implementation of its Strategic Plan, bea is working to improve the integration of the I 0 accounts and the GPO estimates in order to reduce or eliminate these differences. ${ }^{6}$ BEA will be reviewing expected improvements in the source data and in the methodologies used to prepare both the I-O accounts and the GPO series. These improvements include collecting additional data on intermediate purchases by nonmanufacturing establishments in the 1997 economic censuses and improving the consistency of the industry classifications assigned by Federal statistical agencies using the new U.S. industry classification system (the North American Industry Classification System). bea is also developing plans to prepare annual I-o accounts and will evaluate the reliability of the procedures that are used in the gro estimates to convert enterprise data to an establishment-industry basis.

[^51]Table 1.-Comparison of GPO With 1-O Value Added, 1992

|  | Billions of dollars |  |  |  | Percent |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | GPO |  | 1-0 value added |  | Percentage of GDP |  |
|  | Published | Adjusted | Published ${ }^{1}$ | Adjusted | Adjusted GPO | Adjusted 1-O value added |
| Gross domestic product ...................................... | 6,244.4 | 6,233.9 | 6,233.9 | 6,233.9 | 100.0 | 100.0 |
| Private industries ........................................................... | 5,370.8 | 5,360.3 | 5,382.5 | 5,365.9 | 86.0 | 86.1 |
| Agriculture, forestry, and fishing ...................................... | 112.4 | 112.4 | 98.1 | 105.9 | 1.8 | 1.7 |
| Mining ....................................................................... | 92.2 | 92.2 | 88.5 | 89.0 | 1.5 | 1.4 |
| Construction .............................................................. | 229.7 | 229.7 | 301.7 | 252.4 | 3.7 | 4.0 |
| Manufacturing ................................................................ | 1,063.6 | 1,063.6 | 1,136.1 | 1,155.7 | 17.1 | 18.5 |
| Durable goods ....................................................................... | 573.4 | 573.4 | ${ }^{603.6}$ | 616.0 5396 | 9.2 | 9.9 |
| Nondurable goods ................................................................. | 490.3 | 490.3 | 532.6 | 539.6 | 7.9 | 8.7 |
| Transportation and public utilities ...................................... | 528.7 | 528.7 | 466.9 | 484.5 | 8.5 | 7.8 |
| Transportation ........................................................ | 192.8 | 192.8 | 192.3 | 193.5 | 3.1 | 3.1 |
| Communications ..................................................... | 161.1 | 161.1 | 132.4 | 139.9 | 2.6 | 2.2 |
| Electric, gas, and sanitary services ................................. | 174.7 | 174.7 | 142.2 | 151.1 | 2.8 | 2.4 |
| Wholesale trade .......................................................... | 406.4 | 406.4 | 399.9 | 404.2 | 6.5 | 6.5 |
| Retail trade ................................................................ | 544.3 | 544.3 | 494.3 | 506.3 | 8.7 | 8.1 |
| Finance, insurance, and real estate .................................. | 1,147.9 | 1,147.9 | 1,165.1 | 1,165.2 | 18.4 | 18.7 |
| Services .................................................................... | 1,200.8 | 1,200.8 | 1,239.8 | 1,202.8 | 19.3 | 19.3 |
| Inventory valuation adjustment ......................................... | n.a. | n.a. | -8.0 | n.a. | n.a. | n.a. |
| Statistical discrepancy ................................................... | 44.8 | 34.3 | n.a. | n.a. | . 5 | n.a. |
| Government .................................................................. | 873.6 | 873.6 | 851.8 | 868.0 | 14.0 | 13.9 |
| General government .................................................................... | 781.0 | 781.0 | 764.4 | 781.0 | 12.5 | 12.5 |
| Government enterprises ............................................................ | 92.6 | 92.6 | 87.0 | 87.0 | 1.5 | 1.4 |
| n.a. Not applicable. <br> 1. For this table, $1-0$ industries have been combined for consistency with Classification system used in the GPO estimates. | Standard Indust | GPO Gros HO Input-0 | oduct originating t |  |  |  |

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

By Anthony J. DiLullo and Lucie Laliberté

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0N 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 Canadianpublished balance is a surplus of $\$ 6.4$ billion for 1995 and a surplus of $\$ 12.8$ billion for 1996; on a reconciled basis, the surplus is $\$ 8.9$ billion for 1995 and $\$ 13.6$ billion for $1996 .{ }^{1}$
This article presents the results of the reconciliation of the bilateral current-account estimates of Canada and the United States for 1995 and 1996. ${ }^{2}{ }^{3}$

[^52]Table 1.-Major U.S.-Canadian Balances
[Billions of U.S. dollars]

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

[^53]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 Surver: 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.


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.)

[^54]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.

## Acknowledgments

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

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

## Reconciled Current-Account Balances for 1995 and 1996

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

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

The details of the current-account reconciliation for 1995 and 1996 are presented in the tables that follow this article. Tables 2.1 and 2.2 show the major types of reconciliation adjustmentsdefinitional, 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.

[^55]Table 2.1.-Summary of Reconciliation Adjustments, Northbound
[Millions of U.S. dollars]

|  | Definitional |  | Methodological |  |  |  | Statistical |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | United States | Canada | Reclassitication |  | Gross or net |  | United States | Canada | United States | Canada |
|  |  |  | United States | Canada | United States | Canada |  |  |  |  |
| 1995 |  |  |  |  |  |  |  |  |  |  |
| Goods ........................................................................................... | ............ | -140 | 209 | ... | ............ | ............ | -1 | 1,366 | 208 | 1,226 |
| Services ........................................................................... | ............ | -170 | -209 | ............ | ..... | ............ | 324 | -808 | 115 | -978 |
| Transfers under U.S. military agency sales contracts ............ |  | ............ | ............ | ............ | ............ | ............ | $\ldots . . .$. | 136 | $\cdots$ | 136 |
| Travel ...................................................................... |  | ............ | 527 | ............ | ............ | $\ldots$ | -59 | 78 | 468 | 78 |
| Passenger fares ........................................................ | ........... | ............ | ............ | ............ | ............ | -- | -185 | ............ | -185 | .. |
| Other transportation ....................................................... |  |  | ........... | 447 | ............ | ............ | -7 | -82 | -7 | 365 |
| Other services ............................................................. | ........ | -170 -16 | -736 -152 | -447 | ............. | ........ | 575 | -940 -1.107 | -161 | -1,558 |
|  | ............ | -116 -54 | --158 | -447 | ............ | ${ }_{\text {............ }}$ | 537 | $-1,107$ 151 | -152 -47 | $-1,223$ -350 |
| Government $\qquad$ | ............ |  |  | -44 | ............ | $\cdots$ | 38 | 16 | 38 | 16 |
| Investment income ........................................................................... | .......... | -684 | $\ldots . . . . . .$. |  | -507 | -1,943 | 2,587 | 439 | 2,080 | -2,188 |
| Direct ...................................................................... | .......... | -269 | ............ | -44 |  | -118 | -695 | 856 | -695 | 425 |
| Other ..................................................................... | - | -415 | ............ | 44 | -507 | -1,825 | 3,282 | -417 | 2,775 | -2,613 |
| Unilateral transfers ................. |  | -120 | $\ldots$ | ............ | 313 | $\cdots$ | 38 | ........ | 351 | -120 |
| Total adjustments ....................................................... | $\cdots$ | -1,114 | ............ | ............ | -194 | -1,943 | 2,948 | 997 | 2,752 | -2,060 |
| 1996 |  |  |  |  |  |  |  |  |  |  |
| Goods ........................................ | .. | -219 | 186 | ............ | ............ | ........... | 5 | 1,627 | 191 | 1,408 |
| Services ........................................................................ |  | -111 | -186 |  |  | .......... | 397 | -453 | 213 | -565 |
| Transfers under U.S. military agency sales contracts ............. |  | ............ | $\ldots$ | ............. | ............ | ...... | ............ | 166 | ............ | 166 |
| Travel ............................................. |  | .......... | 555 | ........... | .......... | ........... | 13 | 93 | 568 | 93 |
| Passenger fares .......................................................... |  | $\cdots$ | $\ldots$ | $\ldots$ | ............ | ......... | -213 | ..... | -213 | ............ |
| Other transportation ..................................................... |  |  | $\ldots . . .$. | 474 | ............ | ............ | 5 | -48 | 5 | 426 |
| Other services ........................................................... | ............. | -111 | -741 | -474 | $\ldots$ | ........ | 592 | -664 | -147 | -1,248 |
| Affiliated ................................................................ | ............ | -64 | -151 |  | ............ | ............. |  | -844 | -151 | -908 |
| Unaffiliated .............................................................. | ............ | -47 | -590 | -474 | ......... | ............ | 555 | 156 | -35 | -365 |
| Government ............................................................................... |  | ............ | ............ | ........ | ... | ...... | 37 | 24 | 37 | 24 |
| Investment income ........................................................... | .......... | -1,026 | ............ |  | -536 | -1,646 | 2,858 | 940 | 2,322 | -1,733 |
| Direct ...................................................................... |  | -293 | ........... | -70 |  | -103 | -772 | 1,646 | -772 | 1,180 |
| Other ........................................................................ |  | -733 | ........... | 70 | -536 | -1,543 | 3,630 | -706 | 3,094 | -2,912 |
| Unilateral transfers ......................................................... | ............ | -109 | ............ | $\cdots$ | 319 | ............ | 50 | $\ldots$ | 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]

|  | Defrinitional |  | Methodological |  |  |  | Statistical |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Canada | United States | Reclassilication |  | Gross or net |  | Canada | United States | Canada | United States |
|  |  |  | Canada | United States | Canada | United States |  |  |  |  |
| 1995 |  |  |  |  |  |  |  |  |  |  |
| Goods ......................................................................... | 2,273 | 3,908 | ............ | 20 | ............ | ............ | 92 | 1,300 | 2,365 | 5,228 |
| Sevices ...................................................................................... | -142 | ............ | $\cdots$ | -20 | ............. | ... | -422 | 385 | -564 | 365 |
| Direct defense expenditures .......................................... | ............ | ............ | 34 | -20 | .... | $\ldots$ | ............ | ........ | 34 | -20 |
| Travel ...................................................................... | .. |  | ............ | 9 | ............ | ............ | ............. | 68 | $\ldots$ | 77 |
| Passenger fares .......................................................... | ...... | ......... | ............ | ... | ............ | ............ | ............ | -3 | $\cdots$ | -3 |
| Other transportation ..................................................... | -86 | ............ | 457 | ............ | ............ | .... | 169 | -382 | 540 | -382 |
| Other services ........................................................... | -56 | $\cdots$ | -491 | -9 | ............ | ............ | -591 | 702 | -1,140 | 693 |
|  | -9 -47 | ............... | -491 | -9 | ............... | ............... | -825 | 690 | -834 -273 | 681 |
| Government ................................................................. |  | ............ |  |  | ............ | ..... | -31 | 12 | -31 | 12 |
| Investment income ........................................................................ | -256 | ............ | $\ldots$ | ............ | -1,943 | -507 | 1,707 | -607 | -492 | -1,114 |
| Direct .......................................................................... | -149 | ............ | ............ | ............ | -118 -1825 |  | 776 | -457 -150 | 509 $-1,001$ | -457 |
| Other ....................................................................... |  | ............ | ............ | ............ | -1,825 | -507 | 931 | -150 | -1,001 | -657 |
| Unilateral transfers ......................................................... | -816 |  | ............ | ........... | ............ | 313 | -27 | ............ | -843 | 313 |
| Total adjustments ...................................................... | 1,059 | 3,908 | ... | $\cdots$ | -1,943 | -194 | 1,350 | 1,078 | 465 | 4,793 |
| 1996 |  |  |  |  |  |  |  |  |  |  |
| Goods ........................................................................ | 513 | 4,376 | $\cdots$. | 21 | ............. | ............. | 1,169 | 1,344 | 1,682 | 5,741 |
| Services ........................................................................ | -143 | ............ | ............ | -21 | ... | ... | -81 | 710 | -224 | 689 |
| Direct defense expenditures ........................................... | .... | ........... | 32 | -21 | ............ | ............ | -6 | $\ldots$ | 26 | -21 |
| Travel .................... | ............ | ............ | ....... | 10 | .... | ............ | ......... | 155 | ........... | 165 |
| Passenger fares ......................................................... | $\ldots . . . .$. |  | ............ | $\ldots$ | ............ | ............ | ............ | -1 | ............ | -1 |
| Other transportation ........ | -79 |  | 477 | ............ | ........... | $\cdots$ | 159 | -335 | 557 | -335 |
| Other services .............................................................. | -64 | ............ | -509 | -10 |  | .. | -234 | 891 | -807 | 881 |
| Affiliated ..................................................................................... | -13 | ............ |  |  | ............ | $\cdots$ | -313 |  | -326 |  |
| Unaffiliated <br> Government $\qquad$ $\qquad$ | -51 | ............... | - ${ }^{-509}$ | -10 | ................ | ............... | 159 -80 | 878 13 | -401 -80 | 868 13 |
| Investment income .......................................................... | -183 | $\cdots$ | ............ | ............ | -1,646 | -536 | 1,325 | -324 | -504 |  |
| Direct ....................................................................... | -96 | ............ | ............ | ............ | -103 |  | 137 | -252 | -62 | -252 |
| Other ......................................................................... | -87 | ............ | ............ | .......... | -1,543 | -536 | 1,188 | -72 | -442 | -608 |
| Unilateral transfers ........................................................... | -1,139 |  | ............ | ............ | $\cdots . . . . . . . . .$. | 319 | -48 | $\ldots$ | -1,187 | 319 |
| Total adjustments ...................................................... | -952 | 4,376 | .... | ..... | -1,646 | -217 | 2,365 | 1,730 | -233 | 5,888 |

Table 3.1.-U.S.-Canadian Currrent-Account Reconciliation, Northbound
[Millions of U.S. dollars]

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

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

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

|  | Published estimates |  |  | Reconciled estimates |  |  | Adjustments to published estimates |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Canadian receipts | U.S. payments | Difference | Canadian receipts | U.S. payments | Remaining difference | Canada | United States |
| 1995 |  |  |  |  |  |  |  |  |
| Goods and services ......................................................... | 163,640 | 159,846 | 3,145 | 165,439 | 165,439 | -29 | 1,800 | 5,594 |
| Goods | 149,973 | 147,110 | 2,863 | 152,338 | 152,338 | ............... | 2,365 | 5,228 |
| Services | 13,667 | 12,736 | 931 | 13,101 | 13,101 | $\cdots \cdots \cdots . . . . . . . . .$. | -566 | 366 |
| Direct deiense expenditures ...................................... | (1) | 54 | -54 | 34 | 34 | ............ | 34 | -20 |
| Travel .................................................................. | 4,395 | 4,319 | 76 | 4,395 | 4,395 | ............... | ................ | 77 |
| Passenger fares ...................................................... | 303 | 306 | -3 | 303 | 303 | ............... | .......... | -3 |
| Other transportation ......... | 2,435 | 3,357 | -922 | 2,975 | 2,975 | ..... | 540 | -382 |
| Royalties and license fees ...................................................... | 177 | 139 | 38 | ${ }^{(2)}$ | ${ }^{(2)}$ | ... | -177 | -139 |
| Other Services ........................................................................ | 6,357 | 4,561 | 1,796 | 5,394 | 5,394 |  | -963 | 833 |
| Investment income ...................................................................... | 9,862 | 10,511 | -649 | 9,368 | 9,397 | -29 | -494 | -1,114 |
| Direct investment ....................................................... | 2,946 | 3,911 | -965 | 3,454 | 3,454 | .... | 508 | -457 |
| Other private assetsfliabilities ......................................... | 5,850 | 4,202 | 1,648 | 3,849 | 3,878 | -29 | -2,001 | -324 |
| U.S. Government liabilities .......................................................... | 1,066 | 2,398 | -1,332 | 2,065 | 2,065 | ............... | 999 | -333 |
| Unilateral transfers, net .................................................. |  | 372 |  |  |  | ......... |  | -372 |
| Unilateral transfers, gross .............................................................. | 1,528 | ....... | 1,528 | 685 | 685 | ....... | -843 | 685 |
| Current account, southbound ............................... | 175,029 | 170,729 | 4,301 | 175,494 | 175,522 | -29 | 465 | 4,793 |
| 1996 |  |  |  |  |  |  |  |  |
| Goods and services ........................................................ | 177,581 | 172,608 | 4,783 | 179,037 | 179,037 | $\ldots$ | 1,457 | 6,431 |
| Goods.. | 162,698 | 158,639 | 4,059 | 164,380 | 164,380 | ................ | 1,682 | 5,741 |
| Services .................................................................. | 14,883 | 13,969 | 914 | 14,657 | 14,657 | ................ | -226 | 688 |
| Direct defense expenditures ........................................ |  | 47 | -47 | 26 | 26 | ................ | 26 | -21 |
| Travel ..................................................................... | 4,771 | 4,606 | 165 | 4,771 | 4,771 | ............... | ............... | 165 |
| Passenger fares ............. | 392 | 391 | 1 | 392 | 392 | ............... | .............. | 1 |
| Other transportation ................................................. | 2,715 | 3,608 | -893 | 3,271 | 3,271 | ................ | 557 | -337 |
| Royalties and license fees ......................................... | 189 | 192 | -3 | ${ }^{2}$ | ${ }^{(2)}$ | ............... | -189 | -192 |
| Other services ....................................................... | 6,816 | 5,125 | 1,691 | 6,197 | 6,197 | ....... | -619 | 1,072 |
| Investment income .......................................................... | 9,678 | 10,007 | -329 | 9,175 | 9,147 | 28 | -504 | -860 |
| Direct investment | 3,095 | 3,285 | -190 | 3,033 | 3,033 | ....... | -62 | -252 |
| Other privale assets/liabilities ......................................... | 5,507 | 4,429 | 1,078 | 4,153 | 4,125 | 28 | -1,354 | -304 |
| U.S. Government liabilities .............................................. | 1,076 | 2,293 | -1,217 | 1,989 | 1,989 |  | 913 | -304 |
| Unilateral transfers, net $\qquad$ <br> Unilateral transiers, gross $\qquad$ | 1,844 | 338 | 1,844 | 657 | 657 | $\cdots$ | -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-pubiished 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 $\qquad$ | 209 | 1,551 | Statistical Reclassification |
| Repair of equipment .......................................... | 209 | -140 | Recinisitional and statistical |
| Statistical adjustments ...................................................... | -8 | -185 | Statistical |
| Reconciled .................................................................... | 127,793 | 127,793 |  |
| 1996 |  |  |  |
| Balance of payments basis, published ................... | 134,609 | 133,392 |  |
| Reconciliation adjustments: |  |  |  |
| Inland freight $\qquad$ Repair of equipment | 186 | 1,338 | Statistical Reclassification |
| Other balance of payments adjustments ...................... | 5 | -220 | Definitional and statistical |
| Statistical adjustments ....................................... |  | 290 | Statistical |
| Reconciled ........................................................... | 134,800 | 134,800 |  |

Table 4.2--Trade in Goods, Southbound
[Mililions of U.S. dollars]


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

|  | Published estimates |  |  | Reconciled estimates |  |  | Adjustments to published estimates |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\underset{\text { receipts }}{\text { U.S. }}$ | Canadian payments | Difference | U.S. receipts | Canadian payments | Remaining difference | United States | Canada | Type of adjustment |
| 1995 |  |  |  |  |  |  |  |  |  |
| Travel ..................................................... | 6,207 | 6,597 | -390 | 6,675 | 6,675 | ............... | 468 | 78 |  |
| Business and personal ....................... | 6,207 | 6,148 | 59 | 6,148 | 6,148 | .... | -59 |  | Statistical |
| Education $\qquad$ <br> Medical | ......... | 388 61 | -388 -61 | 403 124 | 403 124 | .... | 403 | 15 | Reclassification and statistical |
|  |  |  |  |  |  |  |  |  |  |
| Passenger fares ................................. | 1,284 | 1,099 | 185 | 1,099 | 1,099 | ............... | -185 | ............ | Statistical |
| Other transportation ........................... | 2,688 | 2,289 | 399 | 2,681 | 2,655 | 26 | -7 | 366 |  |
| Freight .......................................... | 2,054 | 1,936 | 118 | 2,123 | 2,096 | 27 | 69 | 160 |  |
| Ocean ........................................ | 60 55 | 220 | -160 | ${ }^{128} 5$ | 128 | 27 | 68 | -92 | Statistical |
| Air Land ......................................................................................... | 55 1,579 | 28 1,266 | 27 313 | 55 | +28 | 27 |  |  |  |
| Other ........................................................................... | 1,569 | 1,202 | -62 | -1,592 | 1,548 | ............. | -31 | -38 | Reclassification and statistical Statistical |
| Port services ...................................... | 470 | 336 | 134 | 345 | 345 | $\ldots$ | -125 | 9 |  |
| Vessel operators .......................... | 30 | 41 | -11 | 41 | 41 | .... | 11 |  | Statistical |
| Airline operators ........................... | 291 | 292 | -1 | 291 | 291 | .... |  | -1 | Statistical |
| Other ................................................... | 149 | 3 | .146 | 13 | 13 | .... | -136 | 10 | Statistical |
| Other ............................................ | 164 | 17 | 147 | 213 | 214 | -1 | 49 | 197 | Reclassification and statistical |
| 1996 |  |  |  |  |  |  |  |  |  |
| Travel ............................................. | 6,763 | 7,239 | -476 | 7,331 | 7,331 | ....... | 568 | 92 |  |
| Business and personal ........................ | 6,763 | 6,776 | $-13$ | 6,776 | 6,776 | .... | 13 | 2 | Statistical |
| Education .......................................----- | ............. | 402 | -402 | 426 129 | 426 | ............... | \% 426 | 24 | Reciassiication and statistical |
| Medical .......................................... |  | 61 | -61 | 129 | 129 | ............... | 129 | 68 | Reclassification and statistical |
| Passenger fares ................................. | 1,331 | 1,118 | 213 | 1,118 | 1,118 |  | -213 | ............. | Statistical |
| Other transportation ........................... | 2,889 | 2,445 | 444 | 2,894 | 2,870 | 24 | 5 | 425 |  |
| Freight ........................................... | 2,137 | 2,075 | 62 | 2,239 | 2,214 | 25 | 102 | 139 |  |
| Ocean ........................................ | 32 57 | 224 32 | $\begin{array}{r}-192 \\ \hline 25\end{array}$ | 114 57 | 114 32 | ................ | 82 | -110 | Statistical |
|  | 1,695 | 1,395 | 300 | 1,678 | 1,678 | 25 | $-17$ | 283 | Reclassification and statistical |
| Other ........................................................................ | 353 | 424 | -71 | 390 | $\bigcirc 390$ | .............. | 37 | -34 | Statistical |
| Port services ................................. | 583 | 351 | 232 | 430 | 430 | $\ldots . . . . . . . . . . .$. | -153 | 79 |  |
| Vessel operators .......................... | 61 | 42 | 19 | 42 | 42 | ............... | -19 | 57 | Statistical |
| Airline operators | 363 159 | 306 3 | 57 156 | 363 25 | r 363 | ................ | -134 | 57 22 | Statistical Statistica |
| Other ...................................................... | 169 | 19 | 150 | 225 | 226 | -1 | 56 | 207 | Reclassification and statistical |

Table 5.2.-Travel, Passenger Fares, and Other Transportation, Southbound
[Milions of U.S. dollars]

|  | Published estimates |  |  | Reconciled estimates |  |  | Adjustments to published estimates |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Canadian receipts | $\begin{array}{\|c\|} \hline \text { U.S. } \\ \text { payments } \end{array}$ | Difference | Canadian receipts | U.S. payments | Remaining difference | Canada | United States | Type of adjustment |
| 1995 |  |  |  |  |  |  |  |  |  |
| Travet ........................................... | 4,396 | 4,319 | 77 | 4,396 | 4,396 |  |  | 77 |  |
| Business and personal....................................................... | 4,283 | 4,319 | $-36$ | 4,283 | 4,283 | ................ | ......... | -36 | Statistical |
| Education ..................................... | 71 | .............. | 71 | 71 | 71 | ...... |  | 71 | Reclassification and statistical |
| Medical .................................................. | 42 | .............. | 42 | 42 | 42 | .............. | ............ | 42 | Reclassification and statistical |
| Passenger fares ............................... | 303 | 306 | -3 | 303 | 303 |  | ............. | -3 | Statistical |
| Other transportation ......................... | 2,435 | 3,357 | -922 | 2,975 | 2,975 |  | 540 | -382 |  |
| Freight ......................................... | 2,052 | 2,654 | -602 | 2,446 | 2,446 | ............ | 394 | -208 |  |
| Ocean ..................................... | 213 |  | 126 | 87 |  | ..... | -126 | ............ | Statistical |
| Air ........................................ | 56 | 54 | 2 | 54 | 54 | …........... | -2 |  | Reclassiication and statistical |
| Land $\qquad$ <br> Other | 1,695 88 | 2,409 104 | -714 -16 | 2,217 88 | 2,217 88 | .............. | 522 | -192 -16 | Reclassification and statistical Statistical |
| Port services ................................... | 275 | 545 | -270 | 386 | 386 | ............... | 111 | -159 |  |
| Vessel operators ........................ | 6 | 197 | -191 | 98 | 98 | ... | 92 | -99 | Statistical |
| Airtine operators ........................... | 228 | 271 | -43 | 228 | 228 | ............... |  | -43 | Statistical |
| Other ......................................... | 41 | 77 | -36 | 60 | 60 | ............... | 19 | -17 | Statistical |
| Other .......................................... | 108 | 158 | -50 | 143 | 143 | .............. | 35 | -15 | Definitional, reclassification, and statistical |
| 1996 |  |  |  |  |  |  |  |  |  |
| Travel | 4,771 | 4,606 | 165 47 | 4,771 | 4,771 | ............... | $\cdots$ |  |  |
|  | 4,653 | 4,606 | 47 75 | 4,653 | 4,653 | .-......... | ... | 47 75 | Statistical <br> Reclassification and statistical |
| Medical ........................................................................ | 43 | ............. | 43 | 43 | 43 | ............... |  | 43 | Reclassification and statistical |
| Passenger fares .............................. | 392 | 391 | 1 | 392 | 392 |  |  | 1 | Reclassification and statistical |
| Other transportation ......................... | 2,716 | 3,608 | -892 | 3,273 | 3,273 |  | 557 | -335 |  |
| Freight ........................................ | 2,290 | 2,921 | -631 | 2,729 | 2,729 | ... | 439 | -192 |  |
| Ocean ...................................... | 222 | 112 | 110 | 112 | 112 | .-. | -110 | ........ | Statistical |
| Air $\qquad$ | 62 1,907 | 2,657 | -750 | 60 2458 | 60 2,458 | .... | 551 |  | Statistical |
| Other .................................................................. | ,99 | 2,62 | -7 | 2,458 | 2,99 | …........... | ............ |  | Reclassification and statistical Statistical |
| Port services ................................. | 327 | 541 | -214 | 403 | 403 |  | 76 | -138 |  |
| Vessel operalors ......................... | 87 | 131 | -123 | 65 | 65 | ...... | 57 | -66 | Statistical |
| Airline operators ............................ | 271 | 328 | -57 | 271 | 271 | ............... |  | -57 | Statistical |
| Other ......................................... | 48 | 82 | -34 | 67 | 67 | ............... | 19 | -15 | Statistical |
| Other ........................................... | 99 | 146 | -47 | 141 | 141 | .... | 42 | -5 | Definitional, reclassification, and statistical |

Table 6.1.-Other Services, Northbound
[Milifons of U.S. dollars]

|  | Published estimates |  |  | Reconciled estimates |  |  | Adjustments to published estimates |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | receip. | Canadian payments | Difference | U.S. receipts | Canadian payments | Remaining difference | United States | Canada | Type of adjustment |
| 1995 |  |  |  |  |  |  |  |  |  |
| Total ................................................ | 8,122 | 9,478 | -1,356 | 7,960 | 7,920 | 40 | -161 | -1,558 |  |
| Private: |  |  |  |  |  |  |  |  |  |
| Affiliated .............................................................. | 4,489 | 5,560 | -1,071 | 4,337 | 4,337 | ..... | -152 | -1,223 | Definitional and statistical |
| Royalties and license fees ......................... | 1,061 | 1,314 | -253 | (1) | (1) |  | (1) | (i) |  |
| Other services ....................................... | 3,428 | 4,246 | -818 | (1) | (1) |  | (1) | (1) |  |
| Unafiliated ............................................... | 3,459 | 3,722 | -263 | 3,412 | 3,372 | 40 | -47 | -350 |  |
| Royalties, license fees, and selected services $\qquad$ | 491 | 473 | 18 | 464 | 464 | ............... | -27 | -9 | Statistical |
| Insurance .............................................................................. | 388 | 262 | 126 | 390 | 390 | ....................... | 2 | 128 | Statistical |
| Financial services ................................... | 580 | 468 | 112 | 580 | 580 | - |  | 112 | Statistical |
| Education ............................................. | 424 | 4 | 420 | 21 | 21 | ............... | $-403$ | 17 | Reclassification and statistical |
| Communications ..................................... | 275 | 655 | -380 | 404 | 404 | ............... | 129 | -251 | Statistical |
| Business services .................................. | 970 | 935 | 35 | 870 | 830 | 40 | -100 | -105 | Reclassification and statistical |
| Sports and entertainment ........................... | 169 | 543 | -374 | 521 | 521 | - | 352 | -22 | Reclassitication and statistical |
| Commuters' wages ................................. | 58 | +104 | .............. | 588 |  | ............... | ............ |  | Statistical |
|  | 104 | 220 | -220 | 104. | ............. | .... | ............... | -220 | Slaistical |
| Commissions ............................................................ | $\ldots$ | 23 | -23 | ................. | ................... | ............... | -.............. | -23 | Definitional |
| Railway port services ........................... | ........ | 164 | -164 | ......... | ............. | ............... | ............ | -164 | Reclassification |
| Aircraft leasing ................................... | - | 33 | -33 | - | - | ............... | ............. | -33 | Reclassification |
| Government: |  |  |  |  |  |  |  |  |  |
| United States ............................................. | 53 | 37 | 16 | 53 | 53 | ... |  | 16 | Statistical |
| Canada ....................................................... | 121 | 159 | -38 | 159 | 159 | .............. | 38 | ............ | Statistical |
| 1996 |  |  |  |  |  |  |  |  |  |
| Total ................................................ | 9,033 | 10,061 | -1,029 | 8,884 | 8,813 | 71 | -147 | -1,248 |  |
| Private: |  |  |  |  |  |  |  |  |  |
| Affiliated ................................................... | 5,154 | 5,911 | -757 | 5,003 | 5,003 | ................ | -151 | -908 | Definitional and statistical |
| Royalties and license fees $\qquad$ Other services $\qquad$ | $\begin{aligned} & 1,242 \\ & 3,912 \end{aligned}$ | $\begin{aligned} & 1,396 \\ & 4,515 \end{aligned}$ | $\begin{aligned} & -154 \\ & -603 \end{aligned}$ | (1) | (1) |  | $\left(\begin{array}{l}1 \\ (1)\end{array}\right.$ | (1) ${ }^{(1)}$ |  |
| Unaffiliated ................................................ | 3,700 | 3,959 | -259 | 3,665 | 3,594 | 71 | -35 | -365 |  |
| Royalties, license fees, and selected services $\qquad$ | 562 | 503 | 59 | 513 | 513 | ............ | -49 | 10 | Statistical |
| Insurance ............................................. | 347 | 276 | 71 | 386 | 386 | ............... | 39 | 110 | Statistical |
| Financial services .................................... | 629 | 499 | 130 | 629 | 629 | $\cdots$ |  | 130 | Statistical |
| Education ............................................... | 441 | 4 | 437 | 15 | 15 | .............. | $-426$ | 11 | Reclassification and statistical |
| Communications .................................................................. | 297 | ${ }^{696}$ | -399 | 429 | 429 | …...........i | 132 | -267 | Statistical |
| Business services ................................... | 1,068 | 1,001 | 67 | 963 | 892 | 71 | -105 | -109 | Reclassification and statistical |
| Sports and entertainment ............................ | 185 | 577 | -392 | 559 | 559 | ............... | 374 | -18 | Reclassification and statistical |
| Commuters' wages ................................. | 62 |  | .............. | -62 | ${ }^{62}$ | ............... | ....... | ............. | Statistical |
| Trade union transactions .................................................................................. | 109 | 109 | -232 | 109 | 109 | ${ }^{\text {and........... }}$ | ............ | -232 | Statistical |
| Commissions ............................................................................... | $\ldots$ | 24 | -24 | …............ | $\cdots$ | ............... | ${ }^{-\ldots . . . . . . . . . . . . . ~}$ | -24 | Definitional |
| Railway port services ............................ |  | 174 | -174 |  |  |  | .............. | -174 | Reclassification |
| Aircraft leasing ........................................... | ............. | 34 | -34 | ............ |  | .............. |  | -34 | Reclassification |
| Government: |  |  |  |  |  |  |  |  |  |
| United States ............................................... | 63 | 39 | 24 | 63 | 63 | ............... | ............. | 24 | Statistical |
| Canada ....................................................... | 116 | 153 | -37 | 153 | 153 | ............... |  | ..... | Statistical |

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

Table 6.2.—Other Services, Southbound
[Millions of U.S. dollars]

|  | Published estimates |  |  | Reconciled estimates |  |  | Adjustments to pubished estimates |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Canadian receipts | U.S. payments | Difference | Canadian receipts | U.S. payments | Remaining difference | Canada | United States | Type of adjustment |
| 1995 |  |  |  |  |  |  |  |  |  |
| Total ............................................... | 6,534 | 4,700 | 1,831 | 5,394 | 5,394 | ............... | -1,140 | 693 |  |
| Private: |  |  |  |  |  |  |  |  |  |
| Affiliated .................................................. | 2,858 | 2,024 | 834 | 2,024 | 2,024 | ............... | -834 | ............. | Definitional and statistical |
| Royalties and license fees $\qquad$ Other services $\qquad$ | 2,711 | $\begin{array}{r} 105 \\ 1,919 \end{array}$ | 42 792 |  |  | $\ldots$ | (1) | (1) |  |
| Unaffiliated .............................................. | 3,490 | 2,536 | 954 | 3,217 | 3,217 | $\ldots$ | -273 | 681 |  |
| Royalties, license fees, and selected. services $\qquad$ | 525 | 254 | 271 | 524 | 524 |  | -1 | 270 | Statistical |
| Insurance ............................................................................... | 374 | 605 | -231 | 472 | 472 | ........... | 98 | -133 | Statistical |
| Financial services ................................. | 300 | 190 | 110 | 190 | 190 | ............... | -110 |  | Statistical |
| Education ........................................... |  | 9 | -9 | 67 |  | ............... |  | -9 | Statistical |
| Communications ................................... | 729 | 677 | 52 | 677 | 677 | ... | -52 |  | Statistical |
| Business senvices .............................. | 714 | 435 | 279 | 713 | 713 | ......... | -1 -1 | 278 | Reclassiifation and statistical |
| Sports and entertainment ......................... | 372 | 87 | 285 | 371 | 371 | .-........ | -1 | 284 | Statistical |
| Commuters' wages ................................. | 152 | 152 | . | 152 | 152 | ... |  | ............ |  |
| Trade union transactions ......................... | 118 | 127 | -9 | 118 | 118 | ................ |  | -9 |  |
| Oiner .............................. | 20 | .......... | 206 | ............. | ............. | ... | -206 | ............ |  |
| Coilway port senvices | 91 | ............. | 91 | ............ | ............. | ........ | -91 | ............. | Reclassification |
| Railway port services $\qquad$ Aircraft leasing $\qquad$ | 91 | ................. | 91 36 | .................. | ................. | ........................ | -91 | ........... | Reclassification Reclassification |
| U.S. defense expenditures ................... | 34 | ............. | 34 | ............. | ............. | ............... | -34 | ............ | Reclassification |
| Government: |  |  |  |  |  |  |  |  |  |
| Canada ................................................ | 12 |  | 12 | 12 | 12 |  |  | 12 | Statistical |
| United States .......................................... | 171 | 140 | 31 | 140 | 140 |  | -31 |  | Statistical |
| 1996 |  |  |  |  |  |  |  |  |  |
| Totai ............................................. | 7,005 | 5,317 | 1,688 | 6,197 | 6,197 |  | -807 | 881 |  |
| Private: |  |  |  |  |  |  |  |  |  |
| Affliated ................................................ | 3,052 | 2,726 | 326 | 2,726 | 2,726 | ............... | -326 | ............ | Definitional and statistical |
| Royalties and license fees $\qquad$ Other services $\qquad$ | $\begin{array}{r} 157 \\ 2,895 \end{array}$ | $\begin{array}{r} 122 \\ 2,604 \end{array}$ | 35 291 | (1) | (1) | ........ |  | (1) ${ }^{1}$ (1) |  |
| Unafiliated ............................................... | 3,759 | 2,490 | 1,269 | 3,358 | 3,358 | ............... | -401 | 868 |  |
| Royalties, license fees, and selected services $\qquad$ | 560 | 325 | 235 | 559 | 559 |  | -1 | 234 | Statistical |
| Insurance .......................................... | 447 | 473 | -26 | 478 | 478 | ....... | 31 | 5 | Statistical |
| Financial services .................................. | 320 | 195 | 125 | 195 | 195 |  | -125 |  | Statistical |
| Education .-........................................... |  | 10 | -10 | 6 |  | ............... |  | -10 | Statistical |
| Communications .................................... | 778 | 689 | 89 | 689 | 689 | ............... | -89 |  | Statistical |
| Business services ............................................ | 765 | 442 | 323 | 755 | 755 | ............... | -10 | 313 | Reclassiication and statistical |
| Sports and entertainment .......................... | 397 | 61 | 336 | 395 | 395 |  | -2 | 334 | Statistical |
| Commuters' wages ............................... | 162 | 161 | $\dagger$ | 162 | 162 | . |  |  |  |
| Trade union transactions ......................... | 125 | 134 | -9 | 125 | 125 | ... |  | -9 |  |
| Other $\qquad$ Commissions |  | $\cdots$ |  | ….......... | $\ldots$ | ............... | -205 -48 | .... |  |
| Commissions $\qquad$ <br> Railway port services | $\begin{aligned} & 48 \\ & 97 \end{aligned}$ | ............... | +97 | …............... | ............. | ${ }_{\text {- }}$ | -48 | ............ | Definitional <br> Reclassification |
| Railway port services $\qquad$ <br> Aircraft leasing $\qquad$ | 28 | ${ }^{. . . . . . . . . . . . . . . . . . . ~}$ | 28 | ….............. | ${ }^{. . . . . . . . . . . . . . . . . . ~}$ | .................... | -98 | ................ | Reclassification |
| U.S. defense expenditures ................... | 32 | ............. | 32 | ............. |  | .............. | -32 |  | Reclassification |
| Govermment: |  |  |  |  |  |  |  |  |  |
| Canada $\qquad$ <br> United States $\qquad$ | $\begin{array}{r} 13 \\ 181 \end{array}$ | 101 | $\begin{aligned} & 13 \\ & 80 \end{aligned}$ | $\begin{array}{r} 13 \\ 101 \end{array}$ | $\begin{array}{r} 13 \\ 101 \end{array}$ | ................... | -80 | 13 | Statistical Statistical |

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

Table 7.1.-Direct Investment Income, Northbound
[Milions of U.S. dollars]

|  | Published estimates |  |  | Reconciled estimates |  |  | Adjustments to published estimates |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | U.S. receipts | Canadian payments | Difference | U.S. receipts | Canadian payments | Remaining difference | United States | Canada | Type of adjustment |
| 1995 |  |  |  |  |  |  |  |  |  |
| Direct investment income | 8,812 | 7,693 | 1,120 | 8,117 | 8,117 |  | -695 | 425 |  |
| Earnings of incorporated afiliates ...................... | 7,938 | 6,611 | 1,327 | 7,242 | 7,242 | ................ | -696 | 631 |  |
| Dividends ................................... | 1,452 | 1,889 | -437 | 1,652 | 1,652 | ............... | 200 | -237 | Definitional, reclassification, and statistical |
| Reinvested earnings ..................... | 6,486 | 4,722 | 1,764 | 5,590 | 5,590 | ................ | -896 | 868 | Statistical |
| Earnings of unincorporated affiliates ..... | 425 | 317 764 | 108 | 425 | 425 | ........... | 1 | - 108 | Definitional, reclassification, and statistical |
| Net interest ..................................... | 449 | 764 | -315 | 450 | 450 | ............... | 1 | -314 | Reclassification, net to gross, and statistical |
| 1996 |  |  |  |  |  |  |  |  |  |
| Direct investment income ................... | 8,642 | 6,690 | 1,952 | 7,870 | 7,870 | ............... | -772 | 1,180 |  |
| Earnings of incorporated affiliates ........ | 7.800 | 5,700 | 2,100 | 6,825 | 6,825 | ................ | $-975$ | 1,125 |  |
| Dividends .................................... | 1,957 | 2,805 | -848 | 2,478 | 2,478 | ................ | 521 | -327 | Definitional, reclassification, and statistical |
| Reinvested earnings ..................... | 5,843 | 2,895 | 2,948 | 4,347 | 4,347 | ............... | -1,496 | 1,452 | Statistical |
| Earnings of unincorporated affiliates ..... Net interest | 491 351 | 245 745 | 246 -394 | 490 555 | 490 555 | ............... | -1 204 | 245 -190 | Definitional, reclassification, and statistical Reclassification, net to gross, and |
|  |  |  |  |  |  | ........... |  | -190 | Reclassification, net to gross, and statistical |

Table 7.2.-Direct Investment Income, Southbound [Miliions of U.S. dollars]

|  | Published estimates |  |  | Reconciled estimates |  |  | Adjustments to published estimates |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Canadian receipts | U.S. payments | Difference | Canadian receipts | U.S. payments | Remaining difference | Canada | United States | Type of adjustment |
| 1995 |  |  |  |  |  |  |  |  |  |
| Direct investment income | 2,946 | 3,911 | -966 | 3,454 | 3,454 | ............... | 509 | -457 |  |
| Earnings of incorporated affiliates ......... | 2,052 | 3,107 | -1,055 | 2,641 | 2,641 | .... | 589 | -466 |  |
| Dividends ................................... | 507 | 427 | 80 | 427 | 427 | - | -80 |  | Statistical |
| Reinvested earnings ....................... | 1,545 | 2,680 | -1,135 | 2,214 | 2,214 | ............... | 669 | -466 | Statistical |
| Earnings of unincorporated affiliates ..... | ${ }_{261}^{632}$ |  | 169 -80 | 472 341 | 472 341 | $\cdots$ | -160 80 | 9 | Definitional and statistical Gross to net and statistical |
| Net interest ..................................... | 261 | 341 | -80 | 341 | 341 | ................ | 80 | ............. | Gross to net and statistical |
| 1996 |  |  |  |  |  |  |  |  |  |
| Direct investment income .................... | 3,095 | 3,285 | -190 | 3,033 | 3,033 | ............... | -62 | -252 |  |
| Earnings of incorporated affiliates .......... | 1,874 | 2,597 | -723 | 2,281 | 2,281 | .......... | 407 | -316 |  |
| Dividends .................................... | 422 | 285 | 137 | 285 | 285 | .-.............. | -137 |  | Statistical |
| Reinvested earnings ..................... | 1,452 | 2,312 | $-880$ | 1,996 | 1,996 | .-............. | 544 | -316 | Statistical |
| Earnings of unincorporated affiliates ...... | 974 | 578 110 | 396 137 | 642 | 642 110 | ..... | -332 | 64 | Definitional and statistical |
| Net interest ...................................... | 247 | 110 | 137 | 110 | 110 | .... | -137 | ............ | Gross to net and statistical |

Table 8.1.-Other Investment Income, Northbound
[Millions of U.S. dollars]

|  | Published estimates |  |  | Reconciled estimates |  |  | Adjustments to published estimates |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{\|c} \text { U.S. } \\ \text { receipts } \end{array}$ | Canadian payments | Difference | $\begin{aligned} & \text { U.S. } \\ & \text { receipts } \end{aligned}$ | Canadian payments | Remaining difference | United States | Canada | Type of adjustment |
| 1995 |  |  |  |  |  |  |  |  |  |
| Other investment income ............... | 9,087 | 14,473 | -5,388 | 11,862 | 11,862 | $\ldots$ | 2,775 | -2,613 |  |
| Securities ................................ | 5,853 | 9,073 | -3,220 | 8,614 | 8,614 | ............... | 2,761 | -459 |  |
| Dividends $\qquad$ Interest on bonds $\qquad$ | 9,936 4,917 | 762 8,311 | 174 $-3,394$ | 9836 7,678 | 9,936 7,678 | ...................... | 2,761 | 174 -633 | Definitional, reciassification, and statistical Definitional and statistical |
|  |  |  |  |  |  |  |  |  |  |
| U.S. claims/Canadian liabilities ...... | 3,234 | 5,402 | -2,168 | 3,248 | 3,248 | ................ | ${ }^{14}$ | -2,154 |  |
|  | 2,465 | 2,981 | -516 -1.652 | 1,156 | 1,156 2,092 | .......... | -1,309 | -1,825 |  |
| Other private U.S. claims |  | 2,421 | -1,652 | 2,092 |  | $\cdots$ | 1,323 | -329 | Net to gross and statistical |
| 1996 |  |  |  |  |  |  |  |  |  |
| Other investment income ............... | 8,855 | 14,861 | -6,006 | 11,949 | 11,949 | ................ | 3,094 | -2,912 |  |
| Securities ................................. | 5,940 | 9,871 | -3,931 | 9,268 | 9,268 | ......... | 3,328 | -603 |  |
| Dividends $\qquad$ Interest on bonds $\qquad$ | 1,048 4,892 | 9,805 | 243 $-4,174$ | 1,048 8,220 | 1,048 8,220 | …............. | 3,328 | 243 -846 | Definitional, reclassification, and statistical Definitional and statistical |
|  |  |  |  |  |  |  |  |  |  |
| U.S. claims/Canadian liabilities ...... <br> U.S. bank claims $\qquad$ | 2,915 $\mathbf{2 , 2 7 0}$ | 4,990 | $-2,075$ -372 | $\begin{array}{r}2,681 \\ \hline 177\end{array}$ | 2,681 | ..... | -235 $-1,293$ | $-2,310$ $-1,665$ | Net to gross, gross to net, and statistical |
| Other private U.S. claims .......... | 645 | 2,348 | -1,703 | 1,704 | 1,704 |  | 1,058 | -645 | Net to gross and statistical |

Table 8.2.-Other Investment Income, Southbound
[Mililions of U.S. dollars]

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

# Personal Income by State and Region, Second Quarter 1997 

By Duke Tran

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

Personal income in the Nation increased 1.2 percent in the second quarter of 1997 after increasing 1.9 percent in the first quarter; it had increased 1.2 percent in both the third and fourth quarters of $1996 .{ }^{1}$

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

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

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 o.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 Econemic Analysis

Table 1 at the end of this article presents the quarterly estimates of personal income for each State and region, beginning with the first quarter of 1994. Table 2 presents the quarterly estimates of personal income by major source and of earnings by Standard Industrial Classification division, beginning with the first quarter of 1996.
The quarterly estimates of State personal income have been revised back to 1969 to incorporate the results of the comprehensive revision of the annual State estimates that was presented in the October 1997 Survey of Current Business. ${ }^{2}$ The comprehensive revision of the State-level estimates for $1958-96$ is now complete; the revised annual estimates of State personal income for 1929-57 will be released early in 1998.

## Fastest growing States

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

[^56]Table A.-Personal Income for Selected States and the United States, 1997:1-1997:II
[Percent change]

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

1. Net earnings by place of residence is earnings by place of work less personal contributions for social insurance plus an adjustment for residence. Earnings by place of work is the sum of wage and salary disbursements (payrollis), 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](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:Il
[Percent change]

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

## Slowest growing States

Hawaii, Oklahoma, Wyoming, and Nebraska had the slowest growth in personal income in the second quarter. In all four States, earnings declined in construction and either declined or grew slowly in retail trade. In all the States except Nebraska, earnings declined in durable goods manufacturing.
In Hawaii, earnings declined in nondurable goods manufacturing and grew slowly in government.
In Oklahoma, the decline in earnings in durable goods manufacturing reflected the effects of a strike in the motor vehicle industry in the second quarter. Earnings also declined in transportation and public utilities, reflecting a
stepdown in bonus payments from a high level in the first quarter.

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

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

Tables 1 and 2 follow.

Table 1.-Personal Income by State and Region
[Millions of dollars, seasonally adjusted at annual rates]

| Area name | 1994 |  |  |  | 1995 |  |  |  | 1996 |  |  |  | 1997 |  | Percent change ${ }^{2}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Ir |  | $111{ }^{r}$ | IV | ${ }^{\prime}$ | $11 r$ | IIV | IV | ${ }^{\text {r }}$ | IIr | III ${ }^{\text {r }}$ | IV | ${ }^{\prime}$ | $11 p$ | $\begin{aligned} & \text { 1996:IV- } \\ & \text { 1997:I } \end{aligned}$ | $\begin{aligned} & \text { 1997:\|- } \\ & \text { 1997:Il } \end{aligned}$ |
| United States ${ }^{1}$..................................... | 5,598,954 | 5,748,844 | 5,821,047 | 5,930,379 | 8,040,235 | 6,102,138 | 8,166,454 | 6,242,674 | 6,344,946 | 6,448,004 | 6,526,017 | 6,602,689 | 6,730,234 | 6,813,131 | 1.9 | 1.2 |
| Now England | 335,475 | 343,878 | 347,323 | 355,046 | 361,426 | 366,632 | 370,349 | 375,186 | 379,607 | 385,048 | 388,521 | 394,993 | 403,147 | 408,517 | 2.1 | 1.3 |
| Connecticut | 97,530 | 98,905 | 100,245 | 102,134 | 104,157 | 105,263 | 106,209 | 107,485 | 109,083 | 110,491 | 111,178 | 112,912 | 116,025 | 117,084 | 2.8 | 9 |
| Maine | 23,369 | 23,792 | 23,966 | 24,332 | 24,630 | 24,975 | 24,979 | 25,282 | 25,590 | 25,984 | 26,251 | 26,669 | 27,066 | 27,373 | 1.5 | 1.1 |
| Massachusetts | 154,679 | 159,849 | 161,169 | 165,293 | 168,247 | 170,826 | 173,256 | 175,702 | 177,592 | 180,415 | 182,334 | 185,678 | 189,315 | 192,335 | 2.0 | 1.6 |
| New Hampshire | 26,545 | 27,408 | 27,764 | 28,412 | 28,839 | 29,559 | 29,592 | 30,050 | 30,336 | 30,727 | 31,109 | 31,584 | 31,986 | 32,509 | 1.3 | 1.6 |
| Rhode Island ........................................... | 21,907 | 22,237 | 22,341 | 22,699 | 23,121 | 23,507 | 23,684 | 23,853 | 23,971 | 24,270 | 24,341 | 24,743 | 25,111 | 25,371 | 1.5 | 1.0 |
| Vermont ................................................. | 11,444 | 11,687 | 11,838 | 12,177 | 12,433 | 12,502 | 12,630 | 12,815 | 13,034 | 13,160 | 13,307 | 13,407 | 13,644 | 13,845 | 1.8 | 1.5 |
| Mideast ....................................................... | 1,097,321 | 1,136,708 | 1,147,591 | 1,170,927 | 1,186,54t | 1,194,849 | 1,203,961 | 1,216,140 | 1,237,524 | 1,251,871 | 1,264,426 | 1,280,913 | 1,304,164 | 1,317,041 | 1.8 | 1.0 |
| Delaware .................................................. | $\begin{array}{r}169,973 \\ 17543 \\ \hline\end{array}$ | 17,398 | 17,634 17 | 18,063 | 18,424 17 | 18,573 <br> 17 | 18,823 18 18011 | 19,208 18,097 | 19,552 | 19,842 <br> 18 <br> 1899 | 20,252 18,629 | 20,735 <br> 18,787 <br> 1 | 20,809 19,011 | 21,240 <br> 19,086 | . 4 | 2.1 .4 |
| District of Columbia ................................................................................... | 17,543 123,776 | $\begin{array}{r}17,855 \\ 126,304 \\ \hline\end{array}$ | 17,891 128,124 | 17,889 129,853 | 17,979 132,435 | $\begin{array}{r}17,999 \\ 133,396 \\ \hline\end{array}$ | 18,011 134,073 | 18,097 135,171 | 18,444 137,621 | $\begin{array}{r}18,299 \\ 139,245 \\ \hline\end{array}$ | 18,629 140,748 | 18,787 142,657 | 19,011 145,502 | 19,086 147,033 | 1.2 | . 4 |
| New Jersey | 217,719 | 225,102 | 227,909 | 232,014 | 235,873 | 238,211 | 239,921 | 242,202 | 245,984 | 249,308 | 251,460 | 254,430 | 259,310 | 261,436 | 1.9 | 8 |
| New York ... | 457,466 | 480,298 | 482,982 | 495,876 | 500,818 | 502,971 | 507,122 | 512,336 | 522,825 | 527,239 | 532,396 | 540,159 | 550,884 | 556,314 | 2.0 | 1.0 |
| Pennsylvania .......................................... | 263,844 | 269,750 | 273,050 | 277,233 | 281,013 | 283,700 | 286,012 | 289,126 | 293,099 | 297,938 | 300,941 | 304, 195 | 308,649 | 311,931 | 1.5 | 1.1 |
| Great Lakes | 938,607 | 956,555 | 971,897 | 989,413 | 1,011,205 | 1,016,414 | 1,025,335 | 1,037,991 | 1,050,678 | 1,067,473 | 1,080,212 | 1,088,807 | 1,107,534 | 1,120,394 | 1.7 | 1.2 |
| Illinois | 275,095 | 282,975 | 287.659 | 291,548 | 297,953 | 299,874 | 302,507 | 306,538 | 311,898 | 316,298 | 320,221 | 323,827 | 329,850 | 334,400 | 1.9 | 1.4 |
| Indiana | 116,775 | 118,451 | 120,811 | 122,623 | 125,000 | 125,260 | 125,840 | 127,120 | 128,813 | 131,434 | 133,113 | 134,643 | 136,275 | 137,988 | 1.2 | 1.3 |
| Michigan | 211,206 | 212,657 | 216,162 | 221,040 | 228,072 | 227,381 | 229,862 | 232,862 | 235,014 | 238,849 | 241,129 | 242,326 | 246,708 | 248,911 | 1.8 | . 9 |
| Ohio .. | 231,322. | 235,603 | 238,369 | 243,179. | 247,297 | 249,836 | 252,041 | 254,992 | 257,084 | 261,194 | 264,418 | 265,610 | 270,413 | 272,994 | 1.8 | 1.0 |
| Wisconsin | 104,209 | 106,869 | 108,896 | 111,023 | 112,884 | 114,063 | 115,086 | 116,480 | 117,869 | 119,697 | 121,331 | 122,402 | 124,288 | 126,100 | 1.5 | 1.5 |
| Plains | 372,663 | 380,632 | 385,503 | 391,990 | 396,928 | 401,414 | 405,940 | 411,894 | 422,854 | 430,289 | 436,027 | 440,502 | 446,979 | 452,802 | 1.5 | 1.3 |
| lowa. | 55,949 | 56,583 | 56,868 | 57,747 | 58,230 | 58,654 | 59,339 | 60,349 | 62,444 | 63,330 | 64,071 | 64,608 | 65,628 | 66,542 | 1.6 | 1.4 |
| Kansas | 51,723 | 52,825 | 53,404 | 54,400 | 55,452 | 55,957 | 56,483 | 56,978 | 58,546 | 59,253 | 59,992 | 60,546 | 61,481 | 62,199 | 1.5 | 1.2 |
| Minnesota | 100,999 | 104,141 | 106,131 | 107,638 | 108,996 | 110,264 | 111,360 | 113,501 | 116,196 | 118,885 | 120,959 | 122,079 | 122,606 | 124,582 | . 4 | 1.6 |
| Missouri | 106,101 | 108,917 | 110,681 | 112,753 | 114,669 | 116,225 | 117,492 | 118,622 | 121,011 | 122,784 | 124,035 | 125,633 | 128,420 | 129,909 | 2.2 | 1.2 |
| Nebraska ... | 32,857 | 33,054 | 33,232 | 33,731 | 34,259 | 34,631 | 35,324 | 36,008 | 36,963 | 37,686 | 38,117 | 38,681 | 39,561 | 39,840 | 2.3 | . 7 |
| North Dakota | 11,535 | 11,568 | 11,641 | 11,900 | 11,619 | 11,828 | 11,871 | 12,141 | 12,842 | 13,111 | 13,347 | 13,338 | 13,503 | 13,695 | 1.2 | 1.4 |
| South Dakota .......................................... | 13,499 | 13,543 | 13,545 | 13,821 | 13,702 | 13,854 | 14,072 | 14,295 | 14,853 | 15,239 | 15,505 | 15,617 | 15,780 | 16,035 | 1.0 | 1.6 |
| Southeast. | 1,221,821 | 1,248,266 | 1,264,476 | 1,287,334 | 1,315,532 | 1,330,900 | 1,346,689 | 1,366,123 | 1,384,840 | 1,409,188 | 1,427,939 | 1,443,187 | 1,473,278 | 1,492,349 | 2.1 | 1.3 |
| Alabama | 75,273 | 76,832 | 77,915 | 79,356 | 80,849 | 81,643 | 82,531 | 83,247 | 84,122 | 85,655 | 86,740 | 87,568 | 89,017 | 89,877 | 1.7 | 1.0 |
| Arkansas | 41,229 | 41,927 | 42,262 | 42,899 | 44,006 | 44,711 | 45,284 | 46,153 | 46,329 | 47,567 | 48,005 | 48,436 | 49,006 | 50,124 | 1.2 | 2.3 |
| Florida | 298,446 | 305,288 | 308,762 | 314,135 | 322,062 | 325,801 | 330,072 | 334,334 | 342,159 | 346,800 | 351,320 | 355,118 | 362,659 | 368,286 | 2.1 | 1.6 |
| Georgia | 141,048 | 145,277 | 147,389 | 150,700 | 154,451 | 156,103 | 158,784 | 162,162 | 164,063 | 168,023 | 170,891 | 172,857 | 176,972 | 179,521 | 2.4 | 1.4 |
| Kentucky ................................................ | 67,032 | 68,403 | 68,991 | 70,257 | 71,560 | 72,417 | 72,972 | 74,008 | 75,075 | 76,525 | 77,707 | 78,235 | 79,910 | 80,940 | 2.1 | 1.3 |
| Louisiana ............................................... | 76,946 | 77,453 | 78,715 | 79,764 | 81,220 | 81,823 | 82,912 | 83,053 | 83,917 | 85,273 | 86,111 | 86,892 | 88,472 | 89,159 | 1.8 | . 8 |
| Mississippi .... | 41,444 | 42,230 | 42,889 | 43,465 | 44,325 | $\begin{array}{r}44,797 \\ \hline 151\end{array}$ | 45,387 | 46,079 | 46,721 | 47,627 | 48,188 | 48,402 | 49,258 | 49,795 | 1.8 | 1.1 |
| North Carolina | 137,881 | 140,771 | 142,289 | 145,363 | 148,917 | 151,505 | 153,258 | 156,724 | 158,014 | 161,859 | 163,920 | 166,616 | 170,636 | 172,915 | 2.4 | 1.3 |
| South Carolina | 64,376 | 65,511 | 66,563 | 67,626 | 69,009 | 69,827 | 70,483 | 71,511 | 72,080 | 73,495 | 74,607 | 75,377 | 76,822 | 77,859 | 1.9 | 1.3 |
| Tennessee | 100,628 | 103,053 | 104,909 | 107, 365 | 109.635 | 111,021 | 112,222 | 113,817 | 114,441 | 116,169 | 117,626 | 118,806 | 121,399 | 122,963 | 2.2 | 1.3 |
| Virginia ...................................................... | 147,101 | 151,219 | 152,644 | 154,985 | 157,790 | 159,368 | 160,764 | 162,642 | 165,259 | 167,219 | 169,444 | 171,277 | 175,261 | 176,702 | 2.3 | . 8 |
| West Virginia ............................................. | 30,419 | 30,901 | 31,149 | 31,421 | 31,708 | 31,885 | 32,021 | 32,392 | 32,659 | 32,976 | 33,381 | 33,603 | 33,867 | 34,209 | . 8 | 1.0 |
| Southwest .................................................. | 522,706 | 537,381 | 546,513 | 559,118 | 568,008 | 576,315 | 584,361 | 592,619 | 603,099 | 613,576 | 623,327 | 630,15t | 645,319 | 653,841 | 2.4 | 1.3 |
| Arizona | 76.413 | 78,955 | 81,116 | 82,990 | 85,300 | 86,460 | 88,345 | 89,968 | 92,200 | 93,851 | 95,623 | 96,709 | 99,120 | 101,217 | 2.5 | 2.1 |
| New Mexico .............................................. | 27,736 | 28,202 | 28,791 | 29,341 | 30,231 | 30,580 | 31,009 | 31,304 | 31,823 | 32,152 | 32,367 | 32,526 | 33,300 | 33,596 | 2.4 | . 9 |
| Oklahoma ............................................... | 57,257 | 58,478 | 58,954 | 60,075 | 60,341 | 61,041 | 61,604 | 62,385 | 63,239 | 64,273 | 65,003 | 65,541 | 66,982 | 67,304 | 2.2 | . 5 |
| Texas .................................................... | 361,301 | 371,746 | 377,651 | 386,712 | 392,135 | 398,234 | 403,402 | 408,962 | 415,838 | 423,301 | 430,334 | 435,376 | 445,917 | 451,724 | 2.4 | 1.3 |
| Rocky Mountaln | 157,269 | 162,219 | 164,913 | 168,410 | 172,902 | 174,647 | 177,649 | 180,764 | 183,459 | 187,084 | 190,154 | 192,566 | 196,424 | 198,677 | 2.0 | 1.1 |
| Colorado... | 81,218 | 84,145 | 85,537 | 87,670 | 89,985 | 90,804 | 92,494 | 93,779 | 95,749 | 97,514 | 99,191 | 100,578 | 102,492 | 103,657 | 1.9 | 1.1 |
| Idaho ...... | 20,032 | 20,620 | 21,016 | 21,258 | 21,944 | 22,135 | 22,446 | 22,945 | 23,112 | 23,581 | 23,795 | 23,877 | 24,354 | 24,732 | 2.0 | 1.6 |
| Montana ................................................. | 14,780 | 15,030 | 15,242 | 15,495 | 15,891 | 16,029 | 16,250 | 16,456 | 16,566 | 16,788 | 17,017 | 17,213 | 17,292 | 17,533 | . 5 | 1.4 |
| Utah ................................................................ | 31,943 | 32,955 | 33,565 | 34,220 | 35,196 | 35,701 | 36,388 | 37,378 | 37,856 | 38,848 | 39,697 | 40,397 | 41,505 | 41,915 | 2.7 | 1.0 |
| Wyoming .................................................. | 9,296 | 9,470 | 9,554 | 9,767 | 9,885 | 9,977 | 10,072 | 10,205 | 10,177 | 10,354 | 10,453 | 10,501 | 10,781 | 10,841 | 2.7 | . 6 |
| Far West .................................................... | 953,091 | 983,205 | 992,832 | 1,008,140 | 1,027,694 | 1,040,967 | 1,052,169 | 1,061,958 | 1,082,884 | 1,101,474 | 1,115,412 | 1,131,570 | 1,153,389 | 1,169,511 | 1.9 | 1.4 |
| Alaska ...................................................... | 13,956 | 14,050 | 14,180 | 14,316 | 14,500 | 14,548 | 14,590 | 14,615 | 14,731 | 14,789 | 14,826 | 14,894 | 15,047 | 15,257 | 1.0 | 1.4 |
| California ............................................... | 698,696 | 722,544 | 728,456 | 738,310 | 752,421 | 761,430 | 768,728 | 775,160 | 790,291 | 803,573 | 812,716 | 825,321 | 839,867 | 851,850 | 1.8 | 1.4 |
| Hawaii ... | 27,941 | 28,243 | 28,639 | 29,054 | 29,352 | 29,669 | 29,633 | 29,716 | 29,902 | 30,067 | 30, 150 | 30,169 | 30,549 | 30,694 | 1.3 | . 5 |
| Nevada | 32,744 | 33,978 | 34,681 | 35,764 | 36,893 | 37.503 | 38,351 | 39,055 | 40,255 | 41,286 | 42,207 | 43,050 | 44,029 | 44,950 | 2.3 | 2.1 |
| Oregon ....................................................... | 61,597 | 63,084 | 64,319 | 65,667 | 67,167 | 68,155 | 69,323 | 70,580 | 71,934 | 73,336 | 74,683 | 75,735 | 77,511 | 78,279 | 2.3 | 1.0 |
| Washington ............................................... | 118,157 | 121,306 | 122,556 | 125,028 | 127,361 | 129,663 | 131,544 | 132,832 | 135,771 | 138,424 | 140,830 | 142,401 | 146,386 | 148,481 | 2.8 | 1.4 |

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

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

| Line | Hem | United States |  |  |  |  |  | Now England |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1996 |  |  |  | 1997 |  | 1996 |  |  |  | 1997 |  |
|  |  | $1 r$ | IIr | III ${ }^{\text {r }}$ | IVr | $1{ }^{\prime}$ | $\\|^{p}$ | $1{ }^{\prime}$ | $\\|$ r | III ${ }^{\text {r }}$ | Nr | $1 r$ | $4 p$ |
| 123 | Income by Place of Residence |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Personal income (lines 4-11) | 6,344,946 | 6,446,004 |  | $6,602,689$ |  |  |  | 385,048 | $388,521$ | 394,993 | 403,147 |  |
|  | Nonfarm personal income $\qquad$ Farm income (line 17) $\qquad$ | $\begin{array}{r} 6,302,835 \\ 42,111 \end{array}$ | $\begin{array}{r} 6,400,089 \\ 45,915 \end{array}$ | $\begin{array}{r} 6,476,984 \\ 49,033 \end{array}$ | $\begin{array}{r} 6,553,152 \\ 49,537 \end{array}$ | $\begin{array}{r} 6,680,685 \\ 49,549 \end{array}$ | $\begin{array}{r} 6,760,004 \\ 53,127 \end{array}$ | $\begin{array}{r} 379,017 \\ 590 \end{array}$ | 384,413 635 | $\begin{array}{r} 387,823 \\ 698 \end{array}$ | 394,302 690 | 402,496 651 | $\begin{array}{r} 407,790 \\ 727 \end{array}$ |
|  | Derlvation of Personal income |  |  |  |  |  |  |  |  |  |  |  |  |
| 91011 | Earnings by place of work (lines 12-16 or 17-34) ............................. | 4,441,995 | 4,526,759 | 4,582,201 | 4,641,597 | 4,725,608 | 4,787,585 | 259,848 | 265,007 | 267,262 | 273,014 | 278.439 | 282,549 |
|  | Less: Personal contributions for social insurance ${ }^{1}$............................. | 300,024 | 304,576 | 307,752 | 311,016 | 317,710 | 320,837 | 17,074 | 17,358 | 17,476 | 17,825 | 18,234 | 18,448 |
|  | Plus: Adjustment for residence ${ }^{2}$................................................... | $-3,297$ | -3,375 | -3,424 | -3,484 | -3,558 | -3,618 | 4,544 | 4,534 | 4,615 | 4,698 | 4,799 | 4,850 |
|  | Equals: Net earnings by place of residence .................................... | 4,138,674 | 4,218,808 | 4,271,025 | 4,327,097 | 4,404,340 | 4,463,130 | 247,318 | 252,182 | 254,401 | 259,887 | 265,004 | 268,961 |
|  | Plus: Dividends, interest, and rent ${ }^{3}$............................................... | 1,153,180 | 1,162,440 | 1,182,632 | 1,194,204 | 1,218,792 | 1,233,114 | 73,450 | 73,840 | 74,995 | 75,646 | 77,342 | 78,317 |
|  | Plus: Transier payments ............................................................ | 1,053,092 | 1,064,756 | 1,072,360 | 1,081,388 | 1,107,102 | 1,116,887 | 58,838 | 59,026 | 59,125 | 59,460 | 60,801 | 61,249 |
|  | State unemployment insurance benefits .............................. | 22,444 | 21,628 | 20,804 | 21,092 | 21,654 | 21,487 | 1,684 | 1,542 | 1,475 | 1,524 | 1.589 | 1,532 |
|  | Transfers excluding State unemployment insurance benefits .... | 1,030,648 | 1,043,128 | 1,051,556 | 1,060,296 | 1,085,448 | 1,095,400 | 57,155 | 57,484 | 57,650 | 57,936 | 69,212 | 59,717 |
|  | Earnings by Place of Work |  |  |  |  |  |  |  |  |  |  |  |  |
| 1213141516 | Components of earnings: |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Wage and salary disbursements ................................................. | 3,532,560 | 3,604,680 | 3,656,444 | 3,710,692 | 3,785,453 | 3,835,312 | 208,564 | 213,098 | 215,321 | 220,510 | 225,298 | 228,724 |
|  | Other labor income ............................................................... | 404,804 | 407,696 | 408,180 | 408,848 | 412,075 | 414,873 | 23,490 | 23,668 | 23,574 | 23,830 | 24,061 | 24,293 |
|  | Proprietors' income ${ }^{4}$.............................................................. | 504,631 | 514,383 | 517,577 | 522,057 | 528,380 | 537,400 | 27,794 | 28,241 | 28,366 | 28,674 | 29,080 | 29,532 |
|  | Farm proprietors' income .................................................... | 27,275 | 30,891 | 33,829 | 34,149 | 33,979 | 37,371 | 245 | 289 | 351 | 340 | 297 | 369 |
|  | Nontarm proprietors' income ................................................. | 477,356 | 483,492 | 483,748 | 487,908 | 494,401 | 500,029 | 27,548 | 27,951 | 28,015 | 28,333 | 28,783 | 29,163 |
|  | Earnings by Industry |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 | Farm .................................................................................... | 42,111 | 45,915 | 49,033 | 49,537 | 49,549 | 53,127 | 590 | 635 | 698 | 690 | 651 | 727 |
| 18 | Nonfarm .............................................................................. | 4,399,884 | 4,480,844 | 4,533,168 | 4,592,060 | 4,676,059 | 4,734,458 | 259,258 | 264,372 | 266,564 | 272,324 | 277,788 | 281,822 |
| 19 | Private ........................................................................... | 3,714,828 | 3,790,720 | 3,837,480 | 3,892,964 | 3,968,186 | 4,022,270 | 226,687 | 231,723 | 233,660 | 239,466 | 244,611 | 248,420 |
| 20 | Agricultural services, forestry, fishing, and other ${ }^{5}$.................. | 28,848 | 29,708 | 30,232 | 30,292 | 31,126 | 32,230 | 1,485 | 1,541 | 1,572 | 1,596 | 1,624 | 1,674 |
| 21 | Mining .......................................................................... | 39,004 | 39,232 | 38,808 | 39,132 | 39,813 | 40,213 | 210 | 216 | 213 | 206 | 209 | 210 |
| 22 | Construction .................................................................. | 247,524 | 253,412 | 257,152 | 261,072 | 266,089 | 269,315 | 12,481 | 12,868 | 13,139 | 13,391 | 13,799 | 14,034 |
| 23 | Manufacturing ................................................................ | 804,184 | 820,808 | 826,668 | 831,912 | 841,073 | 847,999 | 49,632 | 50,660 | 50,897 | 51,500 | 51,934 | 52,889 |
| 24 | Durable goods ........................................................... | 491,816 | 504,208 | 508,400 | 510,688 | 517,283 | 522,385 | 33,548 | 34,316 | 34,362 | 34,885 | 34,958 | 35,726 |
| 25 | Nondurable goods ..................................................... | 312,368 | 316,600 | 318,268 | 321,224 | 323,789 | 325,614 | 16,083 | 16,344 | 16,530 | 16,615 | 16,975 | 17,163 |
| 26 | Transportation and public utilities ....................................... | 305,672 | 308,788 | 311,164 | 310,284 | 316,634 | 320,134 | 14,066 | 14,324 | 14,254 | 14,392 | 14,425 | 14,764 |
| 27 | Wholesale trade ...... | 277,308 | 282,696 | 286,588 | 291,436 | 296,861 | 301,327 | 16,529 | 16,883 | 17,060 | 17,598 | 17,798 | 18,086 |
| 28 | Retail trade | 406,096 | 413,512 | 416,636 | 425,168 | 431,820 | 435,279 | 23,281 | 23,753 | 24,126 | 24,655 | 24,779 | 24,893 |
| 29 | Finance, insurance, and real estate ..................................... | 364,064 | 374,624 | 378,292 | 385,524 | 392,859 | 401,372 | 25,952 | 26,559 | 26,338 | 27,214 | 28,598 | 28,671 |
| 30 | Services ...................................................................... | 1,242,128 | 1,267,940 | 1,291,940 | 1,318,144 | 1,351,914 | 1,374,402 | 83,051 | 84,919 | 86,066 | 88,914 | 91,446 | 93,199 |
| 31 | Government and government enterprises ................................ | 685,056 | 690,124 | 695,688 | 699,096 | 707,873 | 712,188 | 32,571 | 32,649 | 32,904 | 32,858 | 33,177 | 33,402 |
| 32 | Federal, civilian .............................................................. | 132,036 | 132,356 | 131,952 | 132,340 | 135,607 | 135,290 | 5,355 | 5,359 | 5,347 | 5,376 | 5,491 | 5,479 |
| 33 | Military .......................................................................... | 49,216 | 48,880 | 48,752 | 48,484 | 49,467 | 49,153 | 1,285 | 1,245 | 1,249 | 1,248 | 1,274 | 1,267 |
| 34 | State and local ............................................................... | 503,804 | 508,888 | 514,984 | 518,272 | 522,799 | 527,745 | 25,931 | 26,045 | 26,308 | 26,233 | 26,411 | 26,656 |

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow{3}{*}{Line} \& \multirow{3}{*}{Item} \& \multicolumn{6}{|c|}{New Hampshire} \& \multicolumn{6}{|c|}{Rhode island} <br>
\hline \& \& \multicolumn{4}{|c|}{1996} \& \multicolumn{2}{|c|}{1997} \& \multicolumn{4}{|c|}{1996} \& \multicolumn{2}{|c|}{1997} <br>
\hline \& \& $1{ }^{\text {r }}$ \&  \& III ${ }^{\text {r }}$ \& IVr \& $I^{r}$ \& $\| p$ \& $1 r$ \& IIr \& III ${ }^{\text {r }}$ \& IV ${ }^{\text {r }}$ \& $\mathrm{J}^{\prime}$ \& $11 P$ <br>
\hline \multirow{12}{*}{1
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10
11} \& Income by Place of Residence \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline \& Personal income (lines 4-11) ...... \& 30,336 \& 30,727 \& 31,109 \& 31,584 \& 31,986 \& 32,509 \& 23,971 \& 24,270 \& 24,341 \& 24,743 \& 25,111 \& 25,371 <br>

\hline \& | Nontarm personal income $\qquad$ |
| :--- |
| Farm income (line 17) $\qquad$ | \& 30,294

42 \& 30,682
45 \& 31,062
47 \& 31,537
47 \& 31,939
47 \& 32,458
52 \& 23,944
27 \& 24,241
29 \& 24,310
31 \& 24,712
31 \& 25,079
32 \& 25,335
35 <br>
\hline \& Derlvation of Personat Income \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline \& Earnings by place of work (lines 12-16 or 17-34) .............................. \& 19,287 \& 19,613 \& 19,921 \& 20,302 \& 20,393 \& 20,776 \& 14,955 \& 15,219 \& 15,217 \& 15,579 \& 15,743 \& 15,930 <br>
\hline \& Less: Personal contributions for social insurance ${ }^{1}$.............................. \& 1,339 \& 1,358 \& 1,377 \& 1,403 \& 1,412 \& 1,436 \& 1,181 \& 1,197 \& 1,195 \& 1,222 \& 1,237 \& 1,248 <br>
\hline \& Plus: Adjustment for residence ${ }^{2}$.................................................... \& 2,400 \& 2,461 \& 2,480 \& 2,542 \& 2,623 \& 2,673 \& 933 \& 958 \& 982 \& 1,002 \& 1,039 \& 1,063 <br>
\hline \& Equals: Net earnings by place of residence ..................................... \& 20,349 \& 20,716 \& 21,024 \& 21,442 \& 21,604 \& 22,014 \& 14,708 \& 14,981 \& 15,004 \& 15,359 \& 15,545 \& 15,746 <br>
\hline \& Plus: Dividends, interest, and rent ${ }^{3}$............................................... \& 5,906 \& 5.955 \& 6,059 \& 6,117 \& 6,258 \& 6,337 \& 4,382 \& 4,402 \& 4,458 \& 4,490 \& 4,568 \& 4,612 <br>
\hline \& Plus: Transter payments ............................................................. \& 4,081 \& 4,056 \& 4,027 \& 4,026 \& 4,124 \& 4,158 \& 4,882 \& 4,887 \& 4,879 \& 4,894 \& 4,999 \& 5,013 <br>
\hline \& State unemployment insurance benefits $\qquad$ Transfers excluding State unemployment insurance benefits .... \& 4,042 \& 4,021 \& $\begin{array}{r}3,993 \\ \hline 3\end{array}$ \& 3,991 \& $\begin{array}{r}\text { 4,087 } \\ \hline\end{array}$ \& 4,
4
4,126 \& 191
4,691 \& 4,702 \& 4,703 \& +177 \& 4,817 \& 156
4,857 <br>
\hline \& Earnings by Place of Work \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline \multirow{6}{*}{12
13
14
15} \& Components of earnings: \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline \& Wage and salary disbursements ................................................... \& 15,157 \& 15,458 \& 15,741 \& 16,096 \& 16,180 \& 16,507 \& 12,224 \& 12,460 \& 12,485 \& 12,820 \& 12,960 \& 13,117 <br>
\hline \& Other labor income ........................................................................ \& 1,800 \& 1,813 \& 1,825 \& 1,837 \& 1,823 \& 1,850 \& 1,276 \& 1,286 \& 1,271 \& 1,290 \& 1,293 \& 1,301 <br>
\hline \& Proprietors' income ${ }^{4}$............................................................... \& 2,329 \& 2,343 \& 2,355 \& 2,369 \& 2,390 \& 2,419 \& 1,465 \& 1,472 \& 1,462 \& 1,469 \& 1,490 \& 1,512 <br>
\hline \& Farm proprietors' income .......................................................................................................... \& 16
2,313 \& 18
2,324 \& 2,334 \& -r 21 \& 2,370 \& 2,34 \& 17
1,439 \& 18
1,454 \& 21
1.441 \& 20
1,449 \& 21
1,469 \& 24
1,487 <br>
\hline \& Earnings by Industry \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 17 \& Farm ..................................................................................... \& 42 \& 45 \& 47 \& 47 \& 47 \& 52 \& 27 \& 29 \& 31 \& 31 \& 32 \& 35 <br>
\hline 18 \& Nonfarm .............................................................................. \& 19,245 \& 19,569 \& 19,874 \& 20,255 \& 20,346 \& 20,725 \& 14,928 \& 15,190 \& 15,186 \& 15,548 \& 15,711 \& 15,895 <br>
\hline 19 \& Private ........................................................................... \& 16,974 \& 17,293 \& 17,557 \& 17,965 \& 18,024 \& 18,358 \& 12,499 \& 12,752 \& 12,715 \& 13,072 \& 13,183 \& 13,355 <br>
\hline 20 \& Agricultural services, forestry, fishing, and other 5 .................. \& 109 \& 112 \& 115 \& 117 \& 123 \& 128 \& 103 \& 107 \& 108 \& 107 \& 105 \& 108 <br>
\hline 21 \& Mining .......................................................................... \& 19 \& 20 \& 20 \& 21 \& 18 \& 21 \& 8 \& 9 \& ${ }_{7} 8$ \& 88 \& $8^{8}$ \& 11 <br>
\hline 22 \& Construction .................................................................. \& \%,159 \& 1,138 \& 1,176 \& 1,170 \& 1.196 \& 1,216 \& 687 \& 723 \& 712 \& 727 \& 761 \& 780 <br>
\hline 23 \& Manufacturing ............................................................... \& 4,345 \& 4,512 \& 4,646 \& 4,622 \& 4,536 \& 4,659 \& 2,958 \& 2,983 \& 2,935 \& 3,035 \& 3,128 \& 3,146 <br>
\hline 24 \& Durable goods ........................................................... \& 3,105 \& 3,212 \& 3,348 \& 3,320 \& 3,222 \& 3,335 \& 1,882 \& 1,902 \& 1,885 \& 1,883 \& 1,909 \& 1,907 <br>
\hline 25 \& Nondurable goods ...................................................... \& 1,241 \& 1,299 \& 1,298 \& 1,302 \& 1,313 \& 1.325 \& 1,076 \& 1,081 \& 1,050 \& 1,152 \& 1,218 \& 1,239 <br>
\hline 26 \& Transportation and public utilities ....................................... \& 1,141 \& 1,149 \& 1,157 \& 1,172 \& 1,175 \& 1,194 \& 758 \& 768 \& 756 \& 757 \& 773 \& 790 <br>
\hline 27 \& Wholesale trade .............................................................. \& 1,307 \& 1,289 \& 1,297 \& 1,410 \& 1,421 \& 1,449 \& 768 \& 776 \& 777 \& 794 \& 805 \& 816 <br>
\hline 28 \& Retail trade ................................................................... \& 2,239 \& 2,278 \& 2,294 \& 2,401 \& 2,423 \& 2,445 \& 1,388 \& 1,391 \& 1,409 \& 1,444 \& 1,459 \& 1,468 <br>
\hline 29 \& Finance, insurance, and real estate .................................... \& 1,262 \& 1,296 \& 1,275 \& 1,323 \& 1,368 \& 1,400 \& 1,062 \& 1,093 \& 1,076 \& 1,090 \& 1,115 \& 1,158 <br>
\hline 30 \& Services ...................................................................... \& 5,393 \& 5,499 \& 5,578 \& 5,718 \& 5,764 \& 5,845 \& 4,767 \& 4,904 \& 4,934 \& 5,110 \& 5,028 \& 5,078 <br>
\hline 31 \& Government and government enterprises ................................. \& 2,270 \& 2,276 \& 2,318 \& 2,299 \& 2,322 \& 2,367 \& 2,429 \& 2,438 \& 2,471 \& 2,476 \& 2,528 \& 2,540 <br>
\hline 32 \& Federal, civilian ............................................................... \& 366 \& 370 \& 369 \& 374 \& 387 \& 392 \& 428 \& 433 \& 441 \& 451 \& 465 \& 465 <br>
\hline 33 \& Military ............................................................................. \& 45 \& 43 \& 43 \& 42 \& 44 \& 44 \& 228 \& 215 \& 215 \& 224 \& 237 \& 234 <br>
\hline 34 \& State and local ................................................................ \& 1,860 \& 1,863 \& 1,906 \& 1,884 \& 1,891 \& 1,932 \& 1,772 \& 1,790 \& 1,815 \& 1,802 \& 1,826 \& 1,841 <br>
\hline
\end{tabular}

See footnotes at end of table.
and Earnings by Industry, 1996:I-1997:II
adjusted at annual rates]

| Connecticut |  |  |  |  |  | Maine |  |  |  |  |  | Massachusets |  |  |  |  |  | Line |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996 |  |  |  | 1997 |  | 1996 |  |  |  | 1997 |  | 1996 |  |  |  | 1997 |  |  |
| $1 \times$ | \# ${ }^{\text {r }}$ | $111 r$ | $\mathrm{N}^{\text {r }}$ | r | $11 p$ | r | "r | 111 | Nr | 1 | \#1 | 1 | " ${ }^{\prime}$ | III' | Vr | Ir | $\\|^{p}$ |  |
| 109,083 108,922 | 110,491 | 111,78 <br> 110,778 | $\begin{aligned} & 112,912 \\ & 112,709 \end{aligned}$ | $\begin{aligned} & 116,025 \\ & 115,850 \\ & 10 \end{aligned}$ | $\begin{aligned} & 117,084 \\ & 116,879 \end{aligned}$ | ${ }_{\text {25,485 }}^{25.590}$ | ${ }_{25,977}^{2594}$ | $\underset{\text { 26, }}{26,251}$ | ${ }_{26,559}^{26,699}$ | ${ }_{26,954}^{27,066}$ | ${ }_{2}^{27,373}$ | 1777,592 | 180,415 80, 267 | ${ }_{\substack{182,384 \\ 182,171}}$ | ${ }_{185,515}^{185}$ | 189,315 | ${ }_{192,162}^{192,35}$ | 2 |
| 73.3 | 74.715 | 74.976 | 76,435 | 78.807 | 79,442 | 16,648 | 16,937 | 17,069 | 17,396 | ${ }^{17,581}$ | 17,793 | 126,800 | 129,643 | 131,103 | 134,269 | 136,753 | 139,300 |  |
| ${ }_{\substack{4.683}}^{4,683}$ | ${ }_{3}^{4.864}$ | ${ }_{3,947}^{4,65}$ | 4,0,856 | 4,088 | 4,148 | 1.180 | 1,1929 | ${ }^{1,1207}$ | ${ }^{1.2285}$ | 1,246 | 1,241 | -8.092 | ¢, | ${ }_{8}^{8,323}$ | -8,505 |  | 8,8.834 | 6 |
| ${ }^{72,588}$ | 73,824 | 74,158 | ${ }^{75,598}$ | 77,872 | 78,550 | 15.885 | 15.960 | 16,091 | 16,403 | 16,569 | 16,76 | ${ }^{115,752}$ | 118,354 | 119,680 | 122,500 | 124,794 | 127,104 | 7 |
| ${ }^{21,694}$ | ${ }_{21,830}$ | ${ }^{22,179}$ | ${ }^{22} 29394$ | ${ }_{15}^{22,871}$ | - | ${ }_{4}^{4,697}$ | 4,737 | ${ }_{5}^{4.814}$ | 4,864 | 4,966 | 5 | 34,0,5 | 34,717 | 34.694 | ${ }_{3}^{34,961}$ |  | 36,281 | 8 |
| -14,8128 | ${ }_{4} 4,480$ | ${ }^{14,949}$ | ${ }^{14,402}$ | ${ }^{51206}$ | ${ }_{30}$ | 123 | 1.17 | 114 | ${ }_{5}$ | , 32 | ${ }_{120}$ | ${ }_{809}$ | ${ }^{2} 73$ | ${ }^{2} 705$ | ${ }^{28,143}$ | ${ }^{2} 788$ | ${ }^{2} 788$ |  |
| 14,344 | 14,417 | 14,447 | 14,517 | 14,876 | 15,017 | 5,086 | 5,170 | 5,232 | 5,286 | 5,410 | 5,459 | 26,985 | 27,157 | 27,255 | 27,394 | 27,94 | 28,62 | 11 |
| 58,354 | 59.537 | 59.862 | 61,239 | 63,263 | ${ }^{63,686}$ | ${ }^{13,133}$ | ${ }^{13,398}$ | ${ }^{13,520}$ | 13,803 | 13,980 | 14,163 | ${ }^{102.856}$ | 105,322 | 106,729 | ${ }^{109,502}$ | ${ }^{111,740}$ | 113,954 | ${ }^{12}$ |
| 8, ${ }^{6,62}$ | 8,388 | 8,379 | 8,3989 | 8,5999 | ${ }_{8,180}^{6,960}$ | - 1.488 | 2, 2,444 | 2,0588 | ${ }^{1,0088}$ | 2,092 | 2,109 | +12,369 | 12,482 | 112,497 | ${ }^{113,589}$ | $\xrightarrow{11,630}$ | ${ }^{13,5,59}$ | 14 14 14 |
| 8.96 | 8,292 | 8,272 | 8,292 | 8.521 | 8,693 | 1,996 | 2,010 | 2,020 | 2,052 | 2,055 | 2.069 | 12,565 | 12,817 | 12,879 | 13,121 | 13,294 | 13,443 | 16 |
|  | 181 | 202 | 202 | 175 | 205 | 106 | 107 | 112 | 110 | 112 | 116 | 137 | 149 | 163 | 163 | 152 | 173 |  |
| 73, 64.52 | 74.334 | ${ }_{7}^{74,748}$ | ${ }^{76,233}$ | 78.632 | 79, 432 | ${ }_{\substack{16.542 \\ 1375}}$ | ${ }_{\text {16, }}^{16838}$ | -16,21 | 14,427 | 17,469 | ${ }^{17.7876}$ | ${ }^{126,663}$ | 129,494 | ${ }^{1315940}$ | ${ }_{1}^{134,1064}$ | ${ }^{136.601}$ | 139,127 |  |
| ${ }_{39} 39$ | 409 | ${ }_{407}^{407}$ | 487 | ${ }^{429}$ | 438 | ${ }^{185}$ | 191 | ${ }^{195}$ | ${ }^{198}$ | 198 | 204 | ${ }^{632}$ | -669 | -684 | 6995 | 71 | ${ }^{72}$ | 20 |
| 3,313 | 3480 | 3.534 | 3.527 | 3756 | 3,906 | 1039 | 1,065 |  |  |  | 1.174 | 5.708 | 5.872 | 5,968 | 6,136 | 6,297 | $6,36{ }^{6}$ |  |
| 15,154 | 15.410 | 15,606 | 15,835 | 16.042 | ${ }^{16,274}$ | 3,204 | ${ }_{3}^{1,217}$ | ${ }^{1,262}$ | 3.209 | 3,369 | 3,374 | 22,147 | 22,740 | ${ }^{2} 2.6561$ | ${ }^{22,962}$ | ${ }^{23,0215}$ | ${ }^{23,478}$ | 2 |
| 10,640 | 10,931 | ${ }^{10,959}$ | - | +11,681 |  | -1,640 | ${ }_{\text {1,568 }}$ | ${ }^{1} 1.658$ | ${ }_{1}^{1,573}$ | 1,631 | 1,661 | ${ }^{15,051}$ | ${ }^{15,431}$ |  | (15.555 | cis.455 | 15,7944 |  |
| ${ }_{3,896}$ | 3,976 | 3,905 | 3,971 | 4,0031 | 4,180 | ${ }^{983}$ | ${ }^{986}$ | ${ }^{988}$ | ${ }^{993}$ | 1,003 | 1,018 | 6,784 | 6,935 | ${ }_{6,935}$ | 6,983 | ${ }_{6} 6.930$ | 7,057 | 26 |
| 4.671 | 4,795 | 4,800 | 4,918 | 5 5,009 | 5.076 | 897 | 901 | 930 | ${ }_{938}$ | 927 | 950 | ${ }_{8}^{8,425}$ | ${ }_{8}^{8,677}$ | 88805 | 9,059 | ${ }^{9,1765}$ | 9.337 | ${ }^{27}$ |
| ${ }_{9}^{5,909}$ | ${ }_{9,521}^{5,950}$ | ${ }_{9}^{5,172}$ | ${ }_{9}^{6,393}$ | ${ }_{\text {c }}^{6,194}$ | 6,215 | 1,9997 | ${ }_{1,065}^{2,016}$ | ${ }_{\text {2 }}^{2,021}$ | ${ }_{1}^{2,066}$ | - |  |  |  | cin | (1, 11.5999 | - | ${ }^{11,6619}$ | ${ }^{28}$ |
| 21,767 | 22.208 | 22,514 | 23,280 | 23,947 | 24,389 | 4,447 | 4.5939 | 4,580 | 4,684 | 4,768 | 4, 4,38 | 44,207 | 45,239 | 45.945 | 47,585 | 49,355 | 50,443 | ${ }^{30}$ |
| ${ }^{8,667}$ | ${ }^{8}, 70130$ | ${ }_{\text {, }}^{8,817}$ |  | + | ${ }_{\text {8,811 }}^{8,805}$ | ${ }^{2,827}$ | 2,845 | 2,877 | 2,878 | 2,8990 | 2,8989 | 边 |  | -15,12 |  | (15,284 |  | ${ }_{31}^{31}$ |
| 1.377 | ${ }^{1} 376$ | ${ }^{1} 185$ | ${ }^{1388}$ | ${ }^{193}$ | ${ }^{396}$ |  | 201 |  | 205 | ${ }_{212}$ | ${ }_{208}$ | 399 | 370 | ${ }^{3} 569$ | ${ }_{397}$ | ${ }^{366}$ | 343 | ${ }_{33}$ |
| 7,162 | 7,196 | 7,306 | 7,094 | 7,222 | 7,297 | 2,057 | 2,066 | 2,057 | 2,096 | 2,087 | 2,088 | 12,019 | 12,040 | 12,144 | 12,282 | 12,238 | 12,342 | 34 |


| Vermont |  |  |  |  |  | Mcleast |  |  |  |  |  | Dolaware |  |  |  |  |  | Line |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996 |  |  |  | 1997 |  | 1996 |  |  |  | 1997 |  | 1996 |  |  |  | 1997 |  |  |
| ${ }^{\prime}$ | "r | IIIr | Nr | 1 | \|1P | I | \#r | III ${ }^{\text {r }}$ | IVr | Ir | \||P | r | $1{ }^{\prime}$ | 111 | Nr | ${ }^{\prime}$ | ${ }_{1 / P}$ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| - |  | $\underset{\substack { \text { 3,164 } \\ \begin{subarray}{c}{14.37{ \text { 3,164 } \\ \begin{subarray} { c } { 1 4 . 3 7 } } \\{\hline}\end{subarray}}{ }$ | $\underset{\substack { \text { che } \\ \begin{subarray}{c}{13,270{ \text { che } \\ \begin{subarray} { c } { 1 3 , 2 7 0 } }\end{subarray}}{137}$ |  |  |  | $\begin{aligned} & 1,251,871 \\ & 1,24,804 \\ & 1,2904 \end{aligned}$ | 1,2664266 | 1,2878,9616 | $\begin{gathered} 1,304,164 \\ 1,30,926 \end{gathered}$ | $\begin{aligned} & 1,317,046 \\ & 1,34,692 \end{aligned}$ | $\xrightarrow{19.552} \times$ | -19,422 |  | $\xrightarrow{20,755}$ | ${ }_{\text {20,607 }}^{20,68}$ | $\underset{\substack{21,20 \\ 21,103 \\ 138}}{ }$ | $\frac{1}{2}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & 8,778 \\ & 8000 \end{aligned}$ | $8,879$ | $8,975$ | $9,093$ | $9.162$ | $9,309$ | $\begin{gathered} 956,641 \\ 57,884 \\ \hline \end{gathered}$ | $\begin{gathered} 8668827 \\ 58,300 \\ 50 \end{gathered}$ | $\begin{aligned} & 876,481 \\ & 58.658 \end{aligned}$ | $\begin{gathered} 890,145 \\ 59,410 \end{gathered}$ | $\begin{gathered} 904,871 \\ 60,606 \end{gathered}$ | $\begin{aligned} & 913,467 \\ & \hline 61,015 \end{aligned}$ | $\begin{array}{\|c\|c\|} \hline 14,971 \\ \hline 225 \end{array}$ | 15,994 | 15.953 | 16,048 | ${ }^{15.9666}$ | $\underset{\substack{16,423 \\ 1,009}}{ }$ | ${ }_{5}^{4}$ |
|  | $\begin{array}{r} 605 \\ 744 \\ 0 \end{array}$ |  |  |  |  | -1, | -11,309 | ${ }^{-1,1,691}$ | -11,462 | -11,668 | ${ }^{-1,8,879}$ | -1,725 | -1,180 | -1,232 |  | -1,259 |  | 6 |
| [ | -8,349 | 8,444 <br> 2,792 |  |  |  |  |  | - | - | ${ }_{\text {243,3009 }}$ | ${ }^{8446,543}$ | ${ }_{\substack{12.875 \\ 3,897}}^{1.8}$ |  | ${ }_{\text {c }}^{13,394}$ | (13,7700 | - | 14,093 | 8 |
| ${ }^{2}$ | ${ }^{2}, 2,68$ | 2,022 | ${ }_{2}^{2}, 0,028$ | ${ }_{2}^{2,135}$ | 2,155 | 216, 207 | 218,959 | 221,549 | ${ }_{22,5184}^{29,68}$ | 227,259 | ${ }^{269,928}$ | 2,781 | 2,880 | 2,898 | ${ }^{2} 2,965$ | 2,985 | 3,016 | 9 |
| 2,006 | 2.016 | 2,021 | 2,030 | 2,078 | 2,097 | 210,550 | 213,472 | 215,515 | 217,491 | 222,601 | 224,623 | 2,698 | 2,757 | 2,801 | 2,839 | 2.915 | 2,945 | 11 |
| 6,840 | 6.922 | 6,985 | 7.051 | 7.175 | 7,297 | 691,126 | 699.953 | 707477 | 719,835 | 733,230 | 740.650 | ${ }^{11,627}$ | 11.814 | 12,137 | 12.514 | ${ }^{12,473}$ | ${ }^{12,867}$ |  |
| - 1,110 | -1,131 | ¢,166 | 1,161 | +1,159 | 1,174 | ${ }_{7}^{75,595}$ | ${ }_{9}^{75,043}$ | - | 75,899 94,424 | - 76 | 76,623 <br> 96,194 | 1,489 | ${ }^{1,471} \mathbf{1 , 9 0 8}$ | 1,4887 | (1.513 | $\xrightarrow{1,492}$ |  | 1 |
| , 70 | -77 | 1,979 | ${ }^{19} 8$ | 1.85 |  |  |  | ${ }_{1} 1,121$ | +1,169 | -1.098 |  |  |  |  |  | ${ }^{1102}$ | +1099 | 15 |
| 1,039 | 1,054 | 1,069 | 1,071 | 1,074 | 1,076 | 90,644 | 92,079 | 92, 2148 | 93,256 | 94,190 | 95,000 | 1,793 | 1,824 | 1,852 | 1,909 | 1,892 | 1,908 | 16 |
| 117 | 124 | 144 | ${ }^{137}$ |  |  |  |  | ${ }^{2,239}$ |  |  |  | 100 |  |  |  |  | ${ }_{1685}^{138}$ |  |
| ${ }_{7,329}^{8.661}$ | 87.382 | 7,482 | ${ }_{7}^{8,559}$ | 7,605 | 7,730 | ${ }_{718,405}^{856,65}$ | ${ }_{721,500}^{86,760}$ | ${ }_{736,102}^{87424}$ | 8897,488 | ${ }_{7664}^{9028}$ | 9171,1185 | -14,872 <br> 12,972 | $\underset{13,165}{15.89}$ | $\underset{\substack{15,450 \\ 13,507}}{1}$ | $\underset{\substack{15,907 \\ 13,93}}{ }$ |  | - 16 | ${ }_{19}^{18}$ |
| ${ }^{7} 61$ | ${ }^{7} 63$ |  | ${ }^{7} 65$ | ${ }^{7} 64$ | ${ }^{66}$ | ${ }_{3} 8.837$ | ${ }_{3} 3,823$ | ${ }^{3,961}$ | 3.994 | 4 4,047 | 4,171 | 60 | 60 | 64 | 63 | 65 | 67 | 20 |
| 575 | ${ }_{590}^{29}$ | 831 | ${ }_{626}^{22}$ | 660 | ${ }_{597}^{20}$ | ${ }_{3}^{27.1989}$ | 2, ${ }^{2.158}$ | - 2.0883 | 2.1717 40.180 | ${ }_{4}^{2,1,1876}$ | 2, ${ }_{4}^{2,1,551}$ | 924 | 979 | 1.102 | 1,277 |  | ${ }^{202}$ | ${ }_{21}^{21}$ |
| 1,824 | 1,7999 | ${ }^{1,833}$ | 1.837 | 1.889 | 1.1957 | 126,430 | 127,840 | ${ }_{128,751}$ | ${ }^{428,964}$ | 12.566 | 129,366 | 4,415 | 4,273 | 4,391 | 4,420 | 4,495 | 4,712 | ${ }_{23}^{22}$ |
| 1,331 | 1,291 | 1,320 | 1,523 | 1,5098 | 1,437 |  |  |  | 64, 6488 | 664,990 |  | ${ }_{3} 8585$ | ${ }_{3}^{833}$ | ${ }^{8.545}$ | ${ }_{3} 867$ | ${ }_{3} 984$ | 3775 | ${ }_{25}^{24}$ |
| ${ }_{504}^{492}$ | 508 510 | 5 | 514 516 | 512 | 526 |  | - 68.3797 |  |  |  |  | 3,537 | ${ }^{3} \mathbf{}$ | ${ }_{7} 3.945$ | 3.693 | ${ }_{682}$ | 3,1397 | ${ }^{26}$ |
| 462 | 446 | 454 | ${ }^{478}$ | ${ }_{469}^{460}$ | 468 |  | 年52.624 | coisi.37 |  | 550,030 6959 | ${ }_{\text {cosen }}^{55,723}$ | +1,234 | +584 | - 1.297 | \% 0868 <br> 1,288 | -1,336 | ${ }_{6}^{605}$ | -27 |
| ${ }_{484} 9$ | ${ }_{496}^{939}$ | ${ }_{507} 9$ | 963 <br> 506 <br> 1 | ${ }_{484}^{969}$ | 500 | ${ }_{10}^{60,372}$ |  | ${ }^{110,669}$ | 114,657 |  | 12,1,103 | ci, | -1,909 | 1,910 | ${ }_{\text {cker }}$ | +,909 | ${ }_{2}^{2,031}$ |  |
| 2.469 | 2.529 | 2.516 | ${ }^{2} 2.538$ | 2,564 | 2.607 | ${ }^{265,389}$ | 269,24 | 273,218 | 279,520 | 284,749 | 288,968 | 3.266 | 3,391 | 3.453 | 3.512 | 3.610 | 3,647 | 30 |
| +1,332 | [1,3631 | +1,270 | +1,369 | 1,424 | 1,4323 | ${ }_{\text {34, }}^{138}$ | - | - |  | ${ }^{138,6145}$ | ${ }^{139,163}$ | ${ }_{\text {1239 }}^{1,899}$ | ${ }_{2}^{1,941}$ | +1,943 | 1,934 | ${ }^{1,955}$ | 1,972 | 31 32 |
|  |  |  |  |  |  |  | 4,284 | 4,239 | 4,184 | 4,255 | 4,280 | 177 | 174 | 170 | 167 | 169 | 168 |  |
| 1.062 | 1,091 | 1.081 | 1,076 | 1,147 | 1,156 | 99,486 | 100,631 | 99,624 | 99,890 | 99,215 | 99,832 | 1,484 | 1,501 | 1,526 | 1,523 | 1,542 | 1.561 | 34 |

Table 2.-Personal Income by Major Source
[Milions of dollars, seasonally


See footnotes at end of table.
and Earnings by Industry, 1996:|-1997:II-Continued adjusted at annual rates]

| New Jersey |  |  |  |  |  | New York |  |  |  |  |  | Pennsyivania |  |  |  |  |  | Line |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996 |  |  |  | 1997 |  | 1996 |  |  |  | 1997 |  | 1996 |  |  |  | 1997 |  |  |
| $1^{r}$ | $\\|^{r}$ | $111{ }^{r}$ | IV ${ }^{\text {r }}$ | $1{ }^{\prime}$ | $\\|{ }^{p}$ | $\mathrm{I}^{\text {r }}$ | $\\| r$ | $i l$ | IV | $1{ }^{\text {r }}$ | \# $p$ | $1{ }^{\prime}$ | $1{ }^{\text {r }}$ | III ${ }^{\text {r }}$ | IVr | 1 | /1P |  |
| 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 | 540,159 539,608 500 | 560,884 550,329 555 | 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 | $\begin{array}{r} 311,931 \\ 310,939 \\ \hline 992 \end{array}$ | 1 2 3 |
| 159,517 | 162,563 | 163,447 | 165,961 | 169,045 | 170,190 | 370,427 | 372,855 | 376,038 | 382,755 | 390,139 | 393,862 | 195,043 | 199,003 | 200,810 | 203,057 | 205,306 | 207,543 | 4 |
| 11,069 | 11,239 | 11,270 | 11,414 | 11,665 | 11,709 | 24,307 | 24,325 | 24,470 | 24,843 | 25,427 | 25,598 | 13,604 | 13,808 | 13,885 | 13,991 | 14,188 | 14,306 | 5 |
| 14,057 | 13,983 | 14,210 | 14,550 | 14,883 | 15,094 | -18,815 | -18,697 | -18,980 | -19,427 | -19,939 | -20,167 | 1,427 | 1,419 | 1,437 | 1,500 | 1,562 | 1,590 | 6 |
| 162,506 | 165,307 | 166,387 | 169,096 | 172,263 | 173,575 | 327,306 | 329,833 | 332,588 | 338,484 | 344,773 | 348,096 | 182,865 | 186,614 | 188,362 | 190,565 | 192,680 | 194,827 | 7 |
| 49,972 | 50,288 | 51,021 | 51,471 | 52,432 | 52,968 | 95,622 | 96,330 | 97,937 | 98,904 | 100,741 | 101,860 | 54,478 | 54,773 | 55,456 | 55,887 | 57,062 | 57,670 | 8 |
| 33,507 | 33,713 | 34,052 | 33,863 | 34,615 | 34,893 | 99,897 | 101,076 | 101,872 | 102,770 | 105,369 | 106,358 | 55,755 | 56,551 | 57,124 | 57,693 | 58,906 | 59,433 | 9 |
| 1,385 | 1,403 | 1,649 | 1,295 | 1,292 | 1,271 | 2,064 | 1,934 | 1,833 | 1,827 | 1,921 | 1,918 | 1,741 | 1,622 | 1,516 | 1,504 | 1,533 | 1,591 | 10 |
| 32,122 | 32,310 | 32,403 | 32,568 | 33,324 | 33,622 | 97,833 | 99,142 | 100,039 | 100,944 | 103,448 | 104,439 | 54,014 | 54,929 | 55,607 | 56,189 | 57,373 | 57,842 | 11 |
| 129,763 | 132,446 | 133,319 | 135,586 | 138,349 | 139,345 | 297,491 | 299,441 | 302,536 | 308,506 | 315,281 | 318,472 | 153,264 | 156,760 | 158,568 | 160,640 | 162,656 | 164,565 | 12 |
| 14,239 | 14,347 | 14,277 | 14,327 | 14,428 | 14,420 | 31,324 | 30,969 | 30,837 | 30,980 | 31,285 | 31.408 | 19,013 | 19,168 | 19,128 | 19,121 | 19,122 | 19,205 | 13 |
| 15,515 | 15,769 | 15,852 | 16,047 | 16,269 | 16,425 | 41,613 | 42,444 | 42,665 | 43,269 | 43,573 | 43,982 | 22,765 | 23,075 | 23,114 | 23,296 | 23,529 | 23,773 | 14 |
| 103 15,412 | $\begin{array}{r}113 \\ \hline 15,657\end{array}$ | 1934 15,718 | 145 15,903 | 136 16,133 | 152 16,273 | 132 41,481 | 42,32 | 147 42,518 | 140 43,129 | 140 43,433 | 43,831 | 22,368 | 441 22,634 | 519 22,595 | 22,758 | 481 23,047 | 546 23,228 | 15 16 |
| 242 | 251 | 273 | 285 | 278 | 296 | 536 | 526 | 553 | 550 | 555 | 571 | 827 | 872 | 952 | 974 | 922 | 992 | 17 |
| 159,276 | 162,311 | 163,174 | 165,676 | 168,767 | 169,895 | 369,892 | 372,329 | 375,485 | 382,205 | 389,585 | 393,291 | 194,216 | 198,131 | 199,859 | 202,082 | 204,384 | 206,551 | 18 |
| 135,936 | 138,749 | 140,022 | 142,191 | 145,058 | 146,089 | 315,198 | 316,875 | 320,830 | 327,624 | 335,408 | 338,673 | 168,530 | 172,264 | 173,960 | 176,302 | 178,374 | 180,510 | 19 |
| 693 | 717 | 733 | 741 | 749 | 776 | 1,251 | 1,285 | 1,308 | 1,327 | 1,327 | 1,361 | -957 | -982 | 1,008 | 990 | 1,019 | 1,052 | 20 |
| 212 | 216 | 214 | 215 | 223 | 224 | 305 | 310 | 316 | 345 | 307 | 330 | 1,475 | 1,499 | 1,460 | 1,516 | 1,448 | 1,485 | 21 |
| 6,930 | 7,232 | 7,316 | 7,395 | 7,698 | 7,736 | 12,833 | 13,190 | 13.528 | 13,723 | 13,736 | 14,076 | 10,638 | 11,055 | 11,225 | 11,467 | 11,912 | 12,046 | 22 |
| 25,693 | 25,959 | 26,112 | 26,030 | 25,943 | 25,542 | 46,729 | 46,936 | 47,136 | 47,221 | 47,784 | 47,898 | 40,806 | 41,701 | 42,099 | 42,331 | 42,277 | 42,082 | 23 |
| 9,355 | 9,542 | 9,536 | 9,371 | 9,403 | 9,036 | 24,808 | 25,009 | 25,119 | 25,266 | 25,381 | 26,521 | 23,916 | 24,482 | 24,747 | 24,696 | 24,616 | 24,529 | 24 |
| 16,337 | 16,418 | 16,577 | 16,659 | 16,541 | 16,506 | 21,922 | 21,927 | 22,017 | 21,956 | 22,402 | 22,377 | 16,890 | 17,219 | 17,352 | 17,635 | 17,661 | 17,553 | 25 |
| 14,089 | 14,365 | 14,419 | 14,567 | 14,516 | 14,793 | 23,665 | 22,770 | 22,733 | 22,362 | 22,217 | 22,552 | 13,612 | 13,584 | 13,663 | 13,572 | 13,872 | 14,133 | 26 |
| 13,825 | 14,074 | 14,277 | 14,518 | 14,977 | 15,164 | 21,533 | 21,616 | 21,584 | 21,849 | 22,511 | 22,699 | 11,155 | 11,253 | 11,377 | 11,530 | 11,657 | 11,861 | 27 |
| 12,842 | 13,027 | 13,055 | 13,277 | 13,527 | 13,678 | 24,679 | 25,042 | 25,156 | 25,775 | 26,052 | 26,246 | 17,983 | 18,296 | 18,435 | 18,796 | 19,174 | 19,344 | 28 |
| 13,731 | 14,247 | 14,238 | 14,634 | 15,715 | 15,800 | 68,726 | 68,709 | 70,548 | 73,519 | 77,812 | 78,055 | 14,448 | 15,349 | 15,407 | 15,695 | 15,463 | 15,896 | 29 |
| 47,922 | 48,911 | 49,658 | 50,814 | 51,710 | 52,376 | 115,484 | 117,019 | 118,520 | 121,502 | 123,662 | 125,456 | 57,455 | 58,545 | 59,286 | 60,405 | 61,551 | 62,611 | 30 |
| 23,340 | 23,563 | 23,152 | 23,484 | 23,710 | 23,805 | 54,694 | 55,453 | 54,655 | 54,580 | 54,177 | 54,618 | 25,686 | 25,867 | 25,899 | 25,781 | 26,010 | 26,041 | 31 |
| 3,298 | 3,326 | 3,307 | 3,303 | 3,365 | 3,364 | 6,571 | 6,634 | 6,603 | 6,602 | 6,780 | 6,822 | 5,419 | 5,450 | 5,472 | 5,500 | 5,594 | 5,513 | 32 |
| 540 | 516 | 504 | 496 | 512 | 520 | 968 | 925 | 909 | 898 | 900 | 897 | 556 | 549 | 552 | 548 | 559 | 550 | 33 |
| 19,502 | 19,720 | 19,340 | 19,686 | 19,833 | 19,920 | 47,455 | 47,895 | 47,144 | 47,080 | 46,496 | 46,899 | 19,710 | 19,868 | 19,875 | 19,733 | 19,858 | 19,978 | 34 |


| Indiana |  |  |  |  |  | Michigan |  |  |  |  |  | Ohio |  |  |  |  |  | Line |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996 |  |  |  | 1997 |  | 1996 |  |  |  | 1997 |  | 1996 |  |  |  | 1997 |  |  |
| 1 | $11 r$ | $I f^{\prime}$ | $\mathrm{N}^{+}$ | 1 ' | $\\| P$ | $1 \times$ | $1 \\|^{r}$ | III ${ }^{\text {r }}$ | IV ${ }^{\text {r }}$ | $1 r$ | $\\| P$ | $1 r$ | \|| ${ }^{\text {r }}$ | III ${ }^{\text {r }}$ | IV' | 1 r | $\\| P$ |  |
| $\begin{array}{r} 128,813 \\ 127,976 \\ 837 \end{array}$ | 131,434 130,552 882 | 133,113 132,162 $\mathbf{9 5 1}$ | 134,643 133,730 913 | $\begin{array}{r} 136,275 \\ 135,346 \\ 929 \end{array}$ | 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 | $\begin{array}{r} 248,911 \\ 248,389 \\ 522 \end{array}$ | 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 | $\begin{array}{r} 272,994 \\ 272,000 \\ 994 \end{array}$ | 1 2 3 |
| 92,497 | 94,673 | 95,720 | 96,826 | 97,630 | 98,932 | 167,214 | 170,741 | 172,580 | 173,183 | 176,236 | 177,746 | 181,168 | 184,966 | 187,571 | 188,102 | 191,200 | 193,028 | 4 |
| 6,194 | 6,318 | 6,377 | 6,441 | 6,512 | 6,581 | 10,984 | 11,199 | 11,316 | 11,338 | 11,579 | 11,650 | 12,327 | 12,560 | 12,725 | 12,734 | 12,994 | 13,078 | 5 |
| 2,283 | 2,322 | 2,354 | 2,376 | 2,444 | 2,484 | ,722 | 737 | 746 | 760 | 773 | 787 | -1,496 | -1,554 | -1,574 | -1,566 | -1,607 | -1,613 | 6 |
| 88,587 | 90,677 | 91,697 | 92,761 | 93,562 | 94,835 | 156,952 | 160,278 | 162,010 | 162,606 | 165,430 | 166,883 | 167,344 | 170,851 | 173,272 | 173,802 | 176,599 | 178,337 | 7 |
| 20,996 | 21,186 | 21,605 | 21,851 | 22,288 | 22,560 | 41,593 | 41,670 | 42,120 | 42,371 | 43,184 | 43,667 | 43,697 | 43,912 | 44,516 | 44,853 | 45,771 | 46,284 | 8 |
| 19,230 | 19,571 | 19,811 | 20,031 | 20,425 | 20,593 | 36,470 | 36,901 | 36,999 | 37,349 | 38,095 | 38,361 | 46,043 | 46,432 | 46,630 | 46,955 | 48,042 | 48,373 | 9 |
| 269 | 270 | 256 | 263 | 242 | 246 | 992 | 1,059 | 911 | 1,007 | 1,026 | 1,005 | 796 | 757 | 677 | 693 | 819 | 770 | 10 |
| 18,961 | 19,301 | 19,555 | 19,768 | 20,183 | 20,347 | 35,478 | 35,842 | 36,088 | 36,342 | 37,069 | 37,356 | 45,247 | 45,674 | 45,953 | 46,262 | 47,223 | 47,603 | 11 |
| 73,838 | 75,676 | 76,658 | 77,726 | 78,458 | 79,562 | 136,445 | 139,763 | 141,694 | 142,511 | 145,325 | 146,704 | 147,461 | 150,892 | 153,329 | 153,994 | 156,899 | 158,452 | 12 |
| 9,876 | 10,006 | 9,989 | 9,967 | 9,939 | 9,991 | 19,825 | 20,004 | 19,972 | 19,777 | 19,962 | 19,959 | 17,475 | 17,709 | 17,757 | 17,594 | 17,678 | 17,725 | 13 |
| 8,783 | 8,990 | 9,073 | 9,133 | 9,232 | 9,379 | 10,944 | 10,974 | 10,913 | 10,895 | 10,949 | 11,083 | 16,232 | 16,365 | 16,484 | 16,513 | 16,623 | 16,851 | 14 |
| 627 8,157 | 672 8,318 | 742 8,330 | 708 8,425 | 721 8,511 | 760 8,620 | $\begin{array}{r}\text { 10,30 } \\ \hline 14\end{array}$ | r $\begin{array}{r}-15 \\ 10,989\end{array}$ | 10,908 | 10,893 ${ }^{2}$ | - ${ }^{3}$ | 21 11,062 | 626 15,606 | 640 15,725 | 748 45,736 | 746 15.767 | 676 15,948 | 733 16,118 | 15 16 |
| 837 | 882 | 951 | 913 | 929 | 970 | 414 | 444 | 480 | 491 | 498 | 522 | 887 | 900 | 1,007 | 1,000 | 933 | 994 | 17 |
| 91,660 | 93,791 | 94,769 | 95,912 | 96,701 | 97,963 | 166,800 | 170,297 | 172,100 | 172,692 | 175,738 | 177,224 | 180,281 | 184,066 | 186,564 | 187,101 | 190,267 | 192,034 | 18 |
| 80,284 | 82,290 | 83,191 | 84,105 | 85,254 | 86,322 | 145,429 | 148,763 | 150,573 | 151,161 | 153,387 | 154,683 | 156,215 | 160,136 | 161,991 | 162,700 | 165,226 | 166,839 | 19 |
| 392 | 410 | 422 | 420 | 418 | 435 | 726 | 747 | 762 | 774 | 803 | 838 | 809 | 832 | 855 | 843 | 876 | 908 | 20 |
| 328 | 351 | 361 | 377 | 368 | 379 | 404 | 405 | 401 | 402 | 404 | 398 | 813 | 846 | 823 | 816 | 798 | 806 | 21 |
| 5,747 | 6,007 | 6,067 | 6,193 | 6,334 | 6,578 | 8,315 | 8,467 | 8,594 | 8,691 | 8,889 | 97,238 | 9,737 | 10,034 | 10,371 | 10,396 | 10,570 | 10,762 | 22 |
| 29,890 | 30,670 | 30,818 | 30,754 | 31,067 | 31,005 | 55,243 | 56,685 | 57,345 | 57,091 | 58,138 | 57,804 | 50,114 | 51,796 | 52,149 | 51,912 | 52,200 | 52,245 | 23 |
| 21,447 | 22,222 | 22,292 | 22,052 | 22,241 | 22,138 | 44,467 | 45,688 | 46,236 | 46,187 | 47,085 | 46,860 | 34,706 | 36,055 | 36,320 | 36,011 | 36,332 | 36,386 | 24 |
| 8,443 | 8,447 | 8,527 | 8,702 | 8,826 | 8,886 | 10,776 | 10,996 | 11,109 | 10,904 | 11,052 | 10,944 | 15,408 | 15,741 | 15,830 | 15,901 | 15,869 | 15,859 | 25 |
| 5,726 | 5,852 | 5,852 | 5,775 | 5,804 | 5,943 | 8,183 | 8,382 | 8,389 | 8,330 | 8,635 | 8,739 | 10,363 | 10,510 | 10,576 | 10,586 | 10,608 | 10,750 | 26 |
| 5,159 | 5,270 | 5,352 | 5,432 | 5,492 | 5,572 | 10,240 | 10,414 | 10,552 | 10,737 | 11,015 | 11,212 | 11,736 | 11,920 | 12,146 | 12,366 | 12,609 | 12,727 | 27 |
| 8,638 | 8,772 | 8,845 | 8,992 | 9,110 | 9,255 | 13,924 | 14,164 | 14,294 | 14,518 | 14,546 | 14,623 | 17,164 | 17,298 | 17,455 | 17,776 | 18,112 | 18,206 | 28 |
| 5,055 | 5,303 | 5,394 | 5,549 | 5,445 | 5,606 | 8,889 | 9,125 | 9,234 | 9,198 | 9.094 | 9,368 | 11,034 | 11,582 | 11,741 | 11,741 | 11,796 | 12,126 | 29 |
| 19,349 | 19,656 | 20,079 | 20,614 | 21,216 | 21,549 | 39,506 | 40,374 | 41,002 | 41,420 | 41,864 | 42,463 | 44,447 | 45,317 | 45,874 | 46,263 | 47,656 | 48,308 | 30 |
| 11,376 | 11,501 | 11,578 | 11,807 | 11,446 | 11,640 | 21,371 | 21,534 | 21,527 | 21,531 | 22,351 | 22,541 | 24,065 | 23,929 | 24,574 | 24,401 | 25,041 | 25,195 | 31 |
| 1,789 | 1,772 | 1,758 | 1,750 | 1,667 | 1,659 | 2,422 | 2,448 | 2,456 | 2,462 | 2,438 | 2,440 | 3,937 | 3,916 | 3,900 | 3,923 | 3,962 | 3,919 | 32 |
| 9332 | 9207 | 9227 | 9223 | 0225 | 224 | ${ }^{272}$ | +258 | 255 18.816 | +250 | 252 | 252 | ${ }^{663}$ | +648 | [636 | 625 | 633 020.445 | 627 0 | 33 <br> 34 |
| 9,355 | 9,501 | 9,594 | 9,834 | 9,554 | 9,758 | 18,677 | 18,829 | 18,816 | 18,819 | 19,661 | 19,848 | 19,466 | 19,365 | 20,038 | 19,853 | 20,445 | 20,649 | 34 |

Table 2.-Personal Income by Major Source
[Milions of dollars, seasonally


[^57]and Earnings by Industry, 1996:I-1997:Il-Continued adjusted at annual rates]



Table 2.-Personal Income by Major Source
[Milions of dollars, seasonally


| Line | Hem | Lowisiana |  |  |  |  |  | Mississippi |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1996 |  |  |  | 1997 |  | 1996 |  |  |  | 1997 |  |
|  |  | r | " ${ }$ | III | W* | r | ${ }^{11}$ | $1 \cdot$ | ${ }^{17}$ | 111 | IV' | Ir | $11 p$ |
| Income by Place of hesidence |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Personal income (lines 4-14) $\qquad$ Noniarm personal income $\qquad$ | $\begin{aligned} & 83,917 \\ & 89375 \\ & \hline 542 \\ & \hline \end{aligned}$ | $\begin{aligned} & 85,273 \\ & 84671 \\ & 656 \end{aligned}$ | $\begin{aligned} & 86,111 \\ & 85,777 \\ & 8,734 \end{aligned}$ | $\begin{gathered} 86.892 \\ 86.657 \\ \hline 635 \end{gathered}$ | $\begin{gathered} 88,472 \\ 87836 \\ \hline 65 \\ \hline \end{gathered}$ | $\begin{gathered} 88,159 \\ 88977 \\ \hline 687 \end{gathered}$ | $\begin{aligned} & 46,721 \\ & 46,704 \\ & 478 \end{aligned}$ | $\begin{aligned} & 47,677 \\ & 4,777 \\ & \hline 852 \end{aligned}$ | $\begin{aligned} & 48,188 \\ & 4,974 \\ & 413 \\ & 413 \end{aligned}$ | $\begin{aligned} & 46,402 \\ & 4,5156 \\ & 486 \end{aligned}$ | 49,258 48.353 905 | 49,795 <br> 48.811 <br> 985 |
|  | Derivation of Personal Income |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Earnings by place of work (iines 12-16 or 17-34) <br> ess: Parsona contibutions tor social insurace $\qquad$ | ${ }_{\substack{56.918 \\ 3682}}$ | ${ }_{\substack{58,100 \\ 3,74}}$ | ${ }_{5}^{50.654} 3$ | $\underset{39.2816}{59.28}$ |  | $\begin{aligned} & 60,498 \\ & 3,493 \end{aligned}$ | ${ }_{\substack{31,416 \\ 2,341}}$ | 32.101 2,379 | 32,466 | 32,405 <br> 2,395 | 32.898 <br> 2.40 | 33,250 <br> 2,453 |
|  |  | ${ }_{\text {c-i42 }}$ | $\underset{\substack{\text {-147 } \\ 5 \\ 5120}}{ }$ | - ${ }_{\substack{\text {-146 } \\ 5140}}$ | - | - | (143 | , | -1,045 | -1,1064 | -1,097 | 1,171 | ${ }^{1,1,128}$ |
|  |  | - 53,594 | 54,206 12.732 1 | $\xrightarrow{54,730} 1$ |  | $\xrightarrow[\substack{56,097 \\ 1329}]{ }$ |  | ciome | ciofere | 31,081 |  | 31,570 | 31, 3 625 |
|  |  | -18,157 | -18,335 | -18,455 | $\xrightarrow{18,1803}$ | 19,095 | - | -6,589 | 10,789 | 10,915 | 1, 11,052 | ${ }_{1} 1,313$ | 1, 11,418 |
|  | State unemployment insurance benefits .................................. | 18,015 | 18,201 | 18,3977 | 18,466 | ${ }_{18,938}^{187}$ | +19,128 | 10,499 | 10,642 | 10,782 | 10,46 10,96 | [11,82 | 11,290 |
|  | Eamings by Place of Work |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Components of earmings: |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Wage and salay disbursements $\qquad$ | ${ }_{5}^{45,2004}$ | $\underset{\substack{46,002 \\ 5,25}}{\text { c, }}$ | $\underset{\substack{46,499 \\ 5,25}}{\text { cen }}$ | cick ${ }_{\substack{47,109 \\ 5,258}}$ |  | cis.152 |  | ${ }_{\text {25, }}^{2,129}$ | 20,416 | cis, 2 2,464 |  | $\underset{\substack{26,136 \\ 2,95}}{2}$ |
|  |  | ${ }_{6}^{6,673}$ | 6,845 | 6,999 | 6,8661 | 6,944 | 77.065 | ${ }_{3,826}^{2,56}$ | 3,970 | 4,004 | ${ }_{3}^{2,981}$ | 4.026 | 4,139 |
|  | Nonfarm proprieiors' income | 6,270 | 6,355 | 6,327 | 6,380 | 8,465 | 6,536 | 3,264 | 3,282 | 3,262 | 3,269 | 3,298 | 3,333 |
|  | Earnings by Industry |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Farm | ${ }_{56376}^{542}$ | ${ }_{57}^{656}$ | ${ }_{57} 7394$ | \% $\begin{array}{r}635 \\ 5893\end{array}$ | - $\begin{array}{r}636 \\ 5949\end{array}$ | ${ }_{59810}^{687}$ | 718 30.699 | ${ }_{31} 852$ | 913 31502 | ${ }_{31.519}^{886}$ | 905 31993 | ${ }_{22}^{985}$ |
| ${ }_{19}$ |  | 46,492 | 47,530 | 47,967 | ${ }_{48,506}$ | 49,194 | 49,477 | 20,462 | 25,132 | 25,345 | 25,365 | ${ }_{25,736}$ | 25,934 |
| 20 | Aficultural senices, foresty, issing, and others... | ${ }_{265} 31$ | 2755 | ${ }_{2} 3180$ | ${ }^{3296}$ | 2380 | ${ }_{285}^{342}$ | 214 235 | ${ }_{247}^{230}$ | ${ }_{251}^{235}$ | ${ }_{247}^{231}$ | 265 <br> 260 | ${ }_{271}^{275}$ |
| 22 |  | 4.007 | 4.246 | 4 | 4,231 | ${ }_{4}^{2,334}$ | , | 1.8689 | , 1.893 | 1,886 | 1,894 | ${ }_{1}^{1.863}$ | 1.889 |
| ${ }^{23}$ | Manutacturing | 88,090 | ${ }^{8,195}$ | 88.238 | 8.266 | ${ }^{8.309}$ | 8.3075 | 7.056 | 7.205 | 7.196 | 7.007 | 7.12 | 7.073 |
| ${ }_{25}^{24}$ | Durable goods . | 3,1931 | 3,291 | 3,344 | +3,318 |  | 3,4,453 | 4,341 | 4,461 | 4,474 | ${ }_{2}^{4,364}$ | - | - ${ }_{2}^{4,342}$ |
| ${ }_{26}^{25}$ | Transooratioien and pubilc cifities | 4,466 | 4,475 | ${ }_{4,591}^{4.40}$ | 4,535 | 4,624 | 4,727 | 2,159 | 2,199 | ${ }_{2,213}^{2,213}$ | ${ }_{2,203}^{2,203}$ | ${ }_{2}^{2,2,15}$ | ${ }_{2,236}^{2,18}$ |
| ${ }_{88}^{27}$ |  | 3,134 | 3, ${ }_{\text {3,218 }}$ | 3,264 | 3,311 | 5,320 | 3.351 | 1,455 | 1,499 | ${ }^{1,515}$ | 1,5088 | ${ }^{1,5288}$ | +1,567 |
| ${ }_{29}^{28}$ |  | [1,369 |  |  | cos, | ¢ | S.168 | 3,143 1,413 | coite | -3,233 | - |  | ¢ |
| ${ }_{30}$ | Fenerces ......... | +15,435 | 15,787 | 16.021 | ${ }_{16,336}$ | 16.671 | ${ }_{16,756}$ | 7.0178 | 7,200 | 77369 | 77,40 | 77,70 | 77.818 |
| ${ }_{32}^{31}$ | Govermment and govermment enteprises .... | 9,884 | ${ }^{9} 9.914$ |  | 10,087 | +10,300 | coich | 6,117 | , 6,117 | 6,157 | 6,154 | -6,25] |  |
| ${ }_{33} 3$ | Feedieal, cinlian | ${ }_{7824}$ | 7,596 | 1,5930 | 1,546 | 1,7693 | 1,594 | 1,110 | 1,0961 | ${ }^{1.082}$ | 1,063 | [1,128 | ${ }^{1,1280}$ |
| ${ }_{34}$ |  | 7,556 | 7,603 | 7,632 | 7,752 | 7,893 | 7,945 | 4,315 | 4,364 | 4,405 | 4,405 | 4,431 | 4,523 |

See footnotes at end of table.
and Earnings by Industry, 1996:1-1997:Il-Continued adjusted at annual rates]

| Florida |  |  |  |  |  | Geargia |  |  |  |  |  | Kenucky |  |  |  |  |  | Line |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996 |  |  |  | 1997 |  | 1996 |  |  |  | 1997 |  | 1996 |  |  |  | 1997 |  |  |
| ${ }^{-}$ | " ${ }^{\text {r }}$ | ${ }^{\prime \prime \prime}$ | Nr | ${ }^{\prime}$ | ${ }^{1 / P}$ | Ir | " ${ }^{\text {r }}$ | IIIr | NVr | ${ }^{1}$ | $11 P$ | ${ }^{\text {r }}$ | "r | ${ }^{117}$ | IVr | ${ }^{\text {r }}$ | \#1P |  |
| $\begin{gathered} 342,159 \\ \substack{30.593 \\ 1,625} \end{gathered}$ | $\begin{gathered} 346,800 \\ 345,003 \\ \substack{1,797} \\ \hline \end{gathered}$ | $\begin{gathered} 351,320 \\ 349.488 \\ 1,832 \\ \hline \end{gathered}$ | $\underset{\substack{355,1118 \\ 3 j_{3}, 28 \\ i, 840}}{ }$ | $\begin{gathered} 366,659 \\ 3 \\ \hline \end{gathered}$ | ${ }_{366,165}^{366,286}$ 2.121 | $\begin{gathered} 164,063 \\ \text { che } \\ 1.411 \\ 1,652 \end{gathered}$ | $\begin{gathered} 166,023 \\ 166,1,40 \\ 1,882 \\ \text { and } \end{gathered}$ | $\begin{gathered} 170,891 \\ 168,819 \\ 2,073 \end{gathered}$ | $\begin{aligned} & 172,857 \\ & \substack{170,657 \\ 2,200 \\ 2} \end{aligned}$ | $\begin{aligned} & 176,972 \\ & \substack{174,933 \\ 2,138 \\ 2} \end{aligned}$ | $\begin{gathered} 179,521 \\ \substack{177,26 \\ 2,252 \\ 2,26} \end{gathered}$ | $\begin{aligned} & 75,075 \\ & 74,152 \\ & 9222 \end{aligned}$ | $\begin{gathered} 76,55 \\ \substack{7,546 \\ \text { 7,i896} \\ 1,039} \end{gathered}$ | $\begin{gathered} 77,707 \\ 76,50 \\ 1,357 \\ \hline \end{gathered}$ | $\begin{aligned} & 78,235 \\ & 77,12,02 \\ & 1,021 \end{aligned}$ |  | $\begin{gathered} 80,940 \\ 79,465 \\ 1,1,65 \\ \hline \end{gathered}$ | 1 2 3 |
| 204,076 | 206,907 | 209,327 | 211,587 | 215,796 | 219,950 | 121,865 | 125,459 | 127,661 | 129,084 | 132,154 | 134,153 | 52,235 | 59,513 | 54,423 | 54,775 | ${ }^{55,956}$ | 56,773 |  |
| ${ }^{13} 4.968$ | 14, 107 | , 12.24 | ${ }^{14,54}$ | 14,684 | 14,993 | -7,926 | -194 | -2,258 | ${ }_{-205}^{8,319}$ |  | ${ }_{-230}^{8,654}$ | -3, | - ${ }_{-32}^{3,74}$ | ${ }_{3}^{3,811}$ | -3, 3 , 32 | 3,944 | ${ }_{3}^{3,978}$ | ${ }_{6}^{5}$ |
| 190,610 | 193,329 | 195,620 | 197,773 | 201,652 | 205.566 | 113,769 | ${ }^{117,136}$ | 119,197 | ${ }^{120.560}$ | ${ }^{123,374}$ | ${ }^{125,269}$ | 48.221 | 49,427 | 50,291 | 50.570 | 51.641 | 52.369 | 7 |
| 64,376 | ${ }_{65,180}$ | ${ }_{65,689}$ | 66,286 | ${ }_{68,045} 6$ | ${ }_{66,750}$ | 24,426 | 24,701 | 24,865 | ${ }_{25,118}$ | ${ }_{2}^{26,775}$ | ${ }_{26,039}^{28,23}$ | ${ }_{16,049}^{11,805}$ | (1, 15,285 | ${ }_{16,322}$ | 15,40 | $\underset{\substack{15,426}}{12,43}$ | ${ }_{15,977}^{12,59}$ | ${ }_{9}$ |
| 63,676 | 6883 64,47 | 6579 65010 | 66,579 | 67,286 <br> 789 | 67, 788 | 24,1424 | 24,424 | 228005 | 24,811 | 235.472 | 25,734 | ${ }_{\text {14,803 }}{ }^{246}$ | ${ }_{14,985}^{237}$ | 15,110 | 15,236 | ${ }_{15,59}$ | 15,729 | 10 |
| 166,197 | 168,762 | 171,304 | 173,518 | 177,439 | 180,891 | 98,286 | 101,312 | 103,30 | 104,489 | 107,290 | 108,905 | 41,635 | 42.684 | 43,264 | 43,91 | 44,885 | 45.423 |  |
| ${ }^{18,595}$ | ${ }_{18,938}$ | 18,900 | 19,005 | 19,131 | ${ }^{19,592}$ | 12.567 | ${ }^{12,245}$ | 13.07 | 13,324 | ${ }_{13,446}$ | ${ }_{\text {13,722 }}$ | ${ }_{5} 5,393$ | ${ }_{5} 5.553$ | 5,875 | ${ }_{5,563}$ | 5.75 | ${ }_{5} 5,912$ | 14 |
| ${ }^{17854}$ | ${ }_{1809} 9$ | 17.965 | 18,017 | 188,188 | (18,349 | 11.1426 | ${ }_{1}^{11,688}$ | ${ }_{1}^{1,2,294}$ | -11,382 | 11,9588 | ${ }_{1}^{11,598}$ | ${ }_{4}^{727}$ | 843 4809 | 1,160 4,714 | ${ }_{4}^{827}$ | ${ }_{489}^{896}$ | ${ }_{4}^{1.065}$ | ${ }_{15}^{15}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{1.625}$ | ${ }^{1,797}$ | ${ }^{1,882}$ | 1.840 | ${ }^{1,954}$ | ${ }^{2,121}$ | ${ }^{1,652}$ | ${ }^{1,882}$ | 2.073 | ${ }^{2,200}$ | ${ }^{2,1388}$ | 2,252 | 922 | 1.039 | ${ }^{1,3557}$ | 1,022 | 1.093 | 1265 |  |
| 1699,52 | 173,338 | 277, 2026 | ${ }^{2177,265}$ | 179,745 | ${ }_{183,327}^{21.37}$ | 101,496 | 104,641 | ${ }_{\text {cosem }}$ | ${ }^{1207,567}$ | -10, ${ }^{1887}$ | 112,214 | 42,536 | 43,558 | 4, 4,091 | 44,639 | 45,577 | 46,32 |  |
| ${ }_{2}^{2,1165}$ | ${ }_{2}^{2,204}$ | ${ }_{2}^{2,247}$ | ${ }_{\text {2, }}^{195}$ | ${ }_{2}^{2,271}$ | ${ }_{2}^{2,341}$ | ${ }_{341}^{669}$ | $\xrightarrow{758}$ | ${ }_{351}^{722}$ | ${ }^{723}$ | ${ }_{732} 7$ | ${ }_{8}^{811}$ | +353 | ${ }^{365}$ | 1373 | 1373 | 379 | ${ }^{392}$ | 20 |
| 12,465 | 12,593 | ${ }^{12}, 727$ | 12,837 | 12,626 | 12,775 | 7.083 | 7.322 | 7.040 | 7.199 | 7.235 | $7, .254$ | ${ }_{2}{ }^{2}, 986$ | 3.082 | 3.175 | 3.191 | ${ }^{1,362}$ | 3,317 | 22 |
| - 18.6882 | (19,016 | - 118.8666 | -19,023 | ${ }^{19,0,963}$ |  | cen ${ }_{\text {20,303 }}$ | $\xrightarrow{21,063}$ | ${ }_{9}^{21,3790}$ | cing | 21,88999 | 21,988 | - | ${ }_{7}^{12,204}$ | ${ }_{7,346}^{12,040}$ | ${ }_{\substack{12.293 \\ 7,415}}$ | - | ci, | ${ }_{24}^{23}$ |
| 6,796 | 6.989 | 6.960 | 7,048 | 7,043 | 6,987 | ${ }^{11,047}$ | ${ }^{11,377}$ | ${ }^{11,587}$ | ${ }^{11,760}$ |  | ${ }^{11,948}$ | 4.634 | 4,745 | 4.694 | 4,808 | 4,755 | 4,785 | 25 |
| - | -14,057 | (14,064 | 13,4355 | 14,4480 | - $14.4,479$ | - 11.6565 |  | 12,200 <br> 10,790 <br> 1 | (12, | 111,531 |  | - | - | ${ }_{2,869}$ | 3,924 | +1,066 | ${ }_{3}^{4,017}$ | ${ }_{27}^{26}$ |
| 24,045 | 24,287 | ${ }^{24,544}$ | 24,988 | 25.505 | ${ }^{25,555}$ | ${ }^{11,4755}$ | 11,782 | 12,050 | 12,207 | 12,353 | 12,465 | ${ }_{5}$ | ${ }_{5}$ 5,394 | 5.448 | 5.534 | 5.726 | ${ }_{5}^{5.828}$ | ${ }^{28}$ |
| ${ }^{17,880}$ | - | - 18.8335 | 19,071 70,436 | - 172,786 | 74,548 | 30,839 | $\xrightarrow{8,8,760}$ | 3, 3 , 2,535 | -9,995 | ${ }^{3,34602}$ | ${ }_{35,24}$ | - | - | ${ }_{1}^{2,132}$ | ${ }_{\text {2, }}^{2,703}$ | (2, | ${ }_{\text {cke }}^{2,835}$ | ${ }_{30}^{29}$ |
| ${ }_{32,698}$ | ${ }_{31,771}$ | ${ }^{32} 2,469$ | ${ }_{32,482}$ | 34,197 | 34,502 | ${ }_{18,718}$ | ${ }_{18,936}$ | ${ }^{19,175}$ | 19,317 | 19,628 | 19,687 | ${ }_{8,777}$ | ${ }_{8,917}$ | ${ }_{8,974}$ | 9,113 | 9,285 | 9,316 | 31 |
| 5,298 | ${ }_{5}^{5.364}$ | 5,355 | 5,394 | 5,512 | ${ }_{\text {5,566 }}$ | ${ }^{3}, 9,93$ | 4.008 | 4.009 | 4,040 | 4.166 | ${ }^{4,147}$ | 1,564 | ${ }_{1}^{1,517}$ | 1.541 | ${ }^{1,578}$ | \%,567 | ${ }_{1}^{1,535}$ | 32 |
| 22,430 | 23,445 | 24,162 | 24,109 | 25,548 | 25,772 | 12,564 | ${ }_{12,726}$ | 12.942 | 13,028 | 13,167 | ${ }_{13,256}$ | 6,112 | 6,225 | 6,306 | 6,388 | 6,564 | 6,644 | ${ }_{34}$ |



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


[^58]and Earnings by Industry, 1996:I-1997:Il-Continued adjusted at annual rates]

| Southwest |  |  |  |  |  | Arizona |  |  |  |  |  | New Mexico |  |  |  |  |  | Line |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996 |  |  |  | 1997 |  | 1996 |  |  |  | 1997 |  | 1996 |  |  |  | 1997 |  |  |
| 1 | "r | III | \|vr | ${ }^{\circ}$ | "P | r | " ${ }^{\text {r }}$ | IIIr | Nr | r | \|IP | $1 r$ | IIr | IIIr | Nr | r | "1 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ¢ |  | ¢ 6 62,327 |  | ${ }_{641,886}^{645,319}$ | 653,841 650,142 |  | $\begin{gathered} 93,851 \\ 93,172127 \end{gathered}$ | 954,623 <br> 94,83 | 96,700 <br> 96005 |  | $\begin{aligned} & 100,217 \\ & 100,384 \end{aligned}$ | $\begin{aligned} & 31,823 \\ & 31,507 \end{aligned}$ | $\left.\begin{gathered} 32,152 \\ 31,804 \\ 31,240 \end{gathered} \right\rvert\,$ | $\begin{gathered} 32,367 \\ 31,992 \\ \hline 1292 \end{gathered}$ | $\begin{aligned} & 322,566 \\ & 32,156 \end{aligned}$ | $\begin{aligned} & 38,300 \\ & 329919 \end{aligned}$ | 33,596 <br> 33,156 | ${ }^{2}$ |
| 3,241 | 3,372 | ${ }^{3,468}$ | 3,409 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | ${ }_{29}^{446,939}$ | 454,102 | 456,976 | ${ }^{470,055} 3$ | 476,520 | 693,992 | ¢ 64,425 | 66,899 | ${ }_{46,506}^{66,59}$ | ${ }_{6}^{68,235} 4$ | ${ }_{6}^{69,989} 4$ | ${ }^{21,962}$ | ${ }_{\substack{2,613 \\ 1,67}}$ | ${ }_{\substack{2,11616}}^{22,18}$ | 22,143 | ${ }_{\substack{2,669 \\ 1,662}}$ | 22,819 <br> 1,665 <br> 1 | ${ }_{5}^{4}$ |
| ${ }^{215}$ | 223 | ${ }^{213}$ | 216 |  | 1197 | ${ }^{2395}$ | ${ }^{2046}$ | 2499 | -256 | -268 | ${ }^{2658}$ | -74 | -1989 | 8, 87 | 91 | -193 | 998 | 6 |
| 410,112 | ${ }^{418,086} 9$ | 424,73 | ${ }^{429,404}$ | - 430.596 | 445,747 |  | ${ }^{60,376}$ |  | ${ }_{\substack{62,249 \\ 17868}}$ |  | cistion | 20,365 | $\underset{\substack{20,541 \\ 5 \\ \hline 178}}{ }$ | coick | coick | ${ }_{\substack{21,436}}^{21,980}$ | $\underset{\substack{21,253 \\ 5 \\ 5 \\ 500}}{ }$ | 8 |
| 98,060 | ${ }^{\text {99, } 367}$ | ${ }^{100,150}$ | 101, 138 | ${ }^{103} 10.848$ | 104,925 | 16,060 | 16,290 | 16,439 | 16.592 | 17,034 | 17,204 | 6,327 | 6, 63.15 | 6,511 | 6,591 | 6.774 | 6,842 | 9 |
| 9,14646 | 97, 9 | ${ }_{98,812}^{1,38}$ | 99,729 | 102,427 | 10,3495 | 15,890 | 16,116 | ${ }^{16,271}$ | 16,629 | 168,863 | -17,422 | 6,247 | 6,357 | 6,436 | 6,510 | 6,692 | 6,764 | 11 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\substack{366,629 \\ 36,931}}$ | ${ }^{343,774} 3$ | ${ }^{350,542} 3$ | 354,878 | ${ }_{38}^{36,685}$ | ${ }_{3}^{369,695}$ | ${ }_{5}^{51,556}$ | ${ }_{5}^{52,53}$ | ${ }_{6,535}^{53,512}$ | ${ }_{5}^{54,2625}$ | ${ }_{\substack{55,67 \\ 5,708}}$ | ${ }_{6,828}^{57,068}$ | ${ }_{\text {c }}^{17,5680}$ | $\xrightarrow{17,713} 1$ |  |  | 18,286 | (18,380 | $\stackrel{12}{13}$ |
| ${ }^{64,947}$ | ${ }_{\text {c }}^{65,970}$ | ${ }^{66,095}$ | ${ }^{66,658}$ | ${ }_{7}^{67,370}$ |  | ${ }^{6.510}$ | 6,6463 | 6,734 | ${ }_{6}^{6.752}$ | ${ }^{6.887}$ | 7,085 | 2,384 | 2,412 | 2,416 | ${ }^{2,392}$ | 2,2488 | 2,4994 | 14 |
| 63,027 | 6, ${ }^{2,885}$ | 6,3,822 | 64,486 | 65,199 | 66,075 | 6,130 | 6.222 | 6,222 | 6,288 | 6,385 | 6,497 | 2,209 | 2,206 | 2,182 | 2,164 | 2,183 | 2205 | 16 |
| 3,241 | ${ }^{3.372}$ | 3,468 | 3,409 | 3,433 | ${ }^{3.699}$ | 617 | 678 | 750 | 704 | 727 | ${ }^{833}$ | 316 | 348 | 375 | 369 | 389 | 440 |  |
| 3655.392 | ${ }_{373,168}^{44,568}$ | 379,245 | ${ }_{384,168}^{455.56}$ | ${ }_{393,564}^{46626}$ | ${ }_{399.563}^{42,82}$ |  | ${ }_{5}^{63,929}$ | ${ }_{5}^{654,915}$ | ${ }_{55,693}^{65,95}$ | ¢6,955 | ${ }_{58,386}^{69,146}$ | ${ }^{21,593}$ | - | (16,145 | (16,190 | ${ }^{22,6,592}$ |  |  |
| 2.805 | $2{ }^{2,874}$ | 2,910 | 2,926 | ${ }^{2,9667}$ | ${ }^{3,088}$ | 583 | 611 | ${ }^{626}$ | ${ }_{701}^{625}$ | 619 | ${ }_{668}^{647}$ | ${ }_{712}^{152}$ | ${ }_{161}^{158}$ | 175 | ${ }^{155}$ | ${ }_{161} 16$ | ${ }_{179}^{168}$ | ${ }^{20}$ |
| ${ }^{\text {27,650 }}$ |  | ${ }_{\text {ck, }}^{\substack{16,34}}$ | ${ }_{28,909}^{16,509}$ | ${ }_{\text {28,359 }}$ | - | 4,677 | 4.880 | 4,754 | 4,995 | 4,843 | 5,003 | 1.649 | 1,587 | 1,549 | 1,523 | 1,490 | 1,483 | ${ }_{22}^{21}$ |
| 69,425 | 70.216 | ${ }^{71,382}$ | ${ }_{\text {ckin }}^{71,225}$ | 缼, | 74,305 | 8,684 | ${ }_{7}^{8,942}$ | 9,029 | 9,040 | 9,354 | ${ }_{\text {9,676 }} 966$ | ${ }^{1,718}$ | 1,7488 | 1,722 | 1,697 | +1,364 | 1.1805 | ${ }_{24}^{23}$ |
| ${ }_{29,618}$ | ${ }^{2} 8,988$ | ${ }_{29,916}$ | ${ }_{2}^{42,508}$ | 29.842 | 30.205 | ${ }_{1}^{1,702}$ | 1,768 | 1.815 | 1,815 | 1.781 | 1,809 | ${ }^{1246}$ | ${ }^{1497}$ | 500 | 511 | ,474 | +466 | 25 |
| - 3 3,9,98 | - 36,596 | -36,960 | cene | ${ }_{3,943}$ | ${ }^{37,926}$ | ${ }_{3}^{3,731}$ | 3,812 | 3,997 |  | 4 | 4,138 | 1.295 | ${ }^{1,3066}$ | ${ }^{1,3,322}$ | ${ }^{1,3,95}$ | 1,3882 <br> 1.948 | ${ }_{1}^{1,342}$ | ${ }_{27}^{26}$ |
| - 42,432 | ${ }_{43,357}^{28,}$ | ${ }_{43,702}^{28,68}$ | ${ }_{44,697}$ | ${ }_{45,38}$ | 4,7,79 | 6,985 | 7,194 | 7,188 | ${ }_{7}^{4,433}$ | 4,549 | 7,666 | 2.416 | 2.455 | 2.456 | 2.503 | 2.559 | 2.554 | ${ }_{28}$ |
| 29.682 | 30.971 | 31,190 | 31,178 | ${ }^{31,382}$ | ${ }^{32,375}$ | ${ }_{5}^{5,357}$ | 5.600 | 5.674 | 5.717 | 5.667 | 5.8866 | 1,105 | 1,123 | ${ }_{1}^{1,1,13}$ | ${ }^{1} 1,116$ | 1,100 | 1,124 | 29 |
| ${ }^{113.111}$ | 115.977 | ${ }^{119,3829}$ | ${ }^{121,1899}$ | - 12.85 | ${ }^{128.550}$ | 17.771 | ${ }^{18.306}$ | ${ }^{18.799}$ | 19,136 | 19,925 | 20.360 | +,056 | -6,123 | 6,131 | ${ }_{5}^{6,522}$ | ci, |  | ${ }_{31}^{30}$ |
| 13,22 | 13,245 | ${ }_{13,22}$ | 13, 249 | ${ }_{13,712}$ | ${ }_{13,708}$ | 1,995 | ${ }^{1,7857}$ | 1, 1,855 | ${ }_{\text {1,858 }}^{1,788}$ | 1,909 | 1.910 | 1,346 | 1,344 | 1,310 | 1,315 | 1,3,555 | 1,3,5920 | ${ }_{32}$ |
| 6,432 50,219 | (6,459 |  | \% $\begin{array}{r}6,407 \\ 51,744\end{array}$ | - $\begin{array}{r}6,505 \\ 52,427\end{array}$ | 6.505 <br> 50,045 | 789 7,466 | 7,3838 | 7,562 | 7,5468 | \% <br> 8.817 | 8,030 | $\begin{array}{r}\text { 562 } \\ \hline 3,675 \\ \hline\end{array}$ | $\begin{array}{r}\text { 366 } \\ \hline \text { 3,675 }\end{array}$ | $\begin{array}{r}\text { 3,750 } \\ \hline\end{array}$ | 3,735 | 3,783 | 3,864 | ${ }_{34}$ |



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


[^59][^60]3. Includes the capital consumption adjustment for rental income of persons.
and Earnings by Industry, 1996:I-1997:II-Continued adjusted at annual rates]

| Wyoming |  |  |  |  |  | Far West |  |  |  |  |  | Alaska |  |  |  |  |  | Line |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996 |  |  |  | 1997 |  | 1996 |  |  |  | 1997 |  | 1996 |  |  |  | 997 |  |  |
| I | $1{ }^{\text {r }}$ | IIIr | Wr | $1 \cdot$ | IIP | r | "r | IIIr | IV. | I | \#1p | ${ }^{\text {ir }}$ | "r | IIIr | Nr | $\stackrel{ }{ }$ | $11{ }^{\text {P }}$ |  |
| $\begin{aligned} & 10,177 \\ & 10,174 \\ & \hline 25 \\ & \hline 24 \end{aligned}$ | +10,354 | 10,453 10,394 59 | 10,501 10,433 68 | $\left.\begin{aligned} & 10,781 \\ & 10,711 \\ & 10 \end{aligned} \right\rvert\,$ | $\begin{aligned} & 10,841 \\ & 10,789 \\ & 10,73 \end{aligned}$ | $\begin{aligned} & 1,082,284 \\ & 1,073,687 \\ & 9,2025 \\ & \hline \end{aligned}$ | $\left.\begin{array}{\|l\|l\|} 1,101,474 \\ 1,01,532 \\ 9,951 \end{array} \right\rvert\,$ |  | $\begin{aligned} & 1,31,570 \\ & 1,12,756 \\ & 10,6514 \end{aligned}$ |  | $\begin{gathered} 1,169,511 \\ 1,158,054 \\ 11,457 \\ 11,45 \end{gathered}$ | $\begin{array}{r}14,731 \\ 14,722 \\ \hline\end{array}$ | $\left.\begin{aligned} & 14,789 \\ & 14,780 \\ & 9 \end{aligned} \right\rvert\,$ | $\begin{array}{r} 14,826 \\ 14,87 \\ \hline 9 \end{array}$ | 14,894 14,886 9 | 15,047 15,038 9 | $\begin{array}{r}15,257 \\ 15,248 \\ \hline 10\end{array}$ | $\frac{1}{3}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6,768 | ${ }_{6}^{6,916}$ | ${ }^{6,989}$ | ${ }^{6,992}$ | 7,203 | 7,213 | 764,309 | 780,104 | 789,428 | ${ }^{802,661} 5$ | ${ }_{5}^{817,566}$ | 830,369 56,399 | ${ }^{11.614} 781$ | ${ }^{11,597}{ }^{781}$ | ${ }^{11,567}$ | ${ }^{11,5688}$ | ${ }^{11,683}$ | ${ }^{11,768} 7$ | ${ }_{5}^{4}$ |
| ${ }_{6} \cdot \underline{-17}$ | ${ }_{6}{ }^{-1816}$ | ${ }_{6} \mathbf{- 1 8 6}$ | - 6 -491 | ${ }^{-21}$ | -1992 | ${ }^{-1.1075}$ | -2.032 | -2.057 | -2,111 | -2, | ${ }_{-2,198}$ | -760 | -7588 | -756 | -753 | -756 | -770 | ${ }_{7}$ |
| 2,292 | ene | ${ }_{2,3,318}^{6,48}$ | ${ }_{2}^{6,331}$ | ${ }_{2,387}^{6,68}$ | ${ }_{2,417}^{6,917}$ | ${ }^{202,447}$ | 204,230 | 208, 295 | 210,319 | 214,517 | $\xrightarrow{217,885}$ | - | - | ${ }^{1}$ | -10,160 | ${ }_{2}^{10,067}$ | - | 8 |
| 1,616 | 1,643 | 1,660 | 1,679 | 1,7151 | 1,731 | 170.411 | 172,332 | 173.530 | ${ }^{175,148}$ | 179,166 | ${ }^{280,594}$ | 2,563 | 2,700 | ${ }_{2}, 717$ | 2,749 | 2,820 | 2,856 | 9 |
| 1,585 | 1,610 | ${ }_{1,628}$ | 1.645 | 1,684 | 1,700 | 166,540 | 167,667 | 169,933 | 170,593 | 774,555 | ${ }^{176,423}$ | 2,548 | 2,595 | 2,629 | 2,659 | 2,717 | 2.740 | ${ }_{11}$ |
| 5,269 | 5,403 | 5.472 | 5,476 | 5,668 | 5.675 | 593,734 | 606,923 | 615,490 | 627.063 | 639.982 | 650,063 | 9,278 | 9.264 | 9,250 | 9.259 | 9.292 | 9.424 |  |
| ${ }_{934}^{534}$ | ${ }_{948}$ | ${ }_{939}$ | ${ }_{952}$ | ${ }_{956}$ | ${ }_{962}$ | 105,516 | 107,483 | 108,164 | - | ${ }^{110,641}$ | ${ }^{112,744}$ | 1,308 | 1,321 | ${ }_{1,3,36}^{1,006}$ | 1,397 | 1,328 | ${ }^{1,346}$ | 14 |
| ${ }_{952}^{-18}$ | 954 | -11 | ${ }_{955}$ | 957 | 961 | - $\begin{array}{r}\text { 301,599 }\end{array}$ | 102,689 | 100,645 | - 104,1114 | +4,840 | 507,705 1039 | 1,394 | 1,317 | 1,311 | 1,312 | 1,323 | 1,342 | ${ }_{16}^{15}$ |
|  |  |  |  | 71 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{6}^{6,705}$ | ci, 6.522 |  | ${ }_{6}^{6,924}$ | 7,132 | ${ }_{5}^{7,140}$ | 765,103 | 70, 70.153 | ${ }^{7} 78.88 .832$ | 791,877 | ${ }^{887,003}$ | ${ }^{811,9,912}$ | ${ }^{11,603}$ | ${ }^{11,589}$ | ${ }_{8}^{11,558}$ | ${ }_{11,569}^{11,59}$ | 11.594 | 11,758 | ${ }^{18}$ |
| 5,104 | 5,248 | 5,300 | 5,309 | 5,516 | 5,519 |  | ${ }_{8,453}^{64,488}$ | 85,462 | c6, 6 ¢503 | ${ }_{8}^{6} 1777$ | 9,050 | ${ }^{8} 26$ | ${ }_{2} 27$ | ${ }^{230}$ | ${ }^{2} 21$ | ${ }^{245}$ | 254 | 20 |
| 1,016 | 1,029 | 1,018 | 1,025 | , 0.62 | 1,075 | 4.164 | 4 | 4.4027 | ${ }^{4.0,19}$ | ${ }^{4.0,43}$ | 4.081 | 958 | 897 | 86 | 888 | 815 | 874 | ${ }_{22}^{21}$ |
| 384 | ${ }_{395}$ | 395 | 391 | 392 | 390 | 114,874 | 117,878 | ${ }^{1818,241}$ | ${ }^{121,369}$ | ${ }^{122,367}$ | 125,033 | 608 | 621 | 591 | 602 | 602 | 616 |  |
| 153 230 | 160 <br> 235 | 165 <br> 230 <br> 230 | $\stackrel{158}{128}$ | 157 <br>  <br>  <br>  <br> 25 | ${ }_{2}^{154}$ |  |  |  | ¢ |  |  | ${ }_{414}^{193}$ | ${ }_{432}^{189}$ | ${ }_{4}^{174}$ | ${ }_{4}^{168}$ | 183 419 | ${ }_{433}^{183}$ | ${ }_{25}^{24}$ |
| 621 | 679 | 677 | 659 | 782 | 773 | $4{ }^{4.0993}$ | 49.970 | 5 | 50,167 | 51,414 | ${ }^{5} 51.979$ | 7,1899 | 1,1313 | 1,141 | 1,140 | 1,156 | 1,2099 | 26 |
| ${ }_{700}^{229}$ | - | 248 717 | ${ }_{733}^{24}$ | ${ }_{736}^{246}$ | ${ }_{737}^{24}$ | ${ }_{7}^{46,717}$ | ${ }_{73,027}^{4,323}$ | ${ }_{73,342}^{4,940}$ | ${ }^{45,0666}$ | ${ }^{4} 75.9590$ |  | +1.105 | -1,125 |  | - | -1,130 | ${ }^{1} 1.1545$ | ${ }_{28}^{27}$ |
| 305 | 312 | 324 | ${ }^{336}$ | ${ }^{3489}$ | ${ }^{347}$ | 57.773 | 59.615 | 59,625 | 60,210 | 60,965 | ${ }_{62,533}$ | 440 | 453 | ${ }^{464}$ | 463 | 436 | 447 | ${ }^{29}$ |
| - 1,681 | 1,604 | 1,621 | 1,6,615 | 1,621 | ${ }_{1}^{1,629}$ | 119,900 | ${ }_{121,695}^{24,38}$ | 123,439 | - | 126,352 |  | cose | 3,486 | c, 3,48 | 3,437 | 3,479 | ${ }_{3,450}^{2,45}$ |  |
| ${ }_{129} 29$ | 1294 | ${ }^{285}$ | ${ }^{282}$ | ${ }_{138}^{293}$ | 294 |  | 20,056 | 19,9966 | (19,909 | ${ }^{20,3593}$ | ${ }^{20,3666}$ | 774 | 773 | ${ }_{7} 768$ | 755 | 783 | ${ }_{786}^{786}$ | 32 |
| 1,166 | 1,173 | 1,197 | 1,200 | 1,192 | 1,198 | 89,948 | 90,864 | 92,845 | 93,910 | 95, 136 | ${ }_{96,265}$ | 2,061 | 2,071 | 2,049 | 2,052 | 2,063 | 2.047 | 34 |


4. Includes the inventory valuation and capital consumption adjustments.
5. "Other" consists of the wage and salary disbursements to U.S. residents employed by international organiza-
tions and foreign embassies and consulates in the United States.
NoTE.-The personal income fevel shown for the United States is derived as the sum of the State estimates; differs from the national income and product accounts (NIPA) estimate of personal income because, by definition, obroad temporarily by private U.S. firms. It can also differ fom the NPA estimate and of U.S. residenis employed and revision schedules.

## Errata

## State Personal Income by Major Source and Earnings by Industry

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

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

| Line | Item | Calitornia |  | Line | ltem | California |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1995 r | $1996{ }^{\text {r }}$ |  |  | $1995{ }^{\text {r }}$ | $1996{ }^{\text {r }}$ |
| 9 | Derivation of Total Personal income | $\begin{array}{r} 764,435 \\ 31,565 \\ 24,217 \end{array}$ | $\begin{array}{r} 807,975 \\ 31,878 \\ 25,346 \end{array}$ | $\begin{aligned} & 41 \\ & 42 \\ & 43 \\ & 44 \\ & 45 \\ & 46 \\ & 47 \end{aligned}$ | Food and kindred products $\qquad$ <br> Tobacco products $\qquad$ | 6,190 | 6,487 |
|  |  |  |  |  |  |  | 2 |
|  |  |  |  |  | Textile mill products .................................................................................................................... |  | 572 |
|  |  |  |  |  | Apparel and other textile products ......................................................................................................... | 3,375 | 3,593 |
|  |  |  |  |  | Paper and allied products ............ | 1,736 | 1,775 |
|  |  |  |  |  | Printing and publishing ... | 6,636 | 6,905 |
|  | Earnings by place of work (line 10-14 or 15-85) ......................................................... | 541,103 |  |  | Chemicals and allied products ............................................................................................. | 3,747 | 3,804 |
|  | Less: Personal contributions for social insurance ${ }^{4}$.................................................................................... | 37,257 | 570,329 38,767 | 48 | Petroleum and coal products ............................................................... | 1.808 | 1,822 |
|  | Plus: Adjustment for residence ${ }^{\text {s }}$.................................................................... | 503,122 | -728 | $\begin{aligned} & 49 \\ & 50 \end{aligned}$ | Rubber and miscellaneous plastics products ................................... | 2,342 | 2,477 |
|  | Equals: Net earnings by place of residence ............................................................................................................... |  | 530,834 | 50 | Leather and leather products ..................................................... | 153 | 155 |
|  | Plus: Dividends, interest, and rent ${ }^{6}$........................................................................... | 142,004 | 125,620 |  | Transportation and public utilities ....................................................... | 33,947 | 35,211789 |
|  | Plus: Transter payments ......................................................................................... | 119,309 |  |  |  |  |  |
|  |  |  |  | 53 | Trucking and warehousing | 7,288 | 6,533 |
|  | Camings by Place of Work |  |  | 54 | Water transportation | 1,197 | 1,248 |
|  | Components of earnings: | 414,941 | 440,733 | 55 | Other transportation .................................................................... | 8,276 | 9,466 |
| 10 | Wage and salary disbursements |  |  | 56 | Communications | 9,798 | 10,339 |
| 11 | Other labor income. | 48,140 | 48,203 | 57 | Electric, gas, and sanitary services | 6,608 | 6,834 |
| 12 | Proprietors' income ${ }^{7}$ | 78,022 | 81,393 |  |  |  |  |
| 13 | Farm | 3,061 | 3,493 | 58 | Wholesale trade ................................................................. | 33,472 | 35,216 |
| 14 | Nontarm | 74,961 | 77,900 | $\begin{aligned} & 59 \\ & 60 \\ & 61 \\ & 62 \end{aligned}$ |  | 50,207 | 51,556 |
|  |  |  |  |  | Finance, insurance, and real estate $\qquad$ Depository and nondepository institutions $\qquad$ | 42,88911,199 | 45,560 |
|  | Earnings by Industry |  |  |  |  |  | 12,242 |
| 15 | Farm ........................................................ | 6.566 | 7,419 |  | Other finance, insurance, and real estate ........................................... | 31,690 | 33,318 |
| 16 | Nonfarm | 534,537 | 562,909 |  |  |  | 185,394 |
| 17 | Private ............................................................................................... | 451,009 | 477,959 | 63 | Services ............................................................................................................. | 171,613 |  |
| 18 | Agricultural services, forestry, fishing, and other ${ }^{8}$.................................. | 5,616 | 6,072 | 64 | Hotels and other lodging places .................................................... | 4,233 | 4,474 |
| 19 | Agricultural services ................................................................... | 5.433 | 5,871 | 6566 | Personal services ....................................................................... | 5,278 | 5,436 |
| 20 | Forestry, fishing, and other ${ }^{8}$. | 183 | 201 |  | Private households ....................................................................... | 2,277 | 2,20843,815 |
| 21 | ining ......... | 2,054 | 2,064 | 68 |  | 37,398 |  |
| 22 | Metal mining | 152 | 157 |  | Auto repair, services, and parking .................................................. | 5,382 | 5,737 |
| 23 | Coal mining | 59 | 59 | 69 | Miscellaneous repair services | 2,393 | 2,534 |
| 24 | Oil and gas extraction | 1,506 | 1,496 | 70 | Amusement and recreation services | 7.125 | 7,705 |
| 25 | Nonmetalic minerals, except fuels | 336 | 351 | 71 | Motion picures | 10,717 | 12,338 |
| 26 | Construction. | 27,077 | 28,043 | 72 | Health services $\qquad$ Legal services | 41,69512,995 | 43,015 |
|  |  |  |  |  |  |  |  |
| 27 | Manufacturing | $\begin{aligned} & 84,134 \\ & 57,620 \end{aligned}$ | 88,84561,253 | 74 | Educational services .................................................................... | 5,406 | 5,786 |
| 28 | Durable goods |  |  | 75 | Social services .......................................................................... | 4,688 | 4,854 |
| 29 | Lumber and wood products. | 1,415 | 1,8681,529 | 76 | Museums, botanical, zoological gardens ............................................ | $\begin{array}{r}204 \\ 4,580 \\ \hline\end{array}$ | 2374,71926,1263,099 |
| 30 | Furniture and fixtures ................................................................ |  |  |  | Membership organizations ............................................................ |  |  |
| 31 | Stone, clay, and glass products ........................................................ | 1,995 | 2,0001,619 | 7879 | Engineering and management services ............................................... | 24,4262,815 |  |
| 32 | Primary metal industries ............................................................ | 1,462 <br> 4.864 |  |  | Miscellaneous services ................................................................ |  |  |
| 33 | Fabricated metal products ....................................................................... | $\begin{array}{r}1,864 \\ 12,008 \\ \\ \hline 1\end{array}$ | 5,10212995 | $\begin{aligned} & 80 \\ & 81 \\ & 82 \\ & 83 \\ & 84 \\ & 85 \end{aligned}$ | Government and government enterprises $\qquad$ <br> Federal, civilian $\qquad$ <br> Miitary $\qquad$ <br> State and local $\qquad$ State <br> Local $\qquad$ |  |  |
| 34 | Industrial machinery and equipment ................................................. |  |  |  |  | $\begin{array}{r} 81,529 \\ 13,200 \\ 6,418 \\ 63,912 \\ 16,248 \\ 47,664 \end{array}$ | $\begin{array}{r} 84,950 \\ 12,98 \\ 6,158 \\ 65,824 \\ 16,220 \\ 49,604 \end{array}$ |
| 35 | Electronic and other electric equipment .......................................... | 12,385 | 13,742 |  |  |  |  |
| 37 | Motor vehicles and equipment | 1,694 | 1,736 |  |  |  |  |
| 37 | Other transportation equipment | 8,276 | 8,085 |  |  |  |  |
| 38 | Instruments and related products | 10,246 | 10,958 |  |  |  |  |
| 39 | Miscellaneous manufacturing industries ......................................... | 1,521 | 1,619 |  |  |  |  |
| 40 | Nondurable goods ........................................................................... | 26,502 | 27,592 |  |  |  |  |
| ${ }^{\text {D }}$ Data are suppressed in order to avoid the disclosure of confidential information; estimates are included in totals. <br> 1. The industry classification uses the 1987 Standard Industrial Classification (SIC). <br> 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. <br> 3. Per capita personal income was computed using midyear population estimates of the Bureau of the Census. See footnote 2. <br> 4. Personal contributions for social insurance are included in eamings by type and industry but excluded from <br> personal income. <br> 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: Eamings 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. <br> 6. Includes the capital consumption adjustment for rental income of persons. <br> 7. Includes the inventory valuation and capital consumption adjustments. <br> 8. "Other" consists of the wage and salary disbursements of U.S. residents employed by international organizations and foreign embassies and consulates in the United States. |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## STATE PERSONAL INCOME CD-ROM

## Income and Employment Estimates for 1958-96 for All States

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

- Personal income by major source
- Per capita personal income
- Estimates of gross state product, 1977-1994
- By two-digit Standard Industrial Classification (SIC):


## Earnings

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)

A description of the sources and methods used to produce the personal income estimates is also provided. The CD-ROM includes Windows software that allows the user to display, print, or export to disk one or more of the standard tables from the personal income and employment series. All of the information listed above is accessible using the included software. The software contains context-sensitive help and runs under Windows version 3.1 or greater.

## Ordering Information

Send check for $\$ 35$ payable to "Bureau of Economic Analysis" to the PIO Order Desk, BE-53, Washington, DC 20230. Please include your return address and phone number and specify item number RCN-0128. For further information or to place an order using MasterCard or VISA, call (800) 704-0415.

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- projections to 2045 of personal income, employment, and population by state, by metropolitan area, and by BEA economic area

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# BEA CURRENTAND HISTORICALDATA 

## 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](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](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](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; $[\mathrm{Q}]$ quarterly estimates only; [QA] quarterly and annual estimates; [MA] monthly and annual estimates.

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## National Data

## A. Selected NIPA Tables

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

The selected set of NIPA tables shown in this section presents quarterly estimates, which are updated monthly. In most tables, the annual estimates are also shown. Most of the "annual only" nipa tables were presented in the August 1997 Survey of Current Business; tables $8.20-8.26$ were presented in the September 1997 Survey, and the remaining "annual only" tables-tables 3.15-3.20 and 9.1-9.6-were presented in the October 1997 Survey.

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

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

## 1. National Product and Income



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

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

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | II | III | IV | 1 | 11 | III |
| Gross domestic product | $\left.\begin{array}{r} 6,742.1 \\ 4,595.3 \\ 583.6 \\ 1,426.6 \\ 2,599.6 \end{array} \right\rvert\,$ | 6,928.4 | 6,926.0 | 6,943.8 | 7,017.4 | 7,101.6 | 7,159.6 | 7,221.8 |
| Personal consumption expenditures $\qquad$ |  | 4,714.1 | 4,712.2 | 4,718.2 | 4,756.4 | 4,818.1 | $\|4,829,4\|$ | 4,897.1 |
| Durable goods $\qquad$ <br> Nondurable goods $\qquad$ |  | 611.1 $1,432.3$ | 614.8 | 611.9 | 617.1 | \|r 6 637.8 | 1,450.0 | $\begin{array}{r} 653.8 \\ 1,466.8 \end{array}$ |
| Services ................................. |  | 2,671.0 | 2,666.5 | 2,672.8 | 2,698.2 | 2,723.9 | 2,749.8 | 2,777.8 |
|  |  |  |  |  |  |  |  |  |
| Fixed investment Nonresidential | 962.1 | 1,041.7 771 | 1,035.7 759 | $1,060.9$ <br> 789.3 <br> 1 | 1,088.7 | $1,079.0$ <br> 08.9 | 1,111.4 | $1,148.6$ 873.7 |
| Structures $\qquad$ Producers' durable | 179.9 | 188.7 | 185.6 | 190.0 | 196.9 | 195.9 | 193.5 | 198.2 |
| equipment ........ | 528.3 | 586.0 | 577.1 | 602.9 | 606.7 | 616.6 | 649.3 | 682.6 |
| Residential ..................... | 257.0 | 272.1 | 277.2 | 274.1 | 271.1 | 273.3 | 278.2 | 280.2 |
| Change in business inventories $\qquad$ | 27.3 | 25.0 | 21.3 | 37.9 | 32.9 | 63.7 | 77.6 | 51.5 |
| Net exports of goods and services $\qquad$ | -98.8 | -114.4 | -112.6 | -138.9 | -105.6 | -126.3 | -136.6 | -160.0 |
| Exports | 791.2 | 857.0 | 847.4 | 851.4 | 901.1 | 922.7 | 962.5 | 975.7 |
| Goods .......................... | 573.9 | 628.4 | 619.2 | 623.0 | 666.2 | 686.2 | 725.8 | 735.7 |
| Services | 218.0 | 229.9 | 229.3 | 229.4 | 236.8 | 238.9 | 240.8 | 244.1 |
| Imports | 89.1 | 971.5 | 960.0 | 990.2 | 1,006.6 | 1,048.9 | 1,099.1 | 1,135.6 |
| Goods | 749.2 | 823.1 | 814.7 | 841.7 | 857.5 | 891.3 | 938.4 | 972.7 |
| Services | 141.2 | 149.0 | 148.8 | 149.3 | 150.0 | 158.4 | 161.8 | 164.5 |
|  |  |  |  |  |  |  |  |  |
| Federal | 470.3 | 464.2 | 470.7 | 465.7 | 459.6 | 452.8 | 460.1 | 458.8 |
| National defense | 322.6 | 317.8 | 323.2 | 319.4 | 313.6 | 303.9 | 309.4 | 310.2 |
| Nondefense | 147.5 | 146.1 | 147.2 | 146.0 | 145.7 | 148.5 | 150.2 | 148.1 |
| State and local .................... | 781.6 | 793.7 | 794.4 | 795.9 | 802.3 | 807.7 | 810.1 | 814.5 |
| Residual .................................. | . 6 | -1.6 | -. 9 | -2.4 | -3.8 | -2.9 | -3.9 | -4.5 |

NOTE.-Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-doliar 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 iterms in this table are shown in table 8.1; contributions to
he percent change in real gross domestic product are shown in table B.2

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

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | 11 | III | IV |  | II | III |
| Gross domestic prod | 7,265.4 | 7,636.0 | 7,607.7 | 7,676.0 | 7,792.9 | 7,933.6 | 8,034.3 | 8,131.7 |
| Final sales of domestic product | 7,235.3 | 7,610.2 | 7,584.3 | 7,638.9 | 7,761.0 | 7,867.4 | 7,953.2 | 8,078.7 |
| Change in business inventories $\qquad$ | 30.1 | 25.9 | 23.4 | 37.1 | 31.9 | 66.1 | 81.1 | 53.0 |
| Goods | 2,667.9 | 2,785.2 | 2,782.7 | 2,797.8 | 2,826.9 | 2,904.6 | 2,936.0 | 2,958.9 |
| Final sales | 2,637.8 | 2,759.3 | 2,759.3 | 2,760.7 | 2,795.0 | 2,838.4 | 2,854.9 | 2,905.9 |
| Change in business inventories $\qquad$ |  | 25.9 | 23.4 | 37.1 | 31.9 | 66.1 | 81.1 | 53.0 |
| Durable goods | 1,163.0 | 1,228.9 | 1,232.9 | 1,249.5 | 1,232.4 | 1,279.8 | 1,322.1 | 1,328.5 |
| Final sales ..... | 1,133.9 | 1,212.0 | 1,214.8 | 1,216.3 | 1,233.5 | 1,248.0 | 1,275.3 |  |
| Change in business inventories $\qquad$ | 29.1 16.9 18.1 33.3 -1.1 31.8 46.8 24.8 |  |  |  |  |  |  |  |
| Nondurable goods. | 1,504.9 | 1,556.3 | 1,549.9 | 1,544.4 | 1,594.5 | $1,624.7$ $1,590.4$ | $\left\|\begin{array}{\|c\|c\|c\|} 1,579 \\ 1.6 \end{array}\right\|$ | 1,630.4 |
| Final sales $\qquad$ Change in business inventories $\qquad$ | $\left\|\begin{array}{r} 1,003.9 \\ 1,503.9 \\ 1.0 \\ 3,980.7 \end{array}\right\|$ | $\left\lvert\, \begin{array}{r} 1,547.3 \\ 9.0 \end{array}\right.$ | $\left\lvert\, \begin{array}{r} 1,544.5 \\ 5.3 \end{array}\right.$ | $\begin{array}{r} 1,544.4 \\ 3.9 \end{array}$ | $\begin{array}{r} 1,561.5 \\ 33.0 \end{array}$ | 1,590.4 | $\begin{array}{r} 1,579.6 \\ 34.4 \end{array}$ | $1,602.1$ 28.3 |
| Services |  | $\begin{array}{r} 9.0 \\ 4,187.3 \end{array}$ | $\begin{array}{r} 5.3 \\ 4,162.2 \end{array}$ | $\begin{array}{r} 3.9 \\ 4,208.1 \end{array}$ | $\begin{array}{r} 33.0 \\ 4,282.7 \end{array}$ | $\begin{array}{r} 34.3 \\ 4,338.2 \end{array}$ | $\left\lvert\, \begin{array}{r} 34.4 \\ 4,400.1 \end{array}\right.$ | 28.3 $4,461.4$ |
| Structures. | $\begin{array}{r} 616.8 \\ 273.5 \\ 6,991.9 \end{array}$ | $\left\|\begin{array}{r} 663.6 \\ 271.4 \\ 7,364.7 \end{array}\right\|$ | $\begin{array}{r} 662.8 \\ 283.5 \\ 7,324.2 \end{array}$ | $\begin{array}{r} 670.1 \\ 278.7 \\ 7,397.3 \end{array}$ | $\left.\left\lvert\, \begin{array}{r} 683.3 \\ 267.2 \\ 7,525.8 \end{array}\right.\right]$ | $\left.\begin{array}{r} 690.8 \\ 281.4 \\ 7,652.2 \end{array} \right\rvert\,$ | $\begin{array}{r} 698.2 \\ 270.4 \\ 7,764.0 \end{array}$ | 711.4 |
| Addenda: |  |  |  |  |  |  |  |  |
| Motor vehicle output .... |  |  |  |  |  |  |  | 286.6 |
| Gross domestic product less motor vehicle output ........... |  |  |  |  |  |  |  | 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 $\qquad$ | 818.4 | 870.9 | 865.0 | 863.7 | 904.6 | 922.2 | 960.3 | 968.9 |
| Plus: Imports of goods and services $\qquad$ | 904.5 | 965.7 | 958.7 | 977.6 | 993.2 | 1,021.0 | 1,049.0 | 1,076.3 |
| Equals: Gross domestic purchases $\qquad$ | 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 $\qquad$ | 30.1 | 25.9 | 23.4 | 37.1 | 31.9 | 66.1 | 81.1 | 53.0 |
| Equals: Final sales to domestic purchasers $\qquad$ | 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 | 6,660.5 | 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 | . 3 |
| Nonfarm le | 5,372.0 | 5,652.8 | 5,636.3 | 5,677.3 | 5,777.1 | 5,892.5 | 5,971.0 | ,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. | 5.3 |
| Households and institutions | 331.8 | 346.0 | 343.9 | 347.9 | 352. | 357.7 | 363. | 369.3 |
| Private house | 11.8 | 11.5 | 11.6 | 11.4 | 11.1 | 11. | 11.3 | 11.4 |
| Nonprofit institutions | 319.9 | 334.6 | 332.3 | 336.6 | 341 | 346.6 | 352.3 | 357.8 |
| General government ${ }^{2}$. | 858 | 889.0 | 886. | 893.9 | 897. | 909 | 915 | 922.8 |
| Federal | 275.5 | 281.4 | 281.9 | 282.1 | 281.1 | 286.2 | 286.2 | 285.9 |
| State and local | 583.4 | 607.6 | 604.2 | 611.8 | 616.7 | 623.3 | 629 | 636.9 |

1. Gross domestic business product equals gross domestic product less gross product of households and institutions and of general government. Nonfarm product equals gross domestic business product less gross farm product. 2. Equals compensation of general govemment 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 [Bililions of chained (1992) dollars]

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | II | III | IV | 1 | 11 | III |
| Gross domestic product | $6,742.1$$6,712.7$ | 6,928.4 | 6,926.0 | 6,943.8 <br> 6,905.0 | $\left.\begin{array}{\|c} 7,017.4 \\ 6,981.7 \end{array}\right]$ | $\begin{aligned} & 7,101.6 \\ & 7,034.1 \end{aligned}$ | 7,159.6 | 7,221.8 |
| Final sales of domestic product $\qquad$ |  | 6,901.0 | 6,902.3 |  |  |  | 7,077 | 7,164.0 |
| Change in business inventories $\qquad$ | 6,712.7 | 25.0 | 21.3 | 37.9 |  | 63.7 | 77.6 | 51.5 |
| Residual .......... | . | 2.4 | 2.4 | . 9 | 2.8 | 3.8 | 4.3 | 6.3 |
| Goods | 2,574.2 | 2,662.6 | 2,658.8 | 2,673.1 | 2,704.1 | 2,769.3 | 2,796.7 | 2,822.6 |
| Final sales $\qquad$ Change in business inventories $\qquad$ | $2,545.0$ 27.3 | $2,635.5$ 25.0 | $2,635.5$ <br> 21.3 | 2,634.0 | 2,668.4 | 2,699.6 | 2,711.8 | $2,763.6$ 51.5 |
| Durable goods | $\left\|\begin{array}{l} 1,152.3 \\ 1,124.3 \end{array}\right\|$ | $\begin{aligned} & 1,222.1 \\ & 1,205.8 \end{aligned}$ | $\left\|\begin{array}{l} 1,227.3 \\ 1,210.0 \end{array}\right\|$ | $\begin{aligned} & 1,244.0 \\ & 1,211.4 \end{aligned}$ | $\mid, 228.5$ | $\left\lvert\, \begin{aligned} & 1,277.0 \\ & 1,245.8 \end{aligned}\right.$ | $\begin{array}{\|l\|} 1,327.5 \\ 1,281.4 \end{array}$ | $\left\{\begin{array}{l} 1,343.5 \\ 1,319.2 \end{array}\right.$ |
| Final sales |  |  |  |  |  |  |  |  |
| Change in business inventories $\qquad$ | $27.3$ | $15.9$ | $17.0$ | -21.4 | \|, | $29.9$ | $43.8 \quad 23.3$ |  |
| Nondurable goods ................. | $\left\|\begin{array}{l} 1,423.4 \\ 1,421.9 \end{array}\right\|$ | $\begin{aligned} & 1,443.7 \\ & 1,433.2 \end{aligned}$ | $\left\|\begin{array}{l} 1,435.1 \\ 1,429.3 \end{array}\right\|$ | $\left\|\begin{array}{l} 1,433.5 \\ 1,426.5 \end{array}\right\|$ | $\left\|\begin{array}{l} 1,477.9 \\ 1,442.6 \end{array}\right\|$ | $\begin{array}{r} 1,496.1 \\ 1,458.3 \end{array}$ | $\left\|\begin{array}{l} 1,476.2 \\ 1,437.5 \end{array}\right\|$ | $\left\{\begin{array}{l} 1,486.6 \\ 1,452.8 \end{array}\right.$ |
| Final sales $\qquad$ Change in business inventories $\qquad$ |  | $\begin{array}{r\|r} 9.1 \\ 7 & 3,686.6 \end{array}$ |  |  |  | 33.8 | 33.8 | 28.23,804.3 |
| Services | $\left\|\begin{array}{r} 3,614.7 \\ 555.0 \end{array}\right\|$ |  | 3,684.9 | 3,689.0 | 3,723.9 | 3,743.9 | 3,774,4 |  |
| Structures ............................. |  | 582.2 | 584.9 | 585.0 | 592.9 | 595.1 | 595.7 | 602.1 |
| Residual. | $\begin{array}{r} -.9 \\ 247.5 \\ 6,494.3 \\ \hline \end{array}$ | $\begin{array}{r} -4.4 \\ 241.3 \\ 6,687.1 \end{array}$ | $\begin{array}{r} -4.4 \\ 252.8 \\ 6,672.9 \end{array}$ | $\left.\begin{array}{r} -6.0 \\ 246.8 \\ 6,696.8 \end{array} \right\rvert\,$ | $\begin{array}{r} -5.0 \\ 236.5 \\ 6,781.0 \end{array}$ | $\begin{array}{r} -5.2 \\ 247.5 \\ 6,854.1 \end{array}$ | $\begin{array}{r} -7.0 \\ 240.6 \\ 6,919.1 \end{array}$ | -8.1253.7$6,968.1$ |
| Addenda: |  |  |  |  |  |  |  |  |
| Gross domestic product less.... |  |  |  |  |  |  |  |  |
| motor vehicle output ........... |  |  |  |  |  |  |  |  |

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.

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 | 75.7 |
| Plus: Imports of goods and services $\qquad$ | 890.1 | 971 | 960.0 | 990.2 | 1,006.6 | 1,048.9 | 1,099.1 | 1,135.6 |
| Equals: Gross domestic purchases $\qquad$ | 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 $\qquad$ | 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 liems in this table are shown in table 8.1.

Table 1.8.-Real Gross Domestic Product by Sector
[Billions of chained (1992) dollars]

| Gross domestic product | 6,742.1 | 6,928. | 6,926. | 6,943.8 | 7,017, | ,101.0 | 7,159.6 | 21.8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Business ${ }^{1}$............................ | 5,657.4 | 5,842.9 | 5,838.1 | 5,854.9 | 5,928.5 | 6,009.6 | 6,064.4 | 6,122.4 |
| Nonfarm 1 | 5,582.7 | 5,766.8 | 5,761.3 | 5,779.8 | 5,853.3 | 5,929.7 | 5,98 |  |
| Nonfarm less housing | 5,005.7 | 5,181.4 |  | 5,191.3 | 5,26 |  |  | . 6 |
| Housing .................... | 577.0 |  | 582. |  | 592 | 594.9 | 5. | 595.7 |
| rm | 2 | 75.5 | 76.2 | 74.6 | 74.7 | 79.0 | 0.4 | 3 |
| Households and institutions ... | 305.1 | 311.2 | 310.4 | 312.5 | 314.4 | 316.9 | 19. | 21.9 |
| Private housenolds | 10.8 | 10.1 | 10.3 | 10.0 | 9.6 | 9.6 | 9.6 | 9.7 |
| Nonprofiti 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. | 778.8 | 780.7 |
| Federal | 248.1 | 240.9 | 242.8 | 241.3 | 238.9 | 238. | 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 |  | -3.0 | -3.8 |

1. Gross domestic business product equals gross domestic product less gross product of households and institutions and of general government. Nontarm product equals gross domestic business product less gross farm product as shown in table 3.8 .
NOTE.-Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

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


Table 1.10.-Relation of Real Gross Domestic Product, Real Gross National Product, and Real Net National Product
[Billions of chained (1992) dollars]

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | II | III | IV | 1 | 11 | 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 $\qquad$ Less: Payments of factor income to the rest of the world $\qquad$ | 207.7 200.7 | 214.2 210.2 | 208.1 203.7 | 214.8 218.1 | 226.0 219.8 | 224.6 234.0 | 236.3 250.8 |  |
| Equals: Gross national product $\qquad$ | 6,748.7 | 6,932.0 | 6,930.1 | 6,940.2 | 7,023.1 | 7,091.8 | 7,144.4 |  |
| Less: Consumption of fixed capital $\qquad$ | 752.5 | 776.4 | 773.0 | 779.8 | 786.7 | 797.3 | 806.5 | 817.0 |
| Private ..................... | 619.6 | 642.4 | 639.1 | 645.7 | 652.2 | 662.6 | 671.5 | 681.8 |
| Government $\qquad$ General | 132.9 | 134.2 | 134.0 | 134.3 | 134.6 | 135.0 | 135.3 | 135.6 |
| government ....... | 113.4 | 114.1 | 114.0 | 114.2 | 114.4 | 114.6 | 114.8 | 115.0 |
| Government enterprises $\qquad$ | 19.5 | 20.0 | 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.6 |
| Equals: Net national product | 5,996.1 | 6,155.6 | 6,156.9 | 6,160.4 | 6,236.4 | 6,294.5 | 6,338.2 | ........... |
| Addenda: |  |  |  |  |  |  |  |  |
| Gross domestic income ${ }^{1}$....... | 6,768.2 | 6,982.7 | 6,971.8 | 7,015.7 | 7,070.9 | 7,159.2 | 7,225.2 |  |
| Gross national income ${ }^{2}$......... | 6,774.8 | 6,986.3 | 6,975.9 | 7,012.1 | 7,076.7 | 7,149.4 | 7,210.0 |  |
| Net domestic product ............ | 5,989.4 | 6,151.9 | 6,152.8 | 6,164.0 | 6,230.7 | 6,304.4 | 6,353.3 | 6,405.2 |

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

NoTE.-Except as noted and the product of 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

Less: Exports of goods and services and receipts of factor income from the rest of the world.
Plus: Command-basis exports of goods and services and receipts of factor income ${ }^{1}$
Equals: Command-basis gross national product

## Addendum:

Terms of trade ${ }^{2}$


1. Exports of goods and services and receipts of factor income defiated by the implicit price deflator for imports of goods and services and payments of factor nocome.
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 chaintype quantity ndexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.
Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 1.14.-National Income by Type of Income [Billions of dollars]

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | 11 | Ill | IV | 1 | II | III |
| National income .. | 5,912.3 | 6,254.5 | 6,229.4 | 6,303,3 | 6,376.5 | 6,510.0 | 6,599.0 |  |
| Compensation of employees ... | 4,215.4 | 4,426.9 | 4,403.9 | 4,461.0 | 4,520.7 | 4,606.3 | 4,663.4 | 4,725.4 |
| Wage and salary accruals ..... | 3,442.6 | 3,633.6 | 3,612.3 | 3,664.0 | 3,718.0 | 3,792.7 | 3,842.7 | 3,897.2 |
| Government ...................... | 623.0 | 642.6 | 640.3 | 645.5 | 648.9 | 657.8 | 662.0 | 667.4 |
| Other ............................. | 2,819.6 | 2,991.0 | 2,972.0 | 3,018.4 | 3,069.0 | 3,134.9 | 3,180.8 | 3,229.8 |
| Supplements to wages and |  |  |  |  |  |  |  |  |
| salaries ...................... | 72. | 793.3 | 791.5 | 797.0 | 802.7 | 813.6 | 820.7 | 828.1 |
| Employer contributions for social insurance $\qquad$ | 366.0 | 385.7 | 383.6 | 388.6 | 393.6 | 401.3 | 405.6 | 410.2 |
| Other labor income ........... | 406.8 | 407.6 | 407.9 | 408.4 | 409.1 | 412.3 | 415.1 | 418.0 |
| Proprietors' income with Inventory valuation and capital consumption adjustments $\qquad$ Farm $\qquad$ | 489.0 | 520.3 | 520.0 | 523.8 | 528.3 | 534.6 | 543.6 | 547,3 |
|  | 23.4 | 37.2 | 36.5 | 40.1 | 40.4 | 40.2 | 43.6 | 41.2 |
| Proprietors' income with inventory valuation adjustment $\qquad$ | 31.4 | 45.0 | 44.3 | 47.9 | 48.1 | 47.9 | 51.2 | 48.8 |
| Capital consumption |  |  |  |  |  |  |  |  |
| adjusiment .......... | -7.9 | -7.8 | -7.8 | -7.8 | -7.8 | -7.7 | -7.6 | -7.5 |
| Nonfarm | 465.5 | 483.1 | 483.5 | 483.7 | 487.9 | 494.4 | 500.0 | 506.1 |
| Proprietors' income ... | 438.8 | 455.3 | 456.4 | 456.1 | 460.0 | 466.3 | 470.8 | 476.7 |
| Inventory valuation adjusiment | -. 5 | -. 2 | -1.2 | -. 1 | . 3 | -. 1 | . 6 | . 2 |
| Capital consumption adjustment $\qquad$ | 27.2 | 28.0 | 28.3 | 27.8 | 27.5 | 28.1 | 28.7 | 29.1 |
| Rental income of persons with capital consumption adjustment $\qquad$ Rental income of persons ...... Capital consumption adjusiment $\qquad$ |  |  |  |  |  |  |  |  |
|  | 132.8 | 146.3 | 144.6 | 148.0 | 149.2 | 149.0 | 148.7 | 147.9 |
|  | 179.8 | 193.3 | 191.0 | 195.5 | 197.3 | 197.9 | 197.6 | 197.6 |
|  | -47.0 | -47.0 | -46.4 | -47.5 | -48.1 | -48.9 | -48.9 | -49.6 |
| Corporate profits with inventory valuation and capital consumption adjustments $\qquad$ Corporate profits with inventory valuation adjusiment $\qquad$ Profits before tax ............... | 650.0 | 735.9 | 738.5 | 739.6 | 747.8 | 779.6 | 795.1 |  |
|  |  |  |  |  |  |  |  |  |
|  | 598.4 | 674.1 | 676.8 | 676.4 | 683.4 | 711.9 | 725.7 |  |
|  | 622.6 | 676.6 | 682.2 | 679.1 | 680.0 | 708.4 | 719.8 |  |
| Profits tax liability Profits after tax | 213.2 | 229.0 | 232.2 | 231.6 | 226.0 | 241.2 | 244.5 |  |
|  | 409.4 | 447.6 | 450.0 | 447.5 | 454.0 | 467.2 | 475.3 |  |
| Profits after tax ............. Dividends ............ | 264.4 | 304.8 | 303.7 | 305.7 | 309.1 | 326.8 | 333.0 | 339.1 |
| Undistributed profits ... inventory valuation adjustment $\qquad$ | 145.0 | 142.8 | 146.4 | 141.8 | 144.9 | 140.3 | 142.3 |  |
|  | -24.3 | -2.5 | -5.4 | -2.7 | 3.3 | 3.5 | 5.9 | 7.8 |
| Capital consumption |  |  |  |  |  |  |  |  |
|  | 51.6 | 61.8 | 61.6 | 63.2 | 64.4 | 67.7 | 69.4 | 70.4 |
| Net interest ............................. | 425.1 | 425.1 | 422.5 | 430.9 | 430.6 | 440.5 | 448.1 |  |
| Addenda: <br> Corporate profits after tax with inventory valuation and capital consumption adiustments $\qquad$ |  |  |  |  |  |  |  |  |
|  | 436.7 | 506.9 | 506.3 | 508.0 | 521.8 | 538.4 | 550.6 |  |
| Net cash flow with inventory valuation and capital |  |  |  |  |  |  |  |  |
|  | 601.3 | 654.3 | 651.1 | 657.8 | 674.6 | 678.9 | 690.2 |  |
| Undistributed profits with inventory valuation and |  |  |  |  |  |  |  |  |
| capital consumption adjustments | 172.4 | 202.1 | 202.6 | 202.3 | 212.6 | 211.5 | 217.6 |  |
| onsumption of fixed <br> capital | 428.9 | 452.3 | 448.5 | 455.5 | 462.0 | 467.4 | 472.6 | 478.6 |
| Less: Inventory valuation |  |  |  |  |  |  |  |  |
| adjustment ...................... | -24.3 | -2.5 | -5.4 | -2.7 | 3.3 | 3.5 | 5.9 | 7.8 |
| Equals: Net cash flow ............ | 625.5 | 656.8 | 656.5 | 660.5 | 671.3 | 675.5 | 684.4 | ........... |

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

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | \\| | III | IV |  | 1 | III |
|  | Billions of dollars |  |  |  |  |  |  |  |
| Gross domestic product of corporate business | 4,348.5 | 4,624.9 | 4,601.8 | 4,661.0 | 4,733.2 | 4,824.8 | 4,897.2 |  |
| Net domestic product $\qquad$ Indirect business tax and nontax liability plus business transfer payments less subsidies $\qquad$ | 428.9 | 452.3 | 448.5 | 455.5 | 462.0 | 467.4 | 472.6 | 478.6 |
|  | 3,919.6 | 4,172.6 | 4,153.3 | 4,205.5 | 4,271.2 | 4,357.4 | 4,424.6 | 482.5 |
| Domestic income $\qquad$ Compensation of empioyees $\qquad$ Wage and salary accruals $\qquad$ | 3,480.0 | 3,708.7 | 3,695.3 | 3,744.6 | 3,786.2 | 3,891.5 | 3,950.2 |  |
|  | 2,781.1 | 2,926.7 | 2,910.4 | 2,951.4 | 2,997.9 | 3,056.5 | 3,098.2 | 3,142.7 |
|  | 2,296.4 | 2,433.5 | 2,417.2 | 2,456.3 | 2,500.7 | 2,550.7 | 2,588.0 | 2,627.9 |
| Supplements to wages and salaries $\qquad$ | 484.7 | 493.2 | 493.2 | 495.1 | 497.3 | 505.8 | 510.2 | 514.8 |
| Corporate profits with inventory valuation and capital consumption |  |  |  |  |  |  |  |  |
| adjustments ............... | 563.2 | 640.0 | 645.2 | 647.8 | 640.3 | 682.2 | 694.4 |  |
| Profits before tax | 535.9 | 580.7 | 589.0 | 587.4 | 572.5 | 611.0 | 619.1 |  |
| Profits tax liability.. | 213.2 | 229.0 | 232.2 | 231.6 | 226.0 | 241.2 | 244.5 |  |
| Profits after tax ...... | 322.7 | 351.6 | 356.8 | 355.7 | 346.5 | 369.8 | 374.5 |  |
| Dividends | 236.9 | 270.8 | 265.8 | 265.6 | 281.6 | 292.7 | 293.6 |  |
| Undistributed profits Inventory valuation | 85.8 | 80.8 | 91.0 | 90.1 | 64.9 | 77.1 | 80.9 |  |
| 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 |
| ot interest ............. | 135.6 | 142.1 | 139.7 | 145.4 | 148.0 | 152.8 | 157.6 |  |
| Gross domestic product of financial corporate business $\qquad$ | 443.2 | 492.5 | 488.9 | 495.2 | 513.2 | 525.1 | 536.1 |  |
| Gross domestic product of nonfinancial corporate business ...... | 3,905.3 | 4,132,4 | 4,112.9 | 4,165.8 | 4,220.1 | 4,299.7 | 4,361.1 |  |
| Consumption of fixed capital ...... | 373.4 | 393.4 | 390.2 | 396.2 | 401.8 | 406.3 | 410.7 | 415.8 |
| Net domestic product $\qquad$ Indirect business tax and nontax liability plus business transfer payments less subsidies $\qquad$ | 3,531.9 | 3,739.0 | 3,722.7 | 3,769.7 | 3,818.3 | 3,893.4 | 3,950.4 |  |
|  | 399.8 | 421.8 | 420.2 | 423.7 | 430.0 | 432.2 | 437.0 | 444.8 |
|  | 3,132.1 | 3,317.2 | 3,302.5 | 3,345.9 | 3,388.3 | 3,461.2 | 3,513.3 |  |
| Compensation of employees $\qquad$ | 2,555.5 | 2,682.9 | 2,668.6 | 2,704.7 | 2,745.3 | 2,801.9 | 2,840.1 | 2,880.9 |
| employeesWage and .................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 $\qquad$ | 447.5 | 454.4 | 454.4 | 456.0 | 457.8 | 466.0 | 470.1 | 474.3 |
| inventory valuation and |  |  |  |  |  |  |  |  |
| adjustments ................ | 474.6 | 545.8 | 542.8 | 553.3 | 561.7 | 575.4 | 586.7 |  |
| Profits before tax ............ | 438.3 | 477.2 | 477.4 | 483.4 | 484.4 | 494.5 | 501.5 |  |
| Profits before tax Profits tax liability ........ | 139.4 | 154.8 | 154.1 | 156.8 | 159.0 | 159.4 | 161.8 |  |
|  | 298.9 | 322.4 | 323.3 | 326.6 | 325.5 | 335.1 | 339.8 |  |
| Profits after tax......... Dividends ............ | 188.3 | 196.4 | 194.3 | 191.8 | 199.4 | 207.0 | 208.1 |  |
| Undistributed profits Inventory valuation | 110.6 | 126.0 | 129.1 | 134.8 | 126.1 | 128.2 | 131.7 |  |
|  | -24.3 | -2.5 | -5.4 | -2.7 | 3.3 | 3.5 | 5.9 | 7.8 |
| Capital consumption |  |  |  |  |  |  |  |  |
| adjustment <br> Net interest $\qquad$ | $\begin{array}{r} 60.5 \\ 102.0 \end{array}$ | $\begin{aligned} & 7.1 .1 \\ & 88.5 \end{aligned}$ | $\begin{aligned} & 70.8 \\ & 91.2 \end{aligned}$ | 72.688.0 | $\begin{aligned} & 74.0 \\ & 81.3 \end{aligned}$ | $\begin{array}{r} 77.4 \\ 83.9 \end{array}$ | 79.386.6 | 80.5 |
|  |  |  |  |  |  |  |  |  |
|  | Billions of chained (1992) dollars |  |  |  |  |  |  |  |
| Gross domestic product of nonfinancial corporate business ${ }^{1}$... | Gross domestic product |  |  |  |  |  |  |  |
| Consumption of fixed capital ${ }^{2}$.... Net domestic product ${ }^{3}$ $\qquad$ | $\left\|\begin{array}{r} 357.8 \\ 3,361.9 \end{array}\right\|$ | $\left.\begin{array}{r} 374.4 \\ 3,513.5 \end{array} \right\rvert\,$ | $\begin{array}{r} 371.8 \\ 3,500.6 \end{array}$ | 3,537.1 3 | [ 38.581 .7 . ${ }^{3}$ | 396.0 $3,626.2$ | $4,666.7$ | 408.8 |
| 1. Chained-dollar gross domestic product of nonfinancial corporate business equais the current-dollar product defiated by the impliciti price deflator for goods and structures in gross domestic product. <br> 2. Chained-collar consumption of fixed capital of nonfinancial corporate business is calculated as the product of the chain-ype quantity index and the 1992 current-dollar value of the corresponding series, divided by 100 . <br> 3. Chained-collar 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]


Consists of aid to tamilies with dependent children and, beginning with 1996, assistance programs operating under the Personal Responsibility and Work Opportunity Reconciiation Act of 1996.
2. Equals disposable personal income deflated by the implicit price deflator for personal consumption expenditures.
Note.-Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 2.2.-Personal Consumption Expenditures by Major Type of Product
[Billions of dollars]

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | 11 | III | IV | 1 | 11 | III |
| Personal consumption expenditures $\qquad$ | $\begin{array}{r} 4,957.7 \\ 608.5 \end{array}$ | $[5,207.6 \mid$ | $\left.\begin{array}{r} 5,189.1 \\ 638.6 \end{array} \right\rvert\,$ | 5,227.4 | 5,308.1 | 5,405.7 | 5,432.1 | 5,527.7 |
| Durable goods ..... |  | $634.5$ |  | 634.5 | 638.2 | 658.4 | 644.5 | 665.0 |
| otor vehicles and parts | 254.8 | 261.3 | 264.0 | 260.0 | 258.9 | 265.7 | 252.7 | 264.8 |
| Furniture and household |  |  |  |  |  |  |  |  |
| equipment | $\begin{aligned} & 240.2 \\ & 113.6 \end{aligned}$ | $\begin{aligned} & 252.6 \\ & 120.6 \end{aligned}$ | $\begin{aligned} & 253.8 \\ & 120.8 \end{aligned}$ | 254.2 120.3 | 255.9 123.4 | 263.8 128.9 | 265.4 126.5 | 271.6 128.6 |
| Nondurable goods.. | 1,475.8 | 1,534.7 | 1,532.3 | 1,538,3 | 1,560.1 | 1,587.4 | 1,578.9 | 1,602.3 |
| Food | 735.1 | 756.1 | 752.2 | 757.4 | 766.6 | 775.5 | 771.4 | 778.7 |
| Clothing and shoes | 254.7 | 264.3 | 265.7 | 265.7 | 266.2 | 275.2 | 274.8 | 281.4 |
| Gasoline and oil ....... | 114.4 | 122.6 | 125.7 | 121.4 | 126.0 | 128.5 | 121.6 | 124.4 |
| Fuel oil and coal .................. | 10.2 | 11.6 | 11.3 | 11.2 | 12.0 | 11.0 | 11.0 | 11.3 |
| Other ................................. | 361.3 | 380.1 | 377.3 | 382.7 | 389.3 | 397.1 | 400.0 | 406.4 |
| Services. | 2,873.4 | 3,038.4 | 3,018.2 | 3,054.6 | 3,109.8 | 3,159.9 | 3,208.7 | 3,260.5 |
| Housing | 750.3 | 787.2 | 782.5 | 791.8 | 800.7 | 810.5 | 821.2 | 832.0 |
| Household operation ..... | 300.7 | 315.9 | 317.5 | 313.4 | 321.8 | 320.8 | 326.7 | 330.7 |
| Electricity and gas ............ | 119.5 | 125.3 | 126.7 | 122.8 | 126.8 | 124.9 | 127.2 | 128.5 |
| Other household operation | 181.2 | 190.6 | 190.8 | 190.6 | 195.0 | 195.9 | 199.5 | 202.2 |
| Transportation ...................... | 203.1 | 218.4 | 216.6 | 219.7 | 224.8 | 228.9 | 233.4 | 237.9 |
| Medical care ... | 772.8 | 808.1 | 803.3 | 811.9 | 826.9 | 841.0 | 849.6 | 859.0 |
| Other ................................. | 846.5 | 908.9 | 898.3 | 917.8 | 935.6 | 958.8 | 977.9 | 1,000.8 |

Table 2.3.-Real Personal Consumption Expenditures by Major Type of Product
[Billions of chained (1992) dollars]

| Personal consumption expenditures $\qquad$ | 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 | . 1 | 637.8 | 629.0 | 653.8 |
| Motor vehicles and | 229.5 | 231.3 | 234.2 | 229.7 | 228.0 | 233.4 | 223.1 | 235. |
| Furniture and household |  |  |  |  |  |  |  |  |
| equipment | 248.4 | 269.5 | 269.9 | 272.3 | 276.8 | 287. | 292.3 | 302.9 |
| Other ................. | 107.2 | 113.3 | 113.4 | 113.2 | 116.3 | 121.4 | 119.7 | 1.5 |
| Nondurable goods | 1,412.6 | 1,432.3 | 1,431.6 | 1,433.9 | 1,441.2 | 1,457.8 | 1,450.0 | 1,466.8 |
| Food | 690.5 | 689.7 | 690.3 | 687.3 | 689.0 | 694. | 688.2 | 689.0 |
| Clothing and shoes | 257.5 | 267.7 | 268.4 | 270.8 | 270.0 | 277.1 | 273.8 | 282.3 |
| Gasoline and oil | 113.1 | 114.1 | 114.5 | 114.1 | 114.8 | 114.7 | 116.1 | 117.1 |
| Fuel oil and coal | 10.5 | 10.6 | 10.4 | 10.6 | 10.3 | 9.4 | 10.1 | 10.8 |
| Other | 341.3 | 351.2 | 349.1 | 352.5 | 358.3 | 363.7 | 363.4 | 369.9 |
| Services | 2,599.6 | 2,671.0 | 2,666.5 | 2,672.8 | 2,698.2 | 2,723.9 | 2,749.8 | 2,777.8 |
| Housing | 688 | 700.2 | 698.7 | 701. | 704.8 | 708 | 712.0 | 715.8 |
| Household operation | 282.9 | 289.6 | 292.0 | 285.8 | 291.7 | 288.0 | 294.2 | 297.5 |
| Electricity and gas | 115.0 | 117.8 | 119.7 | 114.8 | 117.7 | 113.8 | 117.8 | 118.8 |
| Other household operation | 167.8 | 171.7 | 172.3 | 170.9 | 173.9 | 174.0 | 176.2 | 178.5 |
| Transportation ..................... | 185.2 | 194.6 | 193.8 | 195.4 | 197.0 | 199.3 | 200.9 | 204.0 |
| Medical care ... | 674.9 | 688.1 | 686.2 | 689.8 | 697. | 704. | 708. | 714.3 |
| Other ................. | 769.1 | 799 | 796 | 800 | 808 | 824 | 834 | 846.8 |
| Residual ................................ | -2.9 | -5.1 | -5.5 | -5. | -6.0 | -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 tor the chain-type quantity
indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

## 3. Government Receipts, Current Expenditures, and Gross Investment

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

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | 11 | III | IV | 1 | 11 | III |
|  | 2,250.2 | 2,412.7 | 2,407.6 | $\begin{array}{\|r\|} \hline 2,426.7 \\ 897.3 \end{array}$ | $\begin{array}{\|r\|} \hline 2,479.0 \\ 922.6 \\ \hline \end{array}$ | 2,526.6 | 2,566.8 | .$997.4$ |
| Personal tax and nontax receipts .............................................................................................. | 795.1 | 886.9 | 887.8 |  |  | 955.7 |  |  |
| Corporate profits tax accruals ................................................................................................................ | 213.2 | 229.0 | 232.2 | 231.6 | 226.0 | 241.2 | 244.5 |  |
| Indirect business tax and nontax accruals | 582.8 | 604.8 | 599.0 | 600.9 | 625.3 | 610.2 | 616.2 | 626.5 |
| Contributions for social insurance | 659.1 | 692.0 | 688.7 | 696.8 | 705.1 | 719.5 | 726.9 | 734.9 |
| Current expenditures ................................................................................................... | 2,321.6 | 2,417.8 | 2,404.8 | 2,423.6 | 2,455.8 | 2,477.4 | 2,498.7 | 2,515.7 |
|  | 1,142.1 | 1,182.4 | 1,180.7 | 1,189.8 | 1,197.0 | 1,209.7 | 1,221.6 | 1,231.4 |
| Transfer payments (net) .................................................................................................................................... | 1,001.5 | 1,058.3 | 1,050.2 | 1,058.2 | 1,078.0 | 1,091.0 | 1,100.8 | 1,108.0 |
| To persons ...................................................................................................................... | 990.0 | 1,042.0 | 1,039.0 | 1,046.3 | 1,055.1 | 1,080.5 | 1,090.0 | 1,097.9 |
| To the rest of the world (net) ..................................................................................................... | 11.5 | 16.3 | 11.2 | 11.9 | 22.9 | 10.5 | 10.8 | 10.0 |
| Net interest paid | 165.2 | 165.4 | 162.3 | 164.4 | 168.8 | 164.9 | 164.9 | 165.0 |
| Interest paid ................................................................................................................... | 314.1 | 317.7 | 314.6 | 318.1 | 320.7 | 317.9 | 319.1 | 319.7 |
| To persons and business | 252.8 | 246.4 | 247.3 | 244.1 | 241.3 | 233.3 | 227.9 |  |
| To the rest of the world | 61.3 | 71.3 | 67.3 | 74.0 | 79.4 | 84.6 | 91.2 |  |
| Less: Interest received by government ............................................................................................ | 148.9 | 152.3 | 152.3 | 153.7 | 152.0 | 153.0 | 154.1 | 154.7 |
| Less: Dividends received by government .................................................................................... | 12.5 | 13.6 | 13.6 | 13.7 | 14.0 | 14.3 | 14.7 | 14.7 |
| Subsidies less current surplus of government enterprises | 25.2 | 25.4 | 25.2 | 24.9 | 26.0 | 26.1 | 26.0 | 25.9 |
| Subsidies | 34.0 | 33.5 | 33.3 | 33.5 | 33.7 | 34.1 | 34.6 | 34.7 |
| Less: Current surplus of government enterprises .................................................................................. | 8.8 | 8. 1 | 8.1 | . 5 | 7.7 | 8.0 | . 6 | 8.8 |
| Less: Wage accruals less disbursements .................................................................................. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Current surplus or deficit (-), national income and product accounts .................................. | -71.4 | -5.1 | 2.8 | 3.1 | 23.2 | 49.2 | 68.1 |  |
| Social insurance funds ........... | 124.7 | 126.6 | 124.7 | 129.7 | 132.0 | 129.9 | 132.0 | 134.3 |
| Other ..................................................................................................................................................................... | -196.0 | -131.7 | -121.9 | -126.6 | -108.8 | -80.7 | -63.9 | ........... |

Table 3.2.-Federal Government Receipts and Current Expenditures [Bililions of dollars]

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | 11 | III | IV | 1 | 11 | III |
| Receipts ......................... |  |  | 1,583.8 |  | 1,641,6 | 1,675,3 |  | ........... |
| Personal tax and nontax receipts | 605.8 |  | 688.8 | 695.7 | 717.5 | 746.9 |  | 781.4 |
| Income taxes ...................... | 588.7 | 666.8 | 668.6 | 674.8 | 697.2 | 725.0 | 744.1 | 757.9 |
| Estate and gift taxes. | 14.9 | 17.5 | 17.8 | 18.4 | 17.7 | 19.3 | 21.1 | 20.7 |
| Nontaxes ........................... | 2.2 | 2.5 | 2.4 | 2.5 | 2.6 | 2.6 | 2.6 | 2.7 |
| Corporate profits tax accruals .... | 182.1 | 194.5 | 197.2 | 196.7 | 192.0 | 204.9 | 207.7 |  |
| Federal Reserve banks ......... | 23.4 | 20.1 | 20.0 | 20.1 | 20.4 | 20.9 | 21.2 |  |
| Other ................................ | 158.7 | 174.4 | 177.2 | 176.6 | 171.7 | 184.0 | 186.5 |  |
| Indirect business tax and nontax |  |  |  |  |  |  |  |  |
| accruals .............................. | 93.5 | 95.8 | 90.0 | 91.5 | 110.2 | 88.2 | 92.2 | 92.4 |
| Excise taxes .- | 58.1 | 56.4 | 54.9 | 55.7 | 59.6 | 56.5 | 59.0 | 59.0 |
| Customs duties. | 19.4 | 19.2 | 19.5 | 20.2 | 16.8 | 18.6 | 20.5 | 20.9 |
| Nontaxes ............................ | 16.1 | 20.2 | 15.6 | 15.5 | 33.7 | 13.2 | 12.7 | 12.6 |
| Contributions for social insurance | 581.8 | 610.5 | 607.8 | 614.8 | 622.0 | 635.3 | 641.5 | 648.1 |
| Current expenditures ....... | 1,637.6 | 1,698.1 | 1,695.4 | 1,698.2 | 1,718.8 | 1,730.8 | 1,746.0 | 1,754.0 |
| Consumption expenditures.. | 443.5 | 451.5 | 453.7 | 454.0 | 453.6 | 458.0 | 464.2 | 465.1 |
| Transfer payments (net) | 720.9 | 763.5 | 757.5 | 761.5 | 777.3 | 785.9 | 791.4 | 794.4 |
| To persons ......... | 709.4 | 747.2 | 746.3 | 749.7 | 754.4 | 775.5 | 780.5 | 784.4 |
| To the rest of the word (net) | 11.5 | 16.3 | 11.2 | 11.9 | 22.9 | 10.5 | 10.8 | 10.0 |
| Grants-in-aid to State and local governments $\qquad$ | 211.9 | 218.3 | 223.2 | 218.7 | 217.5 | 219.6 | 222.5 | 225.6 |
| Net interest paid $\qquad$ Interest paid $\qquad$ | $\begin{aligned} & 224.8 \\ & 250.0 \end{aligned}$ | 227.1 | 223.5 | $\begin{aligned} & 226.6 \\ & 253.4 \end{aligned}$ | $\begin{aligned} & 231.8 \\ & 256.1 \end{aligned}$ | $\begin{aligned} & 228.9 \\ & 253.2 \end{aligned}$ | $\begin{aligned} & 229.8 \\ & 254.4 \end{aligned}$ | $\begin{array}{r} 230.9 \\ 255.1 \end{array}$ |
|  |  | 253.1 | 250.1 |  |  |  |  |  |
| To persons and business | 188.761.3 | 181.8 | 182.7 | 179.574.0 | 176.7 | 168.7 | 163.3 |  |
| To the rest of the world..... |  | $\begin{aligned} & 71.3 \\ & 26.0 \end{aligned}$ | 67.3 |  | 79.4 | 84.6 | 91.2 |  |
| Less: Interest received by government $\qquad$ | $25.2$ |  | 26.6 | 26.9 | 24.3 | 24.4 | 24.6 | 24.2 |
| Subsidies less current surplus of |  |  |  |  |  |  |  |  |
| government enterprises ......... | 36.433.7 | 37.733.1 | 37.533.0 | 37.433.1 | 38.533.4 | 38.433.8 | $\begin{gathered} 38.1 \\ 312 \end{gathered}$ | 38.034.3 |
| Subsidies ..................... |  |  |  |  |  |  |  |  |
| Less: Current surplus of government enterprises ...... | -2.7 | -4.6 | -4.5 | -4.2 | -5.1 | -4.7 | -3.9 | $-3.7$ |
| Less: Wage accruals less disbursements $\qquad$ | 0 | 0-110.5 | $\begin{array}{\|c\|r} 0 \\ 5 & -111,6 \end{array}$ | $\left.\begin{array}{\|c\|c\|} \hline \\ \hline \end{array} \right\rvert\,$ |  | $\begin{gathered} 0 \\ -55.5 \end{gathered}$ | $\left\|\begin{array}{r} 0 \\ -36.8 \end{array}\right\|$ | 0 |
| Current surplus or deficit $(-)$, national income and product accounts |  |  |  |  |  |  |  |  |
| Social insurance funds.. | $\left[\begin{array}{r} 54.1 \\ -228.6 \end{array}\right.$ | $\begin{array}{r} 55.3 \\ -165.8 \end{array}$ | $\begin{array}{r} 53.3 \\ -165.0 \end{array}$ | $\begin{array}{r} 58.2 \\ -157.8 \end{array}$ | $\begin{array}{r} 60.6 \\ -137.7 \\ \hline \end{array}$ | $\begin{array}{r} 58.7 \\ -114.2 \end{array}$ | $\begin{array}{r} 60.4 \\ -97.2 \end{array}$ | 62.9 |
| Other |  |  |  |  |  |  |  |  |

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

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | 11 | III | IV | 1 | II | III |
| Receipts | 999.0 | 1,043.4 | 1,046.9 | 1,046.7 | 1,054.9 | 1,070.9 | 1,080.0 |  |
| Personal tax and nontax receipts | 189.4 | 200.2 | 198.9 | 201.7 | 205.1 | 208.7 | 211.3 | 216.1 |
| Income taxes ........................ | 140.3 | 149.1 | 148.2 | 150.3 | 153.1 | 155.7 | 157.4 | 161.3 |
| Nontaxes ...... | 26.7 | 28.8 | 28.5 | 29.1 | 29.6 | 30.1 | 30.7 | 31.3 |
| Other...... | 22.4 | 22.3 | 22.2 | 22.3 | 22.5 | 22.9 | 23.3 | 23.5 |
| Corporate profits tax accruals .... | 31.1 | 34.5 | 35.0 | 34.9 | 34.0 | 36.4 | 36.8 |  |
| Indirect business tax and nontax accruals $\qquad$ Sales taxes $\qquad$ <br> Property taxes $\qquad$ Other $\qquad$ |  |  |  |  |  |  |  |  |
|  | 489.3 | 508.9 | 508.9 | 509.4 | 515.1 | 522.0 | 524.0 | 534.1 |
|  | 239.4 197.4 | 249.8 202.3 | 201.5 | 2039.6 | 204.7 | 2065 | 207.8 | 209.3 |
|  | 52.5 | 56.8 | 57.1 | 56.8 | 58.5 | 59.6 | 60.6 | 65.4 |
| Contributions for social insurance | 77.3 | 81.4 | 80.9 | 82.0 | 83.1 | 84.2 | 85.4 | 86.8 |
| Federal grants-in-aid ................. | 211.9 | 218.3 | 223.2 | 218.7 | 217.5 | 219.6 | 222.5 | 225.6 |
| Current expenditures ....... | 895.9 | 938.0 | 932.5 | 944.2 | 954.5 | 966.1 | 975.1 | 987.3 |
| Consumption expenditures ........ | 698.6 | 730.9 | 727.0 | 735.9 | 743.3 | 751.7 | 757.4 | 766.4 |
| Transfer payments to persons ... | 280.6 | 294.8 | 292.7 | 296.6 | 300.6 | 305.1 | 309.5 | 313.6 |
| Net interest paid | -59.6 | -61.7 | -61.2 | -62.2 | -63.0 | -64.0 | -64.9 | -65.9 |
| Interest paid .................. | 64.1 | 64.6 | 64.6 | 64.6 | 64.7 | 64.6 | 64.6 | 64.6 |
| Less: Interest received by government $\qquad$ | 123.7 | 126.3 | 125.7 | 126.8 | 127.7 | 128.6 | 129.5 | 130.5 |
| Less: Dividends received by government $\qquad$ | 12.5 | 13.6 | 13.6 | 13.7 | 14.0 | 14.3 | 14.7 | 14.7 |
| Subsidies less current surplus of government enterprises $\qquad$ Subsidies $\qquad$ Less: Current surplus of government enterprises ...... |  |  |  |  |  |  |  |  |
|  | $\begin{array}{r} -11.2 \\ .3 \end{array}$ | $\begin{array}{r} -12.3 \\ .3 \end{array}$ | $\begin{array}{r}-12.3 \\ \hline\end{array}$ | $\begin{array}{r}-12.4 \\ \hline\end{array}$ | -12.5 .3 | -12.3 .3 | -12.2 | -12.1 . |
|  | 11.5 | 12.7 | 12.7 | 12.8 | 12.8 | 12.7 | 12.5 | 12.4 |
| Less: Wage accruals less disbursements $\qquad$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Current surplus or deficit $(-)$, national income and product accounts | 103.1 | 105.3 | 114.4 | 102.6 | 100.4 | 104.7 | 104.9 |  |
| Social insurance funds .............. | 70.5 | 71.3 | 71.3 | 71.5 | 71.4 | 71.3 | 71.6 | 71.4 |
| Other ....................................... | 32.5 | 34.1 | 43.1 | 31.1 | 28.9 | 33.5 | 33.3 |  |

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

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | II | 11 | IV | 1 | 11 | III |
| Govemment consumption expenditures and gross investment ${ }^{1}$ $\qquad$ | $\left\lvert\, \begin{array}{r} 1,355.5 \\ 509.6 \end{array}\right.$ | $\left\|\begin{array}{r} 1,406.7 \\ 520.0 \end{array}\right\|$ | $\left.\begin{array}{r} 1,407.0 \\ 524.6 \end{array} \right\rvert\,$ | $\begin{array}{r} 1,413.5 \\ 521.6 \end{array}$ | $\begin{array}{r} 1,422.3 \\ 517.6 \end{array}$ | $\left\|\begin{array}{r} 1,433.1 \\ 516.1 \end{array}\right\|$ | $\begin{array}{r} 1,449.0 \\ 526.1 \end{array}$ |  |
| Federal ................................... |  |  |  |  |  |  |  | 525.3 |
| National defense | 344.6 | 352.8 | 357.3 | 354.8 | 350.6 | 343.3 | 350.6 | 351.7 |
| Consumption expenditures | 298.6 | 305.7 | 307.8 | 309.3 | 307.6 | 306.4 | 311.3 | 312.0 |
| Durable goods ${ }^{2}$........... | 21.1 | 22.3 | 23.7 | 24.7 | 20.6 | 20.6 | 21.9 | 23.3 |
| Nondurable goods ........ | 6.3 | 7.9 | 8.3 | 8.5 | 7.2 | 7.6 | 6.8 | 7.3 |
| Services .................. | 271.2 | 135.2 | 275.9 | 135.9 | 279.8 | 278.2 | 282.7 | 281.3 |
| Compensation of general government employees, except force-account construction ${ }^{3}$ $\qquad$ | 131.5 |  | 135.4 |  | 134.7 | 136.8 | 136.1 | 136.0 |
| Consumption of general government fixed capital ${ }^{4}$.......... | 57.5 | 57.3 | 57.6 |  | 57.1 |  |  | 56.9 |
| Other services ........... | 82.3 | 83.0 | 82.8 | 83.0 | 87.9 | 84.3 | 89.6 | 88.4 |
| Gross investment .............. | 46.0 | 47.0 | 49.5 | 45.5 | 42.9 | 37.0 | 39.3 | 39.8 |
| Structures ................... | 6.4 | 6.8 | 7.3 | 6.6 | 6.6 | 6.3 | 6.2 | 6.2 |
| Equipment .................... | 39.6 | 40.2 | 42.2 | 38.8 | 36.3 | 30.7 | 33.1 | 33.5 |
| Nondefense ......................... | 165.0 | 167.3 | 167.3 | 166.8 | 167.0 | 172.8 | 175.5 | 173.6 |
| Consumption expenditures | 144.986.8 | $\begin{array}{r} 145.7 \\ .9 \\ 5.7 \end{array}$ | 145.9 | 144.6.7 |  | $\begin{array}{r}151.7 \\ .9 \\ \hline\end{array}$ | 152.986.7 | 153.1 |
| Durable goods ${ }^{2}$........... |  |  |  |  |  |  |  | . 6 |
| Nondurable goods $\qquad$ Commodity Credit |  | $5.7$ | 5.7 | 5.2 | 5.6 | 6.6 |  | 6.7 |
| Corporation inventory change ... | -. 2 | -. 4 | -. 5 | -. 5 | -. 3 | 0 | -. 2 | -. 2 |
| Other nondurables ..... | 6.7 | 6.1 | 6.2 | 5.8 | 5.9 | 6.6 | 145.5 | 6.8 |
| Services ...................... | 137.6 | 139.2 | 139.2 | 138.7 | 139.9 | 144.2 |  | 145.8 |
| Compensation of general government employees, except force-account construction ${ }^{3}$ $\qquad$ | 75.8 | 77.5 | 77.6 | 77.6 | 77.8 | 80.6 | 81.4 | 81.1 |
| Consumption of general government ixed capital $^{4}$ | 10.7 | 11.2 | 11.2 |  |  |  |  |  |
| Other services ............ | 51.1 | 50.4 | 50.5 | 49.8 | 50.7 | 52.0 | 52.5 | 11.9 52.9 |
| Gross investment ................ | 20.1 | 21.5 | 21.4 | 22.1 | 21.0 | 21.1 | 22.6 | 20.5 |
| Structures ............ | 11.0 | 11.3 | 11.6 | 11.3 | 11.4 | 11.2 | 10.5 | 10.6 |
| Equipment ................... | 9.1 | 10.2 | 9.9 | 10.9 | 9.6 | 9.9 | 12.0 | 9.8 |
| State and local ...................... | 846.0 | 886.7 | 882.4 | 891.9 | 904,7 | 917.0 | 923.0 | 932.4 |
| Consumption expenditures ..... | 698.6 | 730.9 | 727.0 | 735.9 | 743.3 | 751.7 | 757.4 | 766.4 |
| Durable goods ${ }^{2}$............... | 14.7 | 15.3 | 15.2 | 15.4 | 15.5 | 15.6 | 15.7 | 15.9 |
| Nondurable goods ............. | 73.0 | 637.5 | 633.6 | 642.2 | 647.6 | 655.1 | 661.8 | 80.3 |
| Services ......................... | 610.9 |  |  |  |  |  |  | 670.2 |
| Compensation of general government employees, except force-account construction ${ }^{3}$ |  |  |  |  |  |  |  |  |
| Consumption of general government fixed capital ${ }^{4}$ $\qquad$ | 525.5 | 547.2 | 544.0 | 551.1 | 555.4 | 561.1 | 566.7 | 573.6 |
| Other services .......... | 31.2 | 33.7 | 33.3 | 34.3 | 34.9 | 36.0 | 36.3 | 37.4 |
| Gross investment ............ | 147.4 | 155.7 | 155.3 | 156.0 | 161.4 | 165.2 | 165.6 | 166.1 |
| Structures ....................... | 121.0 | 128.5 | 128.1 | 128.6 | 133.9 | 137.7 | 138.0 | 138.4 |
| Equipment ....................... | 26.4 | 27.3 | 27.2 | 27.4 | 27.4 | 27.5 | 27.6 | 27.7 |
| Addenda: <br> Compensation of general |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| government employees ${ }^{3}$.... | 736.5 | 763.9 | 761.0 | 768.5 | 772.0 | 782.7 | 788.4 | 794.9 |
| Federal .......................... | 207.3 | 212.8 | 213.1 | 213.5 | 212.6 | 217.5 | 217.5 | 217.2 |
| State and local ................. | 529.2 | 551.0 | 547.9 | 555.0 | 559.4 | 565.2 | 570.9 | 577.8 |

1. Gross government investment consists of general government and government enterprise expenditures for fixed assels; inveniory investment is included in govemment consumpion expenaitures.
2. Consumplion expenditures tor durable goods excludes expenditures classified as investment, except for goods 3 Compensation of government employees engaged in
for goods and services are classified as investment in structures. The compensation of all general government employees is shown in the addenda.
3. Consumption of fixed capital, or depreciation, is included in government consumption expenditures as a partial measure of the value of the senvices of general government fixed assels; use of depreciation assumes a zero not return on these assets.

Table 3.8.-Real Government Consumption Expenditures and Real Gross Investment by Type
[Billions of chained (1992) dollars]

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | II | III | IV | 1 | II | III |
| Government consumption expenditures and gross investment ${ }^{1}$ $\qquad$ | $\left\|\begin{array}{r} 1,251.9 \\ 470.3 \end{array}\right\|$ | $\begin{array}{r} 1,257.9 \\ 464.2 \end{array}$ | $\left.\begin{array}{r} 1,265.1 \\ 470.7 \end{array} \right\rvert\,$ | $\begin{array}{\|r} 1,261.5 \\ 465.7 \end{array}$ | $\begin{array}{r} 1,261.8 \\ 459.6 \end{array}$ | $\left\lvert\, \begin{array}{r} 1,260.5 \\ 452.8 \end{array}\right.$ | $\begin{array}{r} 1,270.1 \\ 460.1 \end{array}$ | 1,273.3 |
| deral |  |  |  |  |  |  |  | 458.8 |
| National defense | 322.6 | 317.8 | 323.2 | 319.4 | 313.6 | 303.9 | 309.4 | 310.2 |
| Consumption expenditures | 280.6 | 275.5 | 278.4 | 278.1 | 274.4 | 270.3 | 273.9 | 274.0 |
| Durable goods ${ }^{2}$........... | 20.8 | 21.8 | 23.0 | 24.1 | 20.2 | 20.0 | 21.2 | 22.6 |
| Nondurable goods ......... | 6.3 | 7.2 | 7.6 | 7.8 | 6.2 | 6.6 | 6.3 | 7.0 |
| Services ..................... | 253.2 | 246.5 | 247.8 | 246.3 | 247.8 | 243.5 | 246.3 | 244.5 |
| Compensation of general government employees, except force-account construction ${ }^{3}$ $\qquad$ | 122.3 | 117.2 | 118.0 | 117.2 | 115.4 | 114.5 | 113.3 | 113.1 |
| Consumption of general government fixed capital ${ }^{4}$ $\qquad$ | 52.5 | 51.4 | 51.6 | 51.3 |  |  |  |  |
| Other services .......... | 78.4 | 78.0 | 78.3 | 77.9 | 81.6 | 78.4 | 83.0 | 81.5 |
| Gross investment ....... | 42.1 | 42.3 | 44.9 | 41.4 | 39.2 | 33.5 | 35.4 | 36.2 |
| Structures ............. | 5.4 | 5.6 | 6.0 | 5.4 | 5.4 | 5.0 | 4.9 | 4.9 |
| Equipment ................... | 36.5 | 36.5 | 38.7 | 35.8 | 33.7 | 28.2 | 30.3 | 31.1 |
| Nondefense ........ | 147.5 | 146.1 | 147.2 | 146.0 | 145.7 | 148.5 | 150.2 | 148.1 |
| Consumption expenditures | 128.01.05.8 | 125.3 | 126.5 | 124.6 | 125.1 | 127.7 | 128.2 | 127.8 |
| Durable goods ${ }^{2}$............ |  | 1.1 5.1 | 1.2 | $\begin{gathered} 4.0 \\ 1.1 \\ 4.7 \end{gathered}$ |  | $\begin{aligned} & 1.2 \\ & 6.0 \end{aligned}$ | 1.2 | 1.16.0 |
| Nondurable goods $\qquad$ Commodity Credit Corporation | 5.8 | 5.1 | 5.2 | $4.7$ | 5.1 |  | 6.0 |  |
| inventory change ... | -. 2 | - -2 | -.3 | --4 | -. 2 | 0 | -. 2 | -. 2 |
| Other nondurables ..... | 6.0 | 5.4 | 5.4 | 5.1 | 5.3 | 6.0 | 6.1 | 6.1 |
| Services ............... | 121.3 | 119.1 | 120.2 | 118.9 | 119.1 | 120.6 | 121.1 | 120.9 |
| Compensation of general government employees, except force-account construction ${ }^{3}$ $\qquad$ | 62.9 | 61.3 | 62.3 | 61.7 | 61.4 | 61.6 | 61.9 | 61.3 |
| Consumption of general government fixed capital ${ }^{4}$ | 10.3 |  | 10.7 |  |  |  |  |  |
| Other services ............ | 48.5 | 47.4 | 47.5 | 46.7 | 47.2 | 48.3 | 48.6 | 48.9 |
| Gross investment. | 19.4 | 21.0 | 20.8 | 21.6 | 20.6 | 20.8 | 22.2 | 20.3 |
| Structures ..................... | 10.0 | 10.0 | 10.2 | 10.0 | 10.0 | 9.8 | 9.1 | 9.1 |
| Equipment .................... | 9.4 | 11.1 | 10.6 | 11.9 | 10.7 | 11.3 | 13.8 | 11.5 |
| State and local | 781.6 | 793.7 | 794.4 | 795.9 | 802.3 | 807.7 | 810.1 | 814.5 |
| Consumption expenditures ..... | 646.0 | 653.6 | 654.2 | 655.7 | 657.8 | 661.1 | 664.3 | 668.5 |
| Durable goods ${ }^{2}$................ | 13.9 | 14.4 | 14.3 | 14.5 | 14.6 | 14.7 | 14.8 | 14.9 |
| Nondurable goods ............. | 69.2 | 71.5 | 71.1 | 71.8 | 72.5 | 73.2 | 73.8 | 74.4 |
| Services ................. | 563.0 | 567.9 | 568.9 | 569.6 | 570.9 | 573.5 | 576.0 | 579.4 |
| Compensation of general government employees, except force-account construction ${ }^{3}$ $\qquad$ |  |  |  |  |  |  |  |  |
| Consumption of general government fixed | 478.2 | 479.9 | 481.1 | 481.5 | 482.0 | 483.5 | 485.4 | 488.0 |
| capital ${ }^{4}$................... | 50.7 | 52.0 | 51.9 | 52.2 | 52.6 | 52.9 | 53.2 | 53.5 |
| Other services .............. | 35.1 | 37.4 | 37.3 | 37.3 | 37.9 | 38.8 | 39.0 | 39.6 |
| Gross investment .................. | 135.6 | 140.1 | 140.2 | 140.1 | 144.5 | 146.6 | 145.8 | 146.1 |
| Structures ....................... | 109.5 | 112.8 | 112.9 | 112.6 | 116.6 | 118.4 | 117.2 | 117.2 |
| Equipment ......................... | 26.1 | 27.4 | 27.3 | 27.6 | 28.0 | 28.3 | 28.6 | 29.0 |
| Residual ......... | -. 9 | -2.1 | -1.6 | -2.4 | -2.2 | -2.1 | -3.1 | -2.9 |
| Addenda: |  |  |  |  |  |  |  |  |
| Compensation of general government employees ${ }^{3}$ | 667.0 | 661.9 | 665.0 | 664.0 | 662.3 |  | 664.1 | 665.8 |
| Federal ........................... | 185.5 | 178.9 | 180.7 | 179.4 | 177.2 | 176.5 | 175.6 | 174.8 |
| State and local .................. | 481.6 | 483.2 | 484.5 | 484.9 | 485.4 | 487.1 | 489.0 | 491.6 |

NoTE,-Chained (1992) dollar series are calculated as the product of the chain-lype quantity index and the 1992 current-dollar value of the corresponding series, divided by 100 . Because the formula for the chain-type quantity The residual line is the difference between the first line and the sum of the most detailed lines, excluding the ines in the addenda.
See footnotes to table 3.7.

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

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | II | III | IV | 1 | 11 | III |
| National defense consumption expenditures and gross investment ${ }^{1}$ $\qquad$ | $\begin{aligned} & 344.6 \\ & 298.6 \end{aligned}$ | $\begin{aligned} & 352.8 \\ & 305.7 \end{aligned}$ | $\begin{aligned} & 357.3 \\ & 307.8 \end{aligned}$ | $\begin{array}{r} 354,8 \\ 309.3 \end{array}$ | $\begin{aligned} & 350.6 \\ & 307.6 \end{aligned}$ | $\begin{aligned} & 343.3 \\ & 306.4 \end{aligned}$ | $\begin{aligned} & 350.6 \\ & 311.3 \end{aligned}$ | $\begin{aligned} & 351.7 \\ & 312.0 \end{aligned}$ |
| Consumption expenditures ...... |  |  |  |  |  |  |  |  |
| Durable goods ${ }^{2}$ | 21.1 | 22.3 | 23.7 | 24.7 | 20.6 | 20.6 | 21.9 | 23.3 |
| Aircraft ........................... | 8.7 | 9.7 | 10.2 | 10.6 | 9.2 | 9.2 | 10.1 | 11.0 |
| Missiles .......................... | 3.1 | 3.2 | 3.2 | 3.8 | 2.8 | 2.8 | 3.1 | 3.2 |
| Ships ............................ | 1.2 | . 9 | . 9 | 1.3 | . 6 | 7 | . 7 | . 7 |
| Vehicles ......................... | 1.1 | 1.0 | 1.0 | 1.1 | . 9 | 1.2 | . 9 | . 9 |
| Electronics ............................. | 2.5 | 2.6 | 2.9 | 2.9 | 2.3 | 2.5 | 2.6 | 2.7 |
| Other durable goods ......... | 4.5 | 5.0 | 5.5 | 5.0 | 4.8 | 4.1 | 4.4 | 4.8 |
| Nondurable goods ............... | 6.3 | 7.9 | 8.3 | 8.5 | 7.2 | 7.6 | 6.8 | 7.3 |
| Petroleum products .... | 2.8 | 3.4 | 3.4 | 4.1 | 3.0 | 3.1 | 3.0 | 3.0 |
| Ammunition ................ | 1.2 | 1.1 | 1.5 | 1.1 | . 7 | 1.5 | 1.1 | 1.4 |
| Other nondurable goods .... | 2.4 | 3.4 | 3.4 | 3.3 | 3.6 | 3.0 | 2.7 | 3.0 |
| Services ............................ | 271.2 | 275.6 | 275.9 | 276.1 | 279.8 | 278.2 | 282.7 | 281.3 |
| Compensation of general government employees, except force-account construction ${ }^{3}$ | 131.5 | 135.2 | 135.4 | 135.9 | 134.7 | 136.8 | 136.1 | 136.0 |
| Military ........................... | 82.1 | 85.8 | 85.7 | 86.3 | 86.2 | 87.1 | 86.7 | 86.6 |
| Civilian .............................. | 49.4 | 49.4 | 49.7 | 49.5 | 48.5 | 49.7 | 49.4 | 49.4 |
| Consumption of general government fixed |  |  |  |  |  |  |  |  |
| capital ${ }^{4}$...................... | 57.5 | 57.3 | 57.6 | 57.2 | 57.1 | 57.1 | 57.0 | 56.9 |
| Other services $\qquad$ | 82.3 | 83.0 | 82.8 | 83.0 | 87.9 | 84.3 | 89.6 | 88.4 |
| development | 20.9 | 23.5 | 22.9 | 24.2 | 26.2 | 25.8 | 27.5 | 25.2 |
| Installation support ......... | 27.7 | 27.4 | 28.2 | 28.3 | 26.4 | 25.9 | 26.7 | 27.2 |
| Weapons support .......... | 8.3 | 6.3 | 5.9 | 5.4 | 8.0 | 5.9 | 6.9 | 7.2 |
| Personnel support ......... | 18.3 | 19.0 | 18.5 | 18.8 | 20.5 | 20.2 | 22.4 | 22.4 |
| Transportation of material $\qquad$ | 4.3 | 4.7 | 5.0 | 4.7 | 4.7 | 4.5 | 4.2 | 4.1 |
| Travel of persons ........... | 4.5 | 4.3 | 4.3 | 4.2 | 4.1 | 3.9 | 3.9 | 3.7 |
| Other .......................... | -1.7 | -2.1 | -2.0 | -2.6 | -1.9 | -1.8 | -2.0 | -1.4 |
| Gross investment .... | 46.0 | 47.0 | 49.5 | 45.5 | 42.9 | 37.0 | 39.3 | 39.8 |
| Structures .......................... | 6.4 | 6.8 | 7.3 | 6.6 | 6.6 | 6.3 | 6.2 | 6.2 |
| Equipment .......................... | 39.6 | 40.2 | 42.2 | 38.8 | 36.3 | 30.7 | 33.1 | 33.5 |
| Aircraft ............................ | 9.0 | 9.3 | 10.0 | 7.6 | 5.9 | 4.7 | 4.0 | 4.7 |
| Missiles .......................... | 4.6 | 4.1 | 4.3 | 4.3 | 3.7 | 2.9 | 3.4 | 3.0 |
| Ships ............................. | 8.0 | 6.8 | 7.2 | 6.6 | 6.3 | 5.6 | 6.7 | 6.4 |
| Vehicles ......................... | . 9 | . 9 | - 7 | . 9 | . 8 | 1.0 | 1.3 | 1.3 |
| Electronics ....................... | 3.5 | 3.6 | 3.7 | 4.0 | 3.2 | 3.3 | 3.4 | 3.6 |
| Other equipment ............... | 13.5 | 15.5 | 16.0 | 15.5 | 16.3 | 13.2 | 14.3 | 14.5 |
| Addendum: Compensation of general government employees ${ }^{3}$... | 131.5 | 135.2 | 135.4 | 135.9 | 134.7 | 136.8 | 136.1 | 136.0 |

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

Table 3.11.—Real National Defense Consumption Expenditures and Real Gross Investment
[Billions of chained (1992) dollars]

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | II | III | IV | 1 | 11 | 111 |
| National defense consumption expenditures and gross investment ${ }^{1}$ $\qquad$ | 322.6 | 317.8 |  |  |  |  |  | 310.2 |
| Consumption expenditures ...... | 280.6 | 275.5 | 278.4 | 278.1 | 274.4 | 270.3 | $273.9$ | 274.0 |
| Durable goods ${ }^{2}$ | 20.8 | 21.8 | 23.0 | 24.1 | 20.2 | 20.0 | 21.2 | 22.6 |
| Aircraft ............................ | 8.5 | 9.3 | 9.8 | 10.2 | 8.9 | 8.9 | 9.8 | 10.7 |
| Missiles ............................ | 3.4 | 3.4 | 3.5 | 4.0 | 3.1 | 2.9 | 3.1 | 3.2 |
| Ships ............................... | 1.2 | . 8 | . 8 | 1.2 | . 5 | 7 | . 7 | . 7 |
| Vehicles ........................... | 1.0 | . 9 | 1.0 | 1.1 | . 9 | 1.2 | . 9 | . 8 |
| Electronics ....................... | 2.5 | 2.7 | 3.0 | 3.0 | 2.4 | 2.6 | 2.8 | 2.9 |
| Other durable goods ......... | 4.3 | 4.6 | 5.0 | 4.6 | 4.4 | 3.8 | 4.0 | 4.4 |
| Nondurable goods ............... | 6.3 | 7.2 | 7.6 | 7.8 | 6.2 | 6.6 | 6.3 | 7.0 |
| Petroleum products | 3.1 | 3.1 | 3.2 | 3.7 | 2.4 | 2.6 | 2.9 | 3.1 |
| Ammunition ...................... | 1.1 | 1.0 | 1.2 | 1.0 | . 6 | 1.3 | . 9 | 1.2 |
| Other nondurable goods .... | 2.2 | 3.2 | 3.2 | 3.1 | 3.4 | 2.8 | 2.6 | 2.8 |
| Services ............ | 253.2 | 246.5 | 247.8 | 246.3 | 247.8 | 243.5 | 246.3 | 244.5 |
| Compensation of general government employees, except force-account |  |  |  |  |  |  |  |  |
| construction ${ }^{3}$................. | 122.3 | 117.2 | 118.0 | 117.2 | 115.4 | 114.5 | 113.3 | 113.1 |
| Military ......................... | 79.8 | 76.9 | 77.0 | 76.7 | $76: 1$ | 75.5 | 74.8 | 74.7 |
| Civilian ......................... | 42.6 | 40.4 | 41.1 | 40.6 | 39.4 | 39.0 | 38.6 | 38.5 |
| Consumption of general government fixed capital ${ }^{4}$ |  |  |  |  |  |  |  |  |
| capital ${ }^{4}$........................ | 52.5 | 51.4 | 51.6 | 51.3 | 51.0 | 50.8 | 50.5 | 80.3 |
| Other services $\qquad$ Research and | 78.4 | 78.0 | 78.3 | 77.9 | 81.6 | 78.4 | 83.0 | 81.5 |
| development ............. | 20.8 | 23.5 | 23.1 | 24.3 | 26.0 | 25.7 | 27.1 | 24.7 |
| Installation support ......... | 25.5 | 24.9 | 25.8 | 25.6 | 23.8 | 23.5 | 24.2 | 24.5 |
| Weapons support ........... | 7.8 | 5.7 | 5.3 | 4.9 | 7.1 | 5.2 | 6.1 | 6.3 |
| Personnel support .......... | 17.4 | 17.2 | 16.9 | 17.0 | 18.1 | 17.7 | 19.8 | 19.7 |
| Transportation of material $\qquad$ | 4.1 | 4.7 | 4.9 | 4.6 | 4.6 | 4.4 | 4.1 | 4.0 |
| Travel of persons .......... | 4.2 | 4.1 | 4.2 | 4.0 | 3.8 | 3.6 | 3.6 | 3.4 |
| Other .......................... | -1.6 | -1.9 | -1.8 | -2.3 | -1.6 | -1.6 | -1.7 | -1.2 |
| Gross investment .................... | 42.1 | 42.3 | 44.9 | 41.4 | 39.2 | 33.5 | 35.4 | 36.2 |
| Structures ........................... | 5.4 | 5.6 | 6.0 | 5.4 | 5.4 | 5.0 | 4.9 | 4.9 |
| Equipment ........................... | 36.5 | 36.5 | 38.7 | 35.8 | 33.7 | 28.2 | 30.3 | 31.1 |
| Aircraft ............................. | 7.2 | 7.1 | 8.1 | 6.4 | 5.0 | 4.0 | 3.3 | 4.2 |
| Missiles ............................ | 4.7 | 4.4 | 4.5 | 4.5 | 4.0 | 2.9 | 3.4 | 3.0 |
| Ships ....................................... | 7.2 | 6.1 | 6.5 | 5.9 | 5.6 | 4.9 | 5.9 | 5.6 |
| Vehicles ........................... | . 8 | . 8 | . 8 | .7 | . 7 | . 9 | 1.1 | 1.1 |
| Electronics ....................... | 3.9 | 4.4 | 4.6 | 5.0 | 4.2 | 4.3 | 4.6 | 4.9 |
| Other equipment ............... | 12.8 | 14.1 | 14.5 | 13.9 | 14.7 | 11.8 | 12.7 | 13.0 |
| Residual .................................. | . 2 | -. 6 | -. 6 | -1.0 | -. 9 | -. 5 | -1.3 | -1.2 |
| Addendum: |  |  |  |  |  |  |  |  |
| Compensation of general government employees ${ }^{3}$.... | 122.3 | 117.2 | 118.0 | 117.2 | 115.4 | 114.5 | 113.3 | 113.1 |

NOTE.-Chained (1992) dollar series are calculated as the product of the chain-lype 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-dolar estimates are usually not additive. The residual line is
line in the addendum.
line in the addendum.
See footnotes to table 3.10

## 4. Foreign Transactions

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

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | 11 | III | IV | 1 | 11 | 111 |
| Receipts from the rest of the world $\qquad$ | 1,041.2 | $\left.\begin{array}{r} 1,105.1 \\ 870.9 \end{array} \right\rvert\,$ | $\left\|\begin{array}{r} 1,092.0 \\ 865.0 \end{array}\right\|$ | $\left\lvert\, \begin{array}{r} 1,099.0 \\ 863.7 \end{array}\right.$ | 1,153.4 | 1,170.4 | 1,221.9 |  |
| Exports of goods and services ... |  |  |  |  | 904.6 | 922.2 | 960.3 | 968.9 |
| Goods ${ }^{1}$ | 583.9 | 617.5 | 613.9 | 609.7 | 640.5 | 656.2 | 690.0 | 694.6 |
| Durable | 394.3 | 421.2 | 420.4 | 415.8 | 438.8 | 455.9 | 486.3 | 488.6 |
| Nondurable | 189.6 | 196.3 | 193.5 | 193.9 | 201.6 | 200.3 | 203.7 | 206.1 |
| Services ${ }^{1}$...... | 234.6 | 253.3 | 251.1 | 254.0 | 264.2 | 266.0 | 270.3 | 274.3 |
| Receipts of factor income ........... | 222.8 | 234.3 | 227.1 | 235.4 | 248.8 | 248.2 | 261.6 |  |
| Capital grants received by the United States (net) $\qquad$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Payments to the rest of the world $\qquad$ | 1,041.2 | 1,105.1 | 1,092.0 | 1,099.0 | 1,153.4 | 1,170.4 | 1,221.9 |  |
| Imports of goods and services ... | 904.5 | 965.7 | 958.7 | 977.6 | 993.2 | 1,021.0 | 1,049.0 | 1,076.3 |
| Goods ${ }^{1}$............................. | 757.5 | 809.0 | 802.9 | 820.2 | 834.6 | 855.8 | 880.1 | '905.6 |
| Durable | 510.3 | 533.6 | 529.6 | 540.3 | 541.3 | 563.4 | 583.8 | 605.1 |
| Nondurable | 247.3 | 275.5 | 273.4 | 279.8 | 293.3 | 292.5 | 296.3 | 300.5 |
| Services ${ }^{1}$........................... | 146.9 | 156.7 | 155.8 | 157.5 | 158.6 | 165.2 | 168.9 | 170.6 |
| Payments of factor income ......... | 217.5 | 232.6 | 224.3 | 242.3 | 245.6 | 262.5 | 282.3 |  |
| Transier payments (net) | 33.6 | 39.8 | 34.7 | 35.4 | 47.4 | 35.2 | 36.5 | 35.7 |
| From persons (net) ................ | 14.8 | 15.9 | 15.8 | 15.9 | 16.7 | 17.0 | 17.6 | 17.9 |
| From government (net) ............ | 11.5 | 16.3 | 11.2 | 11.9 | 22.9 | 10.5 | 10.8 | 10.0 |
| From business ..................... | 7.3 | 7.6 | 7.6 | 7.7 | 7.8 | 7.7 | 8.1 | 7.8 |
| Net foreign investment ............... | -114.4 | -132.9 | -125.6 | -156.4 | -132.9 | -148.4 | -146.0 | ........ |

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

Table 4.2.-Real Exports and Imports of Goods and Services and Receipts and Payments of Factor Income [Billions of chained (1992) dollars]

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | 11 | lil | IV | 1 | 11 | III |
| Exports of goods and services | 791.2 | 857.0 | 847.4 | 851.4 | 901.1 | 922.7 | 962.5 | 975.7 |
|  | 573.9 | 628.4 | 619.2 | 623.0 | 666.2 | 686.2 | 725.8 | 735.7 |
| Durable | 411.2 | 463.3 | 459.1 | 460.8 | 494.0 | 517.0 | 555.8 | 563.4 |
| Nondurable ..................... | 164.1 | 169.1 | 164.5 | 166.4 | 177.0 | 176.0 | 179.2 | 181.7 |
| Services ${ }^{1}$........................... | 218.0 | 229.9 | 229.3 | 229.4 | 236.8 | 238.9 | 240.8 | 244.1 |
| Receipts of factor income ....... | 207.7 | 214.2 | 208.1 | 214.8 | 226.0 | 224.6 | 236.3 |  |
| Imports of goods and services | 890.1 | 971.5 | 960.0 | 990.2 | 1,006.6 | 1,048.9 | 1,099.1 | 1,135.6 |
| Goods ${ }^{1}$............................. | 749.2 | 823.1 | 811.7 | 841.7 | 857.5 | 891.3 | 938.4 | 972.7 |
| Durable .......................... | 511.7 | 569.9 | 559.8 | 582.6 | 596.6 | 630.8 | 660.7 | 690.7 |
| Nondurable ...................... | 237.2 | 253.5 | 251.9 | 259.4 | 261.6 | 263.3 | 280.1 | 285.5 |
| Services ${ }^{1}$........................... | 141.2 | 149.0 | 148.8 | 149.3 | 150.0 | 158.4 | 161.8 | 164.5 |
| Payments of factor income ..... | 200.7 | 210.2 | 203.7 | 218.1 | 219.8 | 234.0 | 250.8 |  |

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

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


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 atterations of equipment are reclassfified from goods to senices.
2. Includes parts of foods, feeds, and beverages; of nondurable industrial supplies and materials; and of nondura-
ble nonautomotive consumer goods.

Table 4.4.-Real Exports and Imports of Goods and Services by Type of
[Billions of chained (1992) dollars]

\begin{tabular}{|c|c|c|c|c|c|c|c|c|}
\hline \multirow[t]{3}{*}{} \& \multirow{3}{*}{1995} \& \multirow{3}{*}{1996} \& \multicolumn{6}{|c|}{Seasonally adjusted at annual rates} <br>
\hline \& \& \& \multicolumn{3}{|c|}{1996} \& \multicolumn{3}{|c|}{1997} <br>
\hline \& \& \& 11 \& III \& IV \& 1 \& II \& III <br>
\hline Exports of goods and services $\qquad$ \& 791.2 \& 857.0 \& 847.4 \& 851.4 \& 901.1 \& 922.7 \& 962.5 \& 975.7 <br>
\hline Exports of goods ${ }^{1} . . . . . . . . . . . . . . . . . . . . . . . ~$ \& 573.9 \& 628.4 \& 619.2 \& 623.0 \& 666.2 \& 686.2 \& 725.8 \& 735.7 <br>
\hline Foods, feeds, and beverages $\qquad$ Industrial supplies and materials ... \& 44.5
116.4 \& 44.0
121.9 \& 41.2
119.9 \& 121.8 \& 47.2
126.6 \& 43.2
127.6 \& 40.9
133.5 \& 42.2
135.4 <br>
\hline Durable goods ........................ \& 42.3 \& 44.8 \& 44.7 \& 45.4 \& 46.3 \& 46.9 \& 49.1 \& 49.2 <br>
\hline Nondurable goods \& 74.2 \& 77.1 \& 75.3 \& 76.0 \& 80.4 \& 80.8 \& 84.5 \& 86.2 <br>
\hline Capital goods, except automotive \& 263.5 \& 310.4 \& 306.6 \& 305.8 \& 337.2 \& 356.1 \& 388.7 \& 397.1 <br>
\hline Civilian aircraft, engines, and parts $\qquad$ \& 23.8 \& 27.0 \& 29.4 \& 23.3 \& 31.8 \& 33.7 \& 38.7 \& 29.9 <br>
\hline Computers, peripherals, and parts $\qquad$ \& 66.5 \& 97.2 \& 94.0 \& 100.3 \& 106.8 \& 122.3 \& 142.5 \& 163.5 <br>
\hline Other .................................................... \& 180.7 \& 203.3 \& 198.4 \& 202.4 \& 217.2 \& 224.7 \& 238.7 \& 250.2 <br>
\hline Automotive vehicles, engines, and parts $\qquad$ \& 60.0 \& 62.4 \& 61.6 \& 63.5 \& 64.1 \& 67.6 \& 69.8 \& 71.3 <br>
\hline Consumer goods, except \& \& \& \& \& \& \& \& <br>
\hline automotive ..... \& 62.6 \& 67.3 \& 67.1 \& 66.5 \& 69.8 \& 71.8 \& 75.2 \& 73.7 <br>
\hline Durable goods \& 32.3 \& 34.9 \& 34.7 \& 34.5 \& 36.8 \& 36.8 \& 39.7 \& 38.6 <br>
\hline Nondurable goods \& 30.3 \& 32.4 \& 32.4 \& 32.0 \& 33.0 \& 35.0 \& 35.5 \& 35.1 <br>
\hline Other \& 30.4 \& 31.5 \& 32.1 \& 31.6 \& 33.0 \& 35.1 \& 37.8 \& 37.2 <br>
\hline Durable goods \& 15.2 \& 15.8 \& 16.0 \& 15.8 \& 16.5 \& 17.6 \& 18.9 \& 18.6 <br>
\hline Nondurable goods ................... \& 15.2 \& 15.8 \& 16.0 \& 15.8 \& 16.5 \& 17.6 \& 18.9 \& 18.6 <br>
\hline Exports of services ${ }^{1}$..................... \& 218.0 \& 229.9 \& 229.3 \& 229.4 \& 236.8 \& 238.9 \& 240.8 \& 244.1 <br>
\hline Transiers under U.S. military agency sales contracts ... \& 11.6 \& 12.2 \& 13.4 \& 11.6 \& 13.5 \& 11.1 \& 12.6 \& 12.4 <br>
\hline Travel \& 59.1 \& 62.6 \& 62.5 \& 62.9 \& 64.4 \& 65.3 \& 63.4 \& 64.1 <br>
\hline Passenger fares \& 17.4 \& 18.7 \& 18.3 \& 19.1 \& 18.8 \& 20.7 \& 19.4 \& 19.7 <br>
\hline Other transportation. \& 26.6 \& 25.8 \& 25.9 \& 25.4 \& 26.7 \& 26.5 \& 27.2 \& 27.5 <br>
\hline Royalties and license fees \& 25.5 \& 27.4 \& 26.9 \& 27.3 \& 28.0 \& 28.0 \& 28.8 \& 29.1 <br>
\hline Other private services \& 61.8 \& 67.0 \& 66.1 \& 67.0 \& 69.3 \& 71.4 \& 73.5 \& 75.3 <br>
\hline Other. \& 16.1 \& 16.3 \& 16.2 \& 16.2 \& 16.2 \& 16.3 \& 16.3 \& 16. <br>
\hline Residual. \& -11.9 \& -27.7 \& -25.6 \& -29.9 \& -32.4 \& -42.8 \& -55.9 \& -72.2 <br>
\hline Imports of goods and services $\qquad$ \& 890.1 \& 971.5 \& 960.0 \& 990.2 \& 1,006.6 \& 1,048.9 \& 1,099.1 \& 1,135.6 <br>
\hline Imports of goods ${ }^{\text {1 }}$ \& 749.2 \& 823.1 \& 811.7 \& 841.7 \& 857.5 \& 891.3 \& 938.4 \& 972.7 <br>
\hline Foods, feeds, and beverages $\qquad$ Industrial supplies and materials, \& 29.3 \& 32.3 \& 31.8 \& 32.5 \& 33.2 \& 34.2 \& 35.3 \& 36.2

1255 <br>
\hline except petroieum and products \& 107.9 \& 114.2 \& 112.7 \& 116.9 \& 117.7 \& 118.3 \& 123.3 \& 125.5 <br>
\hline Durable goods \& 53.5 \& 57.3 \& 57.1 \& 58.8 \& 59.1 \& 59.1 \& 61.7 \& 61.9 <br>
\hline Nondurable goods \& 54.3 \& 56.8 \& 55.6 \& 58.1 \& 58.5 \& 59.2 \& 61.6 \& 63.6 <br>
\hline Petroleum and products ............... \& 59.3 \& 63.8 \& 65.9 \& 67.5 \& 64.0 \& 62.2 \& 68.1 \& 68.0 <br>
\hline Capital goods, except automotive \& 246.5 \& 294.5 \& 284.2 \& 298.6 \& 319.6 \& 340.3 \& 369.4 \& 398.2 <br>
\hline Civilian aircraft, engines, and parts $\qquad$ \& 9.8 \& 1.2 \& 1.3 \& 1.4 \& 12.2 \& 11.7 \& 13.2 \& 16.7 <br>
\hline Computers, peripherals, and parts \& 88.7 \& 118.3 \& \& 121.5 \& 130.2 \& 144.4 \& 165.2 \& <br>
\hline Other ................................................ \& 154.4 \& 177.6 \& 170.5 \& 179.1 \& 191.8 \& 202.8 \& 214.5 \& 223.5 <br>
\hline Automotive vehicles, engines, and parts $\qquad$ \& 114.8 \& 118.8 \& 119.0 \& 123.1 \& 118.7 \& 131.0 \& 127.6 \& 133.4 <br>
\hline Consumer goods, except \& \& \& \& \& \& \& \& <br>
\hline automotive \& 155.1 \& 165.3 \& 161.9 \& 167.6 \& 173.9 \& 176.5 \& 187.6 \& 189.0 <br>
\hline Durable goods ... \& 81.2 \& 86.6 \& 85.2 \& 88.6 \& 90.0 \& 91.5 \& 97.0 \& 96.5 <br>
\hline Nondurable goods \& 73.9 \& 78.7 \& 76.7 \& 78.9 \& 83.9 \& 84.9 \& 90.5 \& 92.4 <br>
\hline Other \& 40.2 \& 43.2 \& 43.2 \& 43.6 \& 44.0 \& 46.4 \& 49.6 \& 51.1 <br>
\hline Durable goods \& 20.1 \& 21.6 \& 21.6 \& 21.8 \& 22.0 \& 23.2 \& 24.8 \& 25.5 <br>
\hline Nondurable goods ................... \& 20.1 \& 21.6 \& 21.6 \& 21.8 \& 22.0 \& 23.2 \& 24.8 \& 25.5 <br>
\hline Imports of services ${ }^{1}$............... \& 141.2 \& 149.0 \& 148.8 \& 149.3 \& 150.0 \& 158.4 \& 161.8 \& 164.5 <br>
\hline Direct defense expenditures .......... \& 9.1 \& 10.1 \& 10.3 \& 10.3 \& 10.0 \& 11.0 \& 11.2 \& 11.7 <br>
\hline Travel \& 43.0 \& 44.6 \& 44.7 \& 43.0 \& 44.7 \& 49.1 \& 49.9 \& 50.3 <br>
\hline Passenger fares. \& 13.9 \& 14.9 \& 15.0 \& 15.0 \& 15.1 \& 15.7 \& 15.3 \& 15.5 <br>
\hline Other transportation. \& 28.0 \& 27.6 \& 28.2 \& 28.0 \& 27.4 \& 28.1 \& 28.9 \& 29.1 <br>
\hline Royalties and license fees. \& 6.1 \& 6.7 \& 6.2 \& 7.8 \& 6.4 \& 6.9 \& 7.6 \& 7.7 <br>
\hline Other private services. \& 35.4 \& 39.2 \& 38.6 \& 39.3 \& 40.3 \& 41.4 \& 42.9 \& 44.0 <br>
\hline Other \& 5.9 \& 6.0 \& 6.0 \& 6.1 \& 6.2 \& 6.3 \& 6.3 \& 6.4 <br>
\hline Residual ....................................... \& -10.7 \& -22.2 \& -19.7 \& -22.4 \& -29.1 \& -37.0 \& -47.3 \& -57.7 <br>
\hline Addenda: \& \& \& \& \& \& \& \& <br>
\hline Exports of agricultural goods ${ }^{2}$...... \& 49.5 \& 48.6 \& 45.4 \& 46.8 \& 51.7 \& 47.7 \& 47.2 \& 48.9 <br>
\hline Exports of nonagricultural goods ... \& 524.6 \& 581.3 \& 576.0 \& 578.1 \& 616.0 \& 641.6 \& 682.8 \& 690.8 <br>
\hline Imports of nonpetroleum goods ..... \& 688.6 \& 757.8 \& 74 \& 772.3 \& 792.7 \& 829.7 \& 870. \& 905.0 <br>
\hline
\end{tabular}

[^62] 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. indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.
The residual line following the detail for exports is the difference between the aggregate "exports of goods and servicess" and the sum of the detailed lines tor exports of goods and export of services. The residual line forlowing 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
[Bilions of dollars]

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | 11 | III | IV | 1 | 11 | 111 |
| Gross saving ..................................................................................................................................... | 1,165.5 | 1,267,8 | 1,256.3 | 1,295.9 | 1,303.0 | 1,332.9 | 1,396.9 |  |
| Gross private saving | 1,093.1 | 1,125.5 | 1,106.3 | 1,145.1 |  | 1,134.0 | 1,178.1 |  |
| Personal saving ................................................................................ | 254.6 | 239.6 | 225.7 | 254.0 | 220.4 | 215.9 | 247.0 | 211.1 |
| Undistributed corporate profits with inventory valuation and capital consumption adjustments ................ | 172.4 | 202.1 | 202.6 | 202.3 | 212.6 | 211.5 | 217.6 |  |
|  | 145.0 | 142.8 | 146.4 | 141.8 | 144.9 | 140.3 | 142.3 |  |
|  | -24.3 | -2.5 | -5.4 | -2.7 | 3.3 | 3.5 | 5.9 | 7.8 |
| Capital consumption adjustment ........................................................................................ | 51.6 | 61.8 | 61.6 | 63.2 | 64.4 | 67.7 | 69.4 | 70.4 |
| Corporate consumption of fixed capital | 428.9 | 452.3 | 448.5 | 455.5 | 462.0 | 467.4 | 472.6 | 478.6 |
| Noncorporate consumption of fixed capital ............................................................................ | 224.1 | 230.5 | 228.3 | 232.2 | 235.2 | 238.0 | 239.7 | 242.4 |
| Wage accruals less disbursements ...................................................................................... | 13.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.2 | 1.2 | 1.2 |
| Gross govemment saving .............................................................................................................................. | 72.4 | 142.3 | 150.0 | 150.8 | 171.6 | 198.9 | 218.8 |  |
|  | -103.6 | -39.2 | -40.2 | -28.3 | -5.9 | 15.9 | 34.7 |  |
| Consumption of fixed capital ............................................................................................ | 70.9 | 71.2 | 71.4 | 71.2 | 71.3 | 71.4 | 71.5 | 71.6 |
| Current surplus or deficit ( - ), national income and product accounts ........................................... | -174.4 | -110.5 | -111.6 | -99.5 | -77.1 | -55.5 | -36.8 |  |
| State and local | 176.0 | 181.5 | 190.2 | 179.1 | 177.5 | 182.9 | 184.1 |  |
|  | 72.9 | 76.2 | 75.8 | 76.5 | 77.2 | 78.2 | 79.2 | 79.7 |
| Current surplus or deficit ( - ), national income and product accounts ........................................... | 103.1 | 105.3 | 114.4 | 102.6 | 100.4 | 104.7 | 104.9 |  |
| Capital grants recelved by the United States (net) .................................................................... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gross investment | 1,137.2 | 1,207.9 | 1,206.0 | 1,216.4 | 1,243.5 | 1,268.6 | 1,323.4 |  |
| Gross private domestic investment | 1,038.2 | 1,116.5 | 1,105.4 | 1,149.2 | 1,151.1 | 1,193.6 | 1,242.0 | 1,253.6 |
| Gross government investment ............................................................................................... | 213.4 | 224.3 | 226.3 | 223.6 | 225.3 | 223.3 | 227.4 | 226.3 |
| Net foreign investment ............................................................................................................ | -114.4 | -132.9 | -125.6 | -156.4 | -132.9 | -148.4 | -14 |  |
| Statistical discrepancy ...................................................................................................... | -28.2 | -59.9 | $-50.2$ | -79.5 | -59.5 | -64.3 | -73.5 |  |
| Addendum: <br> Gross saving as a percentage of gross national product $\qquad$ | 16.0 | 16.6 | 16.5 | 16.9 | 16.7 | 16.8 | 17.4 |  |

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

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | 11 | III | IV | 1 | 1 | 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 |  | 227.4 | 226.8 | 234.6 |
| Nonresidential buildings, including farm $\qquad$ |  | 159.8 | 155.5 | 162.5 | 171.2 | 174.0 | 172.1 | 179.3 |
| Utilities ..................... | 143.8 33.2 | 33.3 | 32.9 | 32.7 | 34.1 | 32.0 | 33.7 | 33.4 |
| Mining exploration, shafts, and wells $\qquad$ | $\begin{array}{r} 16.3 \\ 7.3 \end{array}$ | $\begin{array}{r} 16.1 \\ 6.2 \end{array}$ |  | $\begin{array}{r} 16.5 \\ 6.0 \end{array}$ |  | 16.15.3 | 15.65.5 |  |
| Other structures ................. |  |  | $\begin{array}{r} 16.0 \\ 6.1 \end{array}$ |  | 16.0 5.8 |  |  | 16.1 5.8 |
| Producers' durable |  |  |  |  |  |  |  |  |
| equipment $\qquad$ Information processing and | 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 |
| Computers and peripheral equipment ${ }^{1}$ |  |  |  |  |  |  |  |  |
| Other .......................... | 107.2 | 116.3 | 114.1 | 120.3 | 119.3 | 121.0 | 123.9 | 131.2 |
| Industrial equipment .......... | 121.5 | 127.5 | 129.2 | 128.2 | 127.9 | 127.7 | 134.9 | 137.7 |
| Transporration and related |  | 134.5 |  |  |  |  |  |  |
| equipment ..................... | 125.7 |  | 130.8 | 140.0 | 140.1 | 137.7 | 147.1 | 157.3122.7 |
| Other ............... | 102.4 | 109.1 | 107.9 | 111.5 | 111.9 | 115.7 | 119.1 |  |
| Residential ............................. | 285.1 | 309.2 | 312.7 | 313.5 | 312.0 | 316.2 | 324.6 | 329.5 |
| Structures ......................... | 145.2 | $\begin{aligned} & 301.7 \\ & 159.1 \end{aligned}$ | $\begin{aligned} & 305.2 \\ & 160.2 \end{aligned}$ | $\begin{aligned} & 305.9 \\ & 162.7 \end{aligned}$ | $\begin{aligned} & 304,4 \\ & 160.6 \end{aligned}$ | $\begin{aligned} & 308.3 \\ & 161.0 \end{aligned}$ | $\begin{aligned} & 316.7 \\ & 162.5 \end{aligned}$ | $\begin{array}{r} 321.5 \\ 163.6 \\ 22.2 \\ 135.8 \end{array}$ |
| Single family .................... |  |  |  |  |  |  |  |  |
| Multifamily ....................... | 17.9 | 20.3 | 21.7 | 19.2 | 20.1 | 21.9 | 23.0 |  |
| Other structures ................ | $\begin{array}{r} 114.8 \\ 7.2 \\ \hline \end{array}$ | 122.3 | 123.2 | 124.5 | 123.7 | 125.3 | 131.2 |  |
| Producers' durable equipment $\qquad$ |  | 7.5 | 7.5 | 7.5 | 7.6 | 7.9 | 7.9 | 8.0 |

1. Includes new computers and peripheral equipment only.

Table 5.5.-Real Private Fixed Investment by Type
[Billions of chained (1992) dollars]

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | II | 111 | IV | 1 | 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 |  | 808.9 | 837.0 | 873.7 |
| Structures | 179.9 | 188.7 | 185.6 | 190.0 | 196.9 | 195.9 | 193.5 |  |
| Nonresidential buildings, including farm $\qquad$ | 128.8 | 140.0 | 137.0 | 141.7 | 148.4 | 150.1 | 147.1 | 151.7 |
| Utilities ............................ | 30.0 |  | 29.1 | 28.7 | 29.5 | 27.5 | 28.7 | 28.2 |
| Mining exploration, shafts, and wells $\qquad$ | 14.3 | 13.9 | 13.95.4 | $\begin{array}{r} 14.1 \\ 5.4 \end{array}$ | $\begin{array}{r} 13.8 \\ 5.1 \end{array}$ |  | 13.04.7 | 13.35.0 |
| Other structures ................ | 6.7 | 5.5 |  |  |  | $\begin{array}{r} 13.6 \\ 4.6 \end{array}$ |  |  |
| Producers' durable equipment $\qquad$ | 528.3 | 586.0 | 577.1 | 602.9 | 606.7 | 616 | 649.3 | 682.6 |
| Information processing and |  |  |  |  |  |  |  |  |
| related equipment | 201.8 | 253.1 | 244.8 | 264.3 | 270.4 | 281.4 | 296.9 | 319.3 |
| Computers and |  |  |  |  |  |  |  |  |
| peripheral equipment ${ }^{1}$ | 102.8 | 160.8 | $\begin{aligned} & 152.0 \\ & 114.0 \end{aligned}$ | $\begin{aligned} & 170.0 \\ & 120.3 \end{aligned}$ | $\begin{aligned} & 182.4 \\ & 119.3 \end{aligned}$ | $\begin{aligned} & 195.8 \\ & 121.5 \end{aligned}$ | $\begin{aligned} & 216.1 \\ & 124.4 \end{aligned}$ | 238.4131.5 |
| Other .......................... | 107.0 | 116.3 |  |  |  |  |  |  |
| Industrial equipment .......... | 113.4 | 117.0 | 118.8 | 117.6 | 116.9 | 116.8 | 123.5 | 125.8 |
| Transportation and related | 118.9 | 125.0 | 121.8 | 129.5 | 129.7 | 127.5 | 136.0 |  |
| Other .......... | 97.0 | 100.8 | 100.1 |  | 102.5 | 106.1 |  | $\begin{aligned} & 144.5 \\ & 112.6 \end{aligned}$ |
| Residential ... | 257.0 | 272.1 | 277.2 | 274.1 | 271.1 | 273.3 | 278.2 | 280.2 |
| Structures | 250.0 | 265.0 | 270.0 | 266.9 | 263.9 | 265.9 | 270.8 | 272.6 |
| Single family. | 126.9 | 136.618.6 | $\begin{array}{r} 138.6 \\ 20.2 \end{array}$ | 138.317.5 | 136.218.0 | 136.219.6 | 136.520.4 | 136.219.5 |
| Mutifamily .... | 16.9 |  |  |  |  |  |  |  |
| Other structures ................ | 106.7 | $\begin{array}{r} 110.2 \\ 7.1 \\ -39.4 \end{array}$ | $\begin{array}{r} 111.7 \\ 7.2 \\ -34.1 \\ \hline \end{array}$ | $\begin{array}{r} 111.5 \\ 7.2 \\ -43.7 \end{array}$ | $\begin{array}{r} 110.0 \\ 7.2 \\ -50.3 \end{array}$ | $\begin{array}{r} 110.5 \\ 7.4 \\ -58.2 \\ \hline \end{array}$ | $\begin{array}{r} 114.4 \\ 7.5 \\ -70.0 \end{array}$ | $\begin{array}{r} 117.5 \\ 7.6 \\ -83.2 \end{array}$ |
| Producers' durable equipment $\qquad$ | 7.0 |  |  |  |  |  |  |  |
| Residual ................................ | -14.3 |  |  |  |  |  |  |  |

[^63]NoIE.-Chained (1992) doliar 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 usualy not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

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

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | II | III | IV | 1 | 11 | III |
| Change in business inventories .... | 30.1 | 25.9 | 23.4 | 37.1 | 31.9 | 66.1 | 81.1 | 53.0 |
| Farm ................................................. | -7.9 | 2.9 | 6.2 | 5.8 | 3.2 | 3.9 | 6.2 | 7.8 |
| Nonfarm ............................................ | 38.1 | 23.0 | 17.2 | 31.3 | 28.7 | 62.2 | 74.9 | 45.3 |
| Change in book value .................................................. | 67.2 | 28.2 | 22.0 | 33.8 | 32.6 | 44.5 | 57.5 | 38.5 |
| Inventory valuation adjustment .......... | -29.2 | -5.1 | -4.8 | -2.4 | -3.9 | 17.7 | 17.4 | 6.8 |
| Manufacturing ................................. | 8.4 | 10.6 | . 5 | 15.3 | 13.3 | 22.3 | 30.9 | 22.0 |
| Durable goods .............................. | 5.8 | 10.2 | 4.7 | 14.4 | 6.8 | 12.9 | 19.1 | 16.9 |
| Nondurable goods .......................... | 2.6 | . 4 | -4.2 | . 9 | 6.4 | 9.3 | 11.8 | 5.1 |
| Wholesale trade ............................... | 13.4 | 3.3 | 4.8 | -7.7 | 10.1 | 24.3 | 26.0 | 8.3 |
| Durable goods ............................. | 11.7 | 2.5 | 4.1 | 4.7 | -5.5 | 15.4 | 23.5 | -2.8 |
| Nondurable goods ......................... | 1.7 | . 8 | . 7 | -12.4 | 15.6 | 8.9 | 2.4 | 11.1 |
| Merchant wholesalers .................. | 11.3 | 2.4 | 3.6 | -8.0 | 11.7 | 18.9 | 18.4 | 6.6 |
| Durable goods ....................... | 10.1 | 1.9 | 3.1 | 4.2 | -3.2 | 12.3 | 18.6 | -3.3 |
| Nondurable goods ................. | 1.2 | . 5 | . 5 | -12.1 | 14.8 | 6.6 | -. 2 | 9.9 |
| Nonmerchant wholesalers ............ | 2.1 | . 9 | 1.2 | . 3 | -1.6 | 5.4 | 7.6 | 1.7 |
| Durable goods ....................... | 1.7 | . 6 | 1.0 | . 6 | -2.3 | 3.1 | 4.9 | . 5 |
| Nondurable goods .................. | . 5 | . 3 | . 2 | -. 3 | . 8 | 2.3 | 2.7 | 1.2 |
| Retail trade | 9.3 | 4.1 | 8.1 | 21.2 | 1.1 | . 6 | 8.3 | 8.3 |
| Durable goods | 6.9 | 1.9 | 9.1 | 14.6 | $-3.3$ | 1.4 | 2.4 | 8.0 |
| Motor vehicle dealers ................. | 4.6 | -1.6 | 5.3 | 11.9 | -5.3 | -2.9 | -4.0 | 5.7 |
| Other .................................... | 2.3 | 3.5 | 3.9 | 2.7 | 2.0 | 4.2 | 6.4 | 2.3 |
| Nondurable goods .......................... | 2.4 | 2.3 | -1.1 | 6.6 | 4.4 | -. 8 | 5.9 | . 2 |
| Other | 7.0 | 5.0 | 3.8 | 2.5 | 4.3 | 15.2 | 9.8 | 6.7 |
| Durable goods ............................. | 4.6 | 2.3 | . 1 | -. 5 | . 8 | 2.1 | 1.8 | 2.6 |
| Nondurable goods ........................... | 2.3 | 2.6 | 3.7 | 2.9 | 3.4 | 13.0 | 8.0 | 4.1 |

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

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

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | 11 | III | IV | 1 | 11 | III |
| Change in business inventories .... | 27.3 | 25.0 | 21.3 | 37.9 | 32.9 | 63.7 | 77.6 | 51.5 |
| Farm ................................................... | -9.2 | 2.6 | 4.2 | 6.5 | 6.4 | 5.3 | 7.5 | 9.1 |
| Nonfarm | 35.7 | 22.5 | 17.3 | 31.6 | 26.5 | 58.3 | 70.1 | 42.6 |
| Manufacturing | 7.8 | 9.9 | . 6 | 14.3 | 12.3 | 20.9 | 29.0 | 20.7 |
| Durable goods ............................... | 5.5 | 9.7 | 4.6 | 13.8 | 6.6 | 12.3 | 18.2 | 16.2 |
| Nondurable goods ......................... | 2.3 | . 4 | -3.7 | . 8 | 5.7 | 8.5 | 10.8 | 4.7 |
| Wholesale trade ............................... | 12.7 | 4.0 | 5.5 | -5.0 | 9.4 | 22.9 | 24.6 | 7.9 |
| Durable goods .............................. | 11.3 | 2.4 | 3.9 | 4.5 | -5.2 | 14.8 | 22.7 | -2.7 |
| Nondurable goods ......................... | 1.5 | 1.6 | 1.7 | -9.0 | 13.9 | 8.1 | 2.3 | 10.2 |
| Merchant wholesalers ................... | 10.6 | 3.2 | 4.4 | -5.2 | 10.9 | 17.8 | 17.5 | 6.2 |
| Durable goods ....................... | 9.6 | 1.8 | 3.0 | 3.9 | -3.0 | 11.8 | 17.9 | -3.1 |
| Nondurable goods .................. | 1.1 | 1.3 | 1.5 | -8.7 | 13.3 | 6.0 | - 1 | 9.0 |
| Nonmerchant wholesalers ............ | 2.1 | 8 | 1.1 | . 3 | -1.5 | 5.1 | 7.2 | 1.6 |
| Durable goods ....................... | 1.6 | . 6 | . 9 | . 5 | -2.3 | 3.0 | 4.8 | . 5 |
| Nondurable goods ................... | . 4 | . 3 | . 2 | -. 2 | . 6 | 2.1 | 2.5 | 1.1 |
| Retail trade .................................... | 8.8 | 4.0 | 7.8 | 20.0 | . 9 | . 6 | 7.7 | 7.8 |
| Durable goods .............................. | 6.3 | 1.7 | 8.3 | 13.3 | -3.0 | 1.2 | 2.0 | 7.4 |
| Motor vehicle dealers ................. | 4.1 | -1.4 | 4.6 | 10.6 | -4.7 | -2.5 | -3.7 | 5.2 |
| Other ..................................... | 2.2 | 3.3 | 3.6 | 2.5 | 1.8 | 3.9 | 5.9 | 2.2 |
| Nondurable goods ......................... | 2.3 | 2.3 | -.8 | 6.5 | 4.1 | -.7 | 5.8 | . 3 |
| Other | 6.5 | 4.5 | 3.4 | 2.3 | 3.9 | 13.7 | 8.9 | 6.1 |
| Durable goods | 4.1 | 2.1 | . 1 | -4 | 7 | 1.8 | 1.5 | 2.3 |
| Nondurable goods ........................... | 2.3 | 2.4 | 3.4 | 2.8 | 3.2 | 12.0 | 7.5 | 3.9 |
| Residual .............................................. | 1.0 | -. 4 | -. 3 | -. 7 | . 5. | . 2 | -1.0 | . 1 |

NOTE.-Chained (1992) doilar series for real change in business inventories are calculated as the period-to-period change in chained-dollar end-ot-period inventories. Quarterly changes in end-of-period inventories are stated at annual rates. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not addifive. 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

|  | Seasonally adjusted quarterly totals |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1996 |  |  | 1997 |  |  |
|  | 11 | III | IV | 1 | 11 | 11 |
| Inventories ${ }^{1}$ | 1,276.9 | 1,287.1 | 1,294.5 | 1,306.1 | 1,318.1 | 1,334.7 |
| Farm | 104.3 | 106.0 | 102.6 | 107.2 | 107.7 | 110.0 |
| Nonfarm | 1,172.6 | 1,181.2 | 1,191.9 | 1,198.9 | 1,210.4 | 1,224.7 |
| Durable goods ..................................... | 667.1 | 675.6 | 675.2 | 684.4 | 693.2 | 698.5 |
| Nondurable goods .................................. | 505.5 | 505.5 | 516.7 | 514.5 | 517.2 | 526.2 |
| Manufacturing | 432.5 | 436.3 | 440.3 | 443.3 | 448.0 | 453.2 |
| Durable goods ........................................................................... | 268.4 | 271.4 | 273.7 | 277.0 | 280.7 | 284.6 |
| Nondurable goods ................................. | 164.0 | 164.9 | 166.6 | 166.3 | 167.3 | 168.6 |
| Wholesale trade .... | 303.2 | 300.3 | 300.8 | 306.2 | 310.8 | 314.5 |
| Durable goods ...................................... | 185.3 | 186.6 | 184.9 | 188.7 | 194.4 | 193.4 |
| Nondurable goods .................................. | 117.9 | 113.6 | 116.0 | 117.5 | 116.4 | 121.1 |
| Merchant wholesalers ........................... | 261.5 | 257.9 | 258.6 | 263.4 | 266.6 | 269.4 |
| Durable goods ............................... | 160.7 | 161.9 | 160.7 | 163.9 | 168.4 | 167.2 |
| Nondurable goods ........................... | 100.8 | 96.0 | 97.9 | 99.5 | 98.2 | 102.2 |
| Nonmerchant wholesalers ..................... | 41.7 | 42.4 | 42.3 | 42.8 | 44.2 | 45.1 |
| Durable goods ............................... | 24.6 | 24.8 | 24.1 | 24.9 | 26.1 | 26.1 |
| Nondurable goods ........................... | 17.1 | 17.6 | 18.1 | 17.9 | 18.2 | 18.9 |
| Retail trade ................................................ | 306.0 | 312.5 | 313.0 | 313.3 | 313.2 | 316.3 |
| Durable goods ................................................... | 164.9 | 168.8 | 167.7 | 168.7 | 167.7 | 169.6 |
| Motor vehicle dealers ........................... | 82.6 | 85.5 | 83.9 | 83.6 | 80.9 | 82.4 |
| Other .................................................. | 82.4 | 83.3 | 83.9 | 85.1 | 86.7 | 87.3 |
| Nondurable goods ................................. | 141.1 | 143.6 | 145.3 | 144.6 | 145.6 | 146.6 |
| Other ..................................................... | 130.9 | 132.1 | 137.7 | 136.1 | 138.3 | 140.8 |
| Durable goods ..................................... | 48.5 | 48.7 | 48.9 | 50.0 | 50.5 | 50.9 |
| Nondurable goods ................................... | 82.4 | 83.4 | 88.8 | 86.2 | 87.9 | 89.9 |
| Final sales of domestic business ${ }^{2}$.......... | 529.5 | 533.1 | 542.6 | 550.0 | 556.2 | 565.5 |
| Final sales of goods and structures of domestic business ${ }^{2}$ $\qquad$ | 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 $\qquad$ | 4.11 | 4.13 | 4.11 | 4.08 | 4.09 | 4.06 |

1. Inventories are as of the end of the quarter. The quarter-to-quarter change in inventories calculated from cur-rent-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-ot-quarter prices. The later is the change in the physical volume of inventories valued at average prices of the quarter. In acdition,
changes calculated from this table are at quarterly rates; whereas, CBI is stated at annual rates. changes calculated from this table are at quarienly rates; whereas, cBi is stated at annual rates.
2. Quarterly totals at monthly rates. Final sales of domestic business equals final sales of do gross product of households and institutions and of general govemment and includes a small amount of finai sales by farm.

Table 5.13.-Real Inventories and Real Domestic Final Sales of Business by Industry
[Billions of chained (1992) dollars]

|  | Seasonally adjusted quarterly totals |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1996 |  |  | 1997 |  |  |
|  | II | III | IV | 1 | 11 | III |
| Inventories ${ }^{1}$ | 1,191.2 | 1,200.7 | 1,208.9 | 1,224.8 | 1,244,2 | 1,257.1 |
| Farm | 99.3 | 100.9 | 102.5 | 103.8 | 105.7 | 108.0 |
| Nonfarm | 1,091.4 | 1,099.3 | 1,105.9 | 1,120.5 | 1,138.0 | 1,148.7 |
| Durable goods | 626.5 | 634.3 | 634.0 | 641.5 | 652.5 | 658.3 |
| Nondurable goods .................................. | 464.8 | 464.9 | 471.7 | 478.8 | 485.4 | 490.2 |
| Manufacturing | 403.0 | 406.6 | 409.7 | 414.9 | 422.1 | 427.3 |
| Durable goods ..................................... | 255.9 | 259.3 | 260.9 | 264.0 | 268.6 | 272.6 |
| Nondurable goods ................................. | 147.3 | 147.5 | 148.9 | 151.1 | 153.8 | 154.9 |
| Wholesale trade | 281.3 | 280.1 | 282.4 | 288.1 | 294.3 | 296.3 |
| Durable goods ................................................................... | 178.1 | 179.2 | 177.9 | 181.6 | 187.3 | 186.6 |
| Nondurable goods ................................. | 103.3 | 101.1 | 104.6 | 106.6 | 107.2 | 109.7 |
| Merchant wholesalers | 241.4 | 240.1 | 242.8 | 247.3 | 251.7 | 253.2 |
| Durable goods ............................................ | 154.1 | 155.1 | 154.3 | 157.3 | 161.8 | 161.0 |
| Nondurable goods | 87.5 | 85.3 | 88.6 | 90.1 | 90.1 | 92.3 |
| Nonmerchant wholesalers ....................... | 39.9 | 39.9 | 39.5 | 40.8 | 42.6 | 43.0 |
| Durable goods ............................... | 24.0 | 24.2 | 23.6 | 24.3 | 25.5 | 25.7 |
| Nondurable goods ........................... | 15.9 | 15.8 | 16.0 | 16.5 | 17.1 | 17.4 |
| Retail trade | 287.4 | 292.4 | 292.7 | 292.8 | 294.7 | 296.7 |
| Durable goods ..................................... | 149.8 | 153.2 | 152.4 | 152.7 | 153.2 | 155.1 |
| Motor vehicle dealers | 73.0 | 75.7 | 74.5 | 73.9 | 73.0 | 74.2 |
| Other .-............................................... | 76.9 | 77.5 | 78.0 | 79.0 | 80.4 | 81.0 |
| Nondurable goods ................................. | 137.3 | 138.9 | 140.0 | 139.8 | 141.2 | 141.3 |
| Other .................................................... | 119.5 | 120.1 | 121.1 | 124.5 | 126.7 | 128.3 |
| Durable goods ......................................... | 42.4 | 42.3 | 42.5 | 42.9 | 43.3 | 43.9 |
| Nondurable goods ................................... | 77.0 | 77.7 | 78.4 | 81.4 | 83.3 | 84.3 |
| Residual .................................................. | . 6 | . 5 | . 7 | . 7 | . 4 | . 5 |
| Final sales of domestic business ${ }^{2}$ | 484.5 | 484.7 | 491.1 | 495.1 | 498.5 | 505.4 |
| Final sales of goods and structures of domestic business ${ }^{2}$ | 268.4 | 268.2 | 271.8 | 274.5 | 275.6 | 280.4 |
| Ratio of inventories to final sales of domestic business |  |  |  |  |  |  |
| Inventories to final sales | 2.46 | 2.48 | 2.46 | 2.47 | 2.50 | 2.49 |
| Nonfarm inventories to final sales | 2.25 | 2.27 | 2.25 | 2.26 | 2.28 | 2.27 |
| Nonfarm inventories to final sales of goods and structures $\qquad$ | 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 quarlerly rates, whereas, the chance in the business inventories component of GDP is stated at annua rales.
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) dolla corresponding series, divided by 100 . Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines for inventories.
3. Income and Employment by Industry

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

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | 11 | III | IV | 1 | 1 | III |
| National Income without capital consumption adjustment $\qquad$ | $\left\|\begin{array}{l} 5,888.4 \\ 5,883.2 \end{array}\right\|$ | $\left.\begin{array}{\|c\|c\|c\|} 6,219,6 \\ 6 \end{array} \right\rvert\,$ | $6,\left.193.7\right\|_{6} ^{6}$ | $\begin{aligned} & 6,267.7 \\ & 6,274.7 \end{aligned}$ | $\left\|\begin{array}{l} 6,340.4 \\ 6,337.3 \end{array}\right\|$ | $\left\lvert\, \begin{aligned} & 6,470.8 \\ & 6,485.1 \end{aligned}\right.$ | $\left\|\begin{array}{\|c\|} 6,557.3 \\ 6,578.0 \end{array}\right\|$ | .......... |
| Domestic industries |  | $6,217,9$ | $\|6,190.9\|$ |  |  |  |  | ........... |
| 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 $\qquad$ | 88.2 | 105.6 | 104.8 | 109.0 | 109.6 | 110.8 | 115.5 |  |
| Mining .................................... | 45.0 | 46.9 | 47.8 | 46.9 | 45.0 | 48.2 | 49.2 |  |
| Construction ..................... | 266.7 | 285.2 | 283.3 | 286.9 | 291.4 | 298.2 | 302.2 |  |
| Manufacturing .............. | 1,069.2 | 1,110.1 | 1,110.7 | 1,120.8 | 1,122.1 | 1,134.6 | 1,160.5 |  |
| Durable goods ............... | 608.2 | 634.5 | 636.2 | 642.7 | 639.4 | 651.0 | 669.7 |  |
| Nondurable goods ......... | 461.0 | 475.6 | 474.5 | 478.1 | 482.8 | 483.6 | 490.8 |  |
| Transportation and public utilities $\qquad$ | 440.7 | 456.7 | 460.8 | 459.3 | 457.3 | 467.1 | 471.5 |  |
| Transportation ................... | 184.4 | 191.0 | 191.3 | 194.6 | 192.3 | 199.6 | 203.0 |  |
| Communications ............ | 128.5 | 135.0 | 137.0 | 137.0 | 133.1 | 135.5 | 135.2 |  |
| Electric, gas, and sanitary services ........ | 127.8 | 130.8 | 132.6 | 127.7 | 131.9 | 132.0 | 133.3 |  |
| Wholesale trade ...... | 325.4 | 349.1 | 340.0 | 350.6 | 364.8 | 372.4 | 379.3 |  |
| Retail trade ................. | 480.1 | 503.7 | 503.9 | 506.8 | 512.3 | 527.7 | 533.0 |  |
| Finance, insurance, and real estate $\qquad$ | 1,024.4 | 1,095.3 | 1,091.2 | 1,111.5 | 1,116.5 | 1,168.9 | 1,185.0 |  |
| Services .......................... | 1,318.1 | 1,410.1 | 1,396.6 | 1,423.2 | 1,452.9 | 1,481.1 | 1,500.1 |  |
| Government ......................... | 825.3 | 855.3 | 851.8 | 859.7 | 865.2 | 876.2 | 881.9 |  |
| Rest of the world ..................... | 5.2 | 1.7 | 2.8 | -7.0 | 3.1 | -14.3 | -20.7 |  |

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

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | II | III | IV | 1 | II | III |
| Corporate profits with inventory valuation and capital consumption adjustments $\qquad$ | $\left\|\begin{array}{r} 650.0 \\ 563.2 \\ 88.7 \\ 474.6 \end{array}\right\|$ | $\begin{aligned} & 735.9 \\ & 640.0 \end{aligned}$ | $738.5$ | $\begin{aligned} & 739.6 \\ & 647.8 \end{aligned}$ | $\begin{aligned} & 747.8 \\ & 640.3 \end{aligned}$ | $\left.\begin{aligned} & 779.6 \\ & 682.2 \end{aligned} \right\rvert\,$ | $\begin{aligned} & 795.1 \\ & 694.4 \end{aligned}$ | .............. |
| Domestic industries |  |  |  |  |  |  |  |  |
| Financial |  | 94.2 | 102.4 | 94.6 | 78.5 | 106.8 | 107.7 |  |
| Nonfinancial .................. |  | 545.8 | 542.8 | 553.3 | 561.7 | 575.4 | 586.7 |  |
| Rest of the world .. | 86.7 | 95.9 | 93.3 | 91.8 | 107.5 | 97.4 | 100.8 |  |
| Receipts from the rest of the world | 120.2 | 132.7 | 128.9 | 133.4 | 142.6 | 139.9 | 148.3 |  |
| Less: Payments to the rest of the world | 33.5 | 36.7 | 35.7 | 41.6 | 35.0 | 42.5 | 47.5 |  |
| Corporate profits with inventory valuation adjustment $\qquad$ | 598.4 | 674,1 | 676.8 | 676.4 | 683.4 | 711.9 | 725.7 |  |
| Domestic industries ............................ | 511.7 | 578.2 | 583.5 | 584.6 | 575.8 | 614.5 | 624.9 |  |
| Financial ......................................... | 97.6 | 103.5 | 111.5 | 104.0 | 88.1 | 116.5 | 117.5 |  |
| Federal Reserve banks ................... | 22.2 | 22.0 | 21.9 | 22.0 | 22.3 | 22.8 | 23.2 |  |
| Other ....................... | 75.4 | 81.5 | 89.6 | 82.0 | 65.8 | 93.7 | 94.3 |  |
| Nonfinancial | 414.1 | 474.7 | 472.0 | 480.7 | 487.8 | 498.0 | 507.4 |  |
| Manufacturing .............................. | 181.3 | 205.5 | 204.8 | 210.5 | 209.7 | 208.2 | 221.0 |  |
| Durable goods .......................... | 85.2 | 99.0 | 98.9 | 102.9 | 99.7 | 101.3 | 111.8 |  |
| Primary metal industries ........... | 6.5 | 5.6 | 4.4 | 7.0 | 5.1 | 3.9 | 5.6 |  |
| Fabricated metal products ........ Industrial machinery and | 12.4 | 17.1 | 16.2 | 18.0 | 18.1 | 17.4 | 18.4 |  |
| equipment ..................... | 22.0 | 25.8 | 25.9 | 25.6 | 24.6 | 24.0 | 27.8 |  |
| Electronic and other electric |  |  |  |  |  |  |  |  |
| equipment .......................... | 19.2 | 23.9 | 21.7 | 25.2 | 29.6 | 31.4 | 33.3 |  |
| Motor vehicles and equipment | -. 2 | -3.2 | - $0^{-1}$ | -1.5 | -8.3 | -1.3 | -3.5 |  |
|  | 25.3 | 29.8 | 30.8 | 28.6 | 30.6 | 25.9 | 30.2 |  |
| Nondurable goods ..................... | 96.0 | 106.5 | 105.8 | 107.7 | 109.9 | 106.9 | 109.2 |  |
| Food and kindred products ....... | 27.1 | 28.5 | 23.8 | 28.8 | 34.2 | 28.0 | 28.2 |  |
| Chemicals and allied products | 30.3 | 31.2 | 32.4 | 31.5 | 28.9 | 28.8 | 29.9 |  |
| Petroleum and coal products .... | 6.0 | 10.0 | 12.8 | 10.0 | 11.9 | 12.4 | 10.3 |  |
| Other .................................. | 32.6 | 36.8 | 36.9 | 37.3 | 34.9 | 37.7 | 40.8 |  |
| Transportation and public utilities ..... | 86.4 | 91.7 | 96.0 | 91.2 | 90.5 | 91.5 | 89.6 |  |
| Transportation ............................. | 11.4 | 11.7 | 12.5 | 13.0 | 11.4 | 14.9 | 16.4 |  |
| Communications | 33.6 | 36.0 | 37.3 | 37.6 | 34.8 | 33.8 | 30.8 |  |
| Electric, gas, and sanitary services | 41.4 | 44.0 | 46.2 | 40.6 | 44.3 | 42.8 | 42.4 |  |
| Wholesale trade ............................ | 26.9 | 38.3 | 30.8 | 37.7 | 47.4 | 49.0 | 49.5 |  |
|  | 41.9 | 48.9 | 50.6 | 50.6 | 48.3 | 55.1 | 54.9 |  |
| Other ..................................................... | 77.6 | 90.3 | 89.7 | 90.6 | 91.9 | 94.2 | 92. |  |
| Rest of the world .................................... | 86.7 | 95.9 | 93.3 | 91.8 | 107.5 | 97.4 | 100.8 |  |

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

## 7. Quantity and Price Indexes

Table 7.1.—Quantity and Price Indexes for Gross Domestic Product
[Index numbers, 1992=100]


NOTE.- Chain-type quantity and price indexes are calculated from weighted averages of the detailed output and dollar output multiplied by 100. 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-

[^64]Table 7.2.-Quantity and Price Indexes for Gross Domestic Product, Final Sales, and Purchases
[Index numbers, 1992=100]

|  | 1995 | 1996 | Seasonally adjusted |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | 11 | III | IV | 1 | II | III |
| Gross domestic product: <br> Current dollars $\qquad$ Chain-type quantity index $\qquad$ Chain-type price index Implicit price deflator $\qquad$ $\qquad$ |  |  |  |  |  |  |  |  |
|  | 116.35 | 122.29 | 121.83 | 122.93 | 124.80 | 127.05 | 128.66 | 130.22 |
|  | 107.97 | 110.95 | 110.92 | 111.20 | 112.38 | 113.73 | 114.66 | 115.65 |
|  | 107.76 | 110.22 | 109.86 | 110.59 | 111.10 | 111.78 | 112.27 | 112.66 |
|  | 107.76 | 110.21 | 109.84 | 110.54 | 111.05 | 111.71 | 112.22 | 112.60 |
| Final sales of domestic product: Current dollars $\qquad$ Chain-type quantity index $\qquad$ Chain-type price index Implicit price deflator$\qquad$$\qquad$ |  |  |  |  |  |  |  |  |
|  | 116.00 | 122.01 | 121.59 | 122.47 | 124.43 | 126.13 | 127.51 | 129.52 |
|  | 107.62 | 110.64 | 110.66 | 110.70 | 111.93 | 112.77 | 113.47 | 114.86 |
|  | 107.79 | 110.28 | 109.91 | 110.65 | 111.17 | 111.85 | 112.37 | 112.77 |
|  | 107.79 | 110.28 | 109.88 | 110.63 | 111.16 | 111.85 | 112.37 | 112.77 |
| Gross domestic purchases: |  |  |  |  |  |  |  |  |
| Current dollars ................... | 117.17 | 123.22 | 122.75 | 124.16 | 125.62 | 128.03 | 129.47 | 131.32 |
| Chain-type quantity index ....... | 108.98 | 112.17 | 112.11 | 112.77 | 113.46 | 115.09 | 116.14 | 117.45 |
| Chain-type price index ........... | 107.52 | 109.86 | 109.50 | 110.15 | 110.79 | 111.32 | 111.55 | 111.89 |
| Implicit price deflator ............. | 107.52 | 109.85 | 109.49 | 110.10 | 110.72 | 111.24 | 111.48 | 111.81 |
| Final sales to domestic purchasers: Current dollars Chain-type quantity index $\qquad$ Chain-type price index $\qquad$ Implicit price deflator $\qquad$ | 116.82 | 122.95 | 122.52 | 123.71 | 125.25 | 127.11 | 128.32 | 130.62 |
|  | 108.63 | 111.86 | 111.86 | 112.28 | 113.02 | 114.14 | 114.96 | 116.66 |
|  | 107.54 | 109.91 | 109.54 | 110.20 | 110.85 | 111.39 | 111.65 | 111.99 |
|  | 107.54 | 109.91 | 109.53 | 110.18 | 110.83 | 111.37 | 111.62 | 111.97 |
| Addenda: <br> Chain-type price indexes for gross domestic purchases: Food $\qquad$ Energy $\qquad$ Gross domestic purchases less food and energy ..... |  |  |  |  |  |  |  |  |
|  | 106.38 | 109.42 | 108.76 | 109.98 | 111.02 | 111.35 | 111.79 | 112.67 |
|  | 101.92 | 107.01 | 107.91 | 106.72 | 109.23 | 110.89 | 105.91 | 106.11 |
|  | 107.93 | 110.06 | 109.67 | 110.34 | 110.86 | 111.36 | 111.81 | 112.09 |

NoTE.-Percent changes from preceding period for selected items in this table are shown in table 8.1.
Table 7.3.-Quantity and Price Indexes for Gross National Product and Command-Basis Gross National Product
[Index numbers, 1992=100]

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

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

Table 7.4.-Chain-Type Quantity and Price Indexes for Personal Consumption Expenditures by Major Type of Product
[Index numbers, 1992=100]

|  | 1995 | 1996 | Seasonally adjusted |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | II | III | IV |  | 11 | III |
| Chain-type quantity |  |  |  |  |  |  |  |  |
| Personal consumption expenditures $\qquad$ | 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 $\qquad$ Furniture and household | 110.96 | 111.82 | 113.23 | 111.06 | 110.19 | 112.83 | 107.82 | 113.72 |
| equipment ............... | 131.20 | 142.35 | 142.54 | 143.80 | 146.18 | 151.75 | 154.35 | 159.99 |
| Other ........... | 116.10 | 122.72 | 122.87 | 122.66 | 125.98 | 131.48 | 129.70 | 131.66 |
| Nondurable goods.. | 106.86 | 108.36 | 108.30 | 108.48 | 109.03 | 110.29 | 109.70 | 110.97 |
| Food | 104.63 | 104.51 | 104.59 | 104.14 | 104.39 | 105.25 | 104.28 | 104.40 |
| Clothing and shoes. | 114.19 | 118.70 | 118.99 | 120.09 | 119.73 | 122.88 | 121.39 | 125.17 |
| Gasoline and oil ...... | 106.12 | 107.02 | 107.43 | 107.01 | 107.69 | 107.56 | 108.95 | 109.84 |
| Fuel oil and coal | 96.27 | 97.19 | 95.34 | 96.86 | 94.75 | 86.25 | 92.53 |  |
| Other | 107.06 | 110.16 | 109.50 | 110.55 | 112.37 | 114.07 | 113.98 | 116.03 |
| Services | 107.89 | 110.86 | 110.67 | 110.93 | 111.99 | 113.05 | 114.13 | 115.29 |
| Housing | 106.40 | 108.25 | 108.02 | 108.48 | 108.97 | 109.52 | 110.09 | 110.66 |
| Household operation ..... | 113.97 | 116.65 | 117.64 | 115.15 | 117.51 | 116.02 | 118.51 | 119.83 |
| Electricity and gas ... | 107.93 | 110.55 | 112.32 | 107.74 | 110.47 | 106.82 | 110.55 | 111.44 |
| Other household operation | 118.44 | 121.17 | 121.60 | 120.61 | 122.71 | 122.79 | 124.38 | 126.02 |
| Transportation ... | 117.16 | 123.11 | 122.64 | 123.64 | 124.64 | 126.10 | 127.14 | 129.10 |
| Medical care ..... | 104.38 | 106.42 | 106.11 | 106.67 | 107.81 | 108.93 | 109.61 | 110.46 |
| Other .................... | 108.37 | 112.64 | 112.27 | 112.84 | 113.91 | 116.15 | 117.59 | 119.32 |
| Chain-type price indexes |  |  |  |  |  |  |  |  |
| Personal consumption expenditures $\qquad$ | 107.89 | 110.47 | 110.13 | 110.80 | 111.61 | 112.21 | 112.49 | 2.89 |
| Durable goods .... | 104.27 | 103.83 | 103.89 | 103.72 | 103.45 | 103.27 | 102.50 | 101.75 |
| Motor vehicles and parts $\qquad$ Furniture and household equipment | 110.99 | 112.95 | 112.70 | 113.15 93.38 | 113.55 92.50 | 113.84 <br> 91.84 | 113.26 90.84 | 112.55 89.69 |
| Other ......................................... | 106.04 | 106.48 | 106.53 | 106.26 | 106.14 | 106.22 | 105.64 | 105.85 |
| Nondurable goods ... | 104.48 | 107.15 | 107.04 | 107.29 | 108.26 | 108.90 | 108.89 | 109.24 |
| Food ......... | 106.46 | 109.63 | 108.98 | 110.20 | 111.27 | 111.65 | 112.09 | 113.02 |
| Clothing and shoes .... | 98.90 | 98.75 | 99.00 | 98.08 | 98.56 | 99.29 | 100.37 | 99.68 |
| Gasoline and oil | 101.16 | 107.44 | 109.77 | 106.47 | 109.83 | 112.13 | 104.77 | 106.32 |
| Fuel oil and coal | 97.23 | 108.92 | 108.68 | 105.69 | 116.17 | 116.49 | 108.78 | 104.55 |
| Other | 105.86 | 108.22 | 108.09 | 108.57 | 108.67 | 109.21 | 110.08 | 109.87 |
| Services | 110.53 | 113.76 | 113.20 | 114.29 | 115.26 | 116.02 | 116.70 | 17.39 |
| Housing | 109.02 | 112.43 | 112.00 | 112.85 | 113.60 | 114.42 | 115.34 | 116.25 |
| Household operation .............. | 106.28 | 109.08 | 108.73 | 109.63 | 110.32 | 111.37 | 111.05 | 111.17 |
| Electricity and gas | 103.92 | 106.35 | 105.87 | 106.92 | 107.73 | 109.66 | 107.98 | 108.17 |
| Other household operation | 107.97 | 111.01 | 110.75 | 111.55 | 112.16 | 112.63 | 113.21 | 113.29 |
| Transportation ... | 109.68 | 112.22 | 111.76 | 112.43 | 114.15 | 114.88 | 116.1 | 116.5 |
| Medical care ....... | 114.50 | 117.43 | 117.07 | 117.72 | 118.62 | 119.41 | 119.88 | 120.27 |
| Other ................................. | 110.07 | 113.69 | 112.76 | 114.63 | 115.76 | 116.33 | 117.20 | 118.2 |
| Addenda: <br> Price indexes for personal consumption expenditures: Food $\qquad$ Energy ${ }^{1}$ $\qquad$ Personal consumption expenditures less food and energy $\qquad$ |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | 106.46 | 109.63 | 108.98 | 110.20 | 111.27 | 111.65 | 112.09 | 113.02 |
|  | 108.54 1 | 110.88 | 110.52 | 111.21 | 109.07 111.87 | 112.41 | 112.97 | 113.26 |

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

Table 7.6.-Chain-Type Quantity and Price Indexes for Private Fixed Investment by Type [Index numbers, 1992=100]

|  | 1995 | 1996 | Seasonally adjusted |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | 11 | III | IV | 1 | 11 | III |
| Chain-type quantity indexes <br> Private fixed investment ............... | 122.81 | 132.97 | 132.20 | 135.42 | 136.41 | 137.73 | $141.86$ | 146.62 |
|  |  |  |  |  |  |  |  |  |
| Nonresidential | 126.65 | 138.33 | 136.19 | 141.48 | 143.54 | $145.00$ | 150.03 | 156.62 |
| Structu | 106.35 | 111.51 | 109.68 | 112.32 | 116.40 | 115.79 | 114.39 | 117.17 |
| Nonresidential buildings, including farm $\qquad$ | 113.81 | 123.67 | 121.08 | 125.22 | 131.15 | 132.58 | 129.98 | 134.03 |
| Utilities ......................... | 86.99 | 84.83 | 84.43 | 83.23 | 85.66 | 79.80 | 83.07 | 81.70 |
| Mining exploration, shatts, and wells $\qquad$ | 107.86 | 104.18 | 104.36 | 106.20 | 103.54 | 102.45 | 97.40 | 99.90 |
| Other structures ................. | 81.72 | 66.68 | 66.10 | 65.30 | 61.90 | 55.98 | 57.50 | 60.57 |
| Producers' durable equipment | 135.91 | 150.77 | 148.48 | 155.10 | 156.09 | 158.63 | 167.05 | 175.61 |
| equipment .............. | 135.91 | 150.77 | 148.48 | 155.10 | 156.09 | 158.63 | 167.05 | 175.61 |
| related equipment .......... | 150.40 | 188.61 | 182.43 | 196.97 | 201.54 | 209.70 | 221.31 | 237.98 |
| Computers and peripheral equipment ${ }^{1}$ | 233.89 | 365.81 | 345.83 | 386.78 | 414.95 | 445.54 | 491.73 | 542.47 |
| Other .......................... | 118.57 | 128.90 | 126.35 | 133.29 | 132.21 | 134.66 | 137.85 | 145.71 |
| Industrial equipment ........ | 126.96 | 131.01 | 133.01 | 131.64 | 130.91 | 130.81 | 138.25 | 140.82 |
| Transportation and related |  |  |  |  |  |  |  |  |
| Other ................................... | 122.68 | 145.10 127.58 | 126.68 | 150.25 130.11 | 129.66 | 147.92 | 138.79 138 | 167.68 142.54 |
| Residential ... | 113.94 | 120.64 | 122.91 | 121.51 | 120.18 | 121.17 | 123.36 | 124.21 |
| Structures | 113.91 | 120.71 | 123.01 | 121.59 | 120.21 | 121.13 | 123.35 | 124.17 |
| Single family | 108.94 | 117.22 | 118.96 | 118.73 | 116.95 | 116.95 | 117.14 | 116.88 |
| Multitamily | 129.13 | 142.27 | 153.96 | 133.41 | 137.49 | 149.84 | 156.03 | 148.94 |
| Other structures | 118.66 | 122.54 | 124.26 | 123.96 | 122.33 | 122.86 | 127.25 | 130.65 |
| Producers' durable equipment $\qquad$ | 115.09 | 118.12 | 119.04 | 118.83 | 119.28 | 122.83 | 123.91 | 126.01 |
| Chair-type price indexes |  |  |  |  |  |  |  |  |
| Private fixed investment | 104.78 | 104.70 | 104.50 | 104.85 | 104.75 | 104.52 | 104.47 | 104.55 |
| Nonresidential | 102.33 | 101.26 | 101.29 | 101.21 | 100.82 | 100.31 | 99.93 | 99.72 |
| Structures ................... | 111.49 | 114.09 | 113.50 | 114.58 | 115.30 | 116.11 | 117.23 | 118.39 |
| Nonresidential buildings, including farm |  |  |  | 114.72 | 115.38 |  |  |  |
| Utilities .............................. | 110.79 | 113.70 | 113.07 | 113.75 | 115.29 | 116.17 | 117.45 | 18.37 |
| Mining exploration, shafts, and wells $\qquad$ | 113.66 |  |  | 116.56 | 116.21 | 118.47 | 120.25 | 121.22 |
| Other structures ...................... | 108.30 | 112.33 | 111.93 | 112.46 | 113.43 | 114.82 | 116.51 | 117.16 |
| Producers' durable |  |  |  |  |  |  |  |  |
| equipment ....................... | 98.89 | 96.62 | 96.84 | 96.38 | 95.65 | 94.72 | 93.88 | 93.26 |
| information processing and related equipment | 85.64 | 77.0 | 77.91 | 76.06 | 74.05 | 72.06 | 70.16 | 68.48 |
| Computers and ......... | 85.64 | 77.0 | 77.91 | 76.06 | 74.05 | 72.06 | 70.16 | 68.48 |
| peripheral equipment ${ }^{1}$. | 63.84 | 48.98 | 50.11 | 47.21 | 44.10 | 41.47 | 38.81 | 36.46 |
| Other .......................... | 100.21 | 100.04 | 100.10 | 100.02 | 100.07 | 99.65 | 99.67 | 99.82 |
| Industrial equipment ........... | 107.12 | 108.96 | 108.75 | 109.06 | 109.41 | 109.34 | 109.23 | 109.48 |
| Transportation and related |  |  |  |  |  |  |  |  |
| equipment $\qquad$ her $\qquad$ | $\begin{aligned} & 105.71 \\ & 105.64 \end{aligned}$ | $\left\|\begin{array}{l} 107.56 \\ 108.24 \end{array}\right\|$ | 107.40 107.74 | 108.18 | 108.03 109.20 | 108.09 109.05 | 108.22 109.16 | $\begin{aligned} & 108.94 \\ & 108.95 \end{aligned}$ |
| esidential ... | 110.93 | 113.64 | 112.80 | 114.37 | 115.10 | 115.68 | 116.65 | 117.62 |
| Structures | 111.12 | 113.88 | 113.03 | 114.62 | 115.36 | 115.94 | 116.96 | 117.97 |
| Single family. | 114.40 | 116.50 | 115.61 | 117.27 | 117.84 | 118.15 | 119.05 | 120.12 |
| Multifamily .-..................... | 105.80 | 109.10 | 107.85 | 110.17 | 111.69 | 111.87 | 112.73 | 113.74 |
| Other structures ................ | 107.56 | 111.0 | 110.31 | 111.68 | 112.50 | 113.47 | 114.6 | 115.60 |
| Producers' durable equipment $\qquad$ | 103.91 | 104.84 | 104.22 | 104.94 | 105.59 | 106.27 | 105.27 | 104.89 |

1. Includes new computers and peripheral equipment only.

Table 7.9.-Chain-Type Quantity and Price Indexes for Exports and Imports of Goods and Services and for Receipts and Payments of Factor Income
[Index numbers, 1992=100]

|  | 1995 | 1996 | Seasonally adjusted |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | II | III | IV | 1 | 11 | III |
| Chain-type quantity indexes |  |  |  |  |  |  |  |  |
| Exports of goods and services | 123.74 | 134.03 | 132.53 | 133.15 | 140.92 | 144.30 | 150.53 | 152.59 |
| Goods ${ }^{1}$ | 127.91 | 140.05 | 138.00 | 138.85 | 148.48 | 152.94 | 161.76 | 163.98 |
| Durable ........................... | 136.66 | 153.97 | 152.58 | 153.17 | 164.19 | 171.81 | 184.74 | 187.25 |
| Nondurable ...................... | 111.02 | 114.40 | 111.30 | 112.57 | 119.77 | 119.12 | 121.23 | 122.94 |
| Services ${ }^{1}$........................... | 114.27 | 120.51 | 120.19 | 120.28 | 124.14 | 125.27 | 126.25 | 127.95 |
| Receipts of factor income ....... | 150.59 | 155.36 | 150.91 | 155.79 | 163.87 | 162.90 | 171.33 |  |
| Imports of goods and services | 133.05 | 145.22 | 143.51 | 148.03 | 150.48 | 156.80 | 164.30 | 169.76 |
| Goods ${ }^{1}$.............................. | 137.50 | 151.06 | 148.97 | 154.49 | 157.37 | 163.58 | 172.24 | 178.53 |
| Durable ........................... | 147.71 | 164.50 | 161.60 | 168.17 | 172.22 | 182.08 | 190.72 | 199.36 |
| Nondurable ....................... | 119.57 | 127.78 | 126.96 | 130.74 | 131.83 | 132.70 | 141.15 | 143.87 |
| Services ${ }^{1}$........................... | 113.82 | 120.06 | 119.94 | 120.29 | 120.90 | 127.64 | 130.41 | 132.51 |
| Payments of factor income ..... Chain-type price indexes | 158.25 | 165.78 | 160.60 | 171.97 | 173.34 | 184.53 | 197.73 |  |
| Exports of goods and services | 103.44 | 101.61 | 102.14 | 101.47 | 100.35 | 99.90 | 99.72 | 99.27 |
|  | 101.74 | 98.27 | 99.24 | 97.89 | 96.06 | 95.55 | 94.99 | 94.33 |
| Durable' .......................... | 95.89 | 90.93 | 91.57 | 90.21 | 88.77 | 88.13 | 87.43 | 86.67 |
| Nondurable .................... | 115.55 | 116.09 | 117.87 | 116.61 | 113.78 | 113.67 | 113.55 | 113.27 |
| Services ${ }^{1}$............................ | 107.61 | 110.21 | 109.53 | 110.70 | 111.55 | 111.29 | 112.23 | 112.38 |
| Receipts of factor income ....... | 107.28 | 109.36 | 109.11 | 109.56 | 110.08 | 110.49 | 110.73 |  |
| Imports of goods and services | 101.62 | 99.41 | 99.83 | 98.76 | 98.75 | 97.42 | 95.52 | 94.86 |
| Goods ${ }^{1}$. | 101.12 | 98.30 | 98.88 | 97.47 | 97.42 | 96.11 | 93.87 | 93.19 |
| Durable .......................... | 99.71 | 93.63 | 94.54 | 92.74 | 90.73 | 89.31 | 88.36 | 87.62 |
| Nondurable ................ | 104.24 | 108.65 | 108.49 | 107.94 | 112.34 | 111.27 | 105.99 | 105.46 |
| Services ${ }^{1}$........................... | 104.01 | 105.13 | 104.6 | 105.50 | 105.69 | 104.3 | 104.37 | 103.77 |
| Payments of factor income ..... | 108.39 | 110.63 | 110.14 | 111.14 | 111.81 | 112.24 | 112.65 |  |

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

Table 7.10.-Chain-Type Quantity and Price Indexes for Exports and Imports of Goods and Services by Major Type of Product [Index numbers, 1992=100]

|  | 1995 | 1996 | Seasonally adjusted |  |  |  |  |  |  | 1995 | 1996 | Seasonally adjusted |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | II | III | IV | 1 | 18 | III |  |  |  | 11 | III | N | 1 | 1 | III |
| Chain-type quantity indexes Exports of goods and services .................... | 123.74 | 134.03 | 132.53 | 133.15 | 140.92 | 144.30 | 150.53 | 152.59 | 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 | 161.76 | 163.98 | Exports of goods ${ }^{1} . . . . . . . . . . . . . . . . . . . ~$ | 101.74 | 98.27 | 99.24 | 97.89 | 96.06 | 95.55 | 94.99 | 94,33 |
| Foods, feeds, and beverages Industrial supplies and | 110.26 | 109,04 | 102.23 | 106.22 | 117.01 | 107.05 | 101.39 | 104.71 | Foods, feeds, and beverages Industrial supplies and | 113.49 | 126.27 | 133.86 | 128.50 | 117.48 | 117.60 | 117.98 | 115.63 |
| materials ........................ | 110.83 | 116.02 | 114.10 | 115.44 | 120.53 | 121.51 | 127.10 | 128.91 | materials ......................... | 121.32 | 115.72 | 115.62 | 115.05 | 115.29 | 115.52 | 115.36 | 115.70 |
| Durable goods. | 114.81 | 121.61 | 121.24 | 123.20 | 125.69 | 127.44 | 133.28 | 133.61 | Durable goods | 117.82 | 113.74 | 114.56 | 112.30 | 112.12 | 113.19 | 113.30 | 113.33 |
| Nondurable goods Capital goods, except | 108.73 | 113.07 | 110.34 | 111.36 | 117.81 | 118.39 | 123.86 | 126.43 | Nondurable goods .............. | 123.27 | 116.78 | 116.16 | 116.58 | 117.06 | 116.81 | 116.48 | 117.00 |
| automotive ............ | 149.65 | 176.29 | 174.12 | 173.67 | 191.52 | 202.24 | 220.74 | 225.53 | automotive ....................... | 88.73 | 81.56 | 82.36 | 80.68 | 78.60 | 77.42 | 76.31 | 75.25 |
| Civilian aircraft, engines, and parts $\qquad$ | 63.20 | 71.59 | 77.89 | 61.81 | 84.26 | 89.29 | 102.57 | 79.18 | Civilian aircratt, engines, and parts $\qquad$ | 109.60 | 114.01 | 113.35 | 114.97 | 115.70 | 117.81 | 117.63 | 118.93 |
| Computers, peripherals, and parts $\qquad$ | 231.13 | 337.98 | 326.95 | 348.56 | 371.25 | 425.35 | 495.59 | 568.37 | Computers, peripherals, and parts $\qquad$ | 59.65 | 44.97 | 45.84 | 43.23 | 40.46 | 37.77 | 35.06 | 32.60 |
| Other .................................... | 164.91 | 185.57 | 181.01 | 184.71 | 198.17 | 205.08 | 217.82 | 228.36 | Other .............................. | 92.97 | 87.85 | 88.68 | 87.16 | 85.25 | 84.49 | 84.28 | 83.94 |
| Automotive vehicles, engines, and parts $\qquad$ | 127.48 | 132.62 | 131.08 | 135.07 | 136.33 | 143.80 | 148.52 | 151.60 | Automotive vehicles, engines, and parts $\qquad$ | 103.13 | 104.25 | 104.13 | 104.24 | 104.53 | 104.92 | 105.15 | 105.14 |
| Consumer goods, except |  |  |  |  |  |  |  |  | Consumer goods, except |  |  |  |  |  |  |  |  |
| automotive ..... | 121.74 | 130.81 | 130.46 | 129.26 | 135.65 | 139.66 | 146.32 | 143.25 | automotive ............... | 102.91 | 104.27 | 104.25 | 104.39 | 104.53 | 104.80 | 104.86 | 105.12 |
| Durable goods .... | 121.60 | 131.21 | 130.61 | 129.81 | 138.38 | 138.59 | 149.53 | 145.19 | Durable goods .... | 101.52 | 102.71 | 102.75 | 102.86 | 102.92 | 103.38 | 103.75 | 103.81 |
| Nondurable goods .............. | 121.88 | 130.37 | 130.29 | 128.68 | 132.80 | 140.75 | 142.95 | 141.21 | Nondurable goods ...... | 104.40 | 105.95 | 105.87 | 106.05 | 106.27 | 106.32 | 106.05 | 106.53 |
| Other | 105.54 | 109.60 | 111.59 | 109.92 | 114.59 | 122.19 | 131.33 | 129.33 | Other .......................... | 105.79 | 103.61 | 104.52 | 103.38 | 101.61 | 101.12 | 101.12 | 100.42 |
| Durable goods. | 105.54 | 109.60 | 111.59 | 109.92 | 114.60 | 122.20 | 131.33 | 129.33 | Durable goods. | 105.79 | 103.61 | 104.56 | 103.42 | 101.65 | 101.16 | 101.17 | 100.46 100.46 |
| Nondurable goods .............. | 105.54 | 109.60 | 111.59 | 109.92 | 114.59 | 122.19 | 131.33 | 129.32 | Nondurable goods... | 105.79 | 103.61 | 104.56 | 103.42 | 101.65 | 101.16 | 101.17 | 100.46 |
| Exports of services ${ }^{1}$............... | 114.27 | 120.51 | 120.19 | 120.28 | 124.14 | 125.27 | 126.25 | 127.95 | Exports of services ${ }^{1}$...... | 107.61 | 110.21 | 109.53 | 110.70 | 111.55 | 111.29 | 112.23 | 112.38 |
| Transiers under U.S. military agency sales contracts $\qquad$ | 106.35 | 111.75 | 123.19 | 106.13 | 124.35 | 101.68 | 115.54 | 113.48 | Transters under U.S. military agency sales contracts. $\qquad$ | 110.58 | 111.29 | 110.54 | 109.83 | 109.65 | 110.56 | 110.84 | 109.08 |
| Travel .................................. | 108.03 | 114.43 | 114.19 | 114.82 | 117.69 | 119.26 | 115.75 | 117.07 | Travel .................................. | 107.20 | 111.60 | 111.07 | 112.38 | 112.89 | 114.09 | 114.62 | 114.69 |
| Passenger fares | 104.80 | 112.61 | 110.22 | 114.88 | 113.35 | 124.53 | 116.59 | 118.63 | Passenger fares | 109.82 | 109.86 | 108.14 | 109.73 | 112.16 | 102.75 | 109.52 | 108.05 |
| Other transportation | 112.34 | 108.78 | 109.20 | 107.32 | 112.55 | 111.72 | 114.98 | 116.06 | Other transportation | 102.99 | 105.61 | 105.23 | 105.69 | 107.16 | 106.69 | 105.73 | 105.45 |
| Royalties and license fees. | 127.45 | 136.87 | 134.45 | . 136.63 | 139.76 | 139.78 | 143.74 | 145.31 | Royalties and license fees ...... | 107.34 | 109.41 | 109.17 | 109.62 | 110.14 | 110.55 | 110.79 | 111.32 |
| Other private services ............ | 123.89 | 134.38 | 132.59 | 134.48 | 139.03 | 143.25 | 147.40 | 150.94 | Other private sevices ............ | 106.08 | 107.81 | 107.68 | 107.95 | 108.43 | 108.78 | 109.16 | 109.63 |
| Other .................................. | 107.56 | 109.14 | 108.54 | 108.48 | 108.73 | 109.21 | 109.45 | 110.16 | Other ................................. | 117.80 | 122.10 | 118.51 | 126.05 | 128.28 | 129.06 | 131.79 | 134.25 |
| Imports of goods and services $\qquad$ | 133.05 | 145.22 | 143.51 | 148.03 | 150.48 | 156.80 | 164.30 | 169.76 | Imports of goods and services $\qquad$ | 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 | 106.18 | 116.82 | 115.13 | 117.84 | 120.16 | 123.78 14373 | 127.97 | 131.00 | Foods, feeds, and beverages Industrial supplies and materials, except petroleum | 113.17 | 110.72 | 112.89 | 110.06 | 110.71 | 111.37 | 113.17 | 112.17 109.61 |
| and products | 131.03 | 1388.73 | 1366.90 | 142.02 | 142.95 | 143.73 | 149.80 | 152.48 | and products ................... | 111.17 | 109.62 | 109.51 | 108.70 | 109.35 | 110.46 | 08.90 | 109.61 |
| Nondurable goods | 125.75 | 131.63 | 128.68 | 134.50 | 135.54 | 137.18 | 142.64 | 147.34 | Nondurable goods | 110.80 | 109.26 | 108.71 | 107.49 | 108.95 | 109.66 | 105.41 | 106.28 |
| Petroleum and products $\qquad$ Capital goods, except | 114.94 | 123.72 | 127.68 | 130.93 | 123.98 | 120.50 | 132.12 | 131.85 | Petroleum and products $\qquad$ Capital goods, except | 94.73 | 113.99 | 112.45 | 112.85 | 128.60 | 123.38 | 104.18 | 101.73 |
| automotive ............... | 183.62 | 219.36 | 211.66 | 222.42 | 238.05 | 253.47 | 275.14 | 296.60 | automotive .............. | 89.83 | 77.78 | 79.47 | 76.05 | 72.32 | 69.65 | 68.05 | 66.62 |
| Civilian aircraft, engines, and parts $\qquad$ | 78.27 | 88.71 | . 74 | 90.58 | 6.77 | 92.67 | 105.06 | 132.44 | Civilian aircraft, engines, and parts $\qquad$ | 108.75 | 113.54 | 113.14 | 114.47 | 114.99 | 117.21 | 117.65 | 118.66 |
| Computers, peripheral............ |  | 373.29 | 361.15 | 383.34 | 410.89 | 45571 | 521.20 | 585.07 | Compulers, peripherals, and |  | 52.01 | 52.87 | 0.65 |  | 45.26 | 42.64 | 39.97 |
| Other | 171.61 | 197.41 | 189.44 | 199.06 | 213.17 | 225.32 | 238.34 | 248.43 | Other | 100.02 | 87.18 | 89.42 | 85.15 | 80.62 | 78.03 | 77.23 | 76.78 |
| Automotive vehicles, engines, and parts $\qquad$ | 125.02 | 129.38 | 129.70 | 134.07 | 129.32 | 142.67 | 138.97 | 145.38 | Automotive vehicles, engines, and parts $\qquad$ | 107.88 | 108.57 | 108.43 | 108.64 | 108.67 | 108.67 | 108.50 | 108.93 |
| Consumer goods, except |  |  |  |  |  |  |  |  | Consumer goods, except |  |  |  |  |  |  |  |  |
| automotive ...... | 126.45 | 134.78 | 131.95 | 136.62 | 141.81 | 143.88 | 152.92 | 154.06 | automotive | 103.10 | 103.45 | 103.56 | 103.37 | 103.14 | 102.67 | 102.38 | 102.17 |
| Durable goods ......... | 126.97 | 135.52 | 133.23 | 138.66 | 140.82 | 143.19 | 151.76 | 150.93 | Durable goods ................... | 103.09 | 103.06 | 103.19 | 102.80 | 102.61 | 101.84 | 101.00 | 100.61 |
| Nondurable goods | 125.87 | 133.96 | 130.57 | 134.41 | 142.86 | 144.62 | 154.15 | 157.37 | Nondurable goods ............. | 103.12 | 103.87 | 103.97 | 103.89 | 103.72 | 103.57 | 103.89 | 103.86 |
| Other | 116.01 | 124.65 | 124.73 | 125.92 | 127.07 | 133.79 | 143.13 | 147.42 | Other | 107.40 | 107.43 | 107.60 | 107.08 | 107.24 | 107.05 | 106.3 | 106.41 |
| Durable goods | 116.01 | 124.65 | 124.73 | 125.92 | 127.07 | 133.79 | 143.13 | 147.42 | Durable goods | 107.40 | 107.43 | 107.60 | 107.08 | 107.24 | 107.05 | 106.36 | 106.41 |
| Nondurable goods ............. | 116.01 | 124.65 | 124.73 | 125.92 | 127.07 | 133.79 | 143.13 | 147.42 | Nondurable goods .............. | 107.40 | 107.43 | 107.60 | 107.08 | 107.24 | 107.05 | 106.3 | 106.41 |
| Imports of services ${ }^{1}$................ | 113.82 | 120.06 | 119.94 | 120.29 | 120.90 | 127.64 | 130.41 | 132.51 | Imports of services ${ }^{1}$................ | 104.01 | 105.13 | 104.68 | 105.50 | 105.69 | 104.31 | 104.37 | 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 |
| Travel ................................ | 111.65 | 115.75 | 116.07 | 111.42 | 115.97 | 127.31 | 129.34 | 130.59 | Travel ............................... | 107.00 | 109.23 | 108.17 | 110.96 | 109.53 | 106.66 | 105.58 | 104.67 |
| Passenger fares | 131.23 | 141.57 | 142.04 | 142.09 | 143.35 | 149.12 | 144.58 | 146.45 | Passenger fares ................... | 104.20 | 105.58 | 105.22 | 104.56 | 107.13 | 108.68 | 112.91 | 112.86 |
| Other transportation ......... | 109.77 | 108.20 | 110.62 | 109.77 | 107.70 | 110.16 | 113.41 | 114.12 | Other transportation .............. | 101.07 | 103.29 | 103.03 | 103.32 | 104.57 | 104.33 | 103.88 | 103.39 |
| Royalies and license fees ..... | 119.41 | 131.88 | 121.60 | 154.18 | 126.69 | 135.99 | 149.43 | 151.05 | Royalties and license fees ..... | 107.35 | 109.42 | 109.17 | 109.62 | 110.14 | 110.55 | 110.79 | 111.32 |
| 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 |
| Other ................................... | 105.62 | 107.59 | 106.28 | 108.64 | 109.99 | 111.87 | 112.06 | 113.43 | Other ................................... | 107.16 | 109.36 | 108.76 | 110.20 | 109.96 | 109.04 | 108.74 | 108.68 |
| Addenda: |  |  |  |  |  |  |  |  | Addenda: |  |  |  |  |  |  |  |  |
| Exports of agricultural goods ${ }^{2}$ | 112.32 | 110.25 | 103.00 | 106.20 | 117.38 | 108.28 | 107.13 | 111.11 | Exports of agricultural goods ${ }^{2}$ | 115.67 | 126.61 | 133.20 | 128.81 | 118.80 | 119.38 | 118.84 | 116.91 |
| Exports of nonagricultural goods $\qquad$ | 129.66 | 143.68 | 142.34 | 142.86 | 152.24 | 158.58 | 168.75 | 170.72 | Exports of nonagricultural goods $\qquad$ | 100.38 | 95.65 | 96.13 | 95.04 | 93.91 | 93.31 | 92.75 | 92.19 |
| Imports of nonpetroleum goods $\qquad$ | 139.59 | 153.63 | 150.84 | 156.57 | 160.69 | 168.20 | 176.44 | 183.47 | Imports of nonpetroleum goods $\qquad$ | 101.86 | 97.16 | 97.92 | 96.32 | 94.93 | 93.92 | 92.98 | 92.44 |

NOTE.-See footnotes to table 4.3.

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


NOTE.-See footnotes to table 3.7.

Table 7.14.-Chain-Type Quantity and Price Indexes for Gross Domestic Product by Sector
[Index numbers, 1992=100]

|  | 1995 | 1996 | Seasonally adjusted |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | 11 | III | IV | 1 | 11 | III |
| Chaln-type quantity indexes Gross domestic product $\qquad$ | 107.97 | 10.95 | 110.92 | 111.20 | 112 | 113.73 | .66 | 115.65 |
|  | 109.13 | 112.70 | 112.61 | 112.93 | 114.35 | 115.92 | 116.98 | 118.09 |
| Nonfarm ${ }^{1}$ | 109.38 | 112.99 | 11288 |  |  | 11618 | 11723 |  |
| Nonfarm less housing | 109.76 | 113.61 | 113.56 | 113.83 | 145.36 | 116.99 | 118.15 | 119.45 |
| Housing ....................... | 106.22 |  | 107.26 | 108. | 109.05 | 109 | 109.66 | 09.67 |
| Farm ............................. | 92.13 | 93.75 | 94.61 | 92.56 | 92.75 | 98.07 | 99.75 | 98.44 |
| Households and institutions ... | 109.32 | 111.52 | 111.24 | 111.96 | 112.66 | 113.55 | 114.40 | 115.33 |
| Private households. Nonprofit institutions | $\left\lvert\, \begin{aligned} & 106.92 \\ & 109.41 \end{aligned}\right.$ | $\left\|\begin{array}{l} 100.06 \\ 111.96 \end{array}\right\|$ | $\left.\begin{aligned} & 102.26 \\ & 111.58 \end{aligned} \right\rvert\,$ | $\left\lvert\, \begin{aligned} & 98.67 \\ & 122.47 \end{aligned}\right.$ | $\left.\begin{array}{\|} 95.09 \\ 113.33 \end{array} \right\rvert\,$ | $\left.\begin{array}{\|} 94.77 \\ 114.27 \end{array} \right\rvert\,$ | 95.54 | $\xrightarrow{95.97}$ |
| General govemment ${ }^{2}$...... | 9.91 | 99.34 | 99.74 | 99. | 99.43 | 99.58 | 99.72 | 99.96 |
| Federal ........................ | 90.44 | 87.79 | 88.48 | 87.94 | 87.08 | 86.80 | 86.40 | 86.06 |
| State and local .............. | 105.05 | 105.65 | 105.87 | 106.00 | 106.18 | 106.56 | 107.00 | 107.57 |
| Chain-type price indexes Gross domestic product $\qquad$ | 107.76 | 110.22 | 109.86 | 110.59 | 111.10 | 111.78 | 112.27 | 66 |
| Business ${ }^{1}$...................... | 107.38 | 109.56 | 109.26 | 109.95 | 110.43 | 111.00 | 11.45 | 11.78 |
| Noniarm ${ }^{1}$ | 107.50 | 109.46 | 109.20 | 109.76 | 110.21 | 110.88 | 111.29 | 111.64 |
| Nonfarm less housing ........ | 107.32 | 109.11 | 108.88 | 109.40 | 1 | 110.47 |  |  |
| Housing .......................... | 109.05 | 112.48 | 112.06 | 112.88 | 113.63 | 114.42 | 115.32 | 116.27 |
|  | 99.01 | 118.34 | 114.23 | 125.11 | 128.16 | 121.56 | 124.35 | 123.60 |
| Households and institutions ... | 108.75 | 111.19 | 110.78 | 111.36 | 11.98 | 112.87 | 13.9 | 14.73 |
| Private households.. | 109.61 | 113.51 | 112.56 | 114.29 | 115.40 | 115.86 | 116.84 | 118.22 |
| Nonprofit institutions. | 08. | 111.10 | 110. | 111 | 111 | 112 | 113.79 | 114.61 |
| General govemment ${ }^{2}$............. | 110.0 | 114. | 113.75 | 114.89 | 115.62 | . 95 | 117.60 | 118.22 |
| Federal ............. | 111.04 | 116.82 | 116.09 | 116.92 | 117.71 | 120.19 | 120.7 | 121.12 |
| State and local ................... | 109.6 | 113 | 112.65 | 113.93 | 114 | 115 | 116 | 16.88 |

NOTE.-See foctnotes 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 ${ }^{1}$ $\qquad$ | 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 $\qquad$ | . 107 | . 108 | . 109 | . 108 | . 108 | . 107 | . 107 |  |
| Domestic income ................. | . 842 | . 853 | . 853 | . 855 | . 855 | . 861 | . 863 |  |
| Compensation of employees | . 687 | . 690 | . 689 | . 691 | . 693 | . 697 | . 698 |  |
| Corporate profits with inventory valuation and capital consumption |  |  |  |  |  |  |  |  |
| adjustments ................. | . 128 | . 140 | . 140 | . 141 | . 142 | . 143 | . 144 |  |
| Profits tax liability.......... | . 037 | . 040 | . 040 | . 040 | . 040 | . 040 | . 040 | ........... |
| Profits atter tax with inventory valuation and capital |  |  |  |  |  |  |  |  |
| consumption |  |  |  |  |  |  |  |  |
| adjustments ............... | . 090 | . 101 | . 100 | . 101 | . 102 | . 103 | . 104 |  |
| Net interest ...................... | . 027 | . 023 | . 024 | . 022 | . 021 | . 021 | . 021 | ....... |

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

Table 7.16.-Implicit Price Deflators for Inventories of Business by Industry
Index numbers, 1992=100]

|  | Seasonally adjusted |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1996 |  |  | 1997 |  |  |
|  | 11 | III | IV | 1 | II | 111 |
| Inventories ${ }^{1}$ | 107.19 | 107.20 | 107.08 | 106.63 | 105.93 | 106.17 |
| Farm .............................................................. | 105.11 | 105.03 | 100.15 | 103.26 | 101.90 | 101.89 |
| Nonfarm | 107.44 | 107.45 | 107.77 | 107.00 | 106.36 | 106.62 |
| Durable goods ......................................... | 106.48 | 106.52 | 106.49 | 106.69 | 106.25 | 106.11 |
| Nondurable goods | 108.76 | 108.74 | 109.53 | 107.45 | 106.54 | t07.34 |
| Manufacturing .............................................. | 107.30 | 107.32 | 107.47 | 106.84 | 106.13 | 106.05 |
| Durable goods ........................................ | 104.92 | 104.68 | 104.89 | 104.92 | 104.52 | 104.40 |
| Nondurable goods .................................... | 111.34 | 111.79 | 111.85 | 110.06 | 108.80 | 108.79 |
| Wholesale | 107.79 | 107.22 | 106.53 | 106.26 | 105.62 | 106.14 |
| Durable goods | 104.02 | 104.14 | 103.90 | 103.91 | 103.80 | 103.61 |
| Nondurable goods .................................... | 114.12 | 112.38 | 110.90 | 110.16 | 108.61 | 110.36 |
| Merchant wholesalers | 108.30 | 107.39 | 106.48 | 106.50 | 105.93 | 106.38 |
| Durable goods ................................. | 104.26 | 104.39 | 104.14 | 104.17 | 104.06 | 103.88 |
| Nondurable goods ............................ | 115.24 | 112.55 | 110.43 | 110.44 | 109.05 | 110.63 |
| Nonmerchant wholesalers ....................... | 104.73 | 106.18 | 106.86 | 104.87 | 103.79 | 104.73 |
| Durable goods ................................. | 102.44 | 102.54 | 102.26 | 102.24 | 102.07 | 101.84 |
| Nondurable goods ............................ | 108.08 | 111.59 | 113.64 | 108.77 | 106.34 | 109.00 |
| Retail trade | 106.46 | 106.85 | 106.96 | 107.01 | 106.28 | 106.61 |
| Durable goods ......................................... | 110.06 | 110.22 | 110.06 | 110.48 | 109.42 | 109.40 |
| Motor vehicle dealers | 113.03 | 112.94 | 112.57 | 113.16 | 110.90 | 110.95 |
| Other | 107.09 | 107.50 | 107.52 | 107.79 | 107.83 | 107.76 |
| Nondurable goods .................................... | 102.76 | 103.39 | 103.80 | 103.44 | 103.08 | 103.77 |
| Other ......................................................... | 109.49 | 109.96 | 113.73 | 109.34 | 109.15 | 109.79 |
| Durable goods | 114.35 | 115.20 | 115.15 | 116.40 | 116.50 | 116.00 |
| Nondurable goods .................................... | 107.09 | 107.36 | 113.22 | 105.81 | 105.46 | 106.69 |

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

Table 7.17.-Chain-Type Quantity Indexes for Gross Domestic Product by Major Type of Product
[Index numbers, 1992=100]

|  | 1995 | 1996 | Seasonally adjusted |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | 11 | III | IV | 1 | 11 | III |
| Gross domestic product | $\begin{aligned} & 107.97 \\ & 107.62 \end{aligned}$ | $\begin{array}{\|l\|} \hline 110.95 \\ 110.64 \end{array}$ | $\begin{array}{\|l\|} \hline 110.92 \\ 110.66 \end{array}$ | $\begin{array}{\|l\|} \hline 111.20 \\ 110.70 \end{array}$ | $\begin{aligned} & 112.38 \\ & 111.93 \end{aligned}$ | $\begin{aligned} & 113.73 \\ & 112.77 \end{aligned}$ | $\begin{aligned} & 114.66 \\ & 113.47 \end{aligned}$ | 115.65 <br> 114.86 |
| Final sales of domestic product $\qquad$ |  |  |  |  |  |  |  |  |
| Change in business inventories $\qquad$ |  |  |  |  |  |  |  |  |
| Goods ................ | 110.91 109.98 | 114.72 | 114.55 | $\begin{aligned} & 115.17 \\ & 113.83 \end{aligned}$ | $\left\lvert\, \begin{aligned} & 116.51 \\ & 115.32 \end{aligned}\right.$ | $\begin{array}{\|l\|} 119.31 \\ 116.66 \end{array}$ | $\begin{aligned} & 120.49 \\ & 117.19 \end{aligned}$ | $\begin{aligned} & 121.61 \\ & 119.43 \end{aligned}$ |
| Final sales $\qquad$ Change in business inventories $\qquad$ |  |  | 113.89 | $113.83$ |  |  |  |  |
| Durable goods ...................... | $\begin{aligned} & 120.66 \\ & 116.39 \end{aligned}$ | $\begin{array}{\|l\|} \hline 127.97 \\ 124.84 \end{array}$ | $\begin{aligned} & 128.51 \\ & 125.26 \end{aligned}$ | $\begin{aligned} & 130.25 \\ & 125.41 \end{aligned}$ | $\begin{aligned} & 128.64 \\ & 127.35 \end{aligned}$ | $\begin{array}{\|l\|} 133.71 \\ 128.97 \end{array}$ | $\begin{aligned} & 139.00 \\ & 132.66 \end{aligned}$ | $\begin{aligned} & 140.67 \\ & 136.57 \end{aligned}$ |
| Final sales ........................ |  |  |  |  |  |  |  |  |
| Change in business inventories $\qquad$ |  |  |  |  |  |  |  |  |
| Nondurable goods. | $\begin{aligned} & 104.20 \\ & 105.48 \end{aligned}$ | $\left.\begin{array}{\|l\|} 105.69 \\ 106.32 \end{array} \right\rvert\,$ | $\begin{aligned} & 105.06 \\ & 106.02 \end{aligned}$ | $\begin{array}{l\|} 104.94 \\ 105.82 \end{array}$ | $\begin{aligned} & 108.19 \\ & 107.01 \end{aligned}$ | $\begin{aligned} & 109.52 \\ & 108.17 \end{aligned}$ | $\begin{array}{\|l\|} 108.07 \\ 106.63 \end{array}$ | $\begin{array}{\|l\|l} 108.83 \\ 107.77 \end{array}$ |
| Final sales $\qquad$ Change in business inventories |  |  |  |  |  |  |  |  |
| Services ............................... | 105.97108.33 | $\begin{aligned} & 108.08 \\ & 113.63 \end{aligned}$ | $\begin{aligned} & 108.03 \\ & 114.17 \end{aligned}$ | $\begin{aligned} & 108.15 \\ & 114.19 \end{aligned}$ | $\begin{aligned} & 109.17 \\ & 115.73 \end{aligned}$ | $\left\lvert\, \begin{aligned} & 109.76 \\ & 116.16 \end{aligned}\right.$ | $\begin{aligned} & 110.65 \\ & 116.27 \end{aligned}$ | $\begin{aligned} & 111.53 \\ & 117.53 \end{aligned}$ |
| Structures ............................... |  |  |  |  |  |  |  |  |
| Addenda; |  |  |  |  |  |  |  |  |
| Motor vehicle output ............. | $\left\|\begin{array}{l} 120.55 \\ 107.54 \end{array}\right\|$ | $\begin{aligned} & 117.55 \\ & 110.73 \end{aligned}$ | $\begin{aligned} & 123.15 \\ & 110.50 \end{aligned}$ | $\begin{aligned} & 120.25 \\ & 110.89 \end{aligned}$ | $\begin{aligned} & 115.23 \\ & 112.28 \end{aligned}$ | $\begin{array}{\|l\|} 120.59 \\ 113.50 \end{array}$ | $\left.\begin{aligned} & 117.22 \\ & 114.57 \end{aligned} \right\rvert\,$ | $\begin{aligned} & 123.60 \\ & 115.38 \end{aligned}$ |
| Gross domestic product less motor vehicle output |  |  |  |  |  |  |  |  |

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

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

Table 7.19.-Chain-Type Quantity Indexes for Truck Output [Index numbers, 1992=100]

| Truck output ${ }^{1}$. | 142.80 | 144.61 | 146.75 | 141.72 | 146.38 | 152.43 | 147.62 | 153.88 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Final sales | 142.00 | 147.62 | 144.57 | 144.35 | 152.03 | 150.72 | 147.96 | 155.34 |
| Personal consumption |  |  |  |  |  |  |  |  |
| expendidures ...... | 121.45 | 121.78 | 120.92 | 118.29 | 120.90 | 119.17 | 113.36 | 120.73 |
| Producers' durable equip | 167.88 | 181.34 | 176.45 | 184.46 | 190.80 | 193.20 | 192.36 | 203.17 |
| et exports |  | 156.23 |  |  |  |  |  |  |
| Imports | 110.36 | 116.45 | 119.27 | 125.33 | 113.92 | 133.14 | 169.89 130.75 | 146.83 |
| Gross government investment | 102.81 | 91.90 | 90.17 | 79.52 | 82.80 | 97.68 | 109.59 | 117.87 |
| Change in business inventories $\qquad$ |  |  |  |  |  |  |  |  |

1. Includes new trucks only.
2. Supplementary Tables

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

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | 11 | III | IV | 1 | 11 | III |  |  |  | 11 | III | IV | 1 | 11 | III |
| Gross domestic product: |  |  |  |  |  |  |  |  | mplicit pric | 3.2 | 2.4 | 2.1 | 4.3 | 3.1 | -. 9 | 3.4 | . 5 |
| Current dollars ....................... | 4.6 | 5.1 | 7.7 | 3.6 | 6.2 | 7.4 | 5.2 | 4.9 | Imports of goods and services: |  |  |  |  |  |  |  |  |
| Chain-type quantity index ......... Chain-type price index ............ | 2.0 | 2.8 | 6.0 1.9 | 1.0 | 4.3 | 4.9 2.4 | 3.3 | 3.5 1.4 | Current dollars ...................... | 11.4 | 6.8 | 11.4 | 8.1 | 6.5 | 11.7 | 11.4 | 10.8 |
| Chain-type price index Implicit price deflator $\qquad$ $\qquad$ | 2.5 | 2.3 | 1.7 | 2.6 | 1.9 | 2.4 2.4 | 1.8 | 1.4 | Chain-type quantity index | 8.9 | 9.1 | 14.1 | 13.2 | 6.8 | 17.9 | 20.5 | 14.0 |
| Personal consumption expenditures: |  |  |  |  |  |  |  |  | Chain-type price index Implicit price deflator ... | 2.2 | -2.2 | -1.8 -2.3 | -4.2 | 0 -.3 | -5.3 | -7.6 | -2.8 |
| Current dollars .................................. | 5.1 2.4 | 5.0 26 | 6.7 3 | 3.0 | 6.3 3.3 | 7.6 5 | 2.0 | 7.2 5.7 | imports of goods: |  |  |  |  |  |  |  |  |
| Chain-type quantity price index | 2.6 | 2.4 | 2.9 | 2.5 | 3.0 | 2.2 | 1.0 | 1.4 | Current dollars | 11.9 | 6.8 | 13.2 | 8.9 | 7.2 | 10.5 | 11.8 | 12.1 |
| Implicit price deflator .......................... | 2.6 | 2.4 | 2.9 | 2.5 | 2.9 | 2.2 | 1.0 | 1.4 | Chain-type quantity index ................. | 9.5 | 9.9 | 16.4 | 15.7 | 7.7 | 16.7 | 22.9 | 15.4 |
| Durabie goods: |  |  |  |  |  |  |  |  | Chain-ype price index | 2.2 | -2.8 | -2.1 | -5.6 | -. 2 | -5.3 | -9.0 -9.0 | -2.9 -2.9 |
| Current dollars | 5.0 | 4.3 | 7.8 | -2.6 | 2.4 | 13.3 | -8.2 | 13.3 | lop |  |  |  |  |  |  |  |  |
| Chain-type quantity index.... | 4.0 | 4.7 | 9.7 | -1.9 | 3.5 | 14.1 | -5.4 | 16.7 | Imports of services: |  |  |  |  |  |  |  |  |
| Chain-type price index ..................... | 1.0 | -. 4 | -1.4 | - 6 | -1.0 | -. 7 | -3.0 | -2.9 | Current dollars .............................. | 8.6 | ${ }^{6.6}$ | 2.7 | 4.3 | 2.8 | 17.9 | 9.2 | 4.2 |
| Implicit price deflator .... | 1.0 | -. 4 | -1.8 | -. 7 | -1.1 | $-.7$ | $-3.0$ | -2.9 | Chain-type quantity index ................. | 6.1 | 5.5 | 2.7 | 1.2 | 2.1 | 24.2 | 8.9 | 6.6 -2.3 |
| Nondurable goods: Current doliars | 3.3 | 4.0 | 6.6 | 1.6 | 5.8 | 7.2 | -2.1 | 6.1 | Chain-type price index $\qquad$ Implicit price deflator $\qquad$ | 2.4 | 1.1 | 0 | 3.1 3.1 | . 7 | -5.1 -5.1 | . 2 | -2.3 |
| Chain-type quantity index | 1.6 | 1.4 | 2.6 | 6 | 2.1 | 4.7 | -2.1 | 4.7 | Government consumption expenditu |  |  |  |  |  |  |  |  |
| Chain-type price index ....... | 1.7 | 2.6 | 3.9 | . 9 | 3.7 | 2.4 | 0 | 1.3 | and gross investmen |  |  |  |  |  |  |  |  |
| Implicit price deflator ......... | 1.7 | 2.6 | 3.9 | . 9 | 3.7 | 2.4 | 0 | 1.3 | Current dollars ................................. | 3.2 | 3.8 | 6.8 | 1.8 | 2.5 | 3.1 | 4.5 | 2.4 |
| Services: |  |  |  |  |  |  |  |  | Chain-type quantity index .................... | 0 | . 5 | 7.2 | -1.1 | . | -. 4 | 3.1 | 1.0 |
| Current dollars | 6.1 | 5.7 | 6.5 | 4.9 | 7.4 | 6.6 | 6.3 | 6.6 | Chain-type price index ....................... | 3.3 | 3.3 | -. 2 | 3.1 | 2.5 | 3.5 | 1.4 | 1.4 |
| Chain-type quantity index.. | 2.5 | 2.7 | 3.1 | 1.0 | 3.9 | 3.9 | 3.9 | 4.1 | Implicit price deflator .......................... | 3.3 | 3.3 | -. 4 | 3.0 | 2.4 | 3.5 | 1.4 | 1.4 |
| Chain-type price index ......... | 3.5 | 2.9 | 3.4 | 3.9 | 3.4 | 2.6 | 2.4 | 2.4 | Federal: |  |  |  |  |  |  |  |  |
| Implicit price deflator | 3.4 | 2.9 | 3.4 | 3.9 | 3.4 | 2.6 | 2.4 | 2.4 | Current dollars | -. 1 | 2.1 | 6.6 | -2.3 | -3.0 | -1.1 | 7.9 | -. 6 |
| Gross private domestic investment: |  |  |  |  |  |  |  |  | Chain-type quantity index ................. | -3.3 | -1.3 | 8.8 -1.4 | -4.2 | -5.2 | -5.8 | ${ }^{6.6}$ |  |
| Current dollars... | 3.0 | 7.5 | 18.0 | 16.8 | . 7 | 15.6 | 17.2 | 3.8 | Implicit price deflator.. | 3.3 | 3.4 | -1.4 | 1.9 | 2.3 | 4.9 | 1.3 | $.6$ |
| Chain-type quantity index | 1.6 | 7.8 | 19.9 | 16.5 | 1.6 | 17.1 | 17.7 | 3.8 | Impicit price detiator |  |  |  |  |  |  |  |  |
| Chain-type price index ....................... | 1.4 | -. 2 | -1.0 | 1.2 | -. 5 | -1.0 | -. 6 | 0 | National defense: |  |  |  |  |  |  |  |  |
| Implicit price deflator ............................ | 1.4 | -. 3 | -1.5 | . 3 | -. 9 | -1.3 | -. 4 | 0 | Current dollars ............................ | -1.3 | 2.4 | 10.7 | -2.8 | -4.7 | -8.0 | 8.7 | 1.3 |
| Fixed investment: |  |  |  |  |  |  |  |  | Chain-type quantity index | -4.3 | -1.5 | 11.0 | 2.6 | 7.1 | -11.8 | 1.5 |  |
| Current dollars .............................. | 6.5 | 8.2 | 13.0 | 11.6 | 2.6 | 3.0 | 12.4 | 14.4 | Implicit price deflator | 3.1 | 3.9 | -. 3 | 1.9 | 2.6 | 4.3 | 1.1 | . 3 |
| Chain-type quantity index .................. | 5.1 | 8.3 | 14.4 | 10.1 | 3.0 | 3.9 | 12.6 | 14.1 |  |  |  |  |  |  |  |  |  |
| Chain-type price index ... | 1.3 | -. 1 | -.7 | 1.4 | -. 4 | -. 9 | -. 2 | . 3 | Nondefense: |  |  |  |  |  |  |  |  |
| Implicit price deflator ......... | 1.3 | -. 1 | -1.2 | 1.3 | -. 4 | -. 9 | -. 2 | . 3 | Current dollars .......................... | 2.4 | 1.4 | -1.6 | -1.3 | . 5 | 14.6 | 6.4 | -4.3 |
| Nonresidential: |  |  |  |  |  |  |  |  | Chain-type quantity index ............. | -1.4 | -9 | 4.3 | -3.2 | -1.0 | 8.0 | 4.9 | -5.5 |
| Current dollars | 9.4 | 8.1 | 10.3 | 16.1 | 4.4 | 2.1 | 12.9 | 17.7 |  | 3.9 | 2.3 | -5.6 | 2.0 | 1.5 | 6.1 | 1.5 | 1.3 |
| Chain-type quantity index ............. | 9.0 | 9.2 | 13.0 | 16.5 | 5.9 | 4.1 | 14.6 | 18.7 | Impicit price deflator ....... | 3.9 | 2.3 |  |  |  |  |  |  |
| Chain-type price index ... | . 4 | -1.0 | -1.7 | -. 3 | -1.5 | -2.0 | -1.5 | -. 9 | State and local: |  |  |  |  |  |  |  |  |
| Implicit price deflator .................... | . 4 | -1.0 | -2.4 | -. 3 | -1.5 | -2.0 | -1.5 | -. 9 | Current dollars .............................. | 5.4 | 4.8 | 6.9 | 4.4 | 5.9 | 5.5 | 2.6 | 4.2 |
| Structures: |  |  |  |  |  |  |  |  | Chain-type quantiy | 3.1 | 1.6 <br> 3.2 | 6.3 .6 | 3.6 | 3.5 | 2.7 2.7 | 1.2 | 1.9 |
| Current dollars ........................ | 8.7 | 7.3 | 9.9 | 14.2 | 18.2 | .7 | -1.0 | 14.5 | Implicit price deflator | 3.2 | 3.2 | . 5 | 3.6 | 2.5 | 2.7 | 1.5 | 1.9 |
| Chain-type quantity index ......... | 4.3 | 4.8 | 7.9 | 10.0 | 15.3 | -2.1 | -4.7 | 10.1 | mplict price della |  |  |  |  |  |  |  |  |
| Chain-type price index ..... | 4.2 | 2.3 | 1.9 | 3.9 | 2.5 | 2.8 | 3.9 | 4.0 | Addenda: |  |  |  |  |  |  |  |  |
| Implicit price deflator ........ | 4.2 | 2.3 | 1.9 | 3.8 | 2.5 | 2.8 | 3.9 | 4.0 | Final sales of domestic product: |  |  |  |  |  |  |  |  |
| Producers' durable equipment: |  |  |  |  |  |  |  |  |  | 2.1 2.5 | 5.2 2.8 | 7.0 | 2.9 | 6.6 | 5.6 3.0 | 4.4 | 6.5 5.0 |
| Current dollars ....................... | 9.7 | 8.4 | 10.4 | 16.9 | -. 5 | 2.6 | 18.7 | 18.9 | Chain-ype price inder | 2.5 | 2.3 | 1.9 | 2.7 | 1.9 | 2.5 | 1.9 | 1.4 |
| Chain-type quantity index .......... | 10.8 | 10.9 | 14.9 | 19.1 | 2.6 | 6.7 | 23.0 | 22.1 | Implicit price deflator ................................ | 2.5 | 2.3 | 1.7 | 2.7 | 2.0 | 2.5 | 1.9 | 1.4 |
| Chain-type price index .............. | -1.0 | -2.3 | -3.1 | -1.9 | -3.0 | -3.8 | -3.5 | -2.6 | mplict price denaior |  |  |  |  |  |  |  |  |
| Implicit price deflator ................. | -1.0 | -2.3 | -3.9 | -1.9 | -3.0 | $-3.8$ | -3.5 | -2.6 | Gross domestic purchases: |  |  |  |  |  |  |  |  |
| Residential: |  |  |  |  |  |  |  |  | Current dollars .................. | 4.5 | 5.2 | 8.2 | 4.7 | 4.8 | 7.9 | 4.6 | 5.8 |
| Current dollars | -. 3 | 8.5 | 20.0 | 1.0 | -1.8 | 5.4 | 11.1 | 6.2 | Chain-type quantity index | 1.9 | 2.9 | 6.5 | 2.4 | 2.5 | 5.9 | 3.7 |  |
| Chain-type quantity index ............. | -3.8 | 5.9 | 17.9 | -4.5 | -4.3 | 3.3 | 7.4 | 2.8 | Chain-type price index Implicit price deflator $\qquad$ | 2.6 | 2.2 | 1.8 1.6 | 2.4 | 2.4 | 1.9 | . 9 | 1.2 |
| Chain-type price index ................. | 3.6 | 2.4 | 1.8 | 5.7 | 2.6 | 2.0 | 3.4 | 3.4 |  |  |  |  |  |  |  |  |  |
| Implicit price deflator .................... | 3.6 | 2.4 | 1.8 | 5.7 | 2.6 | 2.0 | 3.4 | 3.4 | Final sales to domestic purchasers: |  |  |  |  |  |  |  |  |
| Exports of goods and services: |  |  |  |  |  |  |  |  | Current dollars ................................. | 4.9 | 5.2 3.0 | 7.6 5.8 | 1.5 | 5.1 2.7 | 6.1 | 3.9 | 7.4 |
| Current dollars ................................. | 13.5 | 6.4 | 7.1 | -.6 | 20.4 | 8.0 | 17.6 | 3.7 | Chain-type price index ............................. | 2.6 | 2.2 | 1.8 | 2.4 | 2.4 | 2.0 | . |  |
| Chain-type quantity index .................... | 11.1 | 8.3 | 9.6 | 1.9 | 25.5 | 9.9 | 18.4 | 5.6 | Implicit price deflator | 2.6 | 2.2 | 1.7 | 2.4 | 2.4 | 2.0 | . 9 | 1.3 |
| Chain-type price index ........................ | 2.2 | -1.8 | -1.4 | -2.6 | -4.3 | -1.8 | -. 7 | -1.8 | mprit price deram |  |  |  |  |  |  |  |  |
| Implicit price deflator ............................ | 2.2 | -1.8 | -2.3 | -2.4 | -4.1 | 1.8 | -. 7 | -1.8 | Gross national product: |  |  |  |  |  |  |  |  |
| Exports of goods: |  |  |  |  |  |  |  |  | Current dollars ....... | 4.5 | 5.0 2.7 | 7.4 5.7 | 3.1 6 | 6.8 | 6.5 | 4.9 |  |
| Current dollars ............................. | 14.6 | 5.8 | 5.2 | -2.7 | 21.8 | 10.2 | 22.2 | 2.7 | Chain-type price index | 2.5 | 2.3 | 19 | 26 | 19 | 2.4 | 18 |  |
| Chain-type quantity index ................. | 12.6 | 9.5 | 9.6 | 2.5 | 30.7 | 12.6 | 25.1 | 5.6 | Implicit price deflator ................................. | 2.5 | 2.3 | 1.6 | 2.5 | 1.8 | 2.4 | 1.8 |  |
| Chain-type price index ...................... | 1.8 | -3.4 | -2.7 | -5.3 | -7.3 | -2.1 | -2.3 | -2.7 |  |  |  |  |  |  |  |  |  |
| Implicit price deflator ........................ | 1.8 | $-3.4$ | 0 | -5.1 | -6.9 | -2.1 | -2.3 | -2.7 | Command-basis gross national product: |  |  |  |  |  |  |  |  |
| Exports of services: |  |  |  |  |  |  |  |  | Chain-type quantity index ...................... | 2.0 | 2.8 | 5.7 | . 8 | 4.4 | 4.5 | 4.0 |  |
| Current dollars ............................... | 10.9 | 8.0 | 12.0 | 4.6 | 17.1 | 2.7 | 6.7 | 6.1 | Disposable personal income: |  |  |  |  |  |  |  |  |
| Chain-type quantity index ................ | 7.4 | 5.5 | 9.7 | . 3 | 13.5 | 3.7 | 3.2 | 5.5 | Current dollars ..................... | 6.0 | 4.7 | 4.0 | 5.2 | 3.7 | 6.8 | 4.2 | 4.3 |
| Chain-type price index ...................... | 3.2 | 2.4 | 1.7 | 4.3 | 3.1 | -. 9 | 3.4 | . 5 | Chained (1992) dollars ......................... | 3.3 | 2.3 | 1.1 | 2.7 | 7 | 4.6 | 3.1 | 2.9 |

NOTE.-Except for disposable personal income, the quantity and price indexes are calculated foom weighted averof 1996, these indexes use the geometric mean of weights that refiect 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 multiplied by 100 . (Contributions to the percent change in real gross domestic product are shown in table 8.2.)

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

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | II | III | IV | 1 | 11 | III |
| Percent change at annual rate: Gross domestic product | 2.0 | 2.8 | 6.0 | 1.0 | 4.3 | 4.9 | 3.3 | 3.5 |
| Percentage points at annual rates: |  |  |  |  |  |  |  |  |
| Personal consumption expenditures $\qquad$ | 1.7 | 1.8 | 2.5 | . 4 | 2.2 | 3.6 | . 6 | 3.8 |
| Durable goods $\qquad$ <br> Nondurable goods $\qquad$ <br> Services $\qquad$ | $\begin{array}{r} .3 \\ .3 \\ 1.0 \end{array}$ | $\begin{array}{r} .4 \\ .3 \\ 1.1 \end{array}$ | .8 1.5 1.2 | - -2 .1 .4 | .3 .4 1.5 | 1.1 .9 1.5 | -. 5 | 1.3 .9 |
| Gross private domestic investment $\qquad$ | 2 | 1.1 | 2.6 | 2.3 | . 2 | 2.4 | 2.5 | . 6 |
| Fixed investment ........ | . 7 | 1.1 | 1.9 | 1.4 | . 4 | . 6 | 1.7 | 1.9 |
| Nonresidential ................. | . 8 | . 9 | 1.3 | 1.6 | . 6 | . 4 | 1.4 | 1.8 |
| Structures $\qquad$ Producers' durable | . 1 | . 1 | 2 | . 3 | . 4 | -. 1 | -. 1 | . 3 |
| equipment | . 7 | . 8 | 1.0 | 1.3 | . 2 | . 5 | 1.6 | 1.6 |
| Residential .................. | -. 2 | 2 | . 7 | -. 2 | -. 2 | , | . 3 | . 1 |
| Change in business inventories $\qquad$ | -. 5 | 0 | 7 | . 8 | -. 2 | 1.8 | . 8 | -1.3 |
| Net exports of goods and services $\qquad$ | . 1 | -. 2 | -. 6 | -1.4 | 1.8 | -1.0 | -. 4 | -1.1 |
| Exports .......................... | $\begin{array}{r} 1.1 \\ .9 \\ .2 \end{array}$ | $\begin{aligned} & .9 \\ & .7 \\ & .2 \end{aligned}$ | $\begin{array}{r} 1.1 \\ .8 \end{array}$ | . 2 | 2.7 | 1.1 | 2.0 | .7.52 |
| Goods .......................... |  |  |  | $0^{.2}$ | $\begin{array}{r}2.2 \\ \hline\end{array}$ | 1.0 | 1.9 |  |
| Services ............................... |  |  | . 3 |  |  |  |  |  |
| Imports ........................... | -1.0 | $\left.\begin{array}{r} -1.1 \\ -1.0 \end{array} \right\rvert\,$ | -1.7 | $\begin{aligned} & -1.6 \\ & -1.6 \end{aligned}$ | -.8 | -2.1 | -2.5 | $\begin{aligned} & -1.7 \\ & -1.6 \end{aligned}$ |
| Goods ........................ | -. 9 |  | $\begin{array}{r} 1.6 \\ -1 \\ -.1 \end{array}$ |  |  |  |  |  |
| Services ........................ |  | $\begin{array}{r} -1.0 \\ -.1 \end{array}$ |  | $\begin{gathered} -1.6 \\ 0 \end{gathered}$ | -88 | $\begin{array}{r} -1.7 \\ -.5 \end{array}$ | $\begin{array}{r} -2.3 \\ -.2 \end{array}$ | -1.6 |
| Government consumption expenditures and gross investment $\qquad$ |  | . 1 | 1.3 | -. 2 | 0 | -. 1 | . 6 | . 2 |
| Federal ............................ | $\begin{gathered} -.2 \\ -.2 \\ 0 \\ .2 \end{gathered}$ | $\begin{gathered} -.1 \\ -1 \\ 0 \\ .2 \end{gathered}$ | .6.6.1.7 | -.3-.2-.1.1 | $\begin{gathered} -.4 \\ -.3 \\ 0 \\ .4 \end{gathered}$ | r\|r $\begin{array}{r}-4 \\ -.6 \\ .2 \\ .3\end{array}$ | .4.3.. | -1-1-.1.3 |
| National delense ........... |  |  |  |  |  |  |  |  |
| Nondefense ................... |  |  |  |  |  |  |  |  |
| State and local ....................... |  |  |  |  |  |  |  |  |

Table 8.3.-Selected Per Capita Product and Income Series in Current and Chained Dollars
[Dollars]


Table 8.4.-Auto Output
[Billions of dollars]

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | 11 | III | IV | 1 | 11 | 11 |
| Auto output ............... | $\begin{aligned} & 140.4 \\ & 137.2 \end{aligned}$ | $\begin{aligned} & 134.6 \\ & 140.0 \end{aligned}$ | $\begin{aligned} & 144.6 \\ & 143.0 \end{aligned}$ | $\begin{aligned} & 144,5 \\ & 140.2 \end{aligned}$ | $128.7$ | $\begin{aligned} & 136.4 \\ & 137.9 \end{aligned}$ | $130.2$ |  |
| Final sales. |  |  |  |  |  |  |  | 136.2 |
| Personal consumption expenditures | 137.2 | $140.0$ | $143.0$ | 141.5 | 138.4 | 145.2 | 136.7 | 143.090.1 |
| New autos ............................ | $\begin{array}{r} 139.5 \\ 87.1 \end{array}$ | 141.3 | 87.0 |  | 85.3 | 87.9 | 81.3 |  |
| Net purchases of used |  |  |  |  |  |  |  |  |
| autos .......................... | 52.4 | 55.3 | 58.1 | 56.7 | 53.2 | 57.3 | 55.4 | 52.9 |
| Producers' durable equipment | 42.3 | 45.3 | 45.3 | 48.0 | 45.9 | 48.8 | 47.4 | 51.2 |
| New autos $\qquad$ Net purchases of used | 74.5 | 79.2 | 80.8 | 84.0 | 76.9 | 82.5 | 79.5 | 82.9 |
| autos ........................... | -32.2 | -33.9 | -35.5 | -35.9 | -31.1 | -33.7-58.4 | -32.1 | -31.7-598 |
| Net exports ........................ | -47.1 | -48.9 | -49.2 | -51.3 |  |  | -54.9 |  |
| Exports ............................ | $\begin{aligned} & 16.7 \\ & 63.8 \end{aligned}$ | 17.065.9 | $\begin{aligned} & 16.4 \\ & 65.6 \end{aligned}$ | $\begin{aligned} & 17.1 \\ & 68.3 \end{aligned}$ | $\begin{aligned} & 16.0 \\ & 16.8 \\ & 65.7 \end{aligned}$ | $\begin{aligned} & 0.7 \\ & 16.6 \\ & 75.0 \end{aligned}$ | 18.1 | 17.477.2 |
| Imports .......................... |  |  |  |  |  |  | 73.01.9 |  |
| Gross government investment | 2.4 | 2.3 | $\left.\begin{array}{r} 65.6 \\ 1.9 \end{array} \right\rvert\,$ | 2.0 | 2.6 | $\begin{array}{r} 75.0 \\ 2.3 \end{array}$ |  | 77.2 1.8 |
| Change in business inventories of new and used autos $\qquad$ <br> New $\qquad$ <br> Used $\qquad$ | 3.2 | $\begin{array}{r} -5.4 \\ -5.6 \\ -5 \\ \hline \end{array}$ | 1.62.5-.9 | 4.33.7 | -9.3-9.0 | -1.5-.8-6 | -.9 | 4.2 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | -. 4 |  | -1.2 |  |
| Addenda: | $\begin{array}{r} 122.8 \\ 59.0 \end{array}$ | 121.158.2 | $\begin{array}{r} 127.3 \\ 57.6 \end{array}$ | 131.658.2 | 113.559.2 | $\begin{array}{r} 120.8 \\ 64.8 \end{array}$ | $\begin{array}{r} 116.8 \\ 61.1 \end{array}$ | $\begin{array}{r} 128.1 \\ 65.4 \end{array}$ |
| Domestic output of new autos ${ }^{1}$ |  |  |  |  |  |  |  |  |
| Sales of imported new autos ${ }^{2}$ |  |  |  |  |  |  |  |  |
| 1. Consists of final sales and change in business inventories of new autos assembled in the United States ment. <br> 2. Consists of personal consumption expenditures, producers' durable equipment, and gross government invest- |  |  |  |  |  |  |  |  |

2. Consists of personal consumption expenditures, producers' durable equipment, and gross government investment.

Table 8.5.-Real Auto Output
[Billions of chained (1992) dollars]

|  | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  | 1997 |  |  |
|  |  |  | 11 | III | N | 1 | 11 | 111 |
| Auto output .................. | 127.6 | 119.9 | 129.6 | 127.9 | 113.7 | 119.7 | 116.8 | 124.6 |
| Final sales | 125.2 | 124.4 | 127.7 | 123.8 | 121.3 | 121.2 | 115.8 | 121.5 |
| Personal consumption |  |  |  |  |  |  |  |  |
| expenditures .................... | 122.0 | 121.2 | 124.8 | 121.0 | 118.0 | 123.6 | 117.2 | 124.1 |
| New autos ....................... | 80.6 | 78.2 | 79.3 | 76.7 | 77.0 | 79.6 | 73.7 | 81.7 |
| Net purchases of used |  |  |  |  |  |  |  |  |
| Producers' durable equipment | 43.4 | 45.1 | 44.4 45.4 | 43.2 47.2 | 40.2 44.9 | 43.1 48.0 | 42.4 46.1 | 41.7 48.9 |
| New autos ....................... | 68.9 | 72.0 | 73.7 | 75.9 | 69.5 | 74.7 | 72.1 | 75.2 |
| Net purchases of used |  |  |  |  |  |  |  |  |
| autos ............................ | -25.3 | -26.6 | -27.8 | -28.4 | -24.6 | -26.6 | -25.9 | -26.3 |
| Net exports .......................... | -42.2 | $-43.6$ | -43.9 | -45.6 | -43.4 | -52.0 | -48.7 | -52.6 |
| Exports ............................ | 16.0 | 16.0 | 15.5 | 16.1 | 15.8 | 15.6 | 17.0 | 16.2 |
| Imports ............................ | 58.2 | 59.6 | 59.4 | 61.8 | 59.2 | 67.6 | 65.7 | 68.9 |
| Gross government investment | 2.2 | 2.1 | 1.7 | 1.8 | 2.3 | 2.1 | 1.7 | 1.6 |
| Change in business inventories of new and used |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| New ...................................... | 2.5 | -5.2 | 2.0 | 3.6 | -8.1 | -1.0 | 2.98 | 3.2 |
| Used ................................... | -. 1 | . 3 | -. 1 | . 5 | 0 | -. 7 | $\begin{array}{r} 2.3 \\ -1.2 \end{array}$ |  |
| Residual <br> Addenda: <br> Domestic output of new autos ${ }^{1}$ $\qquad$ <br> Sales of imported new autos ${ }^{2}$ | . 2 | . 6 | . 3 | . 3 | . 8 | . 5 | . 4 | . 3 |
|  | $114.2$$54.5$ |  |  |  |  |  |  |  |
|  |  | $\begin{array}{r} 110.9 \\ 52.9 \end{array}$ | $\begin{array}{r} 116.5 \\ 52.5 \end{array}$ | $\begin{array}{r} 120.2 \\ 52.6 \end{array}$ | $\begin{array}{r} 103.6 \\ 53.5 \end{array}$ | $\begin{array}{r} 109.8 \\ 58.7 \end{array}$ | $\begin{array}{r} 108.1 \\ 55.3 \end{array}$ | 116.259.3 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

1. Consists of final sales and change in business inventories of new autos assembled in the United States. 2. Consists of personal consumption expenditures, producers' durable equipment, and gross government investment.
NOTE.-Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992
current-dollar value of the corresponding series, divided by 100 . Because the formula for the chain-type quantity 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. lines in the addenda.

Table 8.7.-Real Truck Output
[Billions of chained (1992) dollars]

| Truck output ${ }^{1}$.............. | 119.6 | 121.1 | 122.9 | 118.7 | 122.6 | 127.6 | 123.6 | 128.9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Final sales | 117.0 | 121.7 | 119.1 | 119.0 | 125.3 | 124,2 | 121.9 | 128.0 |
| Personal consumption |  |  |  |  |  |  |  |  |
| expenditures ..................... | 55.6 | 55.8 | 55.4 | 54.2 | 55.4 | 54.6 | 51.9 | 55.3 |
| Producers' durable equipment | 58.9 | 63.7 | 61.9 | 64.7 | 67.0 | 67.8 | 67.5 | 71.3 |
| Net exports .......................... | -4.3 | -3.7 | -4.0 | -5.1 | -2.3 | -4.4 | -4.5 | -6.2 |
| Exports ............................. | 7.5 | 8.7 | 8.7 | 8.2 | 9.8 | 9.8 | 9.4 | 9.5 |
| Imports. | 11.8 | 12.4 | 12.7 | 13.4 | 12.1 | 14.2 | 13.9 | 15.6 |
| Gross government investment | 6.8 | 6.1 | 5.9 | 5.2 | 5.5 | 6.4 | 7.2 | 7.8 |
| Change in business inventories $\qquad$ | 2.6 | -. 6 | 3.9 | -. 3 | -2.9 | 3.6 | 1.7 | . 9 |
| Residual ................................... | 0 | -. 2 | -. 2 | . 1 | -. 1 | -. 4 | -. 2 | -. 3 |

1. Includes new trucks only,

NOTE,-Cnained (1992) doliar 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 or 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
[Bilions of dollars; monthly estimates seasonally adjusted at annual rates]

|  | 1995 | 1996 | 1996 |  |  |  |  | 1997 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July ${ }^{2}$ | Aug.' | Sept. ${ }^{P}$ |
| Personal income | 6,150,8 | 6,495.2 | 6,538.9 | 6,582.0 | 8,575.6 | 6,615.2 | 6,664,4 | 8,700.1 | 6,750.3 | 6,788.2 | 6,800,9 | 6,822.8 | 6,883.5 | 6,873.8 | 6,915.0 | 6,940.5 |
| Wage and salary disbursements | 3,429.5 | 3,632.5 | 3.660 .6 | 3.694 .6 | 3,683.5 | 3,713.4 | 3,759.7 | 3,754.1 | 3,799.1 | 3,821.3 | 3,822.1 | 3,835.1 | 3,867.6 | 3.869 .9 | 3,903.1 | 3,915.3 |
| Private industries ......... | 2,806.5 | 2,989.9 | 3.075 .3 | 3,047.1 | 3,035.4 | 3,064.4 | 3,104.0 | 3,098.7 | 3.140 .9 | 3.161 .7 | 3,161.2 | 3,173.1 | 3,204.5 | 3,204.6 | 3,235,6 | 3,245.9 |
| Commodity-producing industries | 864.4 | 909.1 | 918.6 | 920.6 | 921.7 | 926.5 | 935.2 | 936.3 | 943.4 | 948.8 | 950.3 | 953.7 | 954.5 | 955.5 | 962.8 | 967.0 |
| Manufacturing ............. | 648.4 | 674.7 | 681.4 | 681.8 | 681.8 | 684.7 | 690.4 | 690.5 | 693.4 | 698.4 | 699.5 | 700.3 | 701.2 | 701.5 | 707.4 | 710.1 |
| Distributive industries | 783.1 | 823.3 | 829.1 | 836.9 | 832.1 | 840.8 | 848.9 | 847.7 | 857.9 | 864.8 | 863.1 | 865.0 | 872.9 | 872.2 | 833.0 | 883.5 |
| Senvice industries .............................................................. | 1,159.0 | 1,257.5 | 1,267.6 | 1,289.6 | 1,281.6 | 1,297.1 | 1,319.9 | 1,314.6 | 1,399.6 | 1,348.1 | 1,347.7 | 1,354.5 | 1,377.1 | 1,376.8 | 1,389.8 | 1,395.4 |
| Government ................................................................. | 623.0 | 642.6 | 645.4 | 647.5 | 648.1 | 649.1 | 649.7 | 655.5 | 658.2 | 659.7 | 660.9 | 661.9 | 663.1 | 665.3 | 667.5 | 669.4 |
| Other labor income .................................. | 406.8 | 407.6 | 408.2 | 410.2 | 407.2 | 408.7 | 411.4 | 410.5 | 412.5 | 413.9 | 414.4 | 415.3 | 415.6 | 416.6 | 418.0 | 419.3 |
| Proprietors' income with NA and CCAdj. | 488.9 | 520.3 | 522.8 | 525.0 | 526.6 | 528.4 | 529.8 | 532.2 | 534.5 | 537.2 | 540.9 | 543.6 | 546.5 | 546.8 | 546.7 | 548.4 |
| Farm | 23.4 | 37.2 | 40.2 | 40.7 | 40.8 | 40.5 | 39.9 | 39.4 | 39.9 | 41.4 | 43.0 | 43.8 | 44.0 | 43.1 | 41.3 | 39.3 |
| Nonfarm .............. | 465.5 | 483.1 | 482.6 | 484.4 | 485.8 | 487.9 | 490.0 | 492.8 | 494.6 | 495.8 | 497.9 | 499.8 | 502.4 | 503.7 | 505.4 | 509.1 |
| Rental inoome 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 |
| Transter payments to persons | 1,015.0 | 1,068.0 | 1,072.4 | 1,074,3 | 1,077.0 | 1,081,8 | 1,085.5 | 1,105.5 | 1,104.1 | 1,111.9 | 1,114.6 | 1,416.6 | 1,119.7 | 1,122.0 | 1,124.0 | 1,129.5 |
| Old-age, survivors, disability, and health insurance benefits ........ | 507.8 | 537.6 | 540.6 | 540.8 | 54.3 | 546.2 | 548.2 | 559.5 | 555.6 | 561.5 | 562.4 | 564.8 | 565.9 | 567.3 | 569.5 | 570.4 |
| Government unemployment insurance benefith ..... | $\begin{array}{r}21.4 \\ 485.7 \\ \hline\end{array}$ | 22.0 508.4 | 20.4 511.4 | 21.7 511.9 | 21.3 513.4 | 21.1 514.6 | 22.3 515.0 | 22.1 523.9 | 22.0 526.5 | 22.0 528.4 | 22.0 530.2 | 21.9 529.9 | 21.9 531.9 | 21.8 532.9 | $\begin{array}{r}21.6 \\ 532.8 \\ \hline\end{array}$ | 21,9 |
| Less. Personal contributions for social insurance ........................... | 293.1 | 306.3 | 308.1 | 310.2 | 309.4 | 311.3 | 313.8 | 315.8 | 318.7 | 320.1 | 320.1 | 320.9 | 323.0 | 323.1 | 325.2 | 326.0 |

${ }^{P}$ Preliminary.
Source: U.S. Department of Commerce, Bureau of Economic Analysis.
CCAD Capital consumption adjustment
IVA Inventory valuation adjustment
Table B.2.-The Disposition of Personal Income
[Monthly estimates seasonally adjusted at annual rates]


1. Disposable personal income in chained (1992) dollars equals the current-doliar figure divided by the implicit

Source: U.S. Department of Commerce, Bureau of Economic Analysis.
price defiator for personal consumption expenditures.
2. Monthly estimates equal personal saving for the month as a percentage of disposable personal income for
that month.

## Annual Estimates:

Except as noted, these tables are derived from the nipa tables published in the September 1997 Survey of Current Business; they are consistent with the most recent comprehensive and annual revisions.

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

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

|  | Billions of dollars |  |  | $\begin{aligned} & \text { Billions of chained } \\ & \text { (1992) dollars } \end{aligned}$ |  |  |  | Billions of dollars |  |  | Billions of chained (1992) dollars |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1994 | 1995 | 1996 | 1994 | 1995 | 1996 |  | 1994 | 1995 | 1996 | 1994 | 1995 | 1996 |
| Personal consumption expenditures | 4,717.0 | 4,957.7 | 5,207.6 | 4,488.0 | 4,595.3 | 4,714.1 | Personal business $\qquad$ | $\begin{gathered} 370.4 \\ 36.2 \end{gathered}$ | $389.1$ | $\begin{array}{r} 421.1 \\ 47.2 \end{array}$ | $\begin{array}{r} 352.1 \\ 37,8 \end{array}$ | $\begin{gathered} 350.7 \\ 41.8 \end{gathered}$ | $\begin{array}{r} 363.6 \\ 50.0 \end{array}$ |
| Food and tobacco ...................................... | 761.7 | 783.6 | 805.7 |  | $737.9$ | $736.5$ | Brokerage charges and investment counseing (s.) Bank service charges, trust sevices, and sate deposit |  |  | $47.2$ | 37.8 | $41.8$ | $50.0$ |
| Food purchased for off-premise consumption (n.d.) ...... Purchased meals and beverages ${ }^{1}$ (n.d.) | 451.6 254.3 | 462.2 264.1 | 478.4 268.7 | 434.5 245.1 | 433.4 248.7 | $\begin{aligned} & 434.7 \\ & 246.6 \end{aligned}$ | box rental (s.) | 31.6 | 33.9 | 37.3 | 27.5 | 27.8 | 28.9 |
| Food furnished to employees (including military) (n.0.) ...... | 8.1 | 8.4 | 88.7 | 7.8 | $\begin{array}{r}7.9 \\ \hline\end{array}$ | 8.0 | Services furnished without payment by financial intermediaries except lite insurance carriers and private |  |  |  |  |  |  |
| Food produced and consumed on farms (n.d.) ................. |  |  |  |  |  |  | noninsured pension plans (s.) | 151.5 | 159.8 | 169.9 | 146.5 | 141.9 | 143.9 |
| Tobacco products (n.d). ........................................ | 47.3 633.6 | ${ }_{652.0}^{48}$ | 49.6 669.9 | 67.2 | ${ }^{4710.2}$ | ${ }^{6080.7}$ | Expense of handiling life insurance ${ }^{17}(\mathrm{~s}$.$) .......................$ | 72.6 | 75.4 | 79.9 |  | 67.9 | 68.5 |
| Addenda: Food excluding alcoholic beverages (n.d.) ......... Alcoholic beverages purchased for off-premise | 633.6 | 65.0 | 669.9 |  | 60.2 |  | Legal senvices (s.) | 48.8 | 49.1 | 52.2 | 45.3 | 44.0 | 45.2 |
| consumplion (n.d.) .................................. | 53.9 | 54.9 | 57.3 | 59.7 | 54.5 | 55.5 |  | 118.5 | 19.9 19.9 | 12.8 21.8 | 17.1 | 10.5 | 10.4 18.7 |
| Other alcoholic beverages (n.d.) ............................... | 27.0 | 28.2 | 28.9 | 25.6 | 25.9 | 25.7 |  | 18.5 | 19.9 |  |  |  | 18.7 |
| Clothing, accossories, and jeweiry | 312 | 323.4 | 336.3 | 308.5 | 321.8 | ${ }^{335.3}$ | Uransportation Useroperated transp | 502.6 | 530.1 | 602.2 | ${ }_{476.6}^{515}$ | ${ }^{52878} 8$ | 497.7 |
| Shoes (n.d.) | 36.0 | 36.8 |  | 35.7 | 36.6 | 37.6 | New autos (c.) | 91.2 | 87.1 | 86.1 | 86.2 | 80.6 | 78.2 |
| Clothing and accessories except shoes ${ }^{2}$ | 211.6 | 217.7 | 226.0 | 21.2 | 220.6 | 229.9 | Net purchases of used autos (d.) ............................. | 44.1 | 52.4 | 55.3 | 37.5 | 40.8 | 42.1 |
| Women's and children's (n.d.) ................................... | 137.5 | 141.3 <br> 76.4 | $\begin{array}{r}145.8 \\ 80 . \\ \hline\end{array}$ | 137.0 | 144.2 | 1590.7 | Other motor veticles (d.) ................................................ | 76.8 | 79.4 | 82.1 | 71.4 | 71.7 | 72.5 |
| Men's and boys' (n.d.) ...................................... | 74.1 | 76.4 | 80.2 | 74.1 | 76.4 | 79.2 | Tires, tubes, accessories, and other parts (d.) ........... | 34.5 | 35.8 | 37.9 | 35.1 | 36.2 | 38.3 |
| Standard clothing issued to military personnel (n. d) ........ Cleaning, storage, and repair of clothing and shoes (s.) | 11.6 | 12.3 | 12.3 | 11.0 | 11.5 | 11.3 | Repair, greasing, washing, parking, storage, rental, and |  |  |  |  |  |  |
| Jewely and watches (d.) | 37.7 | 39.3 | 41.6 | 35.6 | 36.8 | 39.7 | Gasoling and oil (n...) | 169.4 109 | 114.4 | 122.6 | 109.8 | 113.1 | 114.1 |
|  | 15.6 | 17.1 | 18.1 | 14.7 | 16.0 | 16.6 |  | 2.6 | 2.8 | 2.9 | 2.4 | 2.4 | 2.5 |
| Personal care | 68.4 | 71.9 | 75.7 | 65.5 | 67.9 | 70.1 | Insurance ${ }^{19}$ (s.) ................................................. | 27.5 | 29.4 | 30.9 | 25.6 | 26.0 | 26.2 |
| Toilet articles and preparations (n.d.) ........................... | 45.3 | 47.2 | 49.9 | 43.7 | 45.0 | 47.0 | Purchased local transportation ....................................... | 8.9 | 9.2 | ${ }^{10.1}$ | ${ }_{8}^{8.6}$ | 8.5 | ${ }^{8.5}$ |
| Barbershops, beauty parlors, and health clubs (s.) ........... | 23.0 | 24.7 | 25.7 | 21.8 | 22.9 | 23.0 | Mass transit systems (s.) | $\begin{aligned} & 5.9 \\ & 3.0 \end{aligned}$ | 6.0 | 6.5 3.5 | 5.7 <br> 2.9 | 3.5 | ${ }_{3.0}^{5.6}$ |
| Housing | 712.7 | 750.3 | 787.2 | 674.3 | 688.2 | 700.2 | Purchased intercity | 30.7 | 33.0 | 34.4 | 30.1 | 31.7 | 34.2 |
| Owner-occupied nonfarm dwellings space rent ${ }^{4}$ (s.) ......... | 507.0 | 539.2 | 558.3 | 479.6 | 487.2 | 495.3 | Railway (s.) ........................................................ |  | 8 | . 8 | , | 7 | . 7 |
| Tenant-occupied nontarm dwellings rents (s.) .................. | 174.0 | 184.6 | 193.6 | 165.2 | 171.1 | 174.9 | Bus (s.) | 1.1 | 1.3 | 1.3 | 1.1 | 1.4 | 1.4 |
| Rental value of farm dwellings (s.) ............... | 5.8 | 5.9 | 6.1 | 5.2 | 5.2 | 5.1 | Airine (s.) | 25.8 | 27.7 | 28.2 | 25.5 | 26.8 | 28.8 |
| Other ${ }^{6}$ (s.) .................................. | 26.0 | 27.5 | 29.1 | 24.3 | 24.8 | 25.0 | Other ${ }^{20}$ (s.) | 3.2 | 3.3 | 4.0 | 2.8 | 2.8 | 3.3 |
| Household operation. | 535.0 | 562.8 | 591.9 | 514.5 | 533.6 | 548.4 | Recreation | 370.2 | 402.5 | 431.1 | 365.2 | 395.7 | 424.4 |
| Furriture, including mattresses and bedsprings (d.) | 45.9 | 48.0 | 49.6 | 43.2 | 44.2 | 44.6 | Books and maps (d.) | 20.6 | 22.1 | 23.2 | 19.6 | 20.6 | 20.8 |
| Kitchen and other household appliances ${ }^{7}$ (d.). | 25.6 | 27.2 | 27.8 | 25.0 | 26.6 | 27.1 | Magazines, newspapers, and sheet music (n.d.) .......... | 24.5 | 25.5 | 26.5 | 22.9 | 22.9 | 22.7 |
| China. glassware, tableware, and utensils (d.) ...... | 24.0 | ${ }_{2}^{25.3}$ | 27.4 | 23.5 | ${ }_{55}^{25.0}$ | 56.9 | Nondurable toys and sport supplies ( n .d.) | 39.7 | 42.2 | 45.4 | 38.9 | 41.4 | 43.9 |
| Other durable house furnishings ${ }^{8}$ (d.) ... | 52.3 | 54.5 | 58.2 | 51.4 | 53.1 | 56.1 | Wheei goods, sports and pholographic equipment, boats, |  |  |  |  |  |  |
| Semidurable house furnishings ${ }^{9}$ (n.d.) .................... | 27.2 | 28.9 | 30.1 | 25.7 | 26.9 | 28.2 | and pleasure aircraft (d). .................................. | 35.6 | 39.1 | 42.0 | 34.8 | 37. | 40.3 |
| Cleaning and polishing preparations, and miscelianeous household supplies and paper products ( $n$. $d$ ) | 50.8 | 52.3 | 54.5 | 50.2 | 50.0 | 50.6 | Video and audio products, computing equipment, and musical instruments (d.) |  |  |  |  |  |  |
| Stationery and writing supplies ( $n$ d.d) ................................ | 15.1 | ${ }^{152.8}$ | 17.0 | 14.4 | 14.4 | 14.8 |  | 4.5 | 4.9 | 5.1 | 4.4 | 41.8 | 4.5 |
| Housenold utilities ... | 163.8 | 168.5 | 177.9 | 156.3 | 159.4 | 163.1 | Flowers, seeds, and potted plants (n.d.) | 13.4 | 13.9 | 14.9 | 13.4 | 13.2 | 14.4 |
| Electricity (s.) | 84.2 | 88.0 | 90.3 | 82.6 | 84.3 | 85.2 | Admissions to specified spectator amusements 19.0 20.2 |  |  |  |  |  |  |
| Gas (s.) | 32.4 | 31.5 | 34.9 | 30.0 | 30.7 | 32.7 | 22.1 17.818 .218 .9 Motion picture theaters (s.) .......... | 5.6 | 6.0 | 6.3 | 5.2 | 5.4 | 5.4 |
| Water and other sanitary services (s.) | 36.6 | 38.8 | 41.1 | 33.0 | 33.8 | 34.6 | Legitimate theaters and opera, and entertainments of |  |  |  |  |  |  |
| Fuel oil and coal (n.d.) ....................... | 10.5 | 10.2 | 11.6 | 10.7 | 10.5 | 10.6 | nonprofit instiutions (except athletics) (s.) ................ | ${ }_{5}^{8.2}$ |  |  |  | 7.9 | 8.0 |
| Telephone and telegraoh ( $s$.) | 82.6 | 90.2 | 96.9 | 79.6 | ${ }_{11,7}^{86.6}$ | 91.1 11.0 |  | $\begin{array}{r}5.2 \\ 11.8 \\ \hline\end{array}$ | 12.7 | $\begin{array}{r}6.4 \\ 13.0 \\ \hline\end{array}$ | 4.9 11.2 | 11.5 | +1.85 |
| Other ${ }^{10}$ ( s .) | 11.9 35.8 | 12.8 39.4 | 12.5 40.1 | 11.2 34.2 | 11.7 | 11.0 35.3 |  | 36.2 | ${ }_{41.5}$ | 46.2 | 34.9 | 38.0 | 41.1 |
| Medical care | 826.1 | 871.6 | 912.8 | 751.0 | 766.2 | 7824 | Pari-mutuel net receipts (s.) | 3.3 | 3.3 | 3.5 | 3.1 | 3.1 | 3.1 3.3 |
| Drug preparations and sundries ${ }^{11}$ (n.d.) | 81.6 | 85.7 | 90.9 | 76.7 | 79.1 | 81.7 | Other | 83.1 | 91.9 | 99.6 | 79. | 85.5 | 89.3 |
| Ophithalmic products and orthopedic appliances (d.) ......... | 12.9 | 13.1 | 13.9 | 12.3 | 12.2 | 12.6 | Education and research | 104.7 | 112.2 | 119.6 | 96.8 | 99.4 | 102.7 |
| Physicians (s.) | 180.0 | 191.4 | 196.5 | 162.4 | 166.1 | 169.3 | Higher education ${ }^{25}$ (s.) | 59.0 | 62.2 | 65.2 | 53.1 | 53.7 | 54.0 |
| Dentists (s.) | 43.9 | 47.6 | 50.9 | 39.8 | 41.1 | 42.0 | Nursery, elementary, and secondary schools ${ }^{26}$ (s.) .......... | 21.4 | 22.8 | 24.0 | 20.4 | 20.8 | 21 |
| Other protessional services ${ }^{12}$ ( ${ }^{\text {(3). }}$ ) | 95.7 | 104.4 | 110.2 | 89.2 | 95.6 | 99.1 | Other ${ }^{27}$ (s.) ....................................................... | 24.4 | 27.2 | 30.3 | 23.4 | 25.0 | 27.2 |
| Hospitals and nursing homes ${ }^{13}$... | 357.0 | 375.9 | 394.2 | 3371.5 | 336.6 | 343.1 | Rellglous and welfare activities ${ }^{28}$ (s.) . | 131.2 | 139.8 | 150.5 | 125.6 | 128.6 | 136.6 |
| Hospitals | 298.1 | 310.6 | 325.1 | 276.9 | 278.5 | 284.4 |  |  |  |  |  |  |  |
| Nonprofit (s.) | 200.2 | 207.9 | 217.3 | 187.8 | 188.2 | 191.8 | Foreign travel and other, net | -18.3 | -22.1 | -26.5 | -16.2 | -19.5 | -21.5 |
| Proprietary (s.). | 32.1 | 34.5 | 37.1 | 59.2 | 30.3 | 31.9 | Foreion travel by U. S. residenis (s.) | 50.1 | 51.9 | 54.9 | 48.8 | 48.9 | 50.8 |
| Giovernment (s) | 65.8 58.9 |  |  |  | 60.0 58.1 | 60.7 58.7 | Expenditures abroad by U. S. residents (n.d.) | 2.7 | 5 | 2.6 | 2.8 | 2.4 | 2.4 |
| Nursing homes (s.) | 558.9 | 553.2 | 69.1 56.3 | 54.6 40.0 | 38.15 37.5 | 58.7 36.9 | Less: Expenditures in the United States by nonresidents |  |  |  |  |  |  |
|  | 42.9 | 40.7 | 41.8 | 36.6 | 35.2 | 34.7 |  | 69.7 | 75.2 |  | 66.4 |  |  |
| Income loss ${ }^{15}$ (s.) | 2.7 | 2.9 | 3.2 | 2.4 | 2.5 | 2.6 | Less: Personal remitances in kind to nonresidents (n.d.) | 1.4 | 1.4 |  | 1.3 |  |  |
| Workers' compensation ${ }^{16}$ (s.) ..................................... | 9.4 | 10.0 | 11.3 | 2.3 | 1.8 | 1.8 | sidual ..... |  |  |  | -5.7 | -10.6 | -17.8 |

1. Consists of purchases (including bips) of meals and beverages from retail, service, and amusement establishments, hotels, dining and buffet cars, schools, school fraternities, institutions, clubs, and industrial lunchrooms. Includes meals and beverages consumed both on-and off-premise
2. Includes luggage.
clock, and jewelry repairs, costume and dress sult rental, and miscelianeous personal sen-
3. 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 hurniture and purchases of fuel and electricity.
4. Consists of space rent (see footnote 4) and rent for appliances, furnishings, and furniture.
5. Consists of transient hotels, motels, clubs, schools, and other group housing.
6. Consists of refrigerators and treezers, cooking ranges, dishwashers, laundry equipment, stoves, room air conditioners, sewing machines, vacuum cleaners, and other appliances.
7. Includes such house fumishings 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.
8. Consists largely of textile house furnishings, including piece goods allocated to house fumishing use. Al includes lamp shades, brooms, and brushes.
9. 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.
10. Excludes drug preparations and related products dispensed by physicians, hospitals, and other medical services.
11. Consists of osteopathic physicians, chiropractors, private duty nurses, chiropodists, podiatrists, and others providing heath and allied services, not elsewhere classified.
12. 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
13. Consists of (1) premiums, less benefits and dividends, for health, hospitalization, and accidental death and dismemberment insurance provided bross and Blue Shield plans and of other independent prepaid (ind selfing conhealth plans.
14. Consists of premiums, less beneftis and dividends, for privately administered workers' compensation.
15. Consists of (1) operating expenses of life insurance carriers and private noninsured pension plans, and (2) premiums, less benefits and dividends, of fraternal benefit societies. Excludes expenses allocated by commercial carriers to accident and health insurance.
16. 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 sevices.
17. Consists of premiums, less benefits and dividends, for motor vehicle insurance.
18. Consists of baggage charges, coastal and inland waterway fares, travel agents' fees, and airport bus fares.
19. Consists of admissions to professional and amateur athletic events and to racetracks.
20. Consists of dues and fees excluding insurance premiums.
21. Consists of biliard parlors; bowing 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.
22. 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.
such as those from mititions, equals current expenditures (including consumption of fixed capital) less receiptsless expendifures for research and develooment financed under contracts or grants. For government institutions, equals student payments of tuition.
23. For private institutions, equals current expenditures (including consumption of fixed capital) less receiptssuch 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 weltare activities.
24. 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
25. For nonprofit institutions, equals current expenditures (including consumption of fixed capital) of religious, social welfare, foreign relief, and political organizations, museums, libraries, and foundations. The expenditures are penditures, and excludes relief payments within the United States and expenditures by foundations for education and research. For proprietary and government institutions, equals receipts from users.
NoTES.-Consumer durable goods are designated (d.), nondurable goods (n.d.), and services (s.).
Estimates of foreign travel by U. S. residents (line 108 ) expenditures were $\$ 0.3$ billion in 1981 . Beginning with 1984, estimates of foreign travel by U. S. residents include substantially improved estimates of U. S. residents' foreign travel and passenger fare expenditures. Estimates of expenditures in the United States by nonresidents (line
110) include, beginning with 1981, nonresidents' student and medical care expenditures in the United States. Student expenditures were $\$ 2.2$ billion, and medical expenditures were $\$ 0.4$ billion in 1981. Beginning with 1984 , estimates of expenditures in the United States by nonresidents include substantially improved estimates of nonresidents' travel expenditures. Expenditures in the United States by nonresidents are subtracted from total personal consumption expenditures (line 110) because they are included in detailed type of expenditure estimates elsewhere in personal consumption expenditures.
Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 currentoollar value of the corresponding series, divided by 100 . Because the tormula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-doliar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

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

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

1. Consists of office buildings, except those constructed at industrial sites and those constructed by utilities for their own use.
2. Consisis of stores, restaurants, garages, service stations, warehouses, mobile structures, and other buildings used for commercial purposes.
3. Corisists 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,
5. Consists primanily of streets, dams and reservoirs, sewer and water facilities, parks, and airields.

Note. Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 current-dolar value of the corresponding series, divided by 100 . Because the formula tor the chain-type quantity The residual line is the difference between the first line and the sum of the most detailed lines.

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

|  | Billions of dollars |  |  | Billions of chained (1992) dollars |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1994 | 1995 | 1996 | 1994 | 1995 | 1996 |
| Private purchases of producers' durable equipment $\qquad$ | 483.0 | 529.6 | 573.7 | 483.5 | 535.2 | 593.1 |
| Nonresidential equipment | 476.1 | 522.4 | 566.2 | 476.8 | 528.3 | 586.0 |
| Information processing and related equipment | 152.1 | 172.8 | 195.1 | 165.1 | 201.8 | 253.1 |
| Office, computing, and accounting machinery | 59.3 | 73.5 | 88.1 | 73.9 | 108.1 | 164.2 |
| Computers and peripheral equipment ${ }^{1}$......... | 51.8 | 65.6 | 78.7 | 67.2 | 102.8 | 160.8 |
| Other .............................................. | 7.5 | 7.9 | 9.3 | 7.3 | 7.5 | 9.0 |
| Communication equipment | 52.8 | 59.4 | 65.9 | 53.7 | 62.0 | 69.9 |
| Instruments | 22.1 | 22.4 | 23.4 | 21.2 | 21.2 | 21.8 |
| Photocopy and related equipment. | 17.9 | 17.6 | 17.7 | 17.3 | 16.6 | 16.4 |
| Industrial equipment | 109.3 | 121.5 | 127.5 | 105.5 | 113.4 | 117.0 |
| Fabricated metal products | 10.5 | 11.1 | 11.7 | 10.4 | 10.6 | 11.0 |
| Engines and turbines ... | 4.8 | 4.2 | 4.0 | 4.6 | 4.0 | 3.7 |
| Metalworking machinery | 24.4 | 28.2 | 29.6 | 23.3 | 26.0 | 26.6 |
| Special industry machinery, n.e.c. -............ | 26.9 | 31.2 | 32.8 | 25.9 | 29.0 | 29.9 |
| General industrial, including materials handling, equipment $\qquad$ | 23.6 | 25.8 | 28.5 | 22.6 | 24.0 | 26.0 |
| Electrical transmission, distribution, and industrial apparatus | 19.0 | 20.9 | 20.9 | 18.6 | 19.8 | 19.7 |
| Transportation and related equipment | 118.6 | 125.7 | 134.5 | 113.2 | 118.9 | 125.0 |
| Trucks, buses, and truck trailers | 55.0 | 63.3 | 68.9 | 50.6 | 56.7 | 61.3 |
| Autos | 48.0 | 42.3 | 45.3 | 47.8 | 43.4 | 45.1 |
| Aircratt | 8.9 | 12.8 | 13.4 | 8.4 | 11.6 | 11.8 |
| Ships and boats | 1.5 | 1.5 | 1.6 | 1.5 | 1.4 | 1.4 |
| Railroad equipment ... | 5.1 | 5.7 | 5.3 | 4.9 | 5.2 | 4.6 |
| Other equipment | 99.9 | 106.9 | 113.7 | 96.0 | 100.3 | 104.6 |
| Furniture and fixtures | 25.6 | 28.1 | 30.2 | 24.5 | 26.2 | 27.4 |
| Tractors.. | 9.9 | 10.4 | 10.9 | 9.5 | 9.8 | 10.2 |
| Agricultural machinery, except tractors ............. | 9.7 | 10.4 | 10.9 | 9.2 | 9.6 | 9.9 |
| Construction machinery, except tractors .......... | 12.0 | 13.5 | 14.4 | 11.4 | 12.4 | 13.0 |
| Mining and oilfield machinery ... | 1.5 | 1.8 | 2.3 | 1.5 | 1.7 | 2.1 |
| Service industry machinery | 13.4 | 14.4 | 15.2 | 13.0 | 13.5 | 14.0 |
| Electrical equipment, n.e.c. ............................. | 10.7 | 10.8 | 11.1 | 10.6 | 10.4 | 10.8 |
| Other ........................................................ | 16.9 | 17.5 | 18.6 | 16.3 | 16.5 | 17.2 |
| Less: Sale of equipment scrap, excluding autos | 3.7 | 4.5 | 4.6 | 3.1 | 3.4 | 3.8 |
| Residential equipment | 6.9 | 7.2 | 7.5 | 6.7 | 7.0 | 7.1 |
| Residual |  |  |  | -1.4 | -10.3 | $-33.8$ |
| Addenda: |  |  |  |  |  |  |
| Private purchases of producers' durable equipment $\qquad$ | 483.0 | 529.6 | 573.7 |  |  |  |
| Less. Dealers' margin on used equipment | 4.9 | 5.3 | 5.8 |  |  |  |
| Net purchases of used equipment from | 1.9 | 5.3 |  |  |  |  |
| government .......................................... | 1.0 | 1.1 | 1.2 |  |  |  |
| Plus: Net sales of used equipment ..... | 31.3 | 37.6 | 39.7 |  |  |  |
| Net exports of used equipment ..... | 1.5 | . 6 | 76 | ........ |  | ...... |
| Sale of equipment scrap ......................... | 3.8 | 4.6 | 4.6 | ......... |  | ......... |
| Equals: Private purchases of new equipment ....... | 513.7 | 566.0 | 611.8 |  | .......... | ......... |

## 1. Includes new computers and peripheral equipment only.

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

Table B.7.-Compensation and Wage and Salary Accruals by Industry
[Millions of dollars]

|  | Compensation |  |  | Wage and salary accruals |  |  |  | Compensation |  |  | Wage and salary accruals |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1994 | 1995 | 1996 | 1994 | 1995 | 1996 |  | 1994 | 1995 | 1996 | 1994 | 1995 | 1996 |
| Total | 4,012,002 | 4,215,434 | 4,426,912 | 3,254,030 | 3,442,583 | 3,633,641 | Communication | 67,070 | 71,112 | 75,153 | 55,320 | 58,933 | 62,279 |
| Domestic Industries ... | 4,014,482 | 4,217,968 | 4,429,472 | 3,256,510 | 3,445,117 | 3,636,201 | Telephone and telegraph .............. Radio and television ................ | $\begin{aligned} & 51,679 \\ & 15,399 \end{aligned}$ | 53,701 17,411 | 56,202 | 42,517 12,803 | 44,315 14,618 | +16,3618 |
| 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 |
|  |  |  |  |  |  |  | Wholesale trade ................................ | 259,828 | 276,202 | 289,438 | 217,964 | 234,467 | 246,452 |
| Agriculture, forestry, and fishing $\qquad$ Farms $\qquad$ | $\begin{aligned} & 34,780 \\ & 14,477 \end{aligned}$ | $\begin{aligned} & 37,011 \\ & 15,588 \end{aligned}$ | $\begin{aligned} & 39,619 \\ & 16,385 \end{aligned}$ | $\begin{aligned} & 29,852 \\ & 12,325 \end{aligned}$ | $\begin{aligned} & 31,915 \\ & 13,309 \end{aligned}$ | $\begin{aligned} & 34,476 \\ & 14,163 \end{aligned}$ | alil trade | 365,722 | 383,120 | 399,951 | 313,776 | 329,936 | 345,994 |
| Agricultural services, torestry, and fishing $\qquad$ | 20,303 | 21,423 | 23,234 | 17,527 | 18,606 | 20,313 | Finance, insurance, and real estate | 310,211 | 324,894 | 350,180 | 260,045 | 273,124 | 296,112 |
| Mining | 32,656 | 32,892 | 33,678 | 26,378 | 26,843 | 27,644 | Depositiory institutions, ...................... | 77,109 | 80,243 21,677 | 83,793 25099 | 62,949 18.087 | 65,664 18317 | 69,013 21223 |
| Meeal mining .............................................. | 2,791 | 3,145 | 3,358 | 2,187 | 2,518 | 2,707 | Noncepositiory insiturions .e.eners | 21,47 53798 | 2,67 <br> 9.450 | -26,973 | 46,857 | 51,967 | 60,688 |
| Coal mining | 6,375 19.069 | 6,174 18,929 | $\begin{array}{r}5,974 \\ \hline 9.539\end{array}$ | $\begin{array}{r}4,993 \\ 15,606 \\ \hline\end{array}$ | $\begin{array}{r}4,884 \\ +15,628 \\ \hline\end{array}$ | 4,739 16.240 | Insurance carriers | 70,378 | 72,737 | 75,871 | 58,148 | 60,125 | 63,079 |
| Nonmetalic minerals, except fuels .... | 4,421 | 4,644 | 4,807 | 3,592 | 3,813 | 3,958 | lnsurance agents, brokers, and | 29.514 | 31.008 | 32.828 | 5039 | 26.384 |  |
| Construction | 182,016 |  |  |  |  |  | Real estate | 41,284 | 42,182 | 44,906 | 34,567 | 35,442 | 37,910 |
|  |  |  |  |  |  |  | Holding and other investment offices | 16,662 | 17,597 | 18,720 | 14,398 | 15,225 | 16,168 |
| Manufacturing | 792,034 | 816,853 | 839,754 | 625,496 | 651,750 | 675,067 |  | 970,992 | 1,051,394 | 1,125,269 | 821,544 | 894,649 |  |
| Durable goods ............................... | 486,844 | 505, 167 | 521,750 | 379,616 | 398,272 | 416,061 | Hotels and other lodging places | 34,231 | 1, 35,886 | 1,127,676 | 28,966 | 30,557 | 32,322 |
| Lumber and wood products ............... | 23,018 14927 | 23,802 | 24,83 15754 15 | 18,495 <br> 11986 | 19,401 | 20,459 <br> 12964 <br> 10, | Personal services ... | 22,439 | 23,495 | 24,609 | 19,383 | 20,405 | 21,518 |
| Stone, clay, and glass products. | 21,564 | 22,129 | 22,920 | 17,054 | 17,706 | 18,548 | Business senvices ....................... | 168,265 | 193888 | 221.473 | 142,292 | 165,300 | 190,526 |
| Primary metal industries .... | 36,102 | 37,261 | 37,888 | 26,841 | 27,990 | 28,866 | Auto repair, services, and parking ...... | 25,924 | 27,830 | 30,388 <br> 12103 <br> 1 | 22,053 8,709 | 23,824 | 26,212 10.455 |
| Fabricated metal products | 56,398 | 58,594 | 60,161 | 44,496 | 48,794 | 48,553 | Motion pictures .................. | 14,426 | 16,837 | 18,956 | 12,224 | 14,399 | 16,289 |
| Industrial machinery and equipmen | 95,407 | 100,891 | 105,182 | 76,720 | 82,191 | 86,528 | Amusement and recreation sevrices ... | 31,264 | 34,526 | 37,235 | 26,179 | 29,150 | 31,764 |
| Eequipment ................................. | 72,726 | 77,181 | 80,895 | 58,302 | 62,681 | 66,179 | Health services ............................... | 325,041 | 344,680 | 359,179 | 271,678 | 289,564 | 303,700 |
| Motor vehicles and equipment .... | 61,771 | 65,04 | 65,911 | 42,384 | 44,888 | 46,377 |  | ${ }^{56,886}$ | 58,333 | 60,452 54,601 | 48,407 | 49,761 | 51,905 4605 |
| Other transportation equipment.......... | 47,367 | 46,243 | 47,105 | ${ }^{36,861}$ | 36,172 | 37,186 |  |  |  | 54,01 |  |  | 46,503 |
| Instruments and related products ...... | 44,806 | 45,579 | 47,745 | 35,960 | 37,013 | 39,158 | organizations | 86,121 | 91,565 | 95,877 | 73,364 | 78,346 | 32,749 |
| 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 .............. | 43,746 | 45,703 | 47,527 | 38,255 | 40,064 | 41.983 |
| Food and kindred products ...... | 59,381 | 61,042 | 62,422 | 47,614 | 49,527 | 50,746 | Other services ${ }^{1}$....... | ${ }^{136,059} 11035$ | 149,531 | 161,263 | 116,205 | 128,432 | ${ }^{139,316} 1$ |
| Tobacco products | 2,768 | 2,949 | 3,014 | 2,062 | 2,215 | 2,268 | Pivate households. | 11,035 | 11,821 | 11,457 | 10,790 | 11,563 | 11,207 |
| Texile mill products | 19,274 | 18,956 | 18,744 | 15.8 | 15, | - | Government. | 800,668 | 825,339 | 855,281 | 602,190 | 622,980 | 642,594 |
| Apparel and other texille products | 32,236 | 20,996 32,936 | - 33,3661 | 17,42 26,230 | 27,058 | 27,672 | Federal .... | 258,006 | 256,051 | 264,853 | 173,413 | 175,045 | 177,228 |
| Printing and publishing | 58,652 | 60,387 | 62,308 | 48,193 | 50,087 | 51,718 | General government ...................... | 208,312 | 207,288 | 212,849 | 139,744 | 140,708 | 142,038 |
| Chemicals and alied products. | 63,653 | 65,393 | 67,538 | 50,743 | 52.582 | 54,411 | Civilian ..................................... | 123,976 | 123,427 | 125,174 | 84,864 | 84,540 | ${ }^{85,541}$ |
| Petroleum and coal products | 10,769 | 10,834 | 10,73 | 7,7 | 7,87 | 7,791 | Military ${ }^{2}$ $\qquad$ | $\begin{aligned} & 84,336 \\ & 49,694 \end{aligned}$ | 83,861 50763 | 87,675 52,004 | 54,880 33,669 | -56,168 | 56,497 35190 |
| Rubber and miscellaneous plastics products | 34,133 | 35,322 | 36,478 |  |  | 29,803 | State and local ............... | 542,662 | 567,288 | 590,428 | 428,777 | 447,935 | 465,366 |
| Leather and leather products ............... | 2,972 | 2,871 | 2,722 | 2,433 | 2,369 | 2,237 | General goverm | 506,154 | 529,188 | 551,031 | 399,489 | 417,381 | 433,845 |
|  |  |  |  |  |  |  | Eoducation ... | 265,457 | 279,024 | 292,665 | 207,472 | 217,962 | 228,252 |
| Transporation and public utillities ...... | 265,575 | 276,517 | 287,023 | 211,840 | 221,770 | 231,072 | Other | 240,697 | 250,164 | 258,366 | 192,047 | 199,49 | 205,593 |
| Transportation .................................. | 144,649 | 150,664 | 156,924 | 113,626 | 119,1070 | 124,815 | Government enterprises ................ | 36,508 | 38,100 | 39,397 | 29,288 | 30,554 | 31,521 |
| Rairraad transportation....e. | 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 |  | 374 | 10,101 | 7,292 |  | 8,381 | Receipts from the rest of the world | 1,239 | 1,323 | 1,338 | 1,239 | 1,323 | 1,338 |
| Trucking and warehousing ............. | 63,763 | 66,914 | 60,838 | 49,750 | 52,694 | 47,040 | Less: Payments to the rest of the worid ${ }^{3}$ | 3,719 | 3,857 | 3,898 | 3,719 | 3,857 | 3,898 |
| Water transporation ............. | 7,757 | 7,843 | 7,895 | 6,238 | 6,323 | 6,429 |  |  |  |  |  |  |  |
| Transportation by air $\qquad$ Pipelines, except natural gas |  | 1,051 |  | $\begin{array}{r}27,989 \\ \hline 9\end{array}$ |  |  | Households and institutions | 312741 | 331,760 | 346, |  |  |  |
| Transportation services ................ | 13,322 | 14,455 | 15,066 | 10,979 | 11,983 | 12,494 | Nonfarm business ................................... | 2,972,798 | 3,134,144 | 3,303,173 |  |  |  |

[^65]Table B.8.-Employment by Industry
[Thousands]

|  | Full-time and part-time employment |  |  | Persons engaged in production ${ }^{1}$ |  |  |  | Full-time and part-time employment |  |  | Persons engaged in production ${ }^{1}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1994 | 1995 | 1996 | 1994 | 1995 | 1996 |  | 1994 | 1995 | 1996 | 1994 | 1995 | 1996 |
| Total ......................................................... | 121,695 | 124,602 | 126,992 | 118,560 | 121,370 | 123,666 | Transportation services | 405 | 423 | 431 | 392 | 419 | 434 |
| Domestic Industries ............................................ | 122,258 | 125,171 |  |  |  | 124,151 | Communications ..................................... | 1,293 | 1,307 | 1,347 | 1,192 | 1,219 | 1,258 |
| Domestic industries ........................................... | 122,258 | 125,171 | 127,543 | 119,042 | 121,858 | 124,151 | Telephone and telegraph Radio and television | 916 377 | 915 392 | 936 411 | 844 348 | 851 368 | 873 385 |
| Private industries .......................................... | 100,326 | 103,195 | 105,596 | 100,750 | 103,531 | 105,947 | Electric, gas, and sanitary services .................................. | 933 | 906 | 882 | 931 | 909 | 878 |
| Agriculture, forestry, and fishing $\qquad$ Farms | $\begin{array}{r} 1,936 \\ 840 \end{array}$ | $\begin{gathered} 2,004 \\ 868 \end{gathered}$ | $\begin{array}{r} 2,069 \\ 860 \end{array}$ | $\begin{aligned} & 3,148 \\ & 1,791 \end{aligned}$ | $\begin{aligned} & 3,199 \\ & 1,810 \end{aligned}$ | $\begin{aligned} & 3,300 \\ & 1,818 \end{aligned}$ | Wholesale trade | 6,235 | 6,475 | 6,558 | 6,324 | 6,559 | 6,589 |
| Agricultural sevvices, forestry, and fishing ...... | 1,096 | 1,136 | 1,209 | 1,357 | 1,389 | 1,482 | Retall trade ............................................... | 21,459 | 21,867 | 22,256 | 18,897 | 19,476 | 19,886 |
| Mining $\qquad$ | 606 | 587 | 583 | 607 | 590 | 586 | Finance, insurance, and real estate .............. | 7,021 | 6,926 | 7,051 | 7,251 | 7,216 | 7,315 |
| Metal mining | 49 113 | 52 | 54 99 | 49 110 | 52 | 54 97 | Finance, insurance, and real estate ............... | 2,068 | 6,926 2,023 | 2,018 | 1,973 | 1,937 | 1,923 |
| Coal mining $\qquad$ <br> Oil and cas extraction | 113 339 | 106 <br> 321 | 99 321 | 110 <br> 345 | $\begin{array}{r}103 \\ 327 \\ \hline\end{array}$ | 97 327 | Nondepository institutions ..................................................... | 488 | 2,463 | , 513 | 485 | + 466 | -506 |
| Nonmetallic minerals, except fuels .. | 105 | 108 | 109 | 103 | 108 | 108 | Security and commodity brokers ................... | 543 | 554 | 582 | 592 | 622 | 648 |
|  |  |  |  |  |  |  | Insurance carriers ........................ | 1,522 | 1,497 | 1,503 | 1,468 | 1,449 | 1,447 |
| Construction | 5,197 | 5,383 | 5,669 | 6,406 | 6,654 | 6,954 | Insurance agents, brokers, and service .......... | 723 1.422 | 732 1.410 | $\begin{array}{r}746 \\ 1.441 \\ \hline\end{array}$ | $\begin{array}{r}853 \\ 1,635 \\ \hline\end{array}$ | $\begin{array}{r}1856 \\ 1.648 \\ \hline\end{array}$ | 873 1,680 |
|  |  |  |  |  |  |  | Real estate ............................................ | $\begin{array}{r}1,422 \\ \hline 255\end{array}$ | 1,410 247 | $\begin{array}{r}1,441 \\ \hline 248\end{array}$ | 1,635 245 | 1,648 <br> 238 | 1,680 238 |
| Manutacturing $\qquad$ <br> Durable goods | 18,428 10,507 | 18,592 10,722 | 18,574 10,834 | 18,445 <br> 10,584 | $\begin{array}{r}18,613 \\ 10,802 \\ \hline\end{array}$ | $\begin{aligned} & 18,577 \\ & 10,911 \end{aligned}$ | Holding and other invesiment onices ............ | 25 | 247 | 248 | 245 | 23 |  |
| Lumber and wood products. | . 776 | 790 | 801 | . 835 | , 857 | 858 | Services | 33,684 | 35,186 | 36,544 | 33,627 | 35,048 | 36,442 |
| Furniture and fixtures ........... | 505 | 512 | 506 | 515 | 525 | 521 | Hotels and other lodging places .................. | 1,712 | 1,754 | 1,791 | 1,549 | 1,587 | 1,625 |
| Stone, clay, and glass products ............... | 535 | 542 | 547 | 544 | 550 | 558 | Personal services | 1,276 | 1,300 | 1,317 | 1,725 | 1,776 | 1,805 |
| Primary metal industries ......................... | 697 | 708 | 709 | 693 | 701 | 707 | Business services .......... | 6,352 | 6,935 | 7,484 | 6,538 | 7,109 | 7,664 |
| Fabricated metal products ....... | 1,396 | 1,443 | 1,452 | 1,390 | 1,441 | 1,446 | Auto repair, services, and parking ................. | 1,075 | 1,132 | 1,205 | 1,338 | 1,362 | 1,480 |
| Industrial machinery and equipment .......... | 2,000 | 2,069 | 2,115 | 1.996 | 2,083 | 2,100 | Miscellaneous repair services ...................... | 350 | 374 | 389 | 568 | 591 | 573 |
| Electronic and other electric equipment | 1,582 | 1,626 | 1,658 | 1,573 | 1,616 | 1,653 | Motion pictures .... | 458 | 506 | 553 | 498 | 543 | 583 |
| Motor vehicles and equipment................. | 900 | 969 | 967 | 895 | 952 | 960 | Amusement and recreation sevices .............. | 1,421 | 1,519 | 1,593 | 1,264 | 1,327 | 1,420 |
| Other transportation equipment ............... | 852 | 817 | 820 | 850 | 816 | 819 | Health services ............................................ | 9,318 | 9,568 | 9,809 | 8,677 | 8,903 | 9,168 |
| Instruments and related products ............. | 860 | 841 | 855 | 853 | 834 | 850 | Legal services .................................................................. | 1,059 | 1,056 | 1,063 | 1,184 | 1,173 | 1,147 |
| Miscellaneous manufacturing industries ..... | 404 | 405 | 404 | 440 | 427 | 439 | Educational services ....................................................................... | 2,024 | 2,075 | 2,141 | 1,860 | 1,915 | 1,986 |
| Nondurable goods ................................... | 7.921 | 7,870 | 7,740 | 7,861 | 7.811 | 7.666 | Social services and membership |  |  |  |  |  |  |
| Food and kindred products ....................... | 1,683 | 1,688 | 1,697 | 1,654 | 1,659 | 1,664 | organizations ........................ | 4,478 | 4,637 | 4,760 | 4,351 | 4,504 | 4,623 |
| Tobacco products ................................. | 43 681 | 42 664 | 42 |  | ${ }_{6}^{42}$ | ${ }_{6}^{42}$ | Social services ........................................................ | 2,328 | 2,454 | 2,534 | 2,563 | 2,689 | 2,772 |
| Textile mill products Apparel and other textio........................ | 681 982 | 664 946 | 869 | 676 998 | 661 952 | 631 881 | Membership organizations ........................................................... | 2,150 | 2,183 | 2,226 | 1,788 | 1,845 | 1,851 |
| Paper and allied products ......................... | 982 | 692 | 682 | 688 | 686 | 677 | Other services ${ }^{2}$...................................... | 2,877 | 3,049 | 3,993 | 3,254 | 3,439 | 3,572 |
| Printing and publishing ............................ | 1,566 | 1,570 | 1,565 | 1,551 | 1,660 | 1,536 | Private households ... | 1,284 | 1,281 | 1,246 | 821 | 819 | 796 |
| Chemicals and allied products ................... | 1,056 | 1,039 | 1,032 | 1,039 | 1,032 | 1,024 |  |  |  |  |  |  |  |
| Petroleum and coal products .................. | 147 | 143 | 139 | 145 | 142 | 138 | Covernment ............................................... | 21,932 5,720 | 21,976 5 | $\begin{array}{r}21,947 \\ 5,357 \\ \hline\end{array}$ | 18,292 4,661 | 18,327 4,530 | 18,204 4,368 |
| Rubber and miscellaneous plastics |  |  |  |  |  |  | Federal .............................................................................. | 5,720 4,748 | 5,560 4,573 | 5,357 4 4,366 | 4,661 <br> 3,867 | 4,530 <br> 3,725 | 4,368 3,562 |
| products .......................................... | 954 | 978 | 981 | 951 | 967 110 | 971 | General government .............................. | 4,748 2,100 | 4,573 2,026 | 4,366 <br> 1,952 <br> 1 | 3,867 <br> 2,052 | 3,725 1,984 1,74 | 3,562 1,912 |
| Leather and leather products ................... | 116 | 108 | 99 | 118 | 110 | 102 |  | $\begin{aligned} & 2,100 \\ & 2,648 \end{aligned}$ | 2,026 | 1,952 2,414 | 2,052 1,815 | 1,984 1,741 | 1,912 1,650 |
| Transportation and public utillities ............... | 6,060 | 6,175 | 6,292 | 6,045 | 6,179 | 6,318 | Government enterprises ......................... | 972 | 987 | 991 | 794 | 805 | 806 |
| Transportation ........................................ | 3,834 | 3,962 | 4,063 | 3,922 | 4,048 | 4,182 | State and local ........................................ | 16,212 | 16,416 | 16,590 | 13,631 | 13,797 | 13,836 |
| Railroad transportation ............................ | 233 | 232 | 224 | 220 | 220 | 212 | General government .............................. | 15,295 | 15,485 | 15,655 | 12,754 | 12,910 | 12,945 |
| Local and interurban passenger transit ...... | 407 | 420 | 440 | 437 | 431 | 444 | Education. | 8,220 | 8,389 | 8,542 | 6,635 | 6,770 | 6,791 |
| Trucking and warehousing ....................... | 1,843 | 1,916 | 1,658 | 1.977 | 2,054 | 1,854 | Other ............................................... | 7,075 | 7,096 | 7,113 | 6,119 | 6,140 | 6,154 |
| Water transportation ............................... | 179 | 178 | 177 | 175 | 178 | 174 | Government enterprises ......................... | 917 | 931 | 935 | 877 | 887 | 891 |
| Transportation by air ............................. | 750 17 | 778 15 | 1,119 | 704 | 731 | 1,050 14 |  |  |  |  |  |  |  |
| Pipelines, except naturai gas ................... | 17 | 15 | 14 | 17 | 15 | 14 | Rest of the world ${ }^{4}$........................................... | -563 | -669 | -551 | -482 | -488 | -485 |

1. Equals the number of full-time equivalent employees (table 6.5) plus the number of self-employed persons (table 6.7). Unpaid family workers are not induded.
2. Consists of museums, botanical, zoological gardens; engineering and management services; and services, not elsewhere classififed.
[^66]Table B.9.-Wage and Salary Accruals Per Full-Time Equivalent Employee and Fuill-Time Equivalent Employees by Industry

|  | Dollars |  |  | Thousands |  |  |  | Dollars |  |  | Thousands |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wages and salaries per full-time equivalent |  |  | Full-time equivalent employees |  |  |  | Wages and salaries per full-time equivalent |  |  | Fullt-ime equivalent employees |  |  |
|  | 1994 | 1995 | 1996 | 1994 | 1995 | 1996 |  | 1994 | 1995 | 1996 | 1994 | 1995 | 1996 |
| Total ${ }^{1}$ | 30,131 |  | $32,121$ | 107,996 | 110,935 | 113,125 | Transportation services $\qquad$ Communications $\qquad$ | $\begin{array}{\|l\|} \hline 1994 \\ \hline 29,593 \\ \hline \end{array}$ | 30,884 | 31,551 | 371 | $\begin{array}{r} 388 \\ 1,195 \end{array}$ | $\begin{array}{r} 396 \\ 1,228 \end{array}$ |
| Domestic Industries .. | 30,020 | 30,919 | $32,006$ | 108,478 | 111,423 | 113,610 | Telephone and telegraph $\qquad$ Radio and television | $\begin{aligned} & 50,736 \\ & 37,218 \end{aligned}$ | 52,945 | $\begin{aligned} & 50,716 \\ & 54,267 \\ & 4,561 \end{aligned}$ | $\begin{aligned} & 81028 \\ & 344 \\ & 344 \end{aligned}$ | ${ }^{837}$ | 854 |
| Private Industries | 29,432 | 30,314 | 31,378 | 90,186 | 93,096 | 95,406 |  |  | 48,857 |  |  | 895 | 872 |
| Agriculture, forestry, and fishing ................... | $\begin{aligned} & 17,833 \\ & 17,118 \end{aligned}$ | 18,331 <br> 17,888 | $\begin{array}{r} 18,870 \\ 18,709 \end{array}$ | 1,674 | 1,744744 | $\begin{aligned} & 1,827 \\ & \hline \end{aligned}$ | Electric, gas, and sanitary services .............. | 36,504 | 37,817 | 50,433 | 5,971 | 6,200 |  |
|  |  |  |  |  |  |  | Wholesale trade ......................................... |  |  | 39,256 |  |  | 6,278 |
| Agricultural sevices................................... | 18,372 | 18,662 | 18,984 | 954 | 997 | $1,070$ | Retall trade ................................................ | 18,130 | 18,300 | 18,821 | 17,307 | 18,029 | 18,383 |
| Mining ................................................... | $\begin{aligned} & 44,482 \\ & 44,633 \end{aligned}$ | $\begin{aligned} & 46,683 \\ & 48,423 \end{aligned}$ | $\begin{aligned} & 48,329 \\ & 50,130 \\ & 50, \end{aligned}$ | $\begin{gathered} 593 \\ 49 \\ 110 \end{gathered}$ | $\begin{gathered} 575 \\ 52 \\ 50 \end{gathered}$ | $\begin{gathered} 572 \\ 54 \\ 54 \end{gathered}$ | Finance, insurance, and real estate ............... | 39,282 | 41,698 | 44,62935926 | 8,620 | 6,550 |  |
| Metal mining .............................................. |  |  |  |  |  |  | Depository institutions ..................................... | 31,921 | 33,935 |  | 1,972 | 1,935 | 1,921 |
| Oil and gas extraction | 47,006 | 49,613 | $\begin{aligned} & 51,566 \\ & 37,440 \end{aligned}$ | 332102 | $\begin{aligned} & 10 \\ & 315 \\ & 105 \end{aligned}$ | 315106 | Nondepostiory institutions .......................... | 38,647 | 41,070 | 43,224 | 468 | 446 | 491 <br> 558 <br> 1 |
| Nonmetalic minerals, except tuels .................. | 35,216 | 36,314 |  |  |  |  | Security and commodity brokers .................... | 89,937 | 97,499 | 108,760 | - 521 | 533 1.449 |  |
|  |  | 30,453 | 31,649 | 4,883 | 5,178 | 5,442 | Insurance agents, brokers, and services ........ Real estate | $\begin{aligned} & 36,447 \\ & 27,456 \end{aligned}$ | 37,854 | ${ }_{39,648}^{43,593}$ | $\begin{aligned} & 1,468 \\ & 687 \\ & 678 \end{aligned}$ | $\begin{array}{r}1,449 \\ 697 \\ \hline 1\end{array}$ | 1.447 <br> 707 |
| Construction ................................................ |  |  |  |  |  |  |  |  | 28,308 | 29,780 |  | $\begin{array}{r}1,252 \\ \\ \hline 38\end{array}$ | $\begin{array}{r}1,4273 \\ 1,238 \\ \hline\end{array}$ |
| Manufacturing | 34,725 | 35,852 | $\begin{aligned} & 37,165 \\ & 39,030 \end{aligned}$ | $\begin{aligned} & 18,013 \\ & 10,373 \end{aligned}$ | $\begin{aligned} & 18,179 \\ & 10550 \end{aligned}$ | $18,164$$10,660$ | Holding and other investment oftices ............ | 58,767 | 63,971 | 67,933 | 245 |  |  |
| Durable goods .................... | 36,724 <br> 64400 |  |  |  |  |  |  |  |  | 29,935 |  |  |  |
| Lumber and wood products .......... | 24.400 | 25,131 | 26,162 | ${ }^{758}$ | 772 | 10,660 | Services ................................................. | 27,886 | 28,987 |  | 29,461 | 30,864 |  |
| Furniture and fixures ................ | 24,212 | $\begin{aligned} & 25,068 \\ & 33,345 \\ & 40,100 \end{aligned}$ | 26,085 <br> 34,799 <br> 1,009 | 528692 | $\begin{aligned} & 531 \\ & 698 \end{aligned}$ | 7533 | Hotess and other lodging places | 17,337 | 20,117 | 20,733 | 1,479 | 1,519 1,139 | 1,1626,875 |
| Primary metal industries ........... | 38,788 |  |  |  |  |  | Business sevices .................................... | 24,554 | 25,942 | $\begin{aligned} & 27,713 \\ & 23,074 \end{aligned}$ | $\begin{aligned} & 5,795 \\ & 1,005 \end{aligned}$ | 6,3721,061 |  |
| Fabricated metal produccis. | 32,455 | 32,954 | 34,07241,761 | 1,3711,9641 | 1,42022,0501 | $\begin{array}{r}1,425 \\ 2,072 \\ \hline\end{array}$ | Auto repair, services, and parking $\qquad$ Miscellaneous repair services $\qquad$ | 21,943 <br> 27,216 | 22,454 |  |  |  | -1,136 |
| Industrial machinery and equipment .......... | 39.063 | 40,093 |  |  |  |  |  |  | 36,639 | 37,706 | 355 | 393 | $\begin{array}{r}358 \\ 432 \\ \hline 109\end{array}$ |
| Electronic and other electric equipment ..... | 37,277 | 39,005 | 40,279 | 1,5694 | 1,6907 | $\begin{array}{r}1,643 \\ \hline\end{array}$ | Motion pictures .................................... | 34,434 <br> 22,904 <br> 1 |  |  |  |  |  |
| Motor vehicles and equipment................. | 47.516 | 44, 4 488 | 48,410 | ${ }_{884}^{892}$ | 9500 |  | Amusement and recreation services .............. |  | 23,680 | 24,509 | 1,143 | 1,231 | 1,296 |
| Instruments and related products...... | 42,506 | 44,810 | 46,451 | 846 | 826 | 843 | Heatirn sevvices | 32,780 | 34,098 | 34,624 | 8,298 | 8,492 | 8.774 |
| Miscellaneous manufacturing industries... | 27,317 | 28,192 | 28,902 | 385 | 析 |  | Legal services Edicater | ${ }^{531,437}$ | 24,263 | 54,984 | 1,747 | $\begin{array}{r}1,837 \\ \hline\end{array}$ | 944 |
| Nondurable goods | 32,032 | 33,226 | 34,516 | 7,676 | 7,629 | 7,504 | Social services and membership |  |  |  |  |  | , |
| Food and kindred products .... | 29,157 | ${ }^{30,163}$ | ${ }^{30,681}$ | 1,633 | 1,642 | 1,654 | organizations ...................... | 19,266 | 19,834 | 20,346 | 3,808 | 3,950 | 4,067 |
| Tobacco productis ............................... | 27,953 | 52,738 | 54,000 24,950 | 43 670 | 654 | ${ }_{623} 6$ | Social services .............. | 17,381 | 17,931 | 18,396 | 2,020 | 2,135 | 2,216 |
| Apparel and other textile erocucucts................. | 18,169 | ${ }_{18,828}$ | 19,877 | 960 | 920 | ${ }_{846}$ | Membership organizations ............. | 21,395 | 22,074 | 22,681 | 1,788 | 1,815 | 1,851 |
| Paper and allied 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 | 19 | 796 |
| Chemicals and allied products .................. | 48,932 | 51,200 | 53,344 | 1,037 | 1,027 | i,020 | Government .................... | 32,921 | 33,992 | 35,300 | 18,292 | 18,327 | 18,204 |
| Petroleum and coal products $\qquad$ Rubber and miscellaneous plastics | 53,766 | 55,90 | 56,457 | 145 | 142 | 138 | Federal ............................. | 37,205 | 38,641 | 40,574 | 4,661 | 4,530 | 4,368 |
| products ......................... | 29.253 | 29.921 | 30.884 | 941 | 962 |  | General government | 36,138 | 37,774 | 39,876 | 3,867 | 3,725 | 3,562 |
| Leather and leather products ................... | 21,531 | 22,349 | 23,547 | 113 | 106 | 95 | Civillan | 41,357 | 42,611 | 44,739 | 2,052 | 1,984 | 1.912 |
|  |  |  |  |  |  |  |  | 30,237 | 32,262 | 34,241 | 1,815 | 1,741 | 1,650 |
| Transportation and public utllitles ................. | 37,401 | 38,369 | 39,278 | 5,664 | 5,780 | 5,883 | Government enterprises | 42,404 | 42,655 | 43,660 | 794 | 805 | 806 |
| Transporation | 31,882 | 32,279 | 32,994 | 3,564 | 3,690 | 3,783 | State and local .......... | ${ }_{31323}^{31,456}$ | ${ }_{32} 32,466$ | -33,634 | 13,631 12754 | ${ }^{13,797}$ | 13,836 <br> 12945 <br> 1805 |
| Railroad transportation | 51,132 | 51,232 | 53,877 | 220 | 220 | 212 | Education ..... | 31,269 | 32,195 | 33,611 | 6,635 | 6.770 | 6,791 |
| Local and interuiban passenger transit ...... Trucking and warehousing | ${ }^{19,655}$ | 20,133 | 20,848 30,348 | 1,720 | 1,7914 | 1,550 | Education | 31,380 | 32,479 | 33,408 | 6,197 | 6,140 | 6,154 |
| Water transpotation | 37,353 | 37,862 | 38,729 | 167 | 167 | 166 | Government enterprises ........................ | 33,396 | 34,446 | 35,377 | 877 | 887 | 891 |
| Transiortation by air ........................... | $\begin{aligned} & 38,953 \\ & 54,647 \end{aligned}$ | 37,933 | 36,644 59,14 | 698 17 | 725 15 | 1.043 14 | Rest of the world ${ }^{4}$. |  |  |  | -482 | -488 | -485 |

1. Full-time equivalent employees equals the number of employees on full-time schedules plus the number of employess on part-time schedules converted to a full-time basis. The number of full-time equivalent employees in for all employees to average weekly hours per employee on full-time schedules.
2. Consists of museums, botanical, zoological gardens; engineering and management services; and services, not
elsewhere classified.
3. Includes Coast
4. Includes Coast Guard.
5. Beginning with 1993, includes estimates of foreign protessional workers and undocumented Mexican migratory workers employed temporarily in the United States.
NOTE.-Estimates in this table are based on the 1987 Standard Industrial Classification (SIC).

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

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

[^67]Table B.11.-Housing Sector Output, Gross Product, and National Income

|  | Billions of dollars |  |  | Billions of chained (1992) dollars |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1994 | 1995 | 1996 | 1994 | 1995 | 1996 |
| Housing output ${ }^{1}$.................................... | 686.7 | 722.7 | 758.1 | 649.9 | 663.4 | 675.2 |
| Nonfarm housing | 680.9 | 716.8 | 752.0 | 644.8 | 658.3 | 670.2 |
| Owner-occupied | 507.0 | 532.2 | 558.3 | 479.6 | 487.2 | 495.3 |
| Tenant-occupied.. | 174.0 | 184.6 | 193.6 | 165.2 | 171.1 | 174.9 |
| Farm housing ......................................... | 5.8 | 5.9 | 6.1 | 5.2 | 5.2 | 5.1 |
| Less: Intermediate goods and services consumed $\qquad$ | 87.6 | 88.5 | 94.1 | 83.1 | 82.1 | 85.3 |
| Equals: Gross housing product .... | 599.1 | 634.2 | 664.0 | 566.8 | 581.3 | 589.9 |
| Nonfarm housing .................................... | 594.4 | 629.2 | 658.8 | 562.7 | 577.0 | 585.7 |
| Owner-occupied ................................ | 439.5 | 462.8 | 484.0 | 415.6 | 423.1 | 428.3 |
| Tenant-occupied ................................. | 155.0 | 166.4 | 174.9 | 147.1 | 153.9 | 157.5 |
| Farm housing ..................................... | 4.7 | 5.0 | 5.1 | 4.2 | 4.3 | 4.2 |
| Less: Consumption of fixed capital $\qquad$ | 120.5 | 114.8 59 | 118.2 | 112.2 | 103.6 | 104.6 |
| Less: CCAdj .......................................... | -59.6 | -55.1 | -55.4 |  |  |  |
| Equals: Net housing product ................... | 478.6 | 519.4 | 545.8 | 454.5 | 477.8 | 485.5 |
| Less: Indirect business tax and nontax liability plus business transfer payments ... | 112.9 | 116.2 | 119.5 |  |  |  |
| Plus: Subsidies less current surpilus of government enterprises $\qquad$ | 20.6 | 20.8 | 22.6 |  |  |  |
| Equals: Housing national income .............. | 386.4 | 424.0 | 448.9 |  |  |  |
| Compensation of employees | 7.7 | 8.1 | 8.5 |  |  |  |
| Proprietors' income with IVA and CCAdj ... | 17.6 | 25.2 | 27.1 |  |  |  |
| Rental income of persons with CCAdj ....... | 96.7 | 104.3 | 115.8 |  |  | .......... |
| Corporate profits with IVA and CCAdj ....... | 4.2 | 5.1 | 5.6 | ........... |  | ........... |
| Net interest ........................................... | 260.2 | 281.3 | 292.0 |  |  |  |

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

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

Table B.12.-Net Stock of Fixed Private Capital, by Type
[Yearend estimates]

|  | Current-cost valuation (billions of dollars) |  |  |  |  |  | Chain-type quantity indexes (1992=100) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 |
| Fixed private capital | 12,955.2 | 13,484.1 | 14,198.8 | 15,064.5 | 15,738.6 | 16,503.4 | 98.49 | 100.00 | 101.94 | 104.15 | 106.67 | 109.58 |
| Private producers' durable equipment . | 2,570.3 | 2,642.7 | 2,742.1 | 2,881.7 | 3,050,3 | 3,232.9 | 98.37 | 100.00 | 102.74 | 106.62 | 111.68 | 117.63 |
| Nonresidential equipment | 2,519.5 | 2,590.0 | 2,686.7 | 2,823.1 | 2,989.3 | 3,168.9 | 98.39 | 100.00 | 102.72 | 106.61 | 111.70 | 117.69 |
| Information processing and related equipment | 603.2 | 629.0 | 650.4 | 673.8 | 704.0 | 785.4 | 94.86 | 100.00 | 106.40 | 113.96 | 125.25 | 140.31 |
| Office, computing, and accounting machinery | 119.0 | 120.7 | 128.3 | 138.5 | 151.2 | 175.7 | 87.31 | 100.00 | 120.18 | 144.51 | 189.31 | 264.83 |
| Computers and peripheral equipment ....... | 99.5 | 101.0 | 107.9 | 118.0 | 130.4 | 153.9 | 85.14 | 100.00 | 124.20 | 154.49 | 211.49 | 308.42 |
| Other office equipment .................... | 19.5 | 19.7 | 20.4 | 20.6 | 20.9 | 21.8 | 99.35 | 100.00 | 101.27 | 101.08 | 101.82 | 108.04 |
| Communication equiprnent | 318.9 | 330.8 | 333.0 | 335.3 | 342.7 | 391.5 | 97.21 | 100.00 | 102.41 | 106.50 | 112.84 | 120.39 |
| Instruments ...................... | 101.4 | 109.9 | 117.9 | 124.1 | 130.6 | 136.2 | 95.09 | 100.00 | 105.34 | 109.32 | 112.73 | 116.19 |
| Photocopy and related equipment ......................................... | 64.0 | 67.5 | 71.2 | 75.8 | 79.4 | 82.0 | 97.52 | 100.00 | 104.27 | 109.02 | 112.00 | 113.98 |
| Industrial equipment | 898.3 | 916.8 | 945.7 | 991.4 | 1,050.3 | 1,083.6 | 99.38 | 100.00 | 101.38 | 103.55 | 106.34 | 108.92 |
| Fabricated metal products .................................................. | 87.7 | 86.7 | 87.0 | 90.3 | 93.5 | 95.7 | 100.79 | 100.00 | 100.07 | 100.95 | 101.72 | 102.72 |
| Engines and turbines ........................................................ | 50.8 | 51.8 | 53.2 | 56.8 | 58.4 | 59.7 | 97.84 | 100.00 | 102.12 | 104.56 | 105.58 | 105.86 |
| Steam engines | 46.0 | 47.1 | 48.2 | 51.5 | 52.5 | 53.5 | 97.48 | 100.00 | 102.13 | 104.33 | 104.68 | 104.57 |
| Internal combustion engines | 4.8 | 4.7 | 5.0 | 5.4 | 5.9 | 6.3 | 101.47 | 100.00 | 102.06 | 106.76 | 114.34 | 18.43 |
| Metalworking machinery | 167.1 | 168.8 | 174.4 | 183.0 | 197.0 | 205.8 | 100.38 | 100.00 | 100.48 | 102.74 | 106.16 | 109.54 |
| Special industry machinery, n.e.c | 193.4 | 199.4 | 207.5 | 218.2 | 232.1 | 240.0 | 99.14 | 100.00 | 101.85 | 104.03 | 107.46 | 109.64 |
| General industrial, including materials handling, equipment ......... | 185.7 | 189.0 | 194.9 | 202.5 | 212.5 | 220.8 | 100.53 | 100.00 | 100.70 | 102.25 | 104.37 | 107.35 |
| Electrical transmission, distribution, and industrial apparatus ........ | 213.6 | 221.0 | 228.7 | 240.5 | 256.7 | 261.6 | 97.65 | 100.00 | 102.57 | 105.65 | 109.13 | 112.29 |
| Transportation and related equipment | 491.2 | 510.0 | 538.9 | 581.2 | 627.2 | 660.5 | 98.93 | 100.00 | 102.30 | 106.91 | 111.87 | 116.89 |
| Trucks, buses, and truck trailers. | 160.6 | 169.1 | 185.5 | 210.1 | 236.8 | 259.6 | 98.99 | 100.00 | 105.33 | 115.39 | 127.18 | 139.25 |
| Autos | 102.5 | 107.6 | 111.7 | 124.6 | 131.1 | 138.0 | 97.44 | 100.00 | 100.93 | 109.20 | 113.03 | 117.20 |
| Aircraft | 114.4 | 121.2 | 127.1 | 129.2 | 136.2 | 140.3 | 97.17 | 100.00 | 102.25 | 100.57 | 101.80 | 103.08 |
| Ships and boats | 45.5 | 45.1 | 45.6 | 44.7 | 44.3 | 44.4 | 103.69 | 100.00 | 98.25 | 95.33 | 92.42 | 89.79 |
| Railroad equipment .............................................................. | 68.2 | 67.1 | 69.0 | 72.7 | 78.8 | 78.3 | 101.16 | 100.00 | 99.65 | 100.79 | 102.22 | 102.81 |
| Other equipment | 526.8 | 534.2 | 551.8 | 576.6 | 607.7 | 639.4 | 100.42 | 100.00 | 101.19 | 103.29 | 106.07 | 109.92 |
| Funniture and fixtures | 140.0 | 146.1 | 153.8 | 163.0 | 175.0 | 186.2 | 96.81 | 100.00 | 103.04 | 105.84 | 110.10 | 115.18 |
| Household furniture ...................................................... | 9.0 | 9.1 | 9.4 | 9.7 | 10.1 | 10.5 | 100.22 | 100.00 | 100.43 | 101.74 | 103.22 | 105.88 |
| Other furniture | 131.0 | 137.0 | 144.4 | 153.3 | 164.9 | 175.7 | 96.59 | 100.00 | 103.21 | 106.12 | 110.55 | 115.79 |
| Tractors | 54.1 | 54.1 | 55.1 | 57.2 | 59.1 | 60.9 | 102.77 | 100.00 | 99.71 | 101.34 | 103.25 | 105.60 |
| Farm tractors | 42.3 | 42.4 | 43.2 | 45.1 | 46.8 | 48.2 | 102.43 | 100.00 | 100.28 | 102.61 | 105.11 | 107.84 |
| Construction tractors ...................................................... | 11.8 | 11.7 | 11.9 | 12.1 | 12.3 | 12.7 | 103.99 | 100.00 | 97.68 | 96.85 | 96.65 | 97.69 |
| Agricultural machinery, except tractors .................................... | 65.4 | 64.9 | 65.6 | 67.1 | 69.9 | 72.2 | 103.85 | 100.00 | 98.79 | 99.07 | 99.89 | 101.40 |
| Construction machinery, except tractors | 66.7 | 66.0 | 66.8 | 69.6 | 73.2 | 77.1 | 104.46 | 100.00 | 99.09 | 100.51 | 103.15 | 106.11 |
| Mining and oilfield machinery | 16.7 | 15.3 | 14.6 | 14.0 | 13.8 | 13.3 | 110.04 | 100.00 | 93.67 | 87.79 | 83.85 | 78.91 |
| Service industry machinery .. | 61.0 | 60.3 | 61.0 | 64.5 | 69.2 | 76.7 | 103.27 | 100.00 | 99.38 | 103.02 | 107.46 | 117.36 |
| Electrical equipment, n.e.c ................................................. | 41.5 | 44.6 | 47.2 | 48.9 | 50.3 | 50.9 | 94.43 | 100.00 | 104.87 | 107.43 | 109.26 | 11.42 |
| Household appiances.. | 4.5 | 4.6 | 4.7 | 4.9 | 5.1 | 5.2 | 99.31 | 100.00 | 101.98 | 104.43 | 107.35 | 110.74 |
| Other | 37.0 | 40.1 | 42.5 | 44.0 | 45.2 | 45.7 | 93.87 | 100.00 | 105.20 | 107.77 | 109.47 | 11.49 |
| Other nonresidential equipmen | 81.2 | 83.0 | 87.7 | 92.4 | 97.2 | 102.1 | 98.81 | 100.00 | 103.18 | 106.40 | 109.34 | 112.59 |
| Residential equipment | 50.8 | 52.6 | 55.4 | 58.6 | 61.0 | 64.1 | 97.03 | 100.00 | 103.36 | 107.18 | 111.01 | 114.80 |
| Private structures | 10,384.9 | 10,841.4 | 11,456.7 | 12,182,8 | 12,688.3 | 13,270.4 | 98.52 | 100.00 | 101.75 | 103.57 | 105.50 | 107.74 |
| Nonresidential structures | 4,177.2 | 4,302.7 | 4,528.9 | 4,775.6 | 4,970.8 | 5,163.3 | 98.92 | 100.00 | 101.16 | 102.20 | 103.61 | 105.43 |
| Nonresidential buildings, excluding | 2,593.9 | 2,686.1 | 2,834.9 | 3,011.3 | 3,144.1 | 3,299.0 | 98.44 | 100.00 | 101.38 | 102.97 | 105.02 | 107.92 |
| Industrial buildings | 589.7 | 613.0 | 636.2 | 673.6 | 700.7 | 725.9 | 98.36 | 100.00 | 100.17 | 101.44 | 103.03 | 104.54 |
| Office buildings ${ }^{1}$ | 611.2 | 625.4 | 670.1 | 707.8 | 736.5 | 767.1 | 98.72 | 100.00 | 101.51 | 102.54 | 104.24 | 106.37 |
| Commercial buildings | 653.7 | 678.7 | 717.2 | 765.0 | 803.8 | 855.8 | 98.46 | 100.00 | 101.96 | 103.93 | 106.63 | 111.20 |
| Mobile structures | 6.4 | 6.6 | 7.2 | 7.9 | 8.3 | 8.7 | 98.26 | 100.00 | 101.54 | 103.27 | 105.36 | 107.95 |
| Other commercial ${ }^{2}$ | 647.4 | 672.1 | 710.1 | 757.1 | 795.5 | 847.1 | 98.47 | 100.00 | 101.97 | 103.94 | 106.64 | 111.24 |
| Religious buildings ... | 119.7 | 123.5 | 129.4 | 136.6 | 141.4 | 146.2 | 99.10 | 100.00 | 101.10 | 102.06 | 103.23 | 104.47 |
| Educational buildings | 102.6 | 108.0 | 14.7 | 123.5 | 130.2 | 138.0 | 97.05 | 100.00 | 102.47 | 105.40 | 108.64 | 112.77 |
| Hospital and institutional buildings | 246.2 | 259.8 | 276.7 | 297.9 | 311.6 | 325.6 | 96.87 | 100.00 | 102.72 | 105.71 | 108.08 | 110.59 |
| Other | 270.8 | 277.6 | 290.6 | 307.0 | 319.9 | 340.5 | 99.67 | 100.00 | 100.79 | 101.88 | 103.76 | 108.01 |
| Hoteis and motels | 135.6 | 139.2 | 145.9 | 153.7 | 161.0 | 173.3 | 99.51 | 100.00 | 101.03 | 101.79 | 104.25 | 109.82 |
| Amusement and recreational buildings .. | 67.8 | 70.2 | 73.7 | 78.6 | 83.2 | 88.7 | 98.63 | 100.00 | 101.25 | 103.20 | 106.83 | 11.45 |
| Other nonfarm buildings ${ }^{3}$.................... | 67.4 | 68 | 71.0 | 4.7 | 75.7 | 78.5 | 101.07 | 100.00 | 99.84 | 100.73 | 60 | 100.81 |
| Utilities | 1,032.3 | 1,052.0 | 1,120.2 | 1,159.7 | 1,199.7 | 1,236.4 | 99.44 | 100.00 | 100.59 | 100.76 | 101.29 | 101.73 |
| Railroad | 266.7 | 272.4 | 290.1 | 294.0 | 300.3 | 311.1 | 100.93 | 100.00 | 99.08 | 98.22 | 97.42 | 96.92 |
| Telecommunications | 181.1 | 185.3 | 194.0 | 204.8 | 218.3 | 229.9 | 98.21 | 100.00 | 101.66 | 103.71 | 106.33 | 109.22 |
| Electric light and power | 410.9 | 423.8 | 443.4 | 459.6 | 476.5 | 481.8 | 99.61 | 100.00 | 100.86 | 100.77 | 101.20 | 101.28 |
| Gas | 136.8 | 143.1 | 153.0 | 160.0 | 163.1 | 170.4 | 97.56 | 100.00 | 101.42 | 101.99 | 102.88 | 103.23 |
| Petroleum pipelines ........... | 36.8 | 37.5 | 39.6 | 41.2 | 41.5 | 43.2 | 100.12 | 100.00 | 100.18 | 100.25 | 100.00 | 99.92 |
| Farm related buildings and structures | 182.0 | 183.5 | 194.3 | 201.6 | 204.6 | 206.1 | 101.36 | 100.00 | 102.10 | 101.29 | 100.48 | 99.14 |
| Mining exploration, shafts, and wells | 263.8 | 259.0 | 260.1 | 274.5 | 283.7 | 278.5 | 101.90 | 100.00 | 99.14 | 98.31 | 97.36 | 95.89 |
| Petroleum and natural gas. | 234.7 | 229.3 | 229.2 | 241.6 | 250.0 | 244.5 | 102.17 | 100.00 | 98.97 | 97.82 | 96.76 | 95.21 |
| Other mining | 29.0 | 29.7 | 31.0 | 32.9 | 33.7 | 34.1 | 99.81 | 100.00 | 100.48 | 101.99 | 101.92 | 101.14 |
| Other nonfarm structures ${ }^{4}$..... | 105.2 | 112.1 | 119.4 | 128.4 | 138.7 | 143.3 | 94.60 | 100.00 | 104.32 | 107.95 | 111.30 | 113.37 |
| Residential structures | 6,207.7 | 6,538.7 | 6,927.8 | 7,407.2 | 7,717.5 | 8,107.1 | 98.25 | 100.00 | 102.14 | 104.47 | 106.75 | 109.25 |
| Housing units | 5,057.2 | 5,327.0 | 5,667.3 | 6,078.4 | 6,322.4 | 6,639.3 | 98.37 | 100.00 | 102.00 | 104.20 | 106.43 | 108.99 |
| Permanent site | 4,959.6 | 5,226.1 | 5,557.9 | 5,956.2 | 6,190.1 | 6,497.7 | 98.36 | 100.00 | 102.00 | 104.17 | 106.36 | 108.86 |
| 1-10-4-unit | 4,226.4 | 4,465.3 | 4,796.1 | 5,182.3 | 5,398.5 | 5,662.9 | 98.09 | 100.00 | 102.37 | 105.01 | 107.45 | 110.22 |
| 5-or-more-unit | 733.2 | 760.7 | 761.9 | 773.8 | 791.5 | 834.8 | 99.97 | 100.00 | 99.78 | 99.05 | 99.64 | 100.47 |
| Mobile homes | 97.6 | 100.9 | 109.4 | 122.2 | 132.3 | 141.5 | 99.10 | 100.00 | 102.02 | 105.56 | 110.07 | 115.21 |
| Improvements | 1,124.7 | 1,185.1 | 1,232.6 | 1,299.8 | 1,365.8 | 1,438.0 | 97.64 | 100.00 | 102.83 | 105.87 | 108.42 | 110.75 |
| Other residential ${ }^{5}$........................................................................... | 25.9 | 26.6 | 27.8 | 29.0 | 29.3 | 29.9 | 100.98 | 100.00 | 99.67 | 98.53 | 97.95 | 97.69 |

[^68]
## C. Historical Tables

Table C. 1 is derived from the "Summary National Income and Product Series" tables that were published in the August 1997 issue of the Survey of Current Business; tables C. $2-$ C. 7 are derived from nipa tables published in the August 1997 issue. (Changes in prices are calculated from indexes expressed to three decimal places.)

Table C.1.-Historical Measures of Real Gross Domestic Product, Real Gross National Product, and Real Gross Domestic Purchases [Quarterly data are seasonally adjusted at annual rates]

| Year and quarter | Bilions of chained (1992) doliars |  |  | Percent change from preceding period |  | Chain-type price indexes |  | Implicit price deflators |  | Percent change from preceding period |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Gross domestic product | Final sales ofcomesticproduct | Gross national product |  | Final sales ofdomesticproduct | Gross domesticproduct | Gross domestic purchases | Gross domestic product | Gross national product | Chain-type price index |  | Implicit price deflators |  |
|  |  |  |  | Gross domestic product |  |  |  |  |  | Gross domestic product | Gross domestic purchases | Gross domestic product | Gross national product |
| 1959 ............. | 2,210.2 | 2,206,9 | 2,222.0 | 7.4 | 6.5 | 22.95 | 22.44 | 22.95 | 22.96 | 1.0 | 1.0 | 1.0 | 1.0 |
| 1960 ............... | 2,262.9 | 2,264.2 | 2,276.0 | 2.4 | 2.6 | 23.27 | 22.75 | 23.27 | 23.28 | 1.4 | 1.4 | 1.4 | 1.4 |
| 1961 ............... | 2,314,3 | 2,318,0 | 2,329.1 | 2.3 | 2.4 | 23.54 | 23.00 | 23.54 | 23.55 | 1.2 | t.1 | 1.2 | 1.2 |
| 1962 ................ | 2,454,8 | 2,445.4 | 2,471.5 | 6.1 | 5.5 | 23.84 | 23.28 | 23.84 | 23.85 | 1.3 | 1.2 | 1.3 | 1.3 |
| 1963 ............... | 2,569.4 | 2,552.4 | 2,577.3 | 4.3 | 4.4 | 24.12 | 23.58 | 24.12 | 24.13 | 1.2 | 1.3 | 1.2 | 1.2 |
| 1964 ............... | 2,708.4 | 2,705.1 | 2,727.8 | 5.8 | 6.0 | 24.48 | 23.94 | 24.48 | 24.49 | 1.5 | 1.6 | 1.5 | 1.5 |
| 1965 ............... | 2,881.1 | 2,860.4 | 2,901.4 | 6.4 | 5.7 | 24.95 | 24.39 | 24.96 | 24.97 | 1.9 | 1.9 | 2.0 | 2.0 |
| 1966 ............... | 3,069.2 | 3,033.5 | 3,087.8 | 6.5 | 6.1 | 25.66 | 25.07 | 25.67 | 25.68 | 2.8 | 2.8 | 2.8 | 2.8 |
| 1967 ................ | 3,147.2 | 3,125.1 | 3,166.4 | 2.5 | 3.0 | 26.48 | 25.83 | 26.49 | 26.50 | 3.2 | 3.0 | 3.2 | 3.2 |
| 1968 ................ | 3,293,9 | 3,278.0 | 3,314,5 | 4.7 | 4.9 | 27.64 | 26.95 | 27.64 | 27.66 | 4.4 | 4.3 | 4.4 | 4.4 |
| 1969 ................ | 3,393,6 | 3,377,2 | 3,413,3 | 3.0 | 3.0 | 28.94 | 28.21 | 28.94 | 28.96 | 4.7 | 4.7 | 4.7 | 4.7 |
| 1970 ............... | 3,397.6 | 3,406.5 | 3,417.1 | . 1 |  | 30.48 | 29.73 | 30.48 | 30.50 | 5.3 | 5.4 | 5.3 | 5.3 |
| 1971 ................ | 3,510.0 | 3,499.8 | 3,532.1 | 3.3 | 2.7 | 32.05 | 31.32 | 32.06 | 32.08 | 5.2 | 5.3 | 5.2 | 5.2 |
| 1972 ............... | $3,702.3$ | 3,689.5 | 3,726.3 | 5.5 | 5.4 | 33.42 | 32.71 | 33.42 | 33.44 | 4.2 | 4.5 | 4.2 | 4.2 |
| 1973 ............... | 3,916.3 | 3,883,9 | 3,950.1 | 5.8 | 5.3 | 35.30 | 34.64 | 35.30 | 35.32 | 5.6 | 5.9 | 5.6 | 5.6 |
| 1974 ............... | 3,891.2 | 3,873,4 | 3,930.2 | -6 | -3 | 38.46 | 38.17 | 38.47 | 38.49 | 8.9 | 10.2 | 9.0 | 8.9 |
| 1975 ................ | 3,873.9 | 3,906,4 | 3,903.3 | -. 4 | 9 | 42.09 | 41.72 | 42.09 | 42.11 | 9.4 | 9.3 | 9.4 | 9.4 |
| 1976 ................ | 4,082.9 | 4,061,7 | 4,118.8 | 5.4 | 4.0 | 44.55 | 44.15 | 44.55 | 44.58 | 5.8 | 5.8 | 5.8 | 5.9 |
| 1977 ............... | 4,273.6 | 4,240.8 | 4,314.5 | 4.7 | 4.4 | 47.42 | 47.18 | 47.43 | 47.46 | 6.5 | 6.9 | 6.5 | 6.5 |
| 1978 ............... | 4,503.0 | 4,464.4 | 4,543.7 | 5.4 | 5.3 | ${ }^{50.88}$ | 50.65 | 50.89 | 50.92 | 7.3 | 7.4 | 7.3 | 8.3 |
| 1979 ................ | 4,630.6 | 4,614,4 | 4,687.4 | 2.8 | 3.4 | 55.22 | 55.22 | 55.23 | 55.26 | 8.5 | 9.0 | 8.5 | 8.5 |
| 1980 | $4,615.0$ | 4,641.9 | 4.670 .8 | $-3.3$ | 1.6 | 60.34 | 61.10 66.72 | 60.33 | 60.36 66.05 | 9.3 | 10.7 9.2 | 9.2 | 9.2 9.4 |
| 1982 ..................... | 4,620.3 | 4,651.2 | 4,662.0 | -2.1 | -.9 | 70.18 | 70.64 | 70.17 | 70.21 | 6.3 | 5.9 | 6.3 | 6.3 |
| 1983 ............... | 4,803.7 | 4,821.2 | 4,844.8 | 4.0 | 3.7 | 73.16 | 73.31 | 73.16 | 73.20 | 4.3 | 3.8 | 4.3 | 4.3 |
| 1984 .............. | 5,140.1 | 5,061.6 | 5,178.0 | 7.0 | 5.0 | 75.92 | 75.90 | 75.92 | 75.97 | 3.8 | 3.5 | 3.8 | 3.8 |
| 1985 .............. | 5,323.5 | 5,296.9 | 5,346.7 | 3.6 | 4.6 | 78.53 | 78.34 | 78.53 | 78.57 | 3.4 | 3.2 | 3.4 | 3.4 |
| 1986 ............... | 5,487.7 | 5,480.9 | 5,501.2 | 3.1 | 3.5 | 80.58 | 80.40 | 80.58 | 80.62 | 2.6 | 2.6 | 2.6 | 2.6 |
| 1987 ............... | 5,649.5 | 5,626.0 | 5,658.2 | 2.9 | 2.6 | 83.06 | 83.11 | 83.06 | 83.09 | 3.1 | 3.4 | 3.1 | 3.1 |
| 1988 ................ | 5,866.2 | 5,865.1 | 5,878.5 | 3.8 | 4.1 | 86.10 | 86.13 | 86.09 | 86.12 | 3.7 | 3.6 | 3.7 | 3.7 |
| 1989 ............... | 6,062.0 | 6,028.7 | 6,075.7 | 3.4 | 3.0 | 89.72 | 89.78 | 89.72 | 89.75 | 4.2 | 4.2 | 4.2 | 4.2 |
| $1990 . . . . . . . . . . . . . . . ~$ | 6,136.3 | 6,126.7 | 6,157.0 | 1.2 | 1.6 | 93.64 | 93.83 | 93.60 | 93.63 | 4.4 | 4.5 | 4.3 | 4.3 |
| 1991 ................. | 6,079.4 | 6,082.6 | 6,094.9 | -9 | $-.7$ | 97.32 | 97.30 | 97.32 | 97.33 | 3.9 | 3.7 | 4.0 | 4.0 |
| 1992 ............... | 6,244.4 | 6,237.4 | $6,255.5$ | 2.7 | 2.5 | 100.00 | 100.00 | 100.00 | 100.00 | 2.8 | 2.8 | 2.8 | 2.7 |
| $1995 . . . . . . . . . . . . . . . . ~$ |  |  |  |  | 2.5 |  | 107.52 | 107.76 |  |  |  |  |  |
| 1996 .................. | 6,928.4 | 6,901.0 | 6,932.0 | 2.8 | 2.8 | 110.22 | 109.86 | 110.21 | 110.18 | 2.3 | 2.2 | 2.3 | 2.3 |
| 1959: $1 . . . . . . . . . . .$. | $2,165.0$ | 2,165.5 | 2,176.2 | 8.6 | 9.2 | 22.86 | 22.35 | 22.92 | 22.93 | . 8 | 1.1 |  |  |
| $11 . . . . . . . . . .$. | 2,223,3 | 2,204.2 | 2,234.5 | 11.2 | 7.3 | 22.92 | 22.41 | 22.91 | 22.91 | 1.1 | 1.1 | -. 3 |  |
| ${ }_{\text {M }}^{1 / . . . . . . . . . . . . ~}$ | 2,221.4 | ${ }_{2,2232.6}^{2}$ | $2,233.5$ 2,2439 | $-17$ | 5.3.3 | 22.96 2305 | 22.45 | 22.94 | 22.96 | . 7 | 7.7 | ${ }^{.6}$ | 16 |
| N .......... | 2,231.0 | 2,225.3 | 2,243.9 | 1.7 | -1.3 | 23.05 | 22.53 | 23.03 | 23.04 | 1.5 | 1.5 | 1.6 | 1.6 |
| 1960: 1 ............ | 2,279.2 | 2,248.5 | 2,291.6 | 8.9 | 4.2 | 23.10 | 22.57 | 23.13 | 23.14 | . 9 | . 8 |  | 1.9 |
| II........... | 2,265.5 | 2,268.4 | 2,278.2 | -2.4 | 3.6 | 23.21 | 22.69 | 23.22 | 23.23 | 2.0 | 2.1 | 1.5 | 1.5 |
| III (........... | ${ }_{2}^{2,2388.6}$ | $2,265.1$ $2,274.7$ | $2,281.6$ $2,252.7$ | . 5 | -7.7 | 23.32 23.44 | 22.80 22.92 | ${ }^{23.32}$ | ${ }^{23.33}$ | 2.0 | 2.0 | 1.7 |  |
| 18 ........... | 2,238.6 | 2,274.7 | 2,252.7 | -5.1 | 1.7 | 23.44 | 22.92 | 23.40 | 23.47 | 2.1 | 2.1 | 1.4 | 1.4 |
| 1961:1 ........... | 2,251.7 | 2,277.7 | 2,266.8 | 2.4 | . 5 | 23.48 | 22.96 | 23.45 | 23.46 | . 7 | . 6 |  |  |
| ॥............ | 2,292.0 | 2,301.1 | 2,306.3 | 7.4 | 4.2 | 23.51 | 22.97 | 23.51 | 23.52 | . 5 | 2 | 1.0 | 1.0 |
| III . ........... | 2,332.6 | 2,320.4 | $2,347.1$ | 7.3 | 3.4 | 23.55 | 23.01 | 23.56 | ${ }^{23.57}$ | 7 | . 7 | . 8 | . 8 |
| IV .......... | 2,381.0 | 2,372.8 | 2,395.9 | 8.6 | 9.3 | 23.61 | 23.06 | 23.63 | 23.64 | 1.1 | . 9 | 1.2 | 1.2 |
| 1962: $1 . . . . . . . . . . .$. | 2,422.6 | $2,400.3$ | 2,437.4 | 7.2 | 4.7 | 23.73 | 23.17 | 23.75 | 23.76 | 2.0 | 1.9 | 2.0 | 2.0 |
| ${ }^{1 /}$. | 2,448.0 | 2,440.7 | 2,464.4 | 4.3 | 6.9 | ${ }_{2386}^{23.80}$ | 23.24 | ${ }_{23,87}^{23.81}$ | ${ }^{23.81}$ | 1.1 | 1.4 | 1.0 | 1.0 |
| ${ }_{\text {III }}^{\text {IV........... }}$ | $2,471.9$ $2,476.7$ | $2,462.0$ $2,478.7$ | $2,488.4$ $2,495.9$ | 4.0 | 3.7 | 23.86 23.96 | 23.31 23.41 | 23.87 23,94 | 23.87 23.95 | 1.1 | 1.1 | 1.0 | 1.0 |
|  |  |  |  |  | 22 | 24.03 | 23.48 | 24.00 | 24.01 | 1.2 | 1.3 | 1.1 |  |
|  | 2,538.1 | $2,533.8$ | 2,555.5 | 4.8 | 6.8 | 24.07 | 23.53 | 24.07 | 24.08 | . 6 | . 8 | 1.1 |  |
| 111. | 2,586,3 | 2,578.0 | 2,604.0 | 7.8 | 7.2 | 24.11 | 23.58 | 24.12 | 24.13 | . 7 | . 9 | . 8 |  |
| \|V .......... | 2,604.6 | 2,605.3 | $2,622.9$ | 2.9 | 4.3 | 24.26 | 23.72 | 24.29 | 24.30 | 2.4 | 2.5 | 3.0 | 3.0 |
| 1964:1 ............ | 2,666.7 | 2,663.1 | 2,686.8 | 9.9 | 9.2 | 24.33 | 23.80 | 24.35 | 24.36 | 1.2 | 1.3 | 9 |  |
| I............ | 2,697.5 | 2,695.0 | 2.716 .8 | 4.7 | 4.9 | 24.41 | 23.89 | 24.41 | 24.42 | 1.3 | 1.5 | 9 | . 8 |
|  | 2,779.6 | $2,777.6$ 27345 | $2,749.5$ $2,758.1$ | 4.8 | 4.9 | 24.53 | 23.99 24.09 | 24.52 24.64 | ${ }_{24}^{24.53}$ | 1.9 | 1.8 <br> 1.6 | 1.8 <br> 2.1 <br> 1 | ${ }_{2}^{1.8}$ |
| IV ......... | 2,739.7 | 2,734.5 | 2,758.1 | 1.5 | 1.0 | 24.64 | 24.09 | 24.64 | 24.65 | 1.8 | 1.6 | 2.1 | 2.1 |
| 1965: $1 . . . . . . . . . . .$. | 2,808.9 | 2,777.2 | 2,830.0 | 10.5 | 6.4 | 24.76 | 24.19 | 24.77 | 24.78 | 2.0 | 1.6 | 2.0 | 2.0 |
| $1 \mathrm{I} . . . . . . . . . . .$. | $2,846.3$ | $2,826.7$ | $2,868.2$ | 5.4 | 7.3 | 24.88 | 24.31 | 24.88 | 24.89 | 2.0 | 2.0 | 1.9 | 1.9 |
| III ............ | 2,898.8 | 2,879.8 | 2,918.9 | 7.6 | 7.7 | 25.01 | 24.44 | 25.01 | 25.02 | 2.1 | 2.2 | 2.1 | 2.1 |
| IV .......... | 2,970.5 | 2,957.8 | 2,988.6 | 10.3 | 11.3 | 25.16 | 24.61 | 25.17 | 25.18 | 2.5 | 2.8 | 2.6 | 2.6 |
| 1966: I ............ | 3,042.4 | 3,008.8 | 3,061.1 | 10.0 | 7.1 | 25.30 | 24.73 | 25.32 | 25.34 | 2.2 | 1.9 | 2.5 | 2.5 |
|  | 3,055.5 | 3,023,1 | 3,074.2 | 1.7 | 1.9 | 25.50 | 24.93 | $\stackrel{25.53}{ }$ | 25.54 | 3.2 | 3.2 | 3.2 | 3.3 |
| \%1........... | $3,076.5$ | 3,047.2 | 3,094.7 | 2.8 | 3.2 | 25.82 | 25.22 | 25.79 | 25.81 | 5.1 | 4.8 | 4.2 | $4.2$ |
| N .......... | 3,102.4 | 3,054.8 | 3,121.4 | 3.4 | 1.0 | 26.03 | 25.41 | 26.02 | 26.03 | 3.4 | 3.1 | 3.5 | $3.5$ |
| 1967: $1 . . . . . . . . . . .$. | $3,127.2$ | 3,085.6 | $3,145.9$ | 3.2 | 4.1 | 26.16 | 25.52 | 26.14 | 26.15 | 2.0 | 1.6 | 1.9 |  |
| i\|I................ | $3,129.5$ $3,154.2$ | 3,119.0 | $3,147.7$ <br> $3,174.4$ | 3.2 | 4.4 2.0 | ${ }_{26.57}^{26.32}$ | 25.67 | ${ }_{26.60}^{26.31}$ | 26.32 26.61 | 3.5 | 2.5 3.9 | 2.5 | $\begin{aligned} & 2.5 \\ & 4.5 \end{aligned}$ |
| N .......... | 3,178.0 | 3,161.5 | 3,197.5 | 3.1 | 3.5 | 26.87 | 26.21 | 26.90 | 26.91 | 4.6 | 4.5 | 4.6 | $4.6$ |

Table C.1.-Historical Measures of Real Gross Domestic Product, Real Gross National Product, and Real Gross Domestic Purchases-Continued [Quarterly data are seasonally adjusted at annual rates]

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow[b]{3}{*}{Year and quarter} \& \multicolumn{3}{|l|}{Billions of Chained (1992) dollars} \& \multicolumn{2}{|l|}{\multirow[t]{2}{*}{Percent change from preceding period}} \& \multicolumn{2}{|l|}{Chain-ype price indexes} \& \multicolumn{2}{|l|}{Implicit price defflators} \& \multicolumn{4}{|c|}{Percent change from preceding period} \\
\hline \& \multirow[b]{2}{*}{Gross domestic product} \& \multirow[b]{2}{*}{Final sales of domestic product} \& \multirow[b]{2}{*}{Gross national product} \& \& \& \multirow[b]{2}{*}{Gross domestic product} \& \multirow[b]{2}{*}{Gross domestic purchases} \& \multirow[b]{2}{*}{Gross domestic
product product} \& \multirow[b]{2}{*}{Gross national product} \& \multicolumn{2}{|l|}{Chain-type price index} \& \multicolumn{2}{|l|}{Implicit price deffators} \\
\hline \& \& \& \& Gross domestic product \& \[
\begin{array}{|c|}
\hline \text { Final sales of } \\
\text { domestic } \\
\text { product }
\end{array}
\] \& \& \& \& \& Gross domestic product \& Gross domastic purchases \& Gross domestic product \& Gross national
product \\
\hline  \& \(3,236.2\)
3.23 .2
\(3,32.1\)
\(3,361.1\)
\(3,331.2\) \& \begin{tabular}{l}
\(3,225.3\) \\
\(3,258.0\) \\
\(3,303.9\) \\
\(3,325.1\) \\
\hline
\end{tabular} \& \(3,256.2\)
\(3,3,2.5\)
\(3,337.5\)
\(3,352.2\)
3 \& \[
\begin{aligned}
\& 7.5 \\
\& 7.1 \\
\& 3.0 \\
\& 1.8
\end{aligned}
\] \& 8.3
4.1
8.8
2.6 \& 27.19
27.50
27.75
28.12 \& 26.58
26.80
27.06
27.43 \& 27.29
27.49
27.75
28.12 \& 27.22
27.50
27.76
28.13 \& 4.8
4.5
3.7
5.5 \& \begin{tabular}{l}
4.9 \\
4.2 \\
4.0 \\
\hline .5
\end{tabular} \& 4.7
4.1
3.8
5.5 \& 4.8
4.1
3.1
5.5 \\
\hline  \& \(3,381.9\)
\(3,390.2\)
3,499
\(3,392.6\)
3 \&  \&  \& 6.2
1.0
2.0
-2.0 \& 4.0
1.9
2.0
-.1 \& 28.38
28.74
29.14
29.51 \& 27.66
28.02
28.40
28.77 \& 28.39
28.73
29.14
29.14
29.91 \& 28.40
28.75
29.16
29.52 \& 5.7
3.7
5.2
5.7
5.2 \& 3.5
3.3
5.3
5.2 \& \begin{tabular}{l}
3.8 \\
5.0 \\
5.8 \\
5.1 \\
\hline
\end{tabular} \& 3.9
5.0
5.8
5.1 \\
\hline  \& \begin{tabular}{l}
\(3,366.5\) \\
\(3,391.6\) \\
\(3,432.0\) \\
\(3,369.4\) \\
\\
\hline, 4614
\end{tabular} \& \(3,397.6\)
\(3,391.9\)
\(3,491.9\)
\(3,414.8\)
3,0 \& \begin{tabular}{l}
\(3,466.0\) \\
\(3,411.9\) \\
\(3,42.9\) \\
\(3,407.4\) \\
\hline
\end{tabular} \& -.7
.6
3.7
-3.9 \& \(\begin{array}{r}1.0 \\ \hline-7 \\ \hline .8 \\ \hline .8 \\ \hline\end{array}\) \& 29.92
30.36
30.60
31.02 \& 29.18
29.59
29.89
30.29
30 \& 29.94
3.96.
30.64
31.02
31.0 \& 29.95
30.37
30.63
31.03 \& \begin{tabular}{l}
5.7 \\
6.0 \\
3.2 \\
3.6 \\
\hline .6
\end{tabular} \& 5.9
5.9
5.8
3.8
5.7 \& 6.0
6.7
3.4
3.4
5.4 \& 6.0
5.7
3.4
5.4 \\
\hline  \& 3.481 .4
3.500 .9
3.5023
\(3,533.8\)
3 \& \begin{tabular}{l}
\(3,458.9\) \\
\(3,481.2\) \\
\(3,599.4\) \\
\(3,549.5\) \\
\hline
\end{tabular} \& \(3,503.3\)
\(3,5.34\)
\(3,544.3\)
\(3,556.0\)
3 \& 11.3
2.3
2.6
1.1 \& 5.3
2.6
3.3
4.7 \& \begin{tabular}{l}
31.50 \\
31.50 \\
31.93 \\
32.25 \\
32.53 \\
\hline
\end{tabular} \& 30.75
31.18
31.52
31.81
31.81 \& \begin{tabular}{l}
31.50 \\
31.50 \\
31.93 \\
32.7 \\
32.54 \\
\hline
\end{tabular} \& \begin{tabular}{l}
31.52 \\
31.94 \\
32.29 \\
32.56 \\
\hline
\end{tabular} \& 6.3
5.7
4.9
3.5 \& 6.2
5.7
5.7
4.7 \& \begin{tabular}{l}
6.4 \\
5.5 \\
4.4 \\
3.4 \\
\hline .3
\end{tabular} \& 6.4
5.4
4.4
3.3 \\
\hline 1972: 1 \& \begin{tabular}{l}
\(3,604.7\) \\
\(3,687.9\) \\
\(3,726.2\) \\
\(3,790.4\) \\
\\
\\
\hline, 892
\end{tabular} \& \begin{tabular}{l}
\(3,668.0\) \\
\(3,665.7\) \\
\(3,7700.0\) \\
\(3,784.3\) \\
\\
\hline
\end{tabular} \& \(3,627.9\)
\begin{tabular}{l}
\(3,710.7\) \\
\(3,51.2\) \\
\(3,815.3\) \\
\hline
\end{tabular}\(|\) \& 8.3
9.6
4.2
7.1 \& 6.8
6.5
3.8
9.4 \& 33.01
33.23
33.50
33.93 \&  \& \begin{tabular}{l}
33.02 \\
33.20 \\
33.4 \\
33.95 \\
\hline
\end{tabular} \& 33.03
33.02
33.22
33.51
33.97 \& \begin{tabular}{l}
6.0 \\
2.6 \\
3.6 \\
5.2 \\
\hline
\end{tabular} \& 6.0
3.1
3.6
5.1 \&  \&  \\
\hline  \& \(3,892.2\)
\(3,9.9\)
\(3,997.0\)
\(3,947.1\)
3, \& \begin{tabular}{l}
\(3,867.0\) \\
\(3,884.5\) \\
\(3,680.9\) \\
\(3,893.1\) \\
\hline
\end{tabular} \& \begin{tabular}{l}
\(3,921.5\) \\
\(3,950.4\) \\
\(3,944.1\) \\
\(3,984.4\) \\
\hline
\end{tabular} \& 11.2
2.8
-1.2
4.2
4.2 \& \begin{tabular}{r}
9.0 \\
\hline 1.8 \\
.7 \\
.8
\end{tabular} \& 34.38
34.36
35.63
36.24 \& \begin{tabular}{l}
33.69 \\
34.33 \\
34.95 \\
35.60 \\
\hline
\end{tabular} \& 34.36
34.94
35.61
36.29 \& 34.38
34.96
35.63
36.31 \& 5.5
6.9
7.8
7.0 \& 5.6
7.8
7.5
7.6 \& 5.0
6.9
7.9
7.8 \& 5.0
6.9
7.9
7.8 \\
\hline  \& \begin{tabular}{l}
\(3,908.1\) \\
\(3,922.6\) \\
3,880 \\
\(3,854.1\) \\
\hline
\end{tabular} \& \begin{tabular}{l}
\(3,889.1\) \\
\(3,899.7\) \\
\(3,882.5\) \\
\(3,822.2\) \\
\hline
\end{tabular} \&  \& \begin{tabular}{r}
-3.9 \\
\hline 1.5 \\
-4.3 \\
-2.6
\end{tabular} \& -.4
1.1
-1.8
-6.1 \& 36.98
37.79
38.93
40.14 \& \begin{tabular}{l}
36.55 \\
37.59 \\
38.74 \\
39.84 \\
\hline
\end{tabular} \& 37.01
37.79
38.90
40.13 \& \begin{tabular}{l}
37.08 \\
37.81 \\
38.91 \\
40.15 \\
\hline
\end{tabular} \& 8.4
9.0
12.7
13.0 \& 11.1
11.9
12.5
12.2 \& \(\begin{array}{r}8.2 \\ 8.7 \\ 12.9 \\ 12.6 \\ \hline\end{array}\) \& 8.2
8.7
82.9
12.5 \\
\hline  \&  \& \begin{tabular}{l}
\(3,848.3\) \\
\(3,8887.9\) \\
\(3,922.7\) \\
\(3,966.7\) \\
\\
\hline 1807
\end{tabular} \& \(3,887.3\)
\(3,861.8\)
\(3,3966.1\)
\(3,987.9\) \& \(\begin{array}{r}-5.4 \\ -9.7 \\ 7.7 \\ \hline 4.7 \\ \hline 9\end{array}\) \& 2.8
4.2
3.6
4.6 \& 41.04
41.67
42.44
4321 \& 40.69
41.34
42.54
42.79
42.79 \& 41.05
41.66
42.41
43.19 \& 41.07
41.68
42.44
43.22 \& \begin{tabular}{l}
9.2 \\
\hline 6.3 \\
7.6 \\
7.4
\end{tabular} \& 8.8
6.5
7.0
7.2 \& \begin{tabular}{l}
9.5 \\
6.1 \\
7.4 \\
7.6 \\
\hline
\end{tabular} \& 9.5
6.1
7.4
7.6 \\
\hline  \& \begin{tabular}{l} 
4,044.6. \\
4.072 .2 \\
\(4,088.5\) \\
4.126 .4 \\
\hline
\end{tabular} \& \begin{tabular}{l}
\(4,007.0\) \\
\(4,039.1\) \\
\(4,061.7\) \\
\(4,119.0\) \\
\\
\hline
\end{tabular} \& \begin{tabular}{l}
\(4,078.8\) \\
\(4,107.9\) \\
\(4,124.8\) \\
\(4,163.7\) \\
\hline
\end{tabular} \& \begin{tabular}{l}
9.7 \\
2.8 \\
1.6 \\
3.8 \\
\hline
\end{tabular} \& \begin{tabular}{l}
6.2 \\
1.2 \\
2.3 \\
5.8 \\
\hline .8
\end{tabular} \& 43.68
44.17
44.78
44.56 \& 43.26
4.366
44.42
45.16 \& 43.69
44.15
44.77
45.57 \& 43.72
44.18
44.80
45.60 \& 4.4
4.6
5.7
7.2 \& 4.5
4.7
6.1
6.9 \& 4.7
4.2
5.7
7.3 \& 4.7
4.7
5.7
7.3 \\
\hline  \& \begin{tabular}{l}
\(4,766.3\) \\
\(4,260.1\) \\
\(4,399.5\) \\
\(4,328.3\) \\
\hline
\end{tabular} \& \(4,161.4\)
\(4,228.4\)
\(4,270.0\)
\(4,303.3\)

4 \& 4,219.4
$4,302.2$
$4,371.2$
$4,365.0$
4 \& 4.9
8.3
8.7
-.9 \& 4.2
6.6
4.0
3.2 \& 46.31
47.08
47.74
48.55 \& 45.99
46.81
47.55
48.56 \& 46.32
47.07
47.66
48.63 \& 46.34
47.10
47.69
48.66 \& 6.7
6.8
6.7
7.0 \& 7.6
7.3
7.4

7.1 \& | 6.8 |
| :--- |
| 6.6 |
| 6.6 |
| 5.1 |
| 8.4 |
|  |
| .8 | \& 6.7

6.7
6.1
8.4 <br>
\hline  \& $4,345.5$
$4,510.7$
$4,52.1$
$4,603.7$

4 \& | $4,306.0$ |
| :--- |
| $4,744.6$ |
| $4,51.6$ |
| $4,565.4$ | \& $4,388.6$

$4,546.1$
$4,591.1$
$4,649.0$ \& $\begin{array}{r}1.6 \\ 16.1 \\ \text { +6, } \\ 3.7 \\ 4.6 \\ \\ \hline\end{array}$ \& 16.3
16.6
3.4
4.9 \& 49.39
50.43
51.32

52.37 \& \begin{tabular}{l}
49.19 <br>
50.12 <br>
51.11 <br>
52.08 <br>
\hline

 \& 

49.42 <br>
50.4 <br>
51.27 <br>
52.35 <br>
\hline
\end{tabular} \& 49.45

50.44
51.30
52.39 \& 7.1
8.6
7.3
8.4 \& 7.0
8.6
7.3
7.9 \& 6.7
8.2
7.0
8.7 \& 6.7
8.7
7.1
8.7 <br>
\hline  \& $4,665.7$
$4,665.6$
$4,644.9$

$4,656.2$ \& | $4,579.0$ |
| :--- |
| $4,777.0$ |
| $4,639.2$ |
| $4,662.5$ | \& | $4,652.6$ |
| :--- |
| 4.668 .7 |
| $4,788.8$ |
| $4,719.5$ | \& $\begin{array}{r}.2 \\ .9 \\ .9 \\ 1.0 \\ \hline 1.0\end{array}$ \& | 1.2 |
| :--- |
| -.2 |
| 5.5 |
| 2.0 | \& 53.46

54.70
55.72
56.92 \& 53.21
54.52
56.98
57.25
5 \& 53.51
54.65
56.82
56.92 \& 53.54
54.68
55.85
56.95 \& 8.6
9.6
8.6
8.1
8.1 \& 9.0
10.2
10.4
10.4

10.2 \& | 9.1 |
| :--- |
| 8.8 |
| 8.9 |
| 8.1 |
| 8 | \& 9.1

8.8
8.9
8.1 <br>
\hline  \& $4,679.0$
$4,566.6$
$4,562.3$
$4,651.9$ \& $4,675.3$
$4,79.0$
$4,667.1$

$4,676.1$ \& | $4,743.0$ |
| :--- |
| $4,665.6$ |
| 4,6678 |
| $4,696.6$ | \& 2.0

-9.3
-4
8.1 \& $\begin{array}{r}1.1 \\ -8.0 \\ 5.2 \\ 3.4 \\ \hline 1\end{array}$ \& 58.25
59.59
60.93
62.57 \& 58.89
6.41
61.77
63.33 \& 58.18
59.58
61.01
62.59 \& 58.22
59.58
61.05
62.64 \& 9.7
9.7
9.3
+1.2 \& $\begin{array}{r}12.0 \\ 10.7 \\ 9.3 \\ 10.5 \\ \\ \hline\end{array}$ \& $\begin{array}{r}9.2 \\ 9.7 \\ 10.2 \\ 10.8 \\ \hline\end{array}$ \& 9.2
9.7
90.2
10.8 <br>
\hline  \& $4,739.2$
$4,996.8$
$4,753.0$
$4,693.8$

4 \& | $4,692.9$ |
| :--- |
| $4,699.0$ |
| $4,772.5$ |
| $4,672.0$ | \& $4,787.7$

$4,742.6$
4.801 .4
$4,747.9$ \& 7.7
-3.5
4.9
-4.9 \& $\begin{array}{r}1.4 \\ .5 \\ -3 \\ -2.6 \\ \hline\end{array}$ \& 64.19
65.35
66.65
67.85 \& 64.96
66.15
67.27
68.48 \& 64.15
6.537
66.365
67.87 \& 64.20
65.42
66.69
67.91 \& $\begin{array}{r}10.7 \\ \hline 7.4 \\ 8.2 \\ 7.4 \\ \hline\end{array}$ \& 0.7
7.5
7.0
7.3 \& 10.3
7.8
8.0
7.5 \& 10.4
7.8
8.0
7.5 <br>
\hline  \& $4,615.9$
$4,634.9$
$4,6612.1$
$4,618.3$ \& $4,655.4$
$4,651.2$
$4,6616.9$
$4,681.3$
4 \& $4,658.5$
$4,682.9$
$4,661.1$
$4,655.6$
4 \& -6.5
1.7
-2.0
.5 \& $\begin{array}{r}-1.4 \\ -.4 \\ -2.9 \\ 5.7 \\ \hline\end{array}$ \& 68.85
69.71
70.69

71.46 \& | 69.42 |
| :--- |
| 70.17 |
| 71.10 |
| 71.85 | \& 68.86

6.962
70.66
71.44 \& 68.91
69.77
70.70

71.47 \& | 6.0 |
| :--- |
| 5.0 |
| 5.7 |
| 4.5 |
| 8 | \& 5.6

4.4
54.4

4.3 \& | 6.0 |
| :--- |
| 5.1 |
| 5.5 |
| 4.4 | \& 6.0

5.1
5.5
4.4 <br>
\hline 1988: 1 \& $4,663.0$
$4,763.6$
$4,849.0$

$4,939.2$ \& | $4,719.4$ |
| :--- |
| $4,78.4$ |
| $4,860.3$ |
| $4,919.5$ | \& | $4,700.1$ |
| :--- |
| $4,804.4$ |
| $4,91.3$ |
| $4,983.5$ | \& 3.9

8.9
7.4
7.7 \& 3.3
3.7
56.7
6.9
4.9 \& 72.12
72.12
72.84
73.50
74.19 \& 72.33
73.33
73.03
74.64
74.24 \& 72.08
72.88
7.83
74.48
74.19 \& 72.12
72.12
72.87
79.52

74.24 \& \begin{tabular}{l}
3.7 <br>
3.1 <br>
3.7 <br>
3.8 <br>
\hline

 \& 

2.7 <br>
3.9 <br>
3.4 <br>
3.2 <br>
\hline
\end{tabular} \& 3.7

4.2
4.7
3.7
3.9 \& 3.7
4.7
3.7
3.9 <br>

\hline  \& | 5,053 |
| :--- |
| $5,13.6$ |
| $5,132.9$ |
| 5,703 |
| $5,203.7$ |
|  | \& | 4,961.0 |
| :--- |
| S,0,0.0 |
| $5,0056.6$ |
| $5,149.9$ | \& | $5,092.6$ |
| :--- |
| $5,172.4$ |
| $5,299.6$ |
| $5,237.5$ |
|  | \& 9.6

6.4
3.0

2.6 \& | 3.4 |
| :--- |
| 7.4 |
| 2.4 |
| 2.2 | \& 75.00

75.62
76.65
76.82
77 \& 75.04
75.65
76.19
76.71 \& 75.02
75.58
76.55
76.81 \& 75.06
75.63
76.29
76.85

78.6 \& | 4.4 |
| :--- |
| 3.3 |
| 3.4 |
| 3.0 |
|  |
|  | \& 4.4

4.3
3.3
2.9
2.7 \& 4.5
3.1
3.5
3.0 \& 4.5
$\begin{aligned} & 3.1 \\ & 3.6 \\ & 3.9\end{aligned}{ }^{\text {a }}$ ( <br>

\hline  \& | 5,277 |
| :--- |
| 5,283 |
| $5,3,7$ |
| 5,399 |
| $5,393.6$ | \& | $5,231.7$ |
| :--- |
| $5,261.0$ |
| $5,3636.9$ |
| $5,358.0$ | \& | $5,280.3$ |
| :--- |
| $5,310.8$ |
| $5,3,78.4$ |
| $5,417.5$ | \& | 4.2 |
| :--- |
| 2.0 |
| 5.9 |
| 2.6 | \& 6.5

2.3
5.9
1.6 \& 77.64
78.25
78.80
79.44 \& 77.38
78.88
78.58
78.37

79.3 \& | 77.63 |
| :--- |
| 77.63 |
| 78.76 |
| 79.45 |
| 7.8 | \& 77.67

78.29
78.80
79.49 \& 4.3
3.2
2.8
3.3 \& 3.6
3.3
3.9
4.1 \& 4.4
3.3
2.6
3.5 \& 4.3
3.2
3.6
.6 <br>

\hline  \& | $5,460.8$ |
| :--- |
| $5,466.9$ |
| $5,466.3$ |
| $5,526.8$ | \&  \&  \& 5.1

.4
.4 .2
2.2 \& 4.0
.8
.8 .8
5.2
2.1 \& 79.81
80.26
80.81

81.44 \& $$
\begin{aligned}
& 79.77 \\
& 79.97 \\
& 80.60 \\
& 81.25
\end{aligned}
$$ \& \[

$$
\begin{aligned}
& 79.81 \\
& 80.22 \\
& 80.84 \\
& 81,45
\end{aligned}
$$
\] \& 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

3.1 \& 1.8
2.1
3.1
3.0 <br>

\hline  \& | $5,561.8$ |
| :--- |
| $5,618.8$ |
| 5.667 .4 |
| $5,750.6$ | \& | $5,535.8$ |
| :--- |
| $5,668.4$ |
| 5.61 .5 |
| $5,6888.3$ | \& | $5,568.7$ |
| :--- |
| $\begin{array}{l}\text { S,628.7 } \\ 5.666 .0 \\ 5.759 .6\end{array}$ | \& \[

$$
\begin{aligned}
& 2.6 \\
& 4.1 \\
& 3.6 \\
& 6.0
\end{aligned}
$$

\] \& | -8.8 |
| :--- |
| 5.4 |
| 4.6 |
| 1.2 | \& \[

$$
\begin{aligned}
& 82.11 \\
& 82.68 \\
& 83.35 \\
& 84.08
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& 82.07 \\
& 82.74 \\
& 83.44 \\
& 84.19
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& 82.09 \\
& 82.68 \\
& 83.33 \\
& 84.09
\end{aligned}
$$
\] \& 82.12

82.71
83.36

84.12 \& | 3.3 |
| :--- |
| 2.8 |
| 3.3 |
| 3.6 |
|  | \& 4.1

3.3
3.4

3.6 \& | 3.2 |
| :--- |
| 3.9 |
| 3.9 |
| 3.7 |
| 3.7 | \& 3.2

3.9
3.9
3.7 <br>
\hline  \& $5,788.3$
$5,844.0$
$5,878.7$

$5,952.8$ \& \[
$$
\begin{aligned}
& 5,774.2 \\
& 5.80 .1 \\
& 5,869.2 \\
& 5,937.0
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& 5,802.3 \\
& 5,875 \\
& 5,889.5 \\
& 5,964.9
\end{aligned}
$$
\] \& 2.4

4.1
2.4
5.1 \& 6.2
4.6
.0

4.7 \& $$
\begin{aligned}
& 84.69 \\
& 85.56 \\
& 86.67 \\
& 87.46
\end{aligned}
$$ \& \[

$$
\begin{aligned}
& 84.81 \\
& 85.68 \\
& 86.58 \\
& 87.44
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& 84.67 \\
& 85.56 \\
& 866.66 \\
& 87.44
\end{aligned}
$$
\] \& 84.69

85.59
86.69
87.47 \& 2.9
4.9
5.3
3.7 \& 3.0
4.2
4.3
4.0 \& 2.7
4.3
5.2
3.7 \& 2.8
4.3
5.3
3.7 <br>
\hline
\end{tabular}

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]

| $\begin{aligned} & \text { Year and and } \\ & \text { quanter } \end{aligned}$ | Billions of chained (1992) Jollars |  |  | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Percent change fom preceding } \\ \text { period } \end{array} \\ \hline \end{array}$ |  | Chain-lype piciee indexes |  | Implicit pice deflators |  | Percent change from preceding period |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Gross domesticproduct | Final sales ofof omssicproduct | Gross national product |  |  | Gross domesticprocuct | Gross domestic purchases | Gross domestic | Gross national product | Chaintype price index |  | Impicict pice defatars |  |
|  |  |  |  | Gross domestic product | $\left\lvert\, \begin{gathered} \text { Final sales of } \\ \text { domestic } \\ \text { prootuct } \end{gathered}\right.$ |  |  |  |  | $\begin{gathered} \text { Gross domestic } \\ \text { product } \end{gathered}$ | Gross domestic purchases | $\begin{aligned} & \text { Gross domestic } \\ & \text { product } \end{aligned}$ | $\begin{gathered} \text { Gross national } \\ \text { prodict } \end{gathered}$ |
| 1989:1 1 ......... | 6,011.0 | 5,970.0 | 6,023.1 | 4.0 | 2.2 | 88.44 | 88.47 | 88.45 | ${ }^{88.48}$ | 4.5 | 4.8 | 4.7 |  |
| \# | 6,05.6 | 6.010 .9 | ${ }^{0} 0.065 .5$ | 3.0 | ${ }_{2}^{2.8}$ | 89.40 |  | ${ }^{89} 939$ | ${ }_{89.42}^{88.46}$ | 4.4 | 4.8 | 4.3 | 4.3 |
| IIV.... | 6, $6,093.5$ | 6, ${ }_{6,700.9}^{6,0.1}$ | (6,101.8 ${ }_{6}^{6,123}$ | $\stackrel{2.2}{.4}$ | 3.5 .5 | ${ }_{90.91}^{90.13}$ | ${ }_{9}^{90.148}$ | ${ }_{90.88}^{990.13}$ | ${ }_{90.91}^{90.16}$ | 3.5 | ${ }_{3.8}^{2.8}$ | 3.3 <br> 3.4 | ${ }_{3.4}^{3.3}$ |
| 1990:1......... | 6,152.6 | 6,144.6 | 6,172.8 | 3.9 | 5.0 | 92.01 |  | 92.00 |  | 4.9 | 5.4 | 5.0 |  |
| II | 6,771.6 | 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 |
| $\cdots$ | 6,142.1 | 6, ${ }_{6}^{6,1108.6}$ | 6, $6,155.7$ | -1.9 | -i.2 | ${ }^{946.19}$ | -94.32 | ${ }_{9}^{94.14}$ | 94.17 95.13 | 4.1 | 5.2 5.9 | ${ }_{4}^{4.2}$ | ${ }_{4}^{4.2}$ |
| 1991:1........... | 6,047.5 | 6,065.4 | 6,074.3 | -2.1 | -2.8 | 96.26 |  | 96.27 | 96.29 | 4.8 | 3.1 |  |  |
| $1{ }^{1 /-1 \times}$ | $6,674.7$ | 6,00559 | 6.0066 .4 | ${ }^{8}$ | 2.0 | ${ }_{97} 97.02$ | 96.95 | 97.00 | 9771 | 3.2 | 2.2 2.2 2.6 | 3.1 | 3.1 |
| $\cdots$ | 6, $6,105.3$ | ${ }_{6,083,8}^{6}$ | 6, $6,0999.5$ | 1.0 | -7 | ${ }_{98,30}^{97,70}$ | ${ }_{98.27}^{9758}$ | ${ }_{96.31}^{97.70}$ | ${ }_{98.32}^{97.71}$ | 2.5 <br> 2.8 | 2.6 2.9 | 2.9 2.5 | ${ }_{2.5}^{2.9}$ |
|  | 6,175.7 | 6,175.8 |  |  |  |  |  |  |  | 3.4 |  |  |  |
|  | (6,12.4.2 |  | \% 6 | 3.5 | lin | 990.81 | 99976 | 99.79 | ${ }^{99979}$ | 2.8 | 2.9 | 3.4 |  |
| $\cdots$ | 6, ${ }_{6}^{6327.1}$ | 6, ${ }_{6}^{6,239.5}$ | 6, ${ }_{6}^{634.6}$ | 4.3 | 4.6 | ${ }_{100.88}^{100.7}$ | -100.92 | ${ }_{100.88}^{100.18}$ | ${ }_{100088}^{100.78}$ | ${ }_{2.8}^{1.4}$ | ${ }_{2.6}^{2.6}$ | ${ }_{2.5}^{2.5}$ | ${ }_{2}^{1.9}$ |
| 1993:1.......... |  |  | 6.351 .3 |  |  |  |  |  |  | 3.9 |  |  |  |
|  | 6, 6.359 .9 | (6, 6.34 .9 |  | 2.0 | 3.1 2.2 | 102.38 <br> 10283 <br> 108 | 102.28 | ${ }^{102035}$ | 102343 | 2.1 | 2.3 | 2.0 |  |
| ${ }_{\mathrm{N} \times 1}^{11}$ | 6, $6,378.5$ | 6, $6,345.3 .3$ | 6, $6,489.75$ | 2.1 5.3 | ${ }_{4}^{2.8}$ | -109.52 | (103.28 | ${ }_{1020.51}^{102.83}$ | (103.50 | 2.7 | 1.4 <br> 2.5 | ${ }_{2.7}{ }^{1.9}$ | 2.6 |
| 1994:1 | 6,524.5 |  | $6,540.5$ | 3.0 | 1.2 | 104.16 | 103.30 | 104.13 | 104.14 | 2.5 |  |  |  |
| II......... | ${ }_{6}^{6,600.3}$ | (6,556.7 |  | 4.7 | ${ }_{3}^{3.4}$ | +104.74 | (104.46 | 104.75 10539 | (104.71 | ${ }_{2.5}^{2.2}$ | ${ }^{2.6}$ | 2.2 2.2 2. | ${ }_{26}^{2.2}$ |
| $\cdots$ | 6,688.6 | ¢, ${ }_{6,5624.8}^{6,58}$ | 6,699.2 | ${ }_{3.6}^{1.8}$ | ${ }_{2.7}^{3.3}$ | ${ }_{106.07}^{100.39}$ | 105.28 | 10609 | ${ }^{1060.06}$ | ${ }_{2.6}^{2.5}$ | ${ }_{2.5}$ | 2.7 |  |
| 1995:1..... | $6,703.7$ |  |  |  |  | 106.93 | 106.66 | 106.94 | 106.91 | 3.3 | 3.0 |  |  |
|  | (6,709.8 | -6,685.3 ${ }_{6}^{6,733}$ | 6, $6,7721.0$ | 303 | 1.9 33 | +107.49 | 10733 | 107.46 | 107.43 | 2.1 2.0 | 2.5 1.7 | 2.0 | 2. |
| ${ }_{1}^{11} \times \cdots$ | 6,790.5 | 6,71.9 | 6,604.2 | 2.2 | 2.0 | ${ }^{1009.60}$ | 108.29 | 100.61 | 108.59 | 2.1 | 1.9 | 2.2 | 2.2 |
| 1996:1 | 6,826.4 |  | 6,834.7 | 1.8 |  |  | 109.01 | 109.39 | 109.37 | 2.8 | 2.7 | 2.9 |  |
| "1...n* | 6,9926.0 | ¢6,923, | $6,6930.1$ | 6.0 | 5.2 | 109.86 | 1109.50 | 109.84 | +199.82 | 1.9 <br> 7 <br> 17 | 1.8 2.8 | 1.7 .26 | ${ }_{2}^{1.6}$ |
| 1 V ....... | 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 |
| 1997:1........... | 7,101.6 | 7,094,1 | 7,091.8 |  | 3.0 | 111.78 | 111.32 | 111.71 | ${ }^{111.67}$ | 2.4 | 1.9 |  |  |
|  | ${ }_{7}^{7,1,29.6}$ | $7,077.7$ $7,64.0$ | 7,144.4 | ${ }_{3.5}^{3.3}$ | 2.5 5.0 | (112.27 | ${ }^{1111.59}$ | 112.22 112.60 | 112.17 | 1.8 1.4 | 1.8 | 1.8 <br> 1.4 | 1.8 |

Table C.2.-Real Gross Domestic Product
[Average annual percent change, based on chained (1992) dollar estimates]

| Terminal year | Initial year |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 |
| 1996 ............. | 2.8 | 2.8 | 2.6 | 2.5 | 2.7 | 2.8 | 2.7 | 2.6 | 2.4 | 2.4 | 2.6 | 2.6 | 2.9 | 2.9 | 2.5 | 2.4 | 2.4 | 2.3 | 2.1 | 1.9 | 2.0 | 2.6 | 2.6 | 2.7 | 2.4 | 2.8 |
| 1995 ............ | 2.8 | 2.8 | 2.6 | 2.5 | 2.7 | 2.8 | 2.7 | 2.6 | 2.4 | 2.4 | 2.6 | 2.6 | 2.9 | 2.9 | 2.5 | 2.4 | 2.3 | 2.2 | 2.0 | 1.8 | 1.9 | 2.6 | 2.6 | 2.7 | 2.0 |  |
| 1994 ............. | 2.8 | 2.8 | 2.7 | 2.5 | 2.7 | 2.9 | 2.7 | 2.6 | 2.4 | 2.4 | 2.6 | 2.6 | 3.0 | 2.9 | 2.5 | 2.4 | 2.4 | 2.3 | 2.0 | 1.7 | 1.9 | 2.8 | 2.9 | 3.5 |  |  |
| $1993 . . . . . . . . . . .$. | 2.8 | 2.8 | 2.6 | 2.5 | 2.6 | 2.8 | 2.7 | 2.5 | 2.4 | 2.3 | 2.5 | 2.6 | 3.0 | 2.9 | 2.4 | 2.3 | 2.2 | 2.1 | 1.7 | 1.3 | 1.4 | 2.5 | 2.3 |  |  |  |
| 1992 ............" | 2.8 | 2.8 | 2.6 | 2.5 | 2.7 | 2.8 | 2.7 | 2.6 | 2.4 | 2.3 | 2.6 | 2.6 | 3.1 | 3.0 | 2.5 | 2.3 | 2.2 | 2.0 | 1.6 | 1.0 | . 9 | 2.7 |  |  |  |  |
| 1991 ............. | 2.8 | 2.8 | 2.6 | 2.5 | 2.7 | 2.9 | 2.7 | 2.5 | 2.3 | 2.3 | 2.5 | 2.6 | 3.1 | 3.0 | 2.4 | 2.2 | 2.1 | 1.9 | 1.2 | . 1 | -. 9 |  |  |  |  |  |
| 1990 ............. | 3.0 | 3.0 | 2.8 | 2.7 | 2.9 | 3.1 | 3.0 | 2.8 | 2.6 | 2.6 | 2.9 | 3.0 | 3.6 | 3.6 | 3.0 | 2.9 | 2.8 | 2.8 | 2.3 | 1.2 |  |  |  |  |  |  |
| ${ }^{1989}$............ | 3.1 | 3.1 | 2.9 | 2.8 | 3.0 | 3.3 | 3.1 | 3.0 | 2.7 | 2.7 | 3.1 | 3.2 | 4.0 | 4.0 | 3.4 | 3.3 | 3.4 | 3.6 | 3.4 |  |  |  |  |  |  |  |
| 1988 ............. | 3.1 | 3.1 | 2.9 | 2.7 | 3.0 | 3.2 | 3.1 | 2.9 | 2.7 | 2.7 | 3.0 | 3.1 | 4.1 | 4.1 | 3.4 | 3.3 | 3.4 | 3.8 |  |  |  |  |  |  |  |  |
| 1987 .............. | 3.0 | 3.0 | 2.9 | 2.7 | 2.9 | 3.2 | 3.0 | 2.8 | 2.6 | 2.5 | 2.9 | 3.0 | 4.1 | 4.1 | 3.2 | 3.0 | 2.9 |  |  |  |  |  |  |  |  |  |
| 1986 ............. | 3.0 | 3.0 | 2.9 | 2.6 | 2.9 | 3.2 | 3.0 | 2.8 | 2.5 | 2.5 | 2.9 | 3.1 | 4.4 | 4.5 | 3.3 | 3.1 |  |  |  |  |  |  |  |  |  |  |
| 1985 ............ | 3.0 | 3.0 | 2.8 | 2.6 | 2.9 | 3.2 | 3.0 | 2.8 | 2.4 | 2.4 | 2.9 | 3.0 | 4.8 | 5.3 | 3.6 |  |  |  |  |  |  |  |  |  |  |  |
| 1984 ............. | 3.0 | 3.0 | 2.8 | 2.5 | 2.8 | 3.2 | 2.9 | 2.7 | 2.2 | 2.1 | 2.7 | 2.9 | 5.5 | 7.0 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1983 ............ | 2.7 | 2.6 | 2.4 | 2.1 | 2.4 | $\begin{array}{r}2.7 \\ \hline 2\end{array}$ | 2.3 | 2.0 | 1.3 | . 9 | 1.3 | - 2.9 | 4.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{1981}^{1982 . . . . . . . . . . . . . . . . . . ~}$ | 2.6 3.0 | 2.5 3.0 | 2.2 2.7 | 1.9 2.4 | 2.8 | 2.5 3.3 | 2.1 <br> 2.9 | 1.6 2.5 | . 1.6 | 7 | 2.15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1980 ............. | 3.1 | 3.1 | 2.8 | 2.4 | 2.9 | 3.6 | 3.1 | 2.6 | 1.2 | -. 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1979 ............ | 3.5 | 3.5 | 3.2 | 2.8 | 3.5 | 4.6 | 4.3 | 4.1 | 2.8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1977 ................. | 3.3 | 3.3 | 2.9 | 2.2 | 3.2 | 5.0 | 4.7 | 5.4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1976 ............ | 3.1 | 3.1 | 2.5 | 1.4 | 2.4 | 5.4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1975 ............. | 2.7 | 2.5 | 1.5 | -. 5 | -. 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1974 ............. | 3.4 | 3.5 | 2.5 | -. 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 4.8 | 5.6 | 5.8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1971 ............ | 3.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Table C.3.-Chain-Type Price Index for Gross Domestic Product [Average annual percent change]

| Terminal year | Initial year |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 |
| 1996 ............. | 5.1 | 5.1 | 5.1 | 5.1 | 4.9 | 4.7 | 4.6 | 4.5 | 4.4 | 4.1 | ${ }^{3.8}$ | 3.5 | 3.3 | 3.2 | 3.2 | 3.1 | 3.2 | 3.2 | 3.1 | 3.0 | 2.8 | 2.5 | 2.5 | 2.4 | 2.4 | 2.3 |
| 1995 ................. | 5.2 | 5.2 | 5.2 | 5.2 | 5.0 | 4.8 | 4.8 | 4.7 | 4.5 | 4.3 | 3.9 | 3.6 | 3.4 | 3.3 | 3.2 | 3.2 | 3.3 | 3.3 | 3.3 | 3.1 |  | 2.6 | 2.5 | 2.5 | 2.5 |  |
| $1994 . . . .{ }^{\text {anc...... }}$ | 5.3 | 5.3 | 5.3 | 5.3 | 5.2 | 4.9 | 4.9 | 4.8 | 4.6 | 4.4 | 4.0 | 3.6 | 3.4 | 3.3 | 3.3 | 3.3 | 3.4 | 3.4 | 3.4 | 3.2 | 2.9 | 2.6 | 2.5 | 2.4 |  |  |
| 1993 ................ | 5.4 | 5.4 | 5.5 | 5.5 | 5.3 | 5.1 | 5.0 | 4.9 | 4.8 | 4.5 | 4.2 | 3.7 | 3.5 | 3.4 | 3.4 | 3.4 | 3.5 | 3.6 | 3.6 | 3.4 | 3.1 | 2.7 | 2.6 |  |  |  |
| 1992 ............. | 5.5 | 5.6 | 5.6 | 5.6 | 5.5 | 5.2 | 5.2 | 5.1 | 4.9 | 4.7 | 4.3 | 3.8 | 3.6 | 3.5 | 3.5 | 3.5 | 3.7 | 3.8 | 3.8 | 3.7 | 3.3 | 2.8 |  |  |  |  |
| $1991 . . . . . . . . . . . .$. | 5.7 | 5.7 | 5.8 | 5.8 | 5.6 | 5.4 | 5.3 | 5.3 | 5.1 | 4.8 | 4.4 | 4.0 | 3.7 | 3.6 | 3.6 | 3.6 | 3.8 | 4.0 | 4.2 | 4.1 | 3.9 |  |  |  |  |  |
| 1990 ............. | 5.8 | 5.8 | 5.9 | 5.9 | 5.7 | 5.5 | 5.4 | 5.4 | 5.2 | 4.9 | 4.5 | 4.0 | 3.7 | 3.6 | 3.6 | 3.6 | 3.8 | 4.1 | 4.3 | 4.4 |  |  |  |  |  |  |
| 1989 ............. | 5.8 | 5.9 | 6.0 | 6.0 | 5.8 | 5.6 | 5.5 | 5.5 | 5.3 | 5.0 | 4.5 | 3.9 | 3.6 | 3.5 | 3.4 | 3.4 | 3.6 | 3.9 | 4.2 |  |  |  |  |  |  |  |
| 1988 ............ | 5.9 | 6.0 | 6.1 | 6.1 | 5.9 | 5.7 | 5.6 | 5.6 | 5.4 | 5.1 | 4.5 | 3.9 | 3.5 | 3.3 | 3.2 | 3.1 | 3.4 | 3.7 |  |  |  |  |  |  |  |  |
| 1987 ............ | 6.1 | 6.1 | 6.3 | 6.3 | 6.1 | 5.8 | 5.8 | 5.8 | 5.6 | 5.2 | 4.7 | 3.9 | 3.4 | 3.2 | 3.0 | 2.8 | 3.1 |  |  |  |  |  |  |  |  |  |
| 1986 ............. | 6.3 | 6.3 | 6.5 | 6.6 | 6.4 | 6.1 | 6.1 | 6.1 | 5.9 | 5.5 | 4.9 | 4.1 | 3.5 | 3.3 | 3.0 | 2.6 |  |  |  |  |  |  |  |  |  |  |
| 1985 ............. | 6.5 | 6.6 | 6.8 | 6.9 | 6.7 | 6.4 | 6.5 | 6.5 | 6.4 | 6.0 | 5.4 | 4.4 | 3.8 | 3.6 | 3.4 |  |  |  |  |  |  |  |  |  |  |  |
| $1984 . . . . . . . . . . .$. | 6.7 | 6.9 | 7.1 | 7.2 | 7.0 | 6.8 | ${ }_{7} 6.9$ | 7.0 | 6.9 | 6.6 | 5.9 | 4.8 | 4.0 | 3.8 |  |  |  |  |  |  |  |  |  |  |  |  |
| $1983 . . . . . . . . . . .$. | 7.0 | 7.1 | 7.4 | 7.6 | 7.4 | 7.2 | 7.3 | 7.5 | 7.5 | 7.3 | ${ }^{6.6}$ | 5.3 | 4.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{1}^{1982}$....................... | 7.2 | 7.4 | 7.7 | 87.9 | 7.8 8.0 | 7.6 7.8 | 7.9 8.2 | 8.2 8.6 | 8.4 9.1 | 8.3 9.3 | 7.8 9.4 | 6.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1980 ................. | 7.1 | 7.3 | 7.7 | 8.0 | 7.8 | 7.5 | 7.9 | 8.4 | 8.9 | 9.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $1979 . . . . . . . . . .$. | 6.8 | 7.0 | 7.4 | 7.7 | 7.5 | 7.0 | 7.4 | 7.9 | 8.5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1978 ............ | 6.6 6.5 | 6.8 | 7.3 | 7.6 | 7.2 | 6.5 | 6.9 | 7.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1976 ................ | 6.5 | 6.8 | 7.5 | 8.1 | 7.6 | 5.8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1975 ............. | 6.7 | 7.0 | 8.0 | 9.2 | 9.4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1974 ............ | 6.0 | 6.3 | 7.3 | 8.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{1972}^{1973}$................" | 5.0 4.7 | 4.9 | 5.6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1971 ............. | 5.2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Table C.4.-Real Gross Domestic Purchases
[Average annual percent change, based on chained (1992) doliar estimates]

| Terminal year | Initial year |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 |
| 1996 ............. | 2.7 | 2.7 | 2.6 | 2.5 | 2.7 | 2.9 | 2.7 | 2.6 | 2.4 | 2.4 | 2.7 | 2.7 | 3.1 | 2.9 | 2.4 | 2.3 | 2.2 | 2.1 | 2.0 | 2.0 | 2.1 | 2.9 | 2.9 | 2.9 | 2.4 | 2.9 |
| 1995 .................. | 2.7 | 2.7 | 2.6 | 2.6 | 2.7 | 2.9 | 2.7 | 2.5 | 2.4 | 2.4 | 2.7 | 2.7 | 3.1 | 2.9 | 2.4 | 2.2 | 2.1 | 2.0 | 1.9 | 1.8 | 2.0 | 2.9 | 2.9 | 2.9 | 1.9 |  |
| 1994 .............. | 2.8 | 2.7 | 2.6 | 2.5 | 2.7 | 2.9 | 2.7 | 2.6 | 2.4 | 2.4 | 2.8 | 2.8 | 3.2 | 3.0 | 2.4 | 2.3 | 2.1 | 2.1 | 1.9 | 1.8 | 2.0 | 3.2 | 3.4 | 3.9 |  |  |
| 1993 ............. | 2.7 | 2.7 | 2.6 | 2.4 | 2.7 | 2.9 | 2.7 | 2.5 | 2.3 | 2.3 | 2.7 | 2.7 | 3.1 | 2.9 | 2.3 | 2.1 | 1.9 | 1.8 | 1.5 | 1.2 | 1.4 | 2.9 | 2.9 |  |  |  |
| 1992 ............ | 2.7 | 2.7 | 2.5 | 2.4 | 2.6 | 2.9 | 2.7 | 2.5 | 2.3 | 2.3 | 2.7 | 2.7 | 3.1 | 2.9 | 2.2 | 1.9 | 1.7 | 1.5 | 1.2 | .7 | . 6 | 2.8 |  |  |  |  |
| 1991 ............ | 2.7 | 2.7 | 2.5 | 2.4 | 2.6 | 2.9 | 2.6 | 2.5 | 2.2 | 2.2 | 2.6 | 2.7 | 3.1 | 2.9 | 2.1 | 1.8 | 1.5 | 1.2 | . 6 | -. 4 | -1.6 |  |  |  |  |  |
| 1990 ............. | 2.9 | 2.9 | 2.7 | 2.6 | 2.9 | 3.2 | 3.0 | 2.8 | 2.6 | 2.6 | 3.1 | 3.1 | 3.7 | 3.5 | 2.7 | 2.5 | 2.3 | 2.1 | 1.8 | . 8 |  |  |  |  |  |  |
| 1989 ............. | 3.0 | 3.0 | 2.9 | 2.7 | 3.0 | 3.4 | 3.1 | 2.9 | 2.7 | 2.8 | 3.3 | 3.4 | 4.2 | 4.0 | 3.1 | 2.9 | 2.8 | 2.8 | 2.7 |  |  |  |  |  |  |  |
| 1988 ............ | 3.1 | 3.0 | 2.9 | 2.7 | 3.1 | 3.4 | 3.2 | 3.0 | 2.7 | 2.8 | 3.4 | 3.5 | 4.4 | 4.2 | 3.2 | 3.0 | 2.8 | 2.9 |  |  |  |  |  |  |  |  |
| 1987 ............. | 3.1 | 3.0 | 2.9 | 2.7 | 3.1 | 3.4 | 3.2 | 3.0 | 2.7 | 2.8 | 3.5 | 3.6 | 4.7 | 4.6 | 3.3 | 3.0 | 2.7 |  |  |  |  |  |  |  |  |  |
| 1986 ............. | 3.1 | 3.1 | 2.9 | 2.7 | 3.1 | 3.5 | 3.2 | 3.0 | 2.7 | 2.8 | 3.6 | 3.8 | 5.2 | 5.2 | 3.6 | 3.3 |  |  |  |  |  |  |  |  |  |  |
| 1985 ............ | 3.1 | 3.0 | 2.8 | 2.7 | 3.1 | 3.5 | 3.2 | 2.9 | 2.6 | 2.7 | 3.7 | 4.0 | 5.9 | 6.2 | 3.9 |  |  |  |  |  |  |  |  |  |  |  |
| 1984 ............. | 3.0 | 3.0 | 2.8 | 2.6 | 3.0 | 3.5 | 3.1 | 2.8 | 2.4 | 2.5 | 3.6 | 4.0 | 6.9 | 8.5 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1983 ............. | 2.6 | 2.5 | 2.3 | 2.0 | 2.4 | 2.9 | 2.4 | 1.9 | 1.2 | 1.0 | 2.0 | 1.8 | 5.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1982 ............ | 2.4 | 2.3 | 2.0 | 1.6 | 2.0 | 2.6 | 1.9 | 1.2 | . 2 | -. 4 | . 4 | -1.6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1981 ............ | 2.8 | 2.7 | 2.4 | 2.1 | 2.6 | 3.2 | 2.6 | 1.9 | . 9 | 2 | 2.4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1980 ............. | 2.8 | 2.7 | 2.3 | 2.0 | 2.6 | 3.4 | 2.7 | 1.8 | . 1 | -2.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1979 ............ | 3.3 | 3.3 | 3.0 | 2.7 | 3.5 | 4.8 | 4.3 | 3.7 | 2.2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1978 ............ | 3.5 | 3.5 | 3.1 | 2.8 | 3.9 | 5.7 | 5.3 | 5.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1977 ............. | 3.2 | 3.2 | 2.7 | 2.2 | 3.4 | 5.9 | 5.4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1976 ..........." | 2.9 | 2.7 | 2.0 | 1.1 | 2.5 | 6.4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1975 ............ | 3.2 | 1.8 2.9 | + 6 | -1.4 -1.5 | -1.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1973 ................ | 4.7 | 5.2 | 4.8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1972 ............ | 4.6 | 5.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1971 ............. | 3.6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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

Table C.5.-Chain-Type Price Index for Gross Domestic Purchases
[Average annual percent change]

| Terminal year | Initial year |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 |
| $1996 . . . .{ }^{\text {anc.a. }}$ | 5.2 | 5.1 | 5.2 | 5.1 | 4.9 | 4.7 | 4.7 | 4.5 | 4.4 | 4.1 | 3.7 | 3.4 | 3.2 | 3.2 | 3.1 | 3.1 | 3.2 | 3.1 | 3.1 | 2.9 | 2.7 | 2.5 | 2.4 | 2.3 | 2.4 | 2.2 |
| $1995 . .$. | 5.3 | 5.3 | 5.3 | 5.3 | 5.1 | 4.8 | 4.8 | 4.7 | 4.5 | 4.3 | 3.8 | 3.5 | 3.3 | 3.2 | 3.2 | 3.2 | 3.3 | 3.3 | 3.2 | 3.1 | 2.8 | 2.5 | 2.4 | 2.4 | 2.5 |  |
| $1994 . . . . . . . . . . .$. | 5.4 | 5.4 | 5.4 | 5.4 | 5.2 | 5.0 | 4.9 | 4.8 | 4.7 | 4.4 | 3.9 | 3.5 | 3.3 | 3.3 | 3.3 | 3.3 | 3.4 | 3.4 | 3.3 | 3.2 | 2.8 | 2.5 | 2.4 | 2.3 |  |  |
| 1993 ............. | 5.5 | 5.5 | 5.6 | 5.6 | 5.3 | 5.1 | 5.1 | 5.0 | 4.8 | 4.5 | 4.1 | 3.6 | 3.4 | 3.4 | 3.4 | 3.4 | 3.5 | 3.6 | 3.5 | 3.4 | 3.0 | 2.6 | 2.5 |  |  |  |
| 1992 ............. | 5.7 | 5.7 | 5.7 | 5.7 | 5.5 | 5.3 | 5.2 | 5.1 | 5.0 | 4.7 | 4.2 | 3.7 | 3.5 | 3.5 | 3.5 | 3.5 | 3.7 | 3.8 | 3.8 | 3.7 | 3.2 | 2.8 |  |  |  |  |
| $1991 . . . . . . . . . . . .$. | 5.8 | 5.8 | 5.9 | 5.9 | 5.7 | 5.4 | 5.4 | 5.3 | 5.2 | 4.8 | 4.3 | 3.8 | 3.6 | 3.6 | 3.6 | 3.7 | 3.9 | 4.0 | 4.1 | 4.1 | 3.7 |  |  |  |  |  |
| 1990 ............. | 5.9 | 5.9 | 6.0 | 6.0 | 5.8 | 5.6 | 5.5 | 5.4 | 5.3 | 4.9 | 4.4 | 3.9 | 3.6 | 3.6 | 3.6 | 3.7 | 3.9 | 4.1 | 4.4 | 4.5 |  |  |  |  |  |  |
| $1989 . . . . . . . . . . . .$. | 6.0 | 6.0 | 6.1 | 6.1 | 5.9 | 5.6 | 5.6 | 5.5 | 5.3 | 5.0 | 4.4 | 3.8 | 3.5 | 3.4 | 3.4 | 3.5 | 3.7 | 3.9 | 4.2 |  |  |  |  |  |  |  |
| 1988 ............. | 6.1 | 6.1 | 6.2 | 6.3 | 6.0 | 5.7 | 5.7 | 5.6 | 5.5 | 5.1 | 4.4 | 3.7 | 3.4 | 3.3 | 3.2 | 3.2 | 3.5 | 3.6 |  |  |  |  |  |  |  |  |
| 1987 ............. | 6.2 | 6.3 | 6.4 | 6.5 | 6.2 | 5.9 | 5.9 | 5.8 | 5.7 | 5.2 | 4.5 | 3.7 | 3.3 | 3.2 | 3.1 | 3.0 | 3.4 |  |  |  |  |  |  |  |  |  |
| 1986 ............. | 6.4 | 6.5 | 6.6 | 6.7 | 6.4 | 6.1 | 6.2 | 6.1 | 5.9 | 5.5 | 4.7 | 3.8 | 3.3 | 3.1 | 2.9 | 2.6 |  |  |  |  |  |  |  |  |  |  |
| $1985 . . . . . . . . . . .$. | 6.7 | 6.8 | 6.9 | 7.0 | ${ }^{6.8}$ | 6.5 | 6.6 | 6.5 | 6.4 | 6.0 | 5.1 | 4.1 | 3.5 | 3.4 | 3.2 |  |  |  |  |  |  |  |  |  |  |  |
| $1984 . . .$. | 6.9 | 7.0 | 7.3 | 7.4 | 7.1 | 6.9 | 7.0 | 7.0 | 7.0 | 6.6 | 5.6 | 4.4 | 3.7 | 3.5 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1993 ............ | 7.2 | 7.3 | 7.6 | 7.8 | 7.5 | 77.3 | 7.5 | 7.6 | 7.7 | 7.3 | 6.3 | 4.8 | 3.8 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 7.6 | 7.9 | 8.0 8.2 | 8.5 | 8.8 | 7.8 8.1 | 8.1 8.6 | 8.4 9.0 | 8.7 9.6 | 8.6 9.9 | 7.5 9.2 | 5.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1980 ................ | 7.5 | 7.7 | 8.1 | 8.4 | 8.2 | 7.9 | 8.5 | 9.0 | 9.8 | 10.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1979 ............. | 7.1 | 7.3 | 7.8 | 8.1 | 7.7 | 7.3 | 7.7 | 8.2 | 9.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 6.9 | 7.1 | 7.6 | 7.9 8.0 | 77.3 | 6.7 | 7.1 6.9 | 7.4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1976 ............. | 6.8 | 7.1 | 7.8 | 8.4 | 7.5 | 5.8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $1975 . . . . . . . . . . . .$. | 7.0 | 7.4 | 8.4 | 9.7 | 9.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1974 ............. | 6.4 | 6.8 | 8.0 | 10.2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1972 ................. | 4.2 4.9 | 4.5 | 5.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1971 | 5.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Table C.6.-Real Final Sales of Domestic Product
[Average annual percent change, based on chained (1992) dollar estimates]

| Terminal year | Initial year |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 |
| 1996 ............. | 2.8 | 2.8 | 2.6 | 2.5 | 2.7 | 2.7 | 2.7 | 2.6 | 2.4 | 2.4 | 2.5 | 2.6 | 2.9 | 2.8 | 2.6 | 2.4 | 2.3 | 2.3 | 2.1 | 1.9 | 2.0 | 2.6 | 2.6 | 2.7 | 2.6 | 2.8 |
| $1995 . . . . . . . . . . . .$. | 2.8 | 2.8 | 2.6 | 2.5 | 2.7 | 2.7 | 2.7 | 2.6 | 2.4 | 2.4 | 2.5 | 2.6 | 2.9 | 2.8 | 2.6 | 2.4 | 2.3 | 2.2 | 2.0 | 1.8 | 1.8 | 2.5 | 2.5 | 2.7 | 2.5 |  |
| $1994 . . . . . . . . . . . . . . ~$ | 2.8 | 2.8 | 2.6 | 2.5 | 2.7 | 2.8 | 2.7 | 2.6 | 2.4 | 2.4 | 2.5 | 2.6 | 2.9 | 2.8 | 2.6 | 2.4 | 2.3 | 2.2 | 1.9 | 1.7 | 1.7 | 2.5 | 2.5 | 2.9 |  |  |
| $1993 . . . . . . . . . . . . . ~$ | 2.8 | 2.8 | 2.6 | 2.5 | 2.7 | 2.8 | 2.7 | 2.6 | 2.4 | 2.3 | 2.5 | 2.6 | 2.9 | 2.8 | 2.6 | 2.3 | 2.2 | 2.1 | 1.7 | 1.4 | 1.3 | 2.3 | 2.1 |  |  |  |
| 1992 ............ | 2.8 | 2.8 | 2.7 | 2.5 | 2.7 | 2.8 | 2.7 | 2.6 | 2.4 | 2.3 | 2.5 | 2.6 | 3.0 | 2.9 | 2.6 | 2.4 | 2.2 | 2.1 | 1.6 | 1.1 | . 9 | 2.5 |  |  |  |  |
| $1991 . . . . . . . . . . . .$. | 2.8 | 2.8 | 2.7 | 2.5 | 2.7 | 2.8 | 2.7 | 2.6 | 2.4 | 2.3 | 2.5 | 2.6 | 3.0 | 2.9 | 2.7 | 2.3 | 2.1 | 2.0 | 1.3 | . 4 | -. 7 |  |  |  |  |  |
| 1990 ............. | 3.0 | 3.0 | 2.9 | 2.7 | 2.9 | 3.0 | 3.0 | 2.9 | 2.7 | 2.6 | 2.8 | 3.0 | 3.5 | 3.5 | 3.2 | 3.0 | 2.8 | 2.9 | 2.3 | 1.6 |  |  |  |  |  |  |
| 1989 ............. | 3.1 | 3.1 | 2.9 | 2.8 | 3.0 | 3.1 | 3.1 | 3.0 | 2.8 | 2.7 | 2.9 | 3.2 | 3.8 | 3.8 | 3.6 | 3.3 | 3.2 | 3.5 | 3.0 |  |  |  |  |  |  |  |
| 1988 ............. | 3.1 | 3.1 | 2.9 | 2.8 | 3.0 | 3.2 | 3.1 | 3.0 | 2.7 | 2.7 | 2.9 | 3.2 | 3.9 | 4.0 | 3.7 | 3.4 | 3.4 | 4.1 |  |  |  |  |  |  |  |  |
| 1987 ............. | 3.0 | 3.0 | 2.9 | 2.7 | 2.9 | 3.1 | 3.0 | 2.9 | 2.6 | 2.5 | 2.8 | 3.1 | 3.9 | 3.9 | 3.6 | 3.1 | 2.6 |  |  |  |  |  |  |  |  |  |
| 1986 ............. | 3.0 | 3.0 | 2.9 | 2.7 | 2.9 | 3.1 | 3.0 | 2.9 | 2.6 | 2.5 | 2.8 | 3.2 | 4.2 | 4.4 | 4.1 | 3.5 |  |  |  |  |  |  |  |  |  |  |
| $1985 . . . . . . . . . . .$. | 3.0 | 3.0 | $\stackrel{2}{2.8}$ | 2.6 | 2.9 | 3.1 | 3.0 | 2.8 | 2.5 | 2.3 | 2.7 | 3.1 | 4.4 | 4.8 | 4.6 |  |  |  |  |  |  |  |  |  |  |  |
| $1984 . . . . . . . . . . .$. | 2.9 | 2.9 | 2.7 | 2.4 | 2.7 | 2.9 | 2.8 | 2.6 | 2.1 | 1.9 | 2.2 | 2.6 | 4.3 | 5.0 |  |  |  |  |  |  |  |  |  |  |  |  |
| $1983 . . . . . . . . . .$. | 2.7 | 2.7 | 2.5 | 2.2 | 2.5 | $\begin{array}{r}2.7 \\ \hline 2\end{array}$ | 2.5 | 2.2 | 1.5 | 1.1 | 1.3 | 1.4 | 3.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1982 1981 .............. | 3.6 | 2.6 <br> 3.0 | 2.3 2.7 | 2.0 2.4 | ${ }_{2.8}^{2.3}$ | ${ }_{3}^{2.5}$ | 2.3 | 1.9 2.6 | 1.0 | 3 | 1.1 | -. 9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1980 ............... | 3.1 | 3.2 | 2.9 | 2.6 | 3.1 | 3.5 | 3.4 | 3.1 | 2.0 | . 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $1979 . . . . . . . . . . .$. | 3.4 | 3.5 | 3.2 | 2.9 | 3.6 | 4.3 | 4.3 | 4.3 | 3.4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1978 ............. | 3.4 | 3.5 | 3.2 | 2.8 | 3.6 | 4.6 | 4.8 | 5.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1977 ............. | 3.2 | 3.3 | 2.8 | 2.2 | 3.1 | 4.2 | 4.4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1976 ............ | 3.0 2.8 | 3.0 2.8 | 2.4 1.9 | 1.5 | 2.4 9 | 4.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1974 ............. | 3.3 | 3.4 | 2.5 | $-3$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1973 ............ | 4.5 | 5.3 | 5.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1972 ............... | 2.7 | 5.4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1971............. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Table C.7.-Real Disposable Personal Income
[Average annual percent change, based on chained (1992) dollar estimates]

| Terminal year | Initial year |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 |
| 1996 ............. | 2.8 | 2.8 | 2.7 | 2.5 | 2.7 | 2.7 | 2.6 | 2.6 | 2.5 | 2.4 | 2.6 | 2.6 | 2.7 | 2.7 | 2.3 | 2.3 | 2.2 | 2.2 | 2.0 | 2.0 | 2.0 | 2.4 | 2.3 | 2.6 | 2.8 | 2.3 |
| 1995 .............. | 2.8 | 2.8 | 2.7 | 2.5 | 2.7 | 2.7 | 2.7 | 2.6 | 2.5 | 2.5 | 2.6 | 2.6 | 2.7 | 2.7 | 2.3 | 2.3 | 2.1 | 2.2 | 2.0 | 2.0 | 2.0 | 2.5 | 2.4 | 2.7 | 3.3 |  |
| 1994 ................ | 2.8 | 2.8 | 2.7 | 2.5 | 2.6 | 2.7 | 2.6 | 2.6 | 2.4 | 2.4 | 2.5 | 2.5 | 2.7 | 2.7 | 2.2 | 2.1 | 2.0 | 2.1 | 1.7 | 1.7 | 1.7 | 2.2 | 1.9 | 2.2 |  |  |
| 1993 ................ | 2.8 | 2.8 | 2.7 | 2.5 | 2.7 | 2.7 | 2.6 | 2.6 | 2.4 | 2.4 | 2.6 | 2.6 | 2.7 | 2.7 | 2.2 | 2.1 | 2.0 | 2.0 | 1.7 | 1.6 | 1.5 | 2.2 | 1.7 |  |  |  |
| 1992 ................. | 2.9 | 2.8 | 2.8 | 2.5 | 2.7 | 2.8 | 2.7 | 2.7 | 2.5 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 2.3 | 2.2 | 2.0 | 2.1 | 1.7 | 1.6 | 1.4 | 2.8 |  |  |  |  |
| 1991 ................ | 2.9 | 2.8 | 2.8 | 2.5 | 2.7 | 2.8 | 2.7 | 2.7 | 2.5 | 2.5 | 2.6 | 2.6 | 2.8 | 2.9 | 2.2 | 2.1 | 1.9 | 1.9 | 1.3 | . 9 | 0 |  |  |  |  |  |
| 1990 .............. | 3.0 | 3.0 | 2.9 | 2.7 | 2.9 | 3.0 | 2.9 | 2.9 | 2.7 | 2.7 | 2.9 | 2.9 | 3.2 | 3.3 | 2.6 | 2.5 | 2.3 | 2.6 | 1.9 | 1.8 |  |  |  |  |  |  |
| 1989 ............. | 3.1 | 3.1 | 3.0 | 2.7 | 3.0 | 3.0 | 3.0 | 3.0 | 2.8 | 2.8 | 3.0 | 3.1 | 3.4 | 3.5 | 2.8 | 2.7 | 2.5 | 2.9 | 2.0 |  |  |  |  |  |  |  |
| 1988 ............. | 3.2 | 3.1 | 3.0 | 2.8 | 3.0 | 3.1 | 3.1 | 3.0 | 2.8 | 2.8 | 3.1 | 3.2 | 3.6 | 3.8 | 3.0 | 2.9 | 2.8 | 3.9 |  |  |  |  |  |  |  |  |
| 1987 ............. | 3.1 | 3.1 | 3.0 | 2.7 | 3.0 | 3.1 | 3.0 | 3.0 | 2.7 | 2.7 | 3.0 | 3.1 | 3.6 | 3.8 | 2.6 | 2.4 | 1.6 |  |  |  |  |  |  |  |  |  |
| 1986 ............. | 3.2 | 3.2 | 3.1 | 2.8 | 3.1 | 3.2 | 3.1 | 3.1 | 2.8 | 2.9 | 3.2 | 3.4 | 4.1 | 4.5 | 3.1 | 3.2 |  |  |  |  |  |  |  |  |  |  |
| 1985 ............. | 3.2 | 3.2 | 3.1 | 2.7 | 3.0 | 3.2 | 3.1 | 3.1 | 2.8 | 2.8 | 3.2 | 3.5 | 4.4 | 5.1 | 3.0 |  |  |  |  |  |  |  |  |  |  |  |
| 1984 .............. | 3.2 | 3.2 | 3.1 | 2.7 | 3.1 | 3.2 | 3.1 | 3.1 | 2.8 | 2.8 | 3.3 | 3.6 | 5.0 | 7.3 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1983 ................ | 2.9 | 2.8 | 2.7 | 2.3 | 2.6 | 2.7 | 2.5 | 2.4 | 1.9 | 1.6 | 2.0 | 1.8 | 2.8 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1982 ............... | 2.9 | 2.8 | 2.7 | 2.2 | 2.6 | 2.7 | 2.5 | 2.3 | 1.6 | 1.3 | 1.6 | . 9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1981 ................ | 3.1 | 3.0 | 2.9 | 2.4 | 2.8 | 3.0 | 2.8 | 2.7 | 1.9 | 1.5 | 2.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1980 ................ | 3.2 | 3.1 | 2.9 | 2.4 | 2.9 | 3.1 | 2.9 | 2.8 | 1.7 | . 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1979 .............. | 3.5 | 3.4 | 3.3 | 2.7 | 3.4 | 3.8 | 3.7 | 3.9 | 2.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1978 ............. | 3.6 | 3.5 | 3.4 | 2.6 | 3.5 | 4.1 | 4.2 | 5.2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1977 ............. | 3.4 | 3.3 | 3.0 | 2.0 | 3.0 | 3.6 | 3.2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1976 ............. | 3.4 | 3.3 | 3.0 | 1.6 | 2.8 | 3.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1975 ............ | 3.3 | 3.1 | 2.6 | . 5 | 1.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1974 ............. | 3.7 | 3.6 | 3.1 | -. 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1973 ............ | 5.2 | 5.8 | 7.1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1972 ............. | 4.3 | 4.6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1971 ............. | 4.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## D. Domestic Perspectives

These tables present data collected from other government agencies and private organizations, as noted. Quarterly data are shown in the middle month of the quarter.

Table D.1.-Domestic Perspectives

|  | 1995 | 1996 | 1996 |  |  |  |  | 1997 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|  | Consumer and producer prices, (seasonally adjusted) ${ }^{1}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Consumer price index for all urban consumers, 1982-84=100: <br> All items $\qquad$ <br> Less food and energy $\qquad$ <br> Services $\qquad$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 152.4 | 156.9 | 157.4 | 157.9 | 158.3 | 158.8 | 159.2 | 159.4 | 159.8 | 159.9 | 160.0 | 160.1 | 160.3 | 160.6 | 160.9 | 161.3 |
|  | 161.2 | 165.6 | 168.2 | 166.7 | 167.0 | 167.4 | 167.7 | 167.9 | 168.3 | 168.7 | 169.2 | 169.5 | 169.7 | 170.0 | 170.1 | 170.4 |
|  | 168.7 | 174.1 | 174.9 | 175.4 | 175.8 | 176.3 | 176.8 | 177.2 | 177.6 | 178.0 | 178.5 | 178.8 | 179.3 | 179.8 | 180.0 | 180.4 |
| Producer price index, 1982=100: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Finished goods ................................... | 127.9 | 131.3 | 131.6 | 132.0 | 132.5 | 132.7 | 133.4 | 133.0 | 132.6 | 132.3 | 131.6 | 131.3 | 131.1 | 131.0 | 131.4 | 132.0 |
| Less food and energy ........... | 140.0 | 142.0 | 142.2 | 142.4 | 142.3 | 142.3 | 142.5 | 142.5 | 142.4 | 142.6 | 142.5 | 142.2 | 142.3 | 142.1 | 142.2 | 142.8 |
| Finished consumer goods ............................. | 125.6 | 129.5 | 129.9 | 130.3 | 131.0 | 131.3 | 132.1 | 131.6 | 131.1 | 130.8 | 129.9 | 129.6 | 129.4 | 129.2 | 129.7 | 130.4 |
| Capital equipment ................................................................... | 136.7 | 138.3 | 138.5 | 138.7 | 138.5 | 138.5 | 138.5 | 138.6 | 138.5 | 138.5 | 138.4 | 138.1 | 138.1 | 138.0 | 138.0 | 138.4 |
| Crude materials ....................................................................... | 124.9 | 125.7 | 125.7 | 126.2 | 126.0 | 125.8 | 126.4 | 126.6 | 126.4 | 125.9 | 125.5 | 125.3 | 125.3 | 125.1 | 125.2 | 125.6 |
|  | 102.7 | 113.5 | 115.8 | 112.8 | 112.0 | 115.0 | 122.1 | 126.7 | 116.2 | 107.3 | 107.9 | 110.2 | 106.8 | 106.7 | 107.4 | 108.0 |
|  | Money, interest rates, and stock prices |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Money stock (seasonally adjusted): ${ }^{2}$ Percent change: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| M2 |  |  | 28 | 26 | 26 | . 49 | 0.05 |  | 0.09 | - 40 |  |  |  | . 7 | 0.6 | 0.84 |
| Ratio: |  |  |  |  |  |  |  |  | . 5 |  | . 46 | -. |  |  |  |  |
| Gross domestic product to M | 6.356 | 6.906 | 6.974 |  |  | 7.212 |  |  | 7.355 |  |  | 7.553 |  |  | 7.644 |  |
| Personal income to M2 | 1.722 | 1.734 | 1.739 | 1.746 | 1.740 | 1.742 | 1.745 | 1.747 | 1.753 | 1.756 | 1.751 | 1.758 | 1.762 | 1.760 | 1.755 | 1.753 |
| Interest rates (percent, not seasonally adjusted): ${ }^{2}$ Federal funds rate | 5.83 | 5.30 | 5.22 | 5.30 | 5.24 | 5.31 | 5.29 | 5.25 | 5.19 | 5.39 | 5.51 | 5.50 | 5.56 | 5.52 | 5.54 | 5.54 |
| Discount rate on new 91 -day Treasury bills | 5.51 | 6.02 | 5.09 | 5.15 | 5.01 | 5.03 | 4.87 | 5.05 | 5.00 | 5.14 | 5.17 | 5.513 | 4.92 | 5.07 | 5.13 | 5.97 |
| Yield on new high-grade corporate bonds .......... | 7.72 | 7.62 | 7.68 | 7.84 | 7.69 | 7.43 | 7.45 | 7.63 | 7.54 | 7.85 | 8.04 | 7.90 | 7.71 | 7.44 | 7.30 | 7.04 |
| 10-Year U.S. Treasury bonds ..... | 6.57 | 6.44 | 6.64 | 6.83 | 6.53 | 6.20 | 6.30 | 6.58 | 6.42 | 6.69 | 6.89 | 6.71 | 6.49 | 6.22 | 6.30 | 6.21 |
| Yield on municipal bonds, 20-bond average ....... | 5.95 | 5.76 | 5.76 | 5.87 | 5.72 | 5.59 | 5.64 | 5.72 | 5.63 | 5.76 | 5.88 | 5.70 | 5.53 | 5.35 | 5.41 | 5.39 |
| Mortgage commitment rate ........................... | 7.95 | 7.80 | 8.00 | 8.23 | 7.92 | 7.62 | 7.60 | 7.82 | 7.65 | 7.90 | 8.14 | 7.94 | 7.69 | 7.50 | 7.48 | 7.43 |
| Average prime rate charged by banks .............. | 8.83 | 8.27 | 8.25 | 8.25 | 8.25 | 8.25 | 8.25 | 8.25 | 8.25 | 8.30 | 8.50 | 8.50 | 8.50 | 8.50 | 8.50 | 8.50 |
| Index of stock prices (not seasonally adjusted): ${ }^{3}$ 500 common slocks, 1941-43=10 $\qquad$ | 541.64 | 670.83 | 662.68 | 674.88 | 701.46 | 735.67 | 743.25 | 766.22 | 798.39 | 792.16 | 763.93 | 833.09 | 876.29 | 925.29 | 927.74 | 937.02 |
|  | Labor markets (thousands, seasonally adjusted, unless otherwise noted) ${ }^{1}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Civilian labor force ......................................... | 132,304 | 133,943 | 133,898 | 134,291 | 134,636 | 134,831 | 135,022 | 135,848 | 135,634 | 136,319 | 136,098 | 136,173 | 136,200 | 136,290 | 136,480 | 136,467 |
| Labor force participation rates (percent): |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Males 20 and over ..................................... | $\begin{gathered} 76.7 \\ 594 \\ \hline 1 \end{gathered}$ | $\begin{gathered} 76.8 \\ 59.9 \end{gathered}$ | 76.8 | 76.7 60.0 | $\begin{aligned} & 76.8 \\ & 6 \end{aligned}$ | 76.9 | 76.8 60.3 | 77.1 | 76.9 | 77.1 | 77.1 | 76.9 605 | 77.0 | 77.0 60.4 | 77.0 | 76.8 |
| Females 20 and over $\qquad$ 16-19 years of age | $\begin{aligned} & 59.4 \\ & 53.5 \end{aligned}$ | $\begin{aligned} & 59.9 \\ & 52.3 \end{aligned}$ | 59.9 50.7 | 60.0 52.2 | 60.1 52.4 | 60.2 52.0 | 60.3 52.3 | 60.4 51.9 | 60.2 52.8 | 60.6 52.9 | 60.4 52.1 | 60.5 52.2 | 60.5 51.0 | 60.4 51.4 | 60.6 50.5 | 60.6 50.7 |
| Civilian employment ...................................................... | 124,900 | 126,708 | 126,988 | 127,248 | 127,617 | 127,644 | 127,855 | 128,580 | 128,430 | 129,175 | 129,384 | 129,639 | 129,364 | 129,708 | 129,804 | 129,715 |
| Ratio, civilian employment to working-age population (percent) |  |  |  |  |  |  |  |  |  |  |  |  | 63.7 |  |  |  |
| Persons engaged in nonagricultural activitles ........ | 121,460 | 123,264 | 123,570 | 123,768 | 124,167 | 124,290 | 124,429 | 125,112 | 125,138 | 125,789 | 125,887 | 126,209 | 125,973 | 126,226 | 126,421 | 126,265 |
| Employees on nonagricultural payrolls ................. | 117,191 | 119,523 | 119,983 | 120,019 | 120,248 | 120,450 | 120,659 | 120,909 | 121,162 | 121,344 | 121,671 | 121,834 | 122,056 | 122,440 | 122,480 | 122,695 |
| Goods-producing industries $\qquad$ Services-producing industries $\qquad$ | 24,265 | 24,431 | 24,468 | 24,439 | 24,479 | 24,508 | 24,540 | 24,581 | 24,653 | 24,670 | 24,667 | 24,702 | 24,714 | 24,713 | 24,771 | 24,757 |
|  | 92,925 | 95,092 | 95,515 | 95,580 | 95,769 | 95,942 | 96,119 | 96,328 | 96,509 | 96,674 | 97,004 | 97,132 | 97,342 | 97,727 | 97,709 | 97,938 |
| Average weekly hours, manufacturing (hours) Average weekly overtime hours, manufacturing (hours) $\qquad$ | 41.6 | 41.6 | 41.7 | 41.7 | 41.7 | 41.7 | 42.0 | 41.8 | 41.9 | 42.1 | 42.1 | 42.0 | 41.8 | 41.8 | 41.9 | 41.9 |
|  | 4.4 | 4.5 | 4.5 | 4.5 | 4.5 | 4.6 | 4.7 | 4.7 | 4.7 | 4.9 | 4.9 | 4.8 | 4.6 | 4.7 | 4.7 | 4.7 |
| Number of persons unemployed Unemployment rates (percenit): Total <br> 15 weeks and over | 7,404 | 7,236 | 6,910 | 7,043 | 7,019 | 7,187 | 7,167 | 7,268 | 7,205 | 7,144 | 6,714 | 6,534 | 6,836 | 6,583 | 6,677 | 6,752 |
|  | 56 | 5.4 | 52 |  |  |  | 53 |  | 53 |  |  | 48 | 50 | 48 | 9 |  |
|  | 1.8 | 1.7 | 1.7 | 1.7 | 5.2 1.7 | 1.6 | 1.6 | 1.6 | 1.6 | 5.2 1.5 | 1.5 | 4.8 | 1.5 | 1.6 | 4.9 1.5 | 1.6 |
| Average duration of unemployment (weeks) ........... | 16.6 | 16.7 | 17.2 | 16.9 | 16.7 | 16.0 | 15.8 | 16.0 | 16.0 | 15.3 | 15.2 | 15.1 | 15.1 | 16.6 | 15.9 | 16.0 |
| Nonfarm business sector, 1992-100: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Output per hour of all persons ......................... | 100.7 | 102.0 | 102.0 |  |  | 102.4 |  |  | 102.8 |  |  | 103.5 |  |  |  |  |
| Unit labor costs ......................................... | 106.0 | 107.9 | 108.5 | ...... | .......... | 108.9 | .... | ............ | 109.7 | ............ | .... | 109.8 |  | ........... | ........... |  |
| Hourly compensation ..................................... | 106.7 | 110.1 | 110.6 | .... | ............ | 111.5 | .... | .......... | 112.8 | ...... | ..... | 113.7 | ........... | ...... | ............ | ............ |

See footnotes at end of table.

Table D.1.-Domestic Perspectives-Continued

|  | 1995 | 1996 | 1996 |  |  |  |  | 1997 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|  | Construction (seasonally adjusted at annual rates) ${ }^{4}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total new private construction put in place (billions of dollars) $\qquad$ Residential $\qquad$ Nonresidential $\qquad$ | 406.8 | 437.1 | 443.6 | 444.4 | 449.0 | 448.9 | 447.0 | 444.4 | 452.0 | 452.7 | 457.6 | 459.9 | 456.9 | 464.7 | 464.2 |  |
|  | 230.7 | 247.2 | 249.2 | 249.0 | 247.9 | 248.3 | 247.9 | 246.7 | 251.4 | 254.0 | 259.9 | 259.7 | 257.3 | 259.4 | 260.0 | ............ |
|  | 135.0 | 149.4 | 152.6 | 153.5 | 159.3 | 159.9 | 157.4 | 161.0 | 163.7 | 160.5 | 156.5 | 160.0 | 159.2 | 165.3 | 163.9 |  |
| Housing starts (thousands of units): <br> Total $\qquad$ 1-unit structures $\qquad$ | 1,354 | 1,477 | 1,515 | 1,470 | 1,407 | 1,486 | 1,353 | 1,375 | 1,554 | 1,479 | 1,483 | 1,402 | 1,503 | 1,465 | 1,390 | 1,500 |
|  | 1,076 | 1,161 | 1,222 | 1,148 | 1,104 | 1,133 | 1,024 | 1,125 | 1,237 | 1,142 | 1,133 | 1,098 | 1,134 | 1,149 | 1,094 | 1,170 |
| New 1 -family houses sold (thousands of units) $\qquad$ | 667 | 757 | 814 | 768 | 706 | 788 | 794 | 822 | 826 | 825 | 765 | 764 | 815 | 818 | 800 |  |
|  | Manufacturing and trade, inventories and sales (millions of dollars, seasonally adjusted) ${ }^{4}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sales: <br> Total manufaciuring and trade ..... Manufacturing $\qquad$ Merchant wholesalers <br> Retail trade $\qquad$ $\qquad$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | $8,179,165$ <br> $3,589,395$ | 8,601,158 | 719,660 313,854 | 724,103 | 727,725 316,461 | 730,646 319,296 | 728,760 316,306 | 737,464 319,725 | 747,790 322,967 | 745,460 322,923 | 746,769 326,909 | 742,945 323,567 | 750,027 328,315 | 757,485 332,895 | 754,051 330,389 |  |
|  | 2,265,732 | 2,420,679 | 202,719 | 203,419 | 204,987 | 205,561 | 205,560 | 207,506 | 211,801 | 210,195 | 209,926 | 210,008 | 210,772 | 211,041 | 208,774 |  |
|  | 2,324,038 | 2,445,296 | 203,087 | 204,713 | 206,277 | 205,789 | 206,894 | 210,233 | 213,022 | 212,342 | 209,934 | 209,370 | 210,940 | 213,549 | 214,888 |  |
| Inventories: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total manufacturing and trade ..... Manufacturing | 985,905 | 1,004,425 | 998,876 | 1,000,431 | 1,004,990 | 1,004,540 | 1,004,425 | 1,007,618 | 1,011,899 | 1,013,376 | 1,017,150 | 1,019,025 | 1,026,255 | 1,027,787 | 1,030,321 |  |
|  | 429,089 | 434,434 | 431,647 | 432,674 | 434,038 | 435,200 | 434,434 | 435,743 | 437,873 | 438,560 | 441,508 | 443,460 | 444,823 | 446,602 | 448,542 |  |
| Manufacturing .......................Merchant wholesalers ......... | 253,066 | 255,808 | 256,189 | 254,788 | 255,671 | 255,850 | 255,808 | 257,895 | 258,088 | 259,389 | 258,046 | 259,029 | 264,154 | 262,314 | 264,818 |  |
|  | 303,750 | 314,183 | 311,040 | 312,969 | 315,281 | 313,490 | 314,183 | 313,980 | 315,938 | 315,427 | 317,596 | 316,536 | 317,278 | 318,871 | 316,961 | ......... |
| Retail trade .......................... | Industrial production indexes and capacity utitization rates (seasonally adjusted) ${ }^{\text {a }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 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 indusitry: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Durable manufactures ......... | 119.7 | 125.7 | 127.5 | 127.2 | 127.1 | 128.4 | 128.8 | 129.5 | 130.8 | 131.7 | 132.3 | 132.7 | 134.1 | 135.5 | 137.5 | 138.0 |
| Nondurable manufactures .... | 106.2 | 106.3 | 106.2 | 106.9 | 107.4 | 107.9 | 108.8 | 108.5 | 108.6 | 108.7 | 108.7 | 108.7 | 108.4 | 109.2 | 109.0 | 109.6 |
| By market category: <br> Consumer goods | 108.9 | 110.4 | 110.1 | 110.5 | 110.8 | 112.3 | 112.7 | 111.7 | 111.6 | 112.1 | 112.1 | 112.6 | 112.3 | 112.6 | 113.2 | 114.0 |
| Capacity utilization rates (percent):total industry ................... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 83.8 | 83.1 | 83.2 | 83.1 | 83.0 | 83.4 | 83.5 | 83.3 | 83.5 | 83.6 | 83.6 | 83.5 | 83.5 | 83.9 | 84.1 | 84.4 |
| Manufacturing .................................. | 83.1 | 82.1 | 82.3 | 82.1 | 82.0 | 82.4 | 82.5 | 82.4 | 82.6 | 82.7 | 82.6 | 82.4 | 82.5 | 82.9 | 83.3 | 83.4 |
|  | Credit market borrowing (billions of dollars, seasonally adjusted at annual rates) ${ }^{2}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| All sectors, by instrument: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total .................................... | 1,218.3 | 1,316.0 | 1,219.6 |  | .............. | 1,358.4 |  | ............. | 995.3 | .............. | .............. | 1,224.7 |  |  |  |  |
| Open market paper $\qquad$ | 74.3 | 102.6 376.5 | 107.7 386.1 | .............. | .............. | 142.1 3797 | .............. | .............. | 199.4 | $\cdots$ | .......... | 109.4 189.1 | -............. | ${ }^{\text {............. }}$ | .............. | ${ }^{. . . . . . . .}$ |
| U.S. government securities...... | 348.5 | 376.5 1.3 | ${ }_{-656}^{386.1}$ | ............. | .............. | 379.7 | ............. | $\ldots$ | 186.9 | .............. | .............. | 189.1 | .............. |  | .............. | ......... |
| Municipal securities ............... | -411.2 | 1.3 | -65.2 | .............. | ............... | 44.2 | .............. | ............... | 23.2 | .............. | .............. | 76.5 | .............. | .............. | ............. | .......... |
| Corporate and foreign bonds ... | 311.8 | 273.0 | 204.2 | .............. | .............. | 326.2 | .............. | .............. | 84.3 | ... | .............. | 289.7 | .............. | .............. | .............. | .......... |
| Bank loans, n.e.c. ................ | 113.0 | 95.7 | 139.5 |  | .............. |  | .............. | .............. | 148.3 | ... | .............. | 146.6 | .............. | .............. | .............. | ......... |
| Other loans and advances ...... | 49.3 | ${ }_{5}^{50.0}$ | 88.9 | ............. | ............. | 13.2 |  | ......... | -14.2 | - |  | 59.8 |  |  |  | ......... |
| Mortgages ............................ | 229.0 | 330.6 | 274.5 |  |  | 346.0 |  |  | 281.4 |  |  | 301.2 |  |  |  | ....... |
| Consumer credit ..................... | 140.5 | 86.3 | 89.9 | .............. | ...... | 42.6 | ............... | ............... | 85.9 | ............... | .............. | 52.4 | ............... | ............... | ............... | ..... |
| Sources: <br> 1. Bureau of Labor Statistics. <br> 2. Federal Reserve Board. | 3. Standard and Poor's, Inc. <br> 4. Bureau of the Census. n.e.c. Not elsewhere classilied. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## E. Charts

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

## SELECTED NIPA SERIES



SELECTED NIPA SERIES


## SELECTED NIPA SERIES



## SELECTED NIPA SERIES


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

## SELECTED NIPA SERIES



## SELECTED NIPA SERIES



## OTHER INDICATORS OF THE DOMESTIC ECONOMY



Percent



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

## OTHER INDICATORS OF THE DOMESTIC ECONOMY






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

## International Data

## F. Transactions Tables

Table F.i includes the most recent estimates of U.S. international trade in goods and services; the estimates were released on October 21, 1997 and include "preliminary" estimates for August 1997 and "revised" estimates for July. The sources for the other tables in this section are as noted.

Table F.1.-U.S. International Transactions in Goods and Services
[Millions of dollars; monthly estimates seasonally adjusted]

|  | 1995 | 1996 | 1996 |  |  |  |  |  | 1997 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July ${ }^{\text {r }}$ | Aug. ${ }^{\text {P }}$ |
| Exports of goods and services ............................................... | 794,610 | 848,833 | 68,500 | 71,150 | 70,435 | 73,088 | 73,969 | 72,444 | 71,848 | 74,282 | 78,124 | 77,791 | 77,742 | 78,515 | 77,787 | 77,957 |
| Goods | 575,87t | 612,069 | 49,087 | 51,254 | 50,423 | 52,503 | 53,209 | 52,133 | 51,686 | 53,687 | 57,155 | 57,162 | 56,871 | 57,378 | 56,745 | 56,819 |
| Foods, feeds, and beverages | 50,473 | 55,534 | 4,675 | 4,686 | 4,424 | 4,545 | 5,012 | 4,398 | 4,327 | 4,272 | 4,181 | 4,162 | 4,052 | 3,929 | 3,832 | 4,261 |
| Industrial supplies and materials | 146,247 | 147,652 | 11,618 | 12,339 | 12,189 | 12,679 | 12,252 | 12,463 | 12,091 | 12,706 | 13,731 | 13,507 | 13,399 | 13,885 | 13,169 | 13,360 |
| Capital goods, except automotive | 233,046 | 252,895 | 20,110 | 21,158 | 20,417 | 22,049 | 22,211 | 22,052 | 21,565 | 22,715 | 24,713 | 24,971 | 24,760 | 24,482 | 24,698 | 24,716 |
| Automotive vehicles, engines, and parts | 61,828 | 65,021 | 5,348 | 5,485 | 5,719 | 5,410 | 5,878 | 5,465 | 5,600 | 5,907 | 6,228 | 6,171 | 5,935 | 6,251 | 6,261 | 6,130 |
| Consumer goods (nonfood), except automotive | 64,425 | 70,138 | 5,589 | 5,868 | 5,892 | 6,141 | 6,070 | 6,015 | 6,068 | 6,264 | 6,481 | 6,339 | 6,663 | 6,720 | 6,397 | 6,441 |
| Other goods | 28,723 | 33,036 | 3,187 | 3.071 | 3,092 | 2,744 | 3,064 | 3,056 | 2,595 | 2,493 | 2,808 | 2,709 | 3,057 | 2,968 | 3,218 | 2,958 |
| Adjustments ${ }^{1}$................................................................. | -8,871 | -13,006 | -1,440 | -1,352 | -1,309 | -1,065 | -1,279 | -1,316 | -551 | -671 | -988 | -697 | -995 | -857 | -1,031 | -1,046 |
| Services | 218,739 | 236,764 | 19,413 | 19,896 | 20,012 | 20,585 | 20,760 | 20,311 | 20,162 | 20,595 | 20,969 | 20,629 | 20,871 | 21,137 | 21,042 | 21,138 |
| Travel | 63,395 | 69,908 | 5,667 | 5,945 | 6,047 | 6,145 | 6,215 | 5,823 | 5,947 | 6,243 | 6,366 | 5,957 | 6,028 | 6,106 | 6,056 | 6,150 |
| Passenger fares | 19,125 | 20,557 | 1,682 | 1,766 | 1,789 | 1,791 | 1,801 | 1,690 | 1,711 | 1,797 | 1,811 | 1,742 | 1,765 | 1,801 | 1,776 | 1,776 |
| Other transportation | 27,412 | 27,216 | 2,193 | 2,293 | 2,230 | 2,400 | 2,393 | 2,349 | 2,291 | 2,321 | 2,387 | 2,364 | 2,358 | 2,417 | 2,387 | 2,405 |
| Royalties and license fees | 27,383 | 29,974 | 2,483 | 2,498 | 2,514 | 2,559 | 2,570 | 2,574 | 2,561 | 2,563 | 2,575 | 2,633 | 2,647 | 2,655 | 2,674 | 2,687 |
| Other private services | 66,850 | 73,569 | 6,091 | 6,145 | 6,196 | 6,321 | 6,370 | 6,426 | 6,510 | 6,588 | 6,662 | 6,702 | 6,808 | 6,882 | 6,955 | 6,946 |
| Transfers under U.S. military agency sales contracts ${ }^{2}$ $\qquad$ U.S. Government miscellaneous services $\qquad$ | $\begin{array}{r} 13,756 \\ 818 \end{array}$ | 14,647 893 | $\begin{array}{r} 1,28 \\ 69 \end{array}$ | 1,179 70 | 1.165 71 | 1,299 | 1,342 69 | $\begin{array}{r} 1,381 \\ 68 \end{array}$ | 1,074 68 | 1,015 68 | 1,101 67 | 1,167 64 | 1,202 | 1,213 63 | 1,127 67 | 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 | 749,431 | 803,239 | 66,844 | 68,013 | 68,400 | 67,823 | 68,385 | 69,828 | 69,834 | 70,448 | 72,032 | 72,689 | 73,234 | 72,622 | 73,593 | 74,194 |
| Foods, feeds, and beverages | 33,176 | 35,710 | 2,947 | 3.015 | 2,991 | 3,009 | 2,976 | 3,189 | 3,074 | 3,105 | 3,328 | 3,358 | 3,378 | 3,251 | 3,395 | 3,361 |
|  | 181,849 | 204,482 | 17,346 | 17,384 | 17,841 | 18,250 | 17,562 | 18,698 | 17,944 | 17,641 | 17,969 | 17,575 | 17,905 | 17,565 | 17,456 | 17,964 |
| Capital goods, except automotive ......................................... | 221,431 | 229,050 | 18,704 | 19,010 | 19,133 | 18,943 | 19,330 | 19,581 | 19,466 | 19,439 | 20,422 | 20,686 | 20,988 | 21,250 | 21,574 | 22,225 |
| Automotive vehicles, engines, and parts .............................. | 123,796 | 128,938 | 11,044 | 11,216 | 11,160 | 10,156 | 11,234 | 10,846 | 11,763 | 12,113 | 11,685 | 11,366 | 11,625 | 11,594 | 12,291 | 11,792 |
| Consumer goods (nonfood), except automotive ...................... | 159,905 | 171,007 | 14,101 | 14,438 | 14,769 | 14,952 | 14,749 | 15,149 | 15,117 | 15,256 | 14,927 | 16,214 | 16,079 | 15,716 | 16,100 | 16,077 |
| Other goods ...................................................................... | 23,387 | 26,102 | 2,277 | 2,181 | 2,199 | 2,198 | 2,245 | 2,130 | 2,224 | 2,465 | 2,244 | 2,472 | 2,361 | 2,355 | 2,549 | 2,532 |
| Adjustments ${ }^{1}$............................................................... | 5,888 | 7,950 | 425 | 770 | 307 | 315 | 289 | 235 | 247 | 429 | 1,456 | 1,019 | 897 | 891 | 227 | 243 |
| Services | 147,036 | 156,634 | 13,279 | 13,144 | 12,923 | 13,200 | 13,249 | 13,217 | 13,624 | 13,690 | 13,923 | 13,896 | 14,065 | 14,186 | 14,212 | 14,121 |
| Travel | 46,053 | 48,739 | 3,915 | 4,046 | 3,955 | 4,025 | 4,156 | 4,061 | 4,295 | 4,312 | 4,411 | 4,286 | 4,381 | 4,426 | 4,367 | 4,369 |
| Passenger fares ............................................................... | 14,433 | 15,776 | 1,291 | 1,324 | 1,305 | 1,344 | 1,367 | 1,342 | 1,411 | 1,425 | 1,447 | 1,427 | 1,434 | 1.453 | 1,455 | 1,457 |
| Other transportation ........................................................ | 28,249 | 28,453 | 2,445 | 2,403 | 2,372 | 2,478 | 2,323 | 2,366 | 2,448 | 2,439 | 2,491 | 2,526 | 2,550 | 2,486 | 2,532 | 2,516 |
| Royalties and license fees ................................................ | 6,503 | 7,322 | 930 | 658 | 556 | 577 | 589 | 604 | 588 | 598 | 613 | 651 | 666 | 674 | 683 | 635 |
| Other private services | 39,285 | 42,796 | 3,542 | 3,554 | 3,578 | 3,640 | 3,680 | 3,707 | 3,739 | 3,770 | 3,811 | 3,851 | 3,875 | 3,987 | 4,009 | 3,977 |
| Direct defense expenditures ${ }^{2}$............................................... | 9,890 | 10,861 | 927 | 928 | 925 | 909 | 907 | 911 | 914 | 917 | 922 | 930 | 934 | 936 | 938 | 939 |
| U.S. Government miscellaneous services ............................... | 2,623 | 2,687 | 229 | 231 | 232 | 227 | 227 | 226 | 229 | 229 | 228 | 225 | 225 | 224 | 228 | 228 |
| Memoranda: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balance on goods ............................................................... | -173,560 | -191,170 | -17,757 | -16,759 | -17,976 | -15,320 | $-15,176$ | -17,695 | -18,149 | -16,761 | -14,877 | -15,528 | -16,363 | -15,244 | -16,849 | -17,375 |
| Balance on services ...................................................................................... | 71,703 | 80,130 | 6,134 | 6,752 | 7,089 | 7,385 | 7,511 | 7,094 | 6,538 | 6,905 | 7,046 | 6,733 | 6,806 | 6,951 | 6,830 | 7.017 |
| Balance on goods and services ................................................. | -101,857 | -111,040 | -11,623 | -10,007 | $-10,887$ | -7,935 | -7,665 | $-10,601$ | -11,611 | -9,856 | -7,831 | -8,795 | -9,557 | -8,293 | -10,019 | -10,358 |
| $p$ Preliminary. <br> ${ }^{r}$ Revised. <br> 1. Reflects adjustments necessary to bring the Census Bureau's definitions used to prepare BEA's international and national accounts. | mponent | ta in li | with the | oncepts |  | 2. Contain Source: U. | goods th <br> . Departm | cannot <br> nt of Co | e separately merce, B | identified reau of E | nomic | alysis and | Bureau | the Cens |  |  |

Table F.2.-U.S. International Transactions
[Mililions of dollars]

| Line | $(\text { Credits }+ \text {; debits }-)^{1}$ | 1996 | Not seasonally adjusted |  |  |  |  |  | Seasonally adjusted |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1996 |  |  |  | 1997 |  | 1996 |  |  |  | 1997 |  |
|  |  |  | 1 | II | III | IV | 1 |  |  | 11 | III | IV | 1 | $\\| P$ |
|  |  | 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, exciuding miltary ${ }^{2}$ | 612,069 | 151,442 | 154,198 | 145,670 | 160,759 | 162,812 | 172,626 | 150,048 | 153,411 | 150,764 | 157,846 | 162,527 | $\begin{array}{r} 171,489 \\ 62,637 \end{array}$ |
|  | Services ${ }^{3}$ $\qquad$ <br>  | $\begin{array}{r} 236,764 \\ 14,647 \end{array}$ | $\begin{array}{r} 55,409 \\ 3,092 \end{array}$ | $\begin{gathered} 57,121 \\ 3,961 \end{gathered}$ | $\begin{gathered} 63,564 \\ 3,572 \end{gathered}$ | $\begin{gathered} 60,669 \\ 4,022 \end{gathered}$ | $\left.\begin{gathered} 59,841 \\ 3,190 \end{gathered} \right\rvert\,$ | $\begin{gathered} 60,967 \\ 3,582 \end{gathered}$ | $\begin{array}{r} 57,057 \\ 3,092 \end{array}$ | $\begin{array}{r} 58,736 \\ 3,961 \end{array}$ | $\begin{gathered} 59,322 \\ 3,572 \end{gathered}$ | $\begin{aligned} & 61,656 \\ & 4,022 \end{aligned}$ | $\begin{array}{r} 61,725 \\ 3,90 \end{array}$ |  |
|  | Travel $\qquad$ Passenger fares $\qquad$ Other transportation | $\begin{aligned} & 69,908 \\ & 20,557 \\ & 27,216 \end{aligned}$ | $\begin{array}{r} 14,804 \\ 4,668 \\ 6,436 \end{array}$ | $\begin{gathered} 17,165 \\ 4,479 \\ 6,788 \end{gathered}$ | $\begin{gathered} 21,041 \\ 6,404 \\ 6,763 \end{gathered}$ | $\begin{gathered} 16,898 \\ 4,916 \\ 7,229 \end{gathered}$ | $\begin{gathered} 16,421 \\ 4,976 \\ 4 \end{gathered}$ | $\begin{gathered} 17,996 \\ 5,109 \\ 7,124 \end{gathered}$ | 16,712 5 5 | $\begin{gathered} 17,356 \\ 4,952 \\ 4 \end{gathered}$ | $\begin{array}{r} 17,659 \\ 5,237 \end{array}$ | $\begin{array}{r} 18,183 \\ 5,282 \end{array}$ | $\begin{gathered} 18,556 \\ 5,319 \end{gathered}$ | $\begin{aligned} & 18,091 \\ & 5,908 \\ & 7,139 \end{aligned}$ |
|  |  |  |  |  |  |  |  |  | 6,555 | 6,805 | 6,716 | 7,142 | 6,999 |  |
|  | Royalties and license fees ${ }^{5}$ $\qquad$ <br> Other private services ${ }^{5}$ <br> U.S. Government miscellaneous services $\qquad$ | $\begin{gathered} 29,977 \\ 73,669 \\ 893 \end{gathered}$ | $\begin{array}{r} 7,120 \\ 18,900 \\ 289 \end{array}$ | $\begin{array}{r} 7,170 \\ 1,788 \\ 187 \end{array}$ | $\begin{array}{r} 7,410 \\ 18,464 \\ 210 \end{array}$ | $\begin{array}{r} 8,273 \\ 1,124 \\ 207 \end{array}$ | $\begin{array}{r} 7,389 \\ 2,789 \\ 203 \end{array}$ | $\begin{array}{r} 7,753 \\ 1,293 \\ 190 \end{array}$ | $\begin{array}{r} 7,482 \\ 17,889 \\ 289 \end{array}$ | $\begin{array}{r} 7,345 \\ 18,130 \\ 187 \end{array}$ | $\begin{array}{r} 7,495 \\ 18,433 \\ 210 \end{array}$ | $\begin{array}{r} 7,703 \\ 9,117 \\ 207 \end{array}$ | $\begin{array}{r} 7,699 \\ 19,759 \\ 203 \end{array}$ | $\begin{array}{r} 7,935 \\ 20,392 \\ 190 \end{array}$ |
| 11 | Income receipts on U.S. assets abroad $\qquad$ <br> Direct investment receipts $\qquad$ <br> Other private receipts <br> J.S. Government receipts $\qquad$ $\qquad$ | $\begin{gathered} 206,400 \\ 98,800 \\ 102,866 \\ 4,644 \end{gathered}$ | 49,622 | 50,346 | 57,90 | 5,243 | 55,663 | 58,72 | 49,277 | 50,188 | $\begin{aligned} & 51,893 \\ & 24,675 \end{aligned}$ | $\begin{aligned} & 55,043 \\ & 26,898 \end{aligned}$ | 55,26925,872 | $\begin{aligned} & 58,595 \\ & \begin{array}{c} 27,498 \\ 30,096 \\ 1,001 \\ 1,01 \end{array} \end{aligned}$ |
|  |  |  | 23,613 | 24,318 | 23,837 | 27,123 | 26,164 | 27,893 | 2,389 | 23,929 |  |  |  |  |
|  |  |  | 24,643 | 25,053 | 25,938 | 27,232 | 28,544 | 30,096 | 24,643 | 25,053 | 25,938 | 27,232 | 28,544 |  |
| 14 |  |  | 1,366 | 975 | 1,415 | 888 | 955 | 739 | 1,245 | 1,206 |  |  |  |  |
| 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 | $\begin{array}{l\|l} -322,688 \\ -218,392 \end{array}$ |
| 16 | Goods, adjusted, excluding miltary ${ }^{2}$ | -803,239 | -187,729 | $-199,450$ <br> $-40,128$ <br> $-2,747$ | -205,518 | $\begin{array}{r} -210,542 \\ -38,253 \\ -2,727 \end{array}$ | -204,876 | -217,082 | -192,973 | -200,973 | -203,257 | -206,036 | -212,314 |  |
| 17 | Services ${ }^{3}$ $\qquad$ <br> Direct defense expenditures $\qquad$ | $\begin{array}{r} -156,634 \\ -10,861 \end{array}$ | $\begin{array}{r} -35,837 \\ -2,607 \\ \hline \end{array}$ |  | $\begin{array}{r} -42,415 \\ -2,780 \end{array}$ |  | $\begin{array}{r} -38,247 \\ -2,753 \\ \hline \end{array}$ | $\begin{array}{r} -43,993 \\ -2,800 \\ - \end{array}$ | $\left.\begin{array}{r} -38,671 \\ -2,607 \end{array} \right\rvert\,$ | $\begin{array}{r} -38,953 \\ -2,747 \end{array}$ | $\begin{array}{r} -39,345 \\ -2,780 \end{array}$ | $\begin{array}{r} -39,664 \\ -2,727 \end{array}$ | $\begin{array}{r} -41,238 \\ -2,753 \end{array}$ | $\begin{array}{r} -42,147 \\ -2,800 \end{array}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9 | Travel $\qquad$ <br> Passenger fares <br> Other transportation $\qquad$ $\qquad$ | $\begin{aligned} & -48,739 \\ & -15,766 \\ & -28,453 \end{aligned}$ | $\begin{array}{r} -10,492 \\ -3,545 \\ -1 \end{array}$ | $\begin{array}{r}-13,236 \\ -4,188 \\ -7,222 \\ \hline\end{array}$ | $\begin{array}{r} -14,321 \\ -4,406 \\ -7,300 \end{array}$ | $\begin{array}{r} -10,690 \\ -3,637 \end{array}$ | $\begin{array}{r} -10,935 \\ -3,947 \end{array}$ | $\begin{array}{r} -14,309 \\ -4,567 \end{array}$ | $\begin{gathered} -12,484 \\ -3,866 \end{gathered}$ | $-12,099$$-3,943$ | $\begin{array}{r}-11,915 \\ -3,920 \\ \hline\end{array}$ | $-12,241$$-4,053$ | $-13,018$$-4,283$ | $\begin{array}{r}-13,093 \\ -4,314 \\ \hline\end{array}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21 |  |  | -6,648 |  |  | -7,203 | -7,191 | -7,533 | -6,816 | -7,253 | -7,218 | -7,166 | -7,378 | -7,562 |
|  | Royalties and license fees ${ }^{5}$ <br> Other private services ${ }^{5}$ $\qquad$ <br> U.S. Government miscellaneous services $\qquad$ | $\begin{array}{r} -7,322 \\ -42,766 \\ -2,687 \end{array}$ | $\begin{array}{r} -1,697 \\ -10,190 \\ -658 \end{array}$ | $\begin{array}{r} -1,600 \\ -10,473 \\ -1057 \end{array}$ | $\begin{array}{r} -2,154 \\ -10,682 \\ -692 \end{array}$ | $\begin{array}{r} -1,865 \\ -11,451 \\ -680 \end{array}$ | $\begin{array}{r} -1,772 \\ -10.962 \\ -686 \end{array}$ | $\begin{array}{r} -1,892 \\ -11,618 \\ -6744 \end{array}$ | $\begin{array}{r} -1,722 \\ -10,522 \\ -658 \end{array}$ | $\begin{array}{r} -1,684 \\ -10.570 \\ -657 \end{array}$ | $\begin{array}{r} -2,144 \\ -10,676 \\ -692 \end{array}$ | $\begin{array}{r} -1,770 \\ -11,027 \\ -680 \end{array}$ | $\begin{array}{r} -1,799 \\ -11,321 \\ -686 \end{array}$ | $\begin{array}{r} -1,992 \\ -11,712 \\ -674 \\ -612 \end{array}$ |
| $\begin{aligned} & 23 \\ & 24 \\ & 24 \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Income payments on foreign assets in the United States <br> Direct investment payments $\qquad$ <br> Other private payments $\qquad$ <br> U.S. Government payments $\qquad$ | $\begin{array}{r} -203,577 \\ -30,132 \\ -100,103 \\ -71,342 \end{array}$ | $\begin{aligned} & -46,862 \\ & -6,488 \\ & -24,210 \\ & -16,164 \end{aligned}$ | $\begin{array}{r} -49,616 \\ -8,184 \\ -24,600 \\ -16,832 \end{array}$ | $\begin{array}{r} -55,556 \\ -9,95 \\ -25,158 \\ -28,493 \end{array}$ | -53,542 | $-56,895$ | $-62,469$ <br> $-10,433$ | $-47,216$$-6,642$$-24,210$ |  | -53,263 | -53,793 | -57,259 | -62,149 |
|  |  |  |  |  |  | -7,554 | -8,175 |  |  | -7,873 | -9,612 | -7,805 | -8,539 | -10,113 |
|  |  |  |  |  |  | -26,135 | -27,581 | -29,242 |  | -24,600 | -25,158 | -26,135 | -27,581 | -29,242 |
| 28 |  |  |  |  |  | -19,853 | -21,139 | -22,794 | -16,164 | -16,832 | -18,493 | -99,853 | -21,139 | -2, 294 |
| 29 | Unilateral transiers, net | -39,968 | -10,438 | -8,122 | -9,103 | -12,305 | -8,604 | -8,719 | -10,406 | -8,689 | -8,947 | -11,926 | -8,882 | -9,063 |
| 30 | U.S. Govermment grants ${ }^{4}$ | -14,933 | -4,321 | -2,423 | -2,690 | -5,499 | -2,109 | -2,255 | -4,321 | -2,423 | -2,690 | -5,499 | -2,109 | -2,255 |
|  | U.S. Government pensions and other transiers | -4,331 | -955 | -781 | -1,188 | -1,407 | -795 | -1,057 | -1,136 | -1,081 | -1,064 | -1,050 | -1,083 | -1,128 |
| 32 | Private remitancos and other transfers ${ }^{6}$........... | ,704 | -5,162 | -4,918 | -5,225 | -5,399 | -5,700 | -5,407 | -4,949 | -5,185 | -5,193 | -5,377 | -5,490 | -5,680 |
| 3 | U.S. assets abroad, net (increaselcapital outfiow (-)) | -352,444 | -72,816 | -51,161 | -78,638 | -149,829 | -130,316 | -97,395 | -70,768 | -49,698 | -77,542 | -154,436 | -127,969 | -95,492 |
|  | U.S. official reserve assets, net ${ }^{7}$ | 6,668 | 17 | -523 | 7,489 | -315 | 4,480 | -236 | 17 | -523 | 7,489 | -315 | 4,480 | -236 |
|  | Gold $\qquad$ $\qquad$ drawing | 70 | -199 | -133 | 848 | -146 |  | -133 | -199 | 33 | 848 | -146 |  | 133 |
|  | Reserve position in the International Monetary | -1,280 | -849 | -220 | -183 | -28 | 1.055 | 54 | -849 | -220 | -183 | -28 | 1,055 | 54 |
|  | Foreign currencies . | -1,58 | 109 | -170 | 6,824 | -141 | 3,353 | 57 | 1095 | -220 | 6824 | - | , 25 | -157 |
| 39 | U.S. Govermment assets, other than official rese | -690 | -210 | -358 | 162 | -284 | -21 | -238 | -210 | -358 | 162 | -284 | -21 | -238 |
|  |  | -4,930 | -1,076 | -1,489 | -1,127 | -1,238 | -1,107 | -1,572 | -1,076 | -1,489 | -1,127 | -1,238 | -1,107 |  |
| 1 | Repayments on U.S. creodis and other long-term assets ${ }^{8}$. | 4,134 | -1013 | 870 | 1,206 | 1,045 | 1,111 | 1,328 | 1,013 | 870 | 1,206 | 1,045 | 1,111 | 1,328 |
|  | U.S. foreign currency holdings and U.S. short-erm assets, | 106 |  | 61 |  | -91 | -25 |  |  | 261 | 83 |  | -25 |  |
| 43 | U.S. private assets, net | -358,422 | -72,623 | -50,280 | -86,289 | -149,230 | -134,775 | -96,921 | -70,575 | -48,817 | -85,193 | -153,837 | -132,428 | -95,018 |
|  | Direct investment | -87,813 | -24,258 | -25,097 | -12,200 | -26,258 | -28,773 | -30,984 | -22,210 | -23,634 | -11,104 | -30,865 | -26,426 | -29,081 |
| 45 | Foreign securities , ....e............................................. | -108,189 | -34,455 | -20,328 | -23,206 | -30,200 | -14,510 | $-21,325$ | -34,455 | -20,328 | $-23,206$ | -30,200 | -14,510 | -21,325 |
| 46 47 | U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns $\qquad$ U.S. claims reported by U.S. banks, not included elsewhere | $\begin{aligned} & -64,234 \\ & -98,186 \\ & -98 \end{aligned}$ | $\left.\begin{array}{r} -15,778 \\ 1,868 \end{array}\right\}$ | $\begin{array}{r} -5,047 \\ 192 \end{array}$ | $\begin{gathered} -17,294 \\ 33,589 \end{gathered}$ | $\begin{aligned} & -26,115 \\ & -66,657 \end{aligned}$ | $\begin{aligned} & -29,466 \\ & -62,026 \end{aligned}$ | $\begin{aligned} & -15,000 \\ & -29,612 \end{aligned}$ | $\begin{array}{r} -15,778 \\ 1,868 \end{array}$ | $\begin{array}{r} -5,047 \\ 192 \end{array}$ | $\begin{aligned} & -17,294 \\ & -33,589 \end{aligned}$ | $\begin{aligned} & -26,115 \\ & -66,657 \end{aligned}$ | $\begin{aligned} & -29,466 \\ & -62,026 \end{aligned}$ | $\begin{aligned} & -15,000 \\ & -29,612 \end{aligned}$ |
| 48 | Forelgn assets in the United States, net (increaselcaphtal Inflow (t)) .... | 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 |
|  | Foreign official assets in the United States, net | 122,354 | 52,014 | 13.154 | 24,089 | 33,097 | 28,891 | -3,719 | 52,014 | 13,154 | 24,099 | 33,097 | 28,891 | -3,719 |
|  | U.S. Govemment securities | 115,634 | 55,652 | -2,125 | 26,689 | 35,418 | 23,940 | -7,800 | 55,652 | -2,125 | 26,689 | 35,418 | 23,940 | -7,800 |
| 51 | U.S. Treasury securties | 111,253 | 55,600 | -3,383 | 25,472 | 33,564 | 23,289 | -8,444 | 55,600 | -3,383 | 25,472 | 33,564 | 23,289 | -0,444 |
|  | Other ${ }^{10}$ | 4,381 |  | 1,258 | 1,217 | 1,854 | 654 | 644 | 5 | 1,258 | 1,217 | 1,854 | 651 | 644 |
|  | Other U.S. Government liabilities ${ }^{11}$ | 720 | -143 | -204 | 907 | 160 | 478 | 804 | -143 | -204 | 907 | 16 | 478 | 804 |
|  | U.S. liabilities reported by U.S. banks, not included eisewhere | 4,722 | -3,284 | 14,198 | -1,922 | -4,270 | 7,698 | 2,346 | -3,284 | 14,198 | -1,922 | $-4,270$ | 7,698 | 2,346 |
| 55 | Other foreign official assets ${ }^{12}$ | 1,278 | -211 | 1,285 | -1,585 | 1,789 | -3,22 | 931 | 211 | 1,285 | -1,585 | 1.789 | -3,225 | 931 |
|  | Other foreign assets in the United Sta | 425,201 | 36,004 | 93,414 |  |  | 153,087 |  |  |  |  |  | 153,347 |  |
|  | Direct investment | 76,955 | 15,662 | 17,894 | 26,679 | 16,820 | 30,381 | 29,320 | 15,877 | 17,440 | 25,977 | 17,661 | 30,641 | 28,872 |
| 58 | U.S. Treasury securities and U.S. currency flows. | 172,878 | 10,602 | ${ }^{36,152}$ | 50,798 | 75,326 | 51,289 | 50,816 | 10,602 | 36,152 | 50,798 | 75,326 | 51,289 | 50,816 |
|  | U.S. securrites 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 |
|  | U.S. liabilities to unafililited foreigners reported by U.S. |  |  |  | 20,610 | -2,912 | 15,210 |  |  | 7,288 | 20,610 | -2,912 | 15.210 |  |
| 61 |  | 9,784 | -33,535 | 2,319 | 2,040 | 38,960 | 17,387 | 27,143 | -33,535 | 2,319 | 2,040 | 38,960 | 17,387 | 27,143 |
| 62 | Allocations of speclal drawing rights |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 63 63 | Statistical discrepancy (sum of above items with sign reversed) $\qquad$ Of which seasonal adjustment discrepancy $\qquad$ | -46,927 | 9,191 | -19,755 | -30,424 | -5,938 | -21,356 | -15,359 | $\begin{array}{r} 15,419 \\ 6,228 \end{array}$ | $\begin{array}{r} -20,831 \\ -1,076 \end{array}$ | $\begin{array}{r} -38,254 \\ -7,830 \end{array}$ | $-3,269$ 2,669 | $\begin{array}{r} -84,297 \\ 7,059 \end{array}$ | $\begin{array}{r} -17,127 \\ -1,768 \end{array}$ |
|  | Memoranda: |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Balance on goods (lines 2 and 16).7. | -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 |  | 21,594 | 17,574 | 18,386 | 19,783 | 19,977 | 21,992 | 20,437 | 20,490 |
| 67 | Balance on goods and senvices (lines 64 and 65) ... | -111,040 | -16,715 | -28,259 | $-38,699$ $-2,367$ | $-27,367$ 1,701 | $-20,470$ $-1,232$ | $-26,882$ <br> $-3,741$ | $-24,539$ 2,061 | $-27,779$ 883 | -32,516 | $\begin{array}{r}-26,198 \\ \hline 1250\end{array}$ | $-29,300$ $-1,090$ | ${ }_{-26,413}^{-354}$ |
|  | Balance on investment income (lines 11 and 25) .............................. | 2,824 | 2,760 | 729 | -2,367 | 1,701 | -1,232 | -3,741 | 2,061 | 883 | -1,370 | 1,250 | -1,990 | -3,554 |
|  | $67)^{13}$ $\qquad$ | -108,216 |  | -27,530 | -41,066 | $-25,66$ | -21,702 | -30,623 | -22,478 | -26,896 | -33,886 | -24,948 | -31,290 | -29,967 |
| 69 | Unilateral transters, net (line 29) | -79,968 | -10,438 | -8,122 | -9,103 | -12,305 | -8,604 | -8,719 | -10,406 | -8,689 | -8,947 | -11,926 | 8,682 | -9,063 |
| 70 | Balance on current account (lines 1, 15, and 29 or lines 68 and 69$)^{13}$...... | -148,184 | -24,393 | -35,652 | -50,169 | -37,971 | -30,306 | -39,342 | -32,884 | -35,585 | -42,833 | -36,874 | -39,972 | -39,030 |

See footnotes to table F.3.

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


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

| Line | $(\text { Credits }+ \text { debits } \boldsymbol{-})^{1}$ | Eastern Europe |  |  | Canada |  |  | Latin America and Other Westem Hemisphere |  |  | Japan |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1996 <br> IV | 1997 |  | $\begin{gathered} 1996 \\ \hline \text { IV } \end{gathered}$ | 1997 |  |  |  |  | 1996 | 1997 |  |
|  |  |  |  |  | 1996 |  |  | 1997 |  |  |  |  |
|  |  |  | ${ }^{\prime}$ | $\\| p$ |  | $1 r$ | $\\| p$ | IV | $1 r$ | \|| ${ }^{\text {P }}$ | IV | ${ }^{\prime}$ | $\\| P$ |
| 1 | Exports of goods, services, and Income ................................................. | 3,199 | 3,108 | 3,416 |  | 44,070 | 47,188 | 49,229 | 51,614 | 51,153 | 55,221 | 27,407 | 28,710 | 28,370 |
| 2 | Goods, adjusted, excluding military ${ }^{2}$ $\qquad$ | 2,004 | 1,811 | 2,116 | 34,674 | 36,823 | 38,901 | 30,000 | 29,516 | 32,454 | 16,181 | 16,448 | 16;639 |
| 3 <br> 4 | Services ${ }^{3}$ $\qquad$ <br> Transters under U.S. military agency sales contracts ${ }^{4}$ $\qquad$ |  | $\begin{array}{r} 881 \\ 96 \end{array}$ | $\begin{array}{r} 860 \\ 78 \end{array}$ | $\begin{array}{r} 4,754 \\ 18 \end{array}$ | $\begin{array}{r} 5,448 \\ 24 \end{array}$ | $\begin{array}{r} 5,318 \\ 23 \end{array}$ | $\begin{array}{r} 9,173 \\ 99 \end{array}$ | $\begin{array}{r} 8,905 \\ 114 \end{array}$ | $\begin{array}{r} 8,823 \\ 96 \end{array}$ | $\begin{array}{r} 8,856 \\ 96 \end{array}$ | $\begin{array}{r} 9,753 \\ 156 \end{array}$ | $\begin{array}{r} 9,196 \\ 99 \end{array}$ |
| 5 | Travel $\qquad$ <br> Passenger fares <br> Other transportation $\qquad$ | 20735148 | 1732099 | $\begin{array}{r} 221 \\ 21 \\ 108 \end{array}$ | 1,359327732 | 1,954 <br> 327 <br> 726 | 1,840307774 | $\begin{aligned} & 3,833 \\ & 1,028 \end{aligned}$ | 3,543979849 | 3,472961926 | 3,214 <br> 1,380 <br> 846 | 3,4861,743 | 3,152 |
| 6 |  |  |  |  |  |  |  |  |  |  |  |  | 1,561 |
| 7 |  |  |  |  |  |  |  | , 897 |  |  |  | 774 | 829 |
| 8 | Royalites and license fees ${ }^{5}$ $\qquad$ <br> Other private services ${ }^{5}$ <br> U.S. Government miscellaneous services $\qquad$ | $\begin{array}{r} 38 \\ 373 \\ 11 \end{array}$ | $\begin{array}{r} 42 \\ 442 \\ 9 \end{array}$ | $\begin{array}{r} 44 \\ 378 \\ 10 \end{array}$ | $\begin{array}{r} 365 \\ 1,936 \\ 17 \end{array}$ | $\begin{array}{r} 343 \\ 2,056 \\ 17 \end{array}$ | $\begin{array}{r} 354 \\ 2,004 \\ 16 \end{array}$ | $\begin{array}{r} 396 \\ 2,887 \\ 33 \end{array}$ | $\begin{array}{r} 362 \\ 3,019 \\ 39 \end{array}$ | $\begin{array}{r} 386 \\ 2,949 \\ 33 \end{array}$ | $\begin{array}{r} 1,406 \\ 1,886 \\ 28 \end{array}$ | $\begin{array}{r} 1,445 \\ 2,135 \\ 14 \end{array}$ | $\begin{array}{r} 1,590 \\ 1,953 \\ 12 \end{array}$ |
| 9 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 | Income receipts on U.S. assets abroad $\qquad$ <br> Direct investment receipts $\qquad$ <br> Other private receipts $\qquad$ <br> U.S. Government receipts $\qquad$ | $\begin{array}{r} 296 \\ 143 \\ 89 \\ 64 \end{array}$ | $\begin{array}{r} 416 \\ 247 \\ 100 \\ 69 \end{array}$ | $\begin{array}{r} 440 \\ 297 \\ 107 \\ 36 \end{array}$ | $\begin{aligned} & 4,642 \\ & 2,360 \\ & 2,282 \end{aligned}$ | $\begin{aligned} & 4,917 \\ & 2,581 \\ & 2,336 \end{aligned}$ | $\begin{aligned} & 5,010 \\ & 2,550 \\ & 2,460 \end{aligned}$ | 12,441 4,445 7,842 154 | $\begin{array}{r} 12,732 \\ 4,192 \\ 8,401 \\ 139 \end{array}$ | $\begin{array}{r} 13,944 \\ 5,034 \\ 8,843 \end{array}$ | $\begin{array}{r} 2,370 \\ 946 \\ 1,488 \\ 6 \end{array}$ | $\begin{array}{r} 2,509 \\ 1,103 \\ 1,399 \\ 7 \end{array}$ | $\begin{array}{r} 2,536 \\ 1,140 \\ 1,384 \\ 12 \end{array}$ |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 | Imports of goods, services, and Income ................................................... | -3,133 | -2,792 | -3,170 | $-46,150$ | -47,506 | -50,064 | $\begin{aligned} & -51,207 \\ & -33,372 \end{aligned}$ | -51,733 | -54,856 | -41,364 | -41,415 | -41,768 |
| 16 |  Services ${ }^{3}$ | -2,182 | -1,864 | -2,010 | -40,678 | -42,004 | -43,410 |  | -32,831 | -34,957 | -30,012 | -30,096 | -29,347 |
| $\begin{aligned} & 17 \\ & 18 \end{aligned}$ | Services ${ }^{3}$ $\qquad$ Direct defense expenditures $\qquad$ | $\begin{aligned} & -611 \\ & -114 \end{aligned}$ | $\begin{array}{r} -580 \\ -79 \end{array}$ | $\begin{aligned} & -783 \\ & -100 \end{aligned}$ | $\begin{array}{r} -3,143 \\ -11 \end{array}$ | $\begin{array}{r} -3,009 \\ -18 \end{array}$ | $\begin{array}{r} -3,754 \\ -15 \end{array}$ | $\begin{array}{r} -7,826 \\ -79 \end{array}$ | $\begin{array}{r} -8,081 \\ -85 \end{array}$ | $\begin{array}{r} -8,349 \\ -85 \end{array}$ | $\begin{array}{r} -3,567 \\ -267 \end{array}$ | $\begin{array}{r} -3,548 \\ -257 \end{array}$ | $\begin{array}{r} -3,756 \\ -275 \end{array}$ |
| 19 | Travel <br> Passenger fares <br> Other transportation | $\begin{array}{r} -190 \\ -49 \\ -97 \end{array}$ | $\begin{array}{r} -212 \\ -52 \\ -80 \end{array}$ | $\begin{aligned} & -342 \\ & -99 \\ & -78 \end{aligned}$ | $\begin{array}{r} -756 \\ -91 \\ -911 \end{array}$ | $\begin{array}{r} -619 \\ -62 \\ -925 \end{array}$ | $\begin{array}{r} -1,237 \\ -121 \\ -1,001 \end{array}$ | $\begin{array}{r} -3,426 \\ -611 \\ -522 \end{array}$ | $\begin{array}{r} -3,713 \\ -742 \\ -589 \end{array}$ | $\begin{array}{r} -3,735 \\ -630 \\ -640 \end{array}$ | $\begin{array}{r} -783 \\ -160 \\ -1,057 \end{array}$ | $\begin{aligned} & -790 \\ & -190 \\ & -982 \end{aligned}$ | $\begin{array}{r} -875 \\ -187 \\ -1,031 \end{array}$ |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22 | Royalties and license fees ${ }^{5}$ <br> Other private services ${ }^{5}$ <br> U.S. Government miscellaneous services | $\begin{array}{r} -4 \\ -147 \\ -10 \end{array}$ | $\begin{array}{r} -2 \\ -142 \\ -14 \end{array}$ | $\begin{array}{r} -2 \\ -150 \\ -13 \end{array}$ | $\begin{array}{r} -56 \\ -1,290 \\ -28 \end{array}$ | $\begin{array}{r} -59 \\ -1,275 \\ -32 \end{array}$ | $\begin{array}{r} -59 \\ -1,291 \end{array}$ | -26 $-3,057$ | -28 $-2,815$ | -3,117 | -318 -956 | -326 -978 | - $\begin{array}{r}-312 \\ -1,052\end{array}$ |
| 24 |  |  |  |  |  |  | $-30$ | -106 | -110 | -109 | -25 | -24 | -24 |
| 25 | Income payments on foreign assets in the United States | -341 | -348 | -377 | -2,329 | -2,493 | -2,900 | -10,008 | -10,821 | -11,550 | -7,786 | -7,771 | -8,665 |
| 26 | Direct investment payments .................................... | ( ${ }^{+}$ | -3 | 6 | -578 | -685 | -972 | -249 | -351 | -475 | -1,325 | -1,016 | -1,332 |
| 27 | Other private payments ..... | -107 | -99 | -99 | -1,189 | -1,279 | -1,378 | -7,324 | -7,668 | -8,238 | -1,526 | -1,610 | -1,733 |
| 28 | U.S. Government payments | -234 | -246 | -283 | -562 | -529 | -550 | -2,435 | -2,802 | -2,837 | -4,935 | -5,145 | -5,600 |
| 29 | Unllateral transfers, net . | -737 | -653 | -653 | -78 | -102 | -91 | -2,685 | -2,627 | -2,681 | -11 | -66 | -23 |
| 30 | U.S. Government grants ${ }^{4}$... | -420 | -292 | -326 | -10 | -1..... |  | -370 | -276 | -327 | -1... |  |  |
| 31 | U.S. Government pensions and other transfers ............................................ | -99 | -9 | -99 | -104 | -101 | -118 | -185 | -140 | -157 | -21 | -22 | -21 |
| 32 | Private remittances and other transfers ${ }^{6}$.................................................. | -308 | -352 | -318 | 23 | -1 | 27 | -2,130 | -2,211 | -2,197 | 10 | -44 | -2 |
| 33 | U.S. assets abroad, net (increaselcaple | -835 | -3,738 | 745 | -13,065 | -12,332 | -6,383 | -45,953 | -13,440 | -56,274 | -8,701 | -2,623 | -11,555 |
| 34 | U.S. official reserve assets, net ${ }^{7}$ | ......... | ..........." | ............ | ..... | ............... | ............... | ............... | 3,500 | ............... | -32 | 49 | -18 |
| 35 | Gold ................................................................................................... | ........... | ............ | .............. | .............. | ............... | .............. | .............. | .............. | .............. | .............. | .............. | ............... |
| 36 | Special drawing rights .................................................................. | .............. | .............. | ............... | ............... | ............... | ............... | .............. | ............... | .............. | ............... | ............... | ............... |
| 37 | Reserve position in the international Monetary Fund ................................ | .............. | ............. | ............ | ............. | .............. | .............. | .............. |  | .............. |  |  | -18 |
| 38 | Foreign currencies ........................................................................... | .......... | ........" | ........... |  | ............ |  | .............. | 3,500 | ............ | -32 | 49 | -18 |
| 39 | U.S. Government assets, other than official reserve assets, net | -118 | 11 | -14 | 1 | -1 | .............. | 55 | 106 | 218 | -12 | 8 | 2 |
| 40 | U.S. credits and other long-term assets ............................................. | -31 | -28 | -328 | ............... | .... | .............. | -285 | -270 | -203 | .............. | ............ | ............." |
| 41 | Repayments on U.S. credits and other long-term assets ${ }^{8}$ $\qquad$ U.S. foreign currency holdings and U.S. short-term assets, net $\qquad$ | 9 -96 | 27 12 | 314 | 1 | -1 | .............. | 349 -9 | 386 -10 | 421 | -12 | 8 | $\cdots . . . . . . . . . . .$. |
| 43 | U.S. private assets, net ....................................................................... | -717 | -3,749 | 759 | -13,066 | -12,331 | -6,383 | -46,008 | -17,046 | -56,492 | -8,657 | -2,680 | -11,539 |
| 44 | Direct investment .......................................................................................................................... | -255 | -748 | -558 | -2,342 | -2,563 | -2,800 | -3,053 | -4,657 | -6,282 | -148 | -1,045 | -890 |
| 45 | Foreign securties .......................................................................... | 141 | -85 | -577 | -3,581 | 2,300 | -2,428 | 2,269 | -6,992 | -9,987 | 2,297 | -3,258 | -10,150 |
| 46 | U.S. claims on unafililated foreigners reported by U.S. nonbanking concerns | 4 | 38 |  |  |  |  |  |  |  |  |  |  |
| 47 | U.S. claims reported by U.S. banks, not included elsewhere .......................... | -607 | -2,954 | 1,894 | -2,929 | -12,749 | -1,155 | -34,962 | $\begin{array}{r}-13,884 \\ \hline 8,48\end{array}$ | $\begin{aligned} & -10,100 \\ & -25,223 \end{aligned}$ | -10,625 | 1,468 | -499 |
| 48 | Foreign assets In the United States, net (increase/capital Inflow (t)) ........... | 4,777 | 1,180 | 4,600 | 9,235 | 3,906 | 5,729 | 66,402 | 7,023 | 29,243 | 13,627 | 26,740 | 25,922 |
| 49 | Foreign official assets in the United States, net. |  |  |  |  |  |  |  |  |  |  | ${ }^{18}{ }^{8}$ |  |
| 50 | U.S. Government securites ............................................................................................. | (18) | $(18)$ | (18) | $\left({ }^{17}\right.$ | $(17)$ | $(17)$ | (18) | (18) | $(18)$ | $(18)$ | $(18)$ | (18) |
| 51 | U.S. Treasury securites ${ }^{\text {a }}$............................................................ | (18) | ${ }^{18}$ | $(18)$ | $(17)$ | $(17)$ | 17 | $(18)$ | $(18)$ | $(18)$ | $(18)$ | $(18)$ | (18) |
| 52 | Other ${ }^{10}$.......................... | $\left.{ }^{18}\right)$ | $\left({ }^{18}\right)$ | ${ }^{18}$ | $\left({ }^{17}\right)$ | ${ }^{17}$ | (17) | (18) | $\left({ }^{18}\right)$ | $\left({ }^{18}\right)$ | $\left({ }^{18}\right)$ | $\left({ }^{18}\right)^{\text {a }}$ | $\left({ }^{18}\right)$ |
| 53 | Other U.S. Government liabilities ${ }^{11}$................ | -1 | -22 | ${ }^{18}$ | 11 | 28 | $-10$ | -4 | 58 | 11 | - 314 | -154 | 427 |
| 54 | U.S. liabilities reported by U.S. banks, not inclu | (18) | $(18)$ | ${ }^{(18)}$ | (17) | (17) | $(17)$ | $\left({ }^{18}\right)$ | (18) | $\left({ }^{18}\right)$ | ${ }^{(18)}$ | $\left({ }^{18}\right)$ | $\left({ }^{18}\right)$ |
| 55 | Other foreign official assets ${ }^{12}$..................... | (18) | $\left.{ }^{18}\right)$ | (18) | (17) | (17) | (17) | $\left({ }^{18}\right)$ | $\left({ }^{18}\right)$ | (18) | $\left({ }^{18}\right)$ | $\left({ }^{18}\right)$ | $\left({ }^{18}\right)$ |
| 56 | Other foreign assets in the United States, net | $\left.{ }^{18}\right)$ | $\left.{ }^{18}\right)$ | $\left.{ }^{18}\right)$ | 9,232 | 3,224 | 7,159 | $\left.{ }^{18}\right)$ | $\left({ }^{18}\right)$ | (18) | $\left.{ }^{18}\right)$ | $\left.{ }^{18}\right)$ | $\left.{ }^{18}\right)$ |
| 57 | Direct investment ............................................................................ | 56 | -217 | 78 | 3,800 | 2,034 | 1,611 | -1,860 | 443 | 1,514 | 3,747 | 1,219 | 2,156 |
| 58 | U.S. Treasury securities and U.S. currency flows ... | $\left.{ }^{18}\right)$ | $\left({ }^{18}\right)$ | $\left({ }^{18}\right)$ | ${ }^{17}$ | ${ }^{17}$ ) | (17) | ${ }^{(18)}$ | $\left({ }^{18}\right)$ | (18) | $\left({ }^{18}\right)$ | $\left.{ }^{18}\right)$ | (18) |
| 59 | U.S. securities other than U.S. Treasury securities | -44 | -33 | 99 | 2,384 | 2,924 | 977 | 7,902 | 192 | 8.735 | 4,069 | 999 | 7.402 |
| 60 | U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns |  |  |  | 487 | -1,038 |  | -5,291 | 2,469 | -3,000 | -449 | -111 |  |
| 61 | U.S. liabilities reported by U.S. banks, not included elsewhere .................................................................... | 184,717 | 181,419 | ${ }^{18} 4,422$ | (17) | 17 | (i7) | ${ }^{18} 65,655$ | ${ }^{18} 3,861$ | ${ }^{18} 21,983$ | ${ }^{18} 6,394$ | ${ }^{18} 24,787$ | ${ }^{18} 15,937$ |
| 62 | Allocations of special drawing rights ....................................................... |  |  |  |  |  |  |  |  |  |  |  | ............... |
| 63 | Statistical discrepancy, and transfers of funds between foreign areas, net (sum of above items with sign reversed) $\qquad$ | -3,271 | 2,896 | -4,939 | 5,987 | 8,847 | 1,581 | -18,172 | 9,623 | 29,348 | 9,043 | -11,346 | -946 |
|  | Memoranda: |  |  |  |  |  |  |  |  |  |  |  |  |
| 64 | Balance on goods (lines 2 and 16)... | -178 | -53 | 106 | -6,004 | -5,181 | -4,509 | -3,372 | -3,315 | -2,503 | -13,831 | -13,648 | -12,708 |
| 65 | Balance on services (lines 3 and 17). | 288 | 301 | 77 | 1,661 | 2,439 | 1,564 | 1,347 | 824 | 474 | 5,289 | 6,206 | 5,439 |
| 66 | Balance on goods and services (lines 64 and 65) ........................................ | 110 | 248 | 183 | -4,393 | -2,742 | -2,945 | -2,025 | -2,491 | -2,029 | -8,542 | -7,442 | -7,269 |
| 67 | Balance on investment income (lines 11 and 25) ......................................... | -45 | 68 | 64 | 2,313 | 2,424 | 2,110 | 2,433 | 1,911 | 2,395 | -5,416 | -5,262 | -6,129 |
| 68 | Baiance on goods, services, and income (lines 1 and 15 or lines 66 and 67) ${ }^{13}$ | 66 | 315 | 247 | -2,080 | -319 | -836 | 408 | -580 | 365 | -13,958 | -12,705 | -13,398 |
| 69 | Unilateral transfers, net (line 29) ............................................................. | -737 | -653 | -653 | -78 | -102 | -91 | -2,685 | -2,627 | -2,681 | -11 | -66 | -23 |
| 70 | Balance on current account (lines 1, 15, and 29 or lines 68 and 69) ${ }^{13}$........... | -672 | -338 | -407 | -2,158 | -421 | -927 | -2,277 | -3,207 | $-2,316$ | -13,969 | -12,771 | -13,421 |

8. Includes sales of foreign obligations to foreigners.
9. Consists of bills, certificates, marketable bonds and notes, and nonmarketable convertible and nonconvertible bonds and notes.
10. Consists of U.S. Treasury and Export-Import Bank obligations, not included elsewhere, and of debt securities of U.S. Government corporations and agencies.
11. Includes, primarily, U.S. Government liabilities associated with military agency sales contracts and other trans-
actions arranged with or through foreign ofricial 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 cariers and private noninsured pension plans. A reconciliation of by financial pension plans except life insurance carriers and private noninsured pension plans. A reconciliation of 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]

14. The "European Union" includes the "European Union (6)," United Kingdom, Denmark, Ireland, Greece, Spain, and Portugai. 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 Reoublic (East Germany beginning in the fouth quarter of 1990), Haly, Luxembourg. Nethentands, European Atomic
Energy Community, European Coal and Steel Community, and European Investment Bank.
16. Incudes, as part of international and unallocated, the estimated direct investment in foreign affiliates engaged in international shipping, in operating oil and gas driling equipment internationally, and in petroleum trading. Also
includes taxes withhedid; current-cost adjustments associated with U.S. and foreign direct investment; small transactions in business services th
17. Details not shown separately; see totals in lines 49 and 56 .
18. Details not shown sepparately are induded 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 SUFVEY of CURRENT Business, which presents the most recent essimates from the balance of payments accounts.

Table F.4.-Private Service Transactions
[Mililions of dollars]

| Line |  | 1995 | 1996 | Seasonally adjusted |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 1996 |  |  |  | 1997 |  |
|  |  |  |  | 1 | 11 | III | N | 1 r | \#P |
|  | Exports of private services | 204,165 | 221,224 | 53,676 | 54,588 | 55,540 | 57,427 | 58,332 | 58,865 |
|  | Travel (table F.2, line 5) | $\begin{aligned} & 69,395 \\ & 1,9,125 \end{aligned}$ | $\begin{aligned} & 69,908 \\ & 20,557 \end{aligned}$ | $\begin{aligned} & 16,712 \\ & 5,087 \end{aligned}$ | $\begin{gathered} 17,356 \\ 4.952 \end{gathered}$ | $\begin{aligned} & 17,659 \\ & 5.237 \end{aligned}$ | $\begin{gathered} 18,183 \\ 5,282 \end{gathered}$ | $\left.\begin{gathered} 18,556 \\ 5,319 \end{gathered} \right\rvert\,$ | 18,091 |
|  | Other transporation (table F .2 , line 7 ) $\ldots$....................................................... | 27,412 | 27,216 | 6,555 | 6,805 | 6,716 | 7,142 | 6,999 | 7,139 |
|  | Freight | 11,420 | 11,161 | 2,649 | 2,823 | 2,747 | 2,941 | 2,909 | 2,953 |
|  | Port services ........ | 14,810 | 14,691 | 3,565 | 3,639 | 3,625 | 3,861 | 3,720 | 3,817 |
|  | Other ......... | 1,184 | 1,364 | 340 | 342 | 343 | 339 | 370 | 369 |
|  | Royalies and license fees (table F.2, line 8) ...... | 27,383 | 29,974 | 7,432 | 7,345 | 7,495 | 7,703 | 7,699 | 7,935 |
|  | Affiliated, | 21,670 | ${ }^{23,760}$ | 5,927 | 5,814 | 5,929 | 6,091 |  | 6,228 |
|  | U.S. parent's' receipts | 20,210 | 21,916 | 5,531 | 5,436 | 5,505 | 5,445 | 5,761 | 5,779 |
|  | U.S. affiliates' receipts .. | 1,460 | 1,844 | 396 | 378 | 424 | 646 | 272 | 449 |
|  | Unatfiliated | 5,713 | 6,214 | 1,505 | 1,531 | 1,566 | 1,612 | 1,666 | 1,707 |
|  | Industrial processes ${ }^{1}$. | 3,583 | 3,979 | 956 | 978 | 1,006 | 1,040 | 1,080 | 1,109 |
|  | Other ${ }^{2}$............................................... | 2,131 | 2,235 | 549 | 554 | 560 | 573 | 587 | 598 |
|  | Other private services (table F.2, line 9) | 66,850 | 73,569 | 17,890 | 18,130 | 18,433 | 19,117 | 19,759 | 20,392 |
|  | Affluated senvices, | 20,272 | 22, 11.76 | 3,023 | 5,5120 | 5, ${ }^{\text {510 }}$ | 3,440 | 0,103 | - 6,403 |
|  | U.S. affiliates ' receipts | 7,477 | 9,047 | 3,129 2,129 | 3,142 2,142 | ${ }_{2}{ }^{3}, 367$ | 2,409 | 2,481 | 2,684 |
|  | Unafifilated services .... | 46,578 | 50,759 | 12,267 | 12,569 | 12,656 | 13,277 | 13,666 | 13,989 |
|  | Education. | 7,512 | 7,807 | 1,916 | 1,938 | 1,998 | 1,955 | 1,992 | 2,009 |
|  | Financial serrices | 7,029 | 8.034 | 1,847 | 1,938 | 1,925 | 2,325 | 2,259 | 2,329 |
|  | Insurance, net | 1,390 | 2,121 | 450 | 513 | 567 | 597 | 620 | 637 |
|  | Premiums received | 5,524 | 6,179 4058 | $\begin{array}{r}1,480 \\ 1,030 \\ \hline\end{array}$ | 1,511 | 1,006 | 1,609 | 1,650 | +1,044 |
|  | Telecommunications | 3,183 | 3,405 | 863 | 854 | 838 | ${ }^{850}$ | 845 | 849 |
|  | Business, protessional, and technical services .. | 17,765 | 19,247 | 4,681 | 4,734 | 4,847 | 4,985 | 5,287 | 5,547 |
|  | Other unafiliated services ${ }^{3}$ | 9,699 | 10,145 | 2,510 | 2,583 | 2,486 | 2,565 | 2,654 | 2,618 |
| 28 | Imports of private services | 134,523 | 143,086 | 35,406 | 35,549 | 35,873 | 36,257 | 37,800 | 38,673 |
|  | Travel (table F.2, line 19)..... | 46,053 | 48,739 | 12,484 | 12,099 | 11,915 | 12,241 | 13,018 | 13,093 |
|  | Passenger fares (table F2, line 20) | 14,433 |  | 3,860 | 3,943 | 3,920 | 4,053 | 4,283 |  |
|  | Other transportation (table F.2, line 21). Freight | 28,249 16,759 | 28,453 <br> 16,87 <br> 18 | 6,816 <br> 4,025 | 7,253 <br> 4,414 | 7,218 4,312 | 7,166 4,130 | 7,378 <br> 4,318 | 7,562 4.650 |
|  | Port services ................................ | 10,579 | 10,792 | 2,598 | 2,647 | 2,709 | 2,838 | 2,845 | 2,706 |
|  | er | 911 | 783 | 193 | 193 | 198 | 199 | 214 | 206 |
| 35 | Royatios and license fees (table F.2, line 22) | 6,503 | 7,322 | 1,724 | 1,684 | 2,144 | 1,770 | 1,799 | 1,992 |
| 36 | Affiliated, | 5.128 | 5,301 | 1,358 | 1,304 | 1,264 | 1,376 | 1,403 | 1,597 |
| 37 | U.S. parents' payments | 448 | 554 | 117 | 137 | ${ }^{136}$ | 164 | 156 | 164 |
| 38 | U.S. affiliates' payments ... | 4,680 | 4,748 | 1,241 | 1,167 | 1,128 | 1,212 | 1,248 | 1,433 |
| 析 | Unatitialed | 1,373 | 1,021 | ${ }^{366}$ | 880 | 88 | 392 | ${ }^{29}$ | 235 |
| 41 |  | 411 | +1,895 | $\stackrel{29}{99}$ | 101 | 592 | ${ }_{103}^{29}$ | 106 | 105 |
|  | Other private sevices (table F.2, line 23) | 39,285 | 42,796 | 10,522 | 10,570 | 10,676 | 11,027 | 11,321 | 11,712 |
| 43 | Affliated services, | 13,597 | 16,026 | 3,877 | 3,945 | 4,073 | 4,130 |  | 4,28 |
|  | U.S. parents' payments | 6,820 | 7,505 | 1,914 | 1,788 | 1,935 | 1,867 | 1,973 | 2,034 |
|  | U.S. atililiates' payments | 6,777 | 8,521 | 1,963 | 2,157 | 2,138 | 2,263 | 2,249 | 2,250 |
| 46 | Unatfiniated senvices. | 25,689 | 26,770 | 6,645 | 6,625 | 6,603 | 6,897 | 7,099 | 7,428 |
|  | Education | 949 | 1,041 | 253 | ${ }^{256}$ | 262 | ${ }^{269}$ | 275 | 278 |
|  | Financial serrices | 2,472 | 3,184 | 774 | 781 | 769 | 859 | 888 | 1,069 |
|  | Insurance, net | 5,363 | 4,387 | 1,188 | 1,089 | 1,047 | 1,064 | 1,139 | 1,195 |
| 5 | Premiums paid | 15,187 | 15,473 | 3,816 | 3,833 | 3,877 | 3,947 | 4,046 | 4,119 |
|  | Losses recovered | 9,804 | 11,086 | 2,629 | 2,745 | 2,830 | 2,884 | 2,907 | 2,924 |
| 52535454 | Telecommunications | 7,773 | 8,385 | 2,127 | 2,103 | 2,066 | 2,089 | 2,076 | 2,089 |
|  | Business, professional, and technical sevices ...... | 4,691 | 5,253 | 1,234 | 1,278 | 1,335 | 1,406 | 1,540 | 1,612 |
|  |  | 4,420 | 4,520 | 1,070 | 1,119 | 1,122 | 1,210 | 1,180 | 1,186 |
|  | Memoranda: |  |  |  |  |  |  |  |  |
|  | Balance on goods (table F.2, line 64). | -173,560 | -191,170 | -42,925 | -47,562 | -52,493 | -48,190 | -49,787 | -46,903 |
|  | Balance on private services (ine 1 minus line 28) |  | 78,138 | 18,270 | 19,039 | 19,667 | 21,170 | 20,532 | 20,192 |
|  | Balance on goods and private services (lines 56 and 56) ................... | -103,918 | -133,032 | -24,655 | -28,523 | -32,826 | -27,020 | -29,255 | -26,711 |

[^69]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 $1997^{\prime \prime}$ in the October 1997 issue of the SURVEY OF CURRENT BUSINESS, which presents the most recent estimates from the balance of payments accounts.

## G. Investment Tables

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

| Line | Type of investment | Position 1995 r | Changes in position in 1996 (decrease (-)) |  |  |  |  | Position 1996 ${ }^{P}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Attributable to: |  |  |  | Total |  |
|  |  |  | Capital flows | Valuation adjustments |  |  |  |  |
|  |  |  |  | Price changes <br> (b) | Exchange rate changes ${ }^{1}$ <br> (c) | Other changes ${ }^{2}$ <br> (d) |  |  |
|  | Net international investment position of the United States: |  |  |  |  |  |  |  |
|  | With direct investment positions at current cost (line 3 less line 24)... | $-687,702$ | $-195,111$ | 32,038 | $-22,195$ | 2,446 | -182,822 |  |
| 2 | With direct investment positions at market value (line 4 less line 25) | $-637,480$ | $-195,111$ | $39,063$ | $-46,339$ | 8,564 | -193,823 | $-831,303$ |
|  | U.S. assets abroad: |  |  |  |  |  |  |  |
|  | With direct investment positions at current cost (lines 5+10+15) ..... | 3,272,731 | 352,444 | 121,367 | -21,849 | -3,964 | 447,998 | 3,720,729 |
| 4 | With direct investment positions at market value (lines $5+10+16$ ) ..... | 3,700,432 | 352,444 | 267,858 | -45,567 | 9,373 | 584,108 | 4,284,540 |
| 5 | U.S. official reserve assets .................................................................. | 176,061 | -6,668 | 3-4,581 | -4,073 |  | -15,322 | 160,739 |
| 6 | Gold ................................................................................... | 101,279 |  | ${ }^{3}-4,581$ |  | -4,581 | 96,698 -725 |  |
| 7 8 | Special drawing rights ................................................................ | 11,037 14,649 | -370 | .............. | -355 | ................. | -725 786 | 10,312 15,435 |
| 9 |  | 49,096 | -7,578 | . | -3,224 | ..... | -10,802 | 38,294 |
| 10 | U.S. Government assets, other than official reserve assets . | 81,897 | 690 | ........... | -34 | 1 | 657 | 82,554 |
| 11 | U.S. credits and other long-term assets ${ }^{4}$......................................... | 79,958 | 796 | ......... | -1 |  | 796 | 80,754 |
| 12 | Repayable in dollars ................................................................. | 79,178 | 846 | ........ |  | -12 | 834 | 80,012 |
| 13 | Other ${ }^{5}$............................................ | 780 | -50 | ..... | -1 | 13 | -38 | 742 |
| 14 | U.S. foreign currency holdings and U.S. short-term assets .................... | 1,939 | -106 | .............. | -33 |  | -139 | 1,800 |
|  | U.S. private assets; |  |  |  |  |  |  |  |
| 15 | With direct investment at current cost (ines 17+19+22+23) ............... | 3,014,773 | 358,422 | 125,948 | -17,742 | -3,965 | 462,663 | 3,477,436 |
| 16 | With direct investment at market value (lines $18+19+22+23$ ) ............... | 3,442,474 | 358,422 | 272,439 | $-41,460$ | 9,372 | 598,773 | 4,041,247 |
|  | Direct investment abroad: |  |  |  |  |  |  |  |
| 17 | At current cost ...................................................................... | 884,290 | 87,813 | 7,375 | -4,726 | -3,954 | 86,508 | 970,798 |
| 18 | At market value | 1,311,991 | 87,813 | 153,866 | -28,444 | 9,383 | 222,618 | 1,534,609 |
| 19 | Foreign securities.. | 1,054,352 | 108,189 | 118,573 | -7,675 | ... | 219,087 | 1,273,439 |
| 20 | Bonds .................................................................................. | 355,284 | 49,403 | 117806 | -7,521 | .............. | 42,688 | 397,972 |
| 21 | Corporate stocks .................................................................. | 699,068 | 58,786 | 117,767 | -154 | .............. | 176,399 | 875,467 |
| 22 | U.S. claims on unafiliated foreigners reported by U.S. nonbanking concerns. | 307,982 | 64,234 | ............. | -3,161 | .... | 61,073 | 369,055 |
| 23 | U.S. claims reported by U.S. banks, not included elsewhere .................. | 768,149 | 98,186 | $\ldots$ | -2,180 | -11 | 95,995 | 864,144 |
|  | Foreign assets in the United States: |  |  |  |  |  |  |  |
| 24 | With direct investment at current cost (lines 26+33) ........................ | 3,960,433 | 547,555 | 89,329 | 346 | -6,410 | 630,820 | 4,591,253 |
| 25 | With direct investment at market value (lines 26+34) ....................... | 4,337,912 | 547,555 | 228,795 | 772 | 809 | 777,931 | 5,115,843 |
| 26 | Foreign official assets in the United States .......................................... | 678,451 | 122,354 | 4,345 | .............. | -1 | 126,698 | 805,149 |
| 27 | U.S. Government securities | 498,906 | 115,634 | -4,333 | .............. | ............... | 111,301 | 610,207 |
| 28 | U.S. Treasury securities | 471,508 | 111,253 | -3,802 | .............. | .............. | 107,451 | 578,959 |
| 29 |  | 27,398 | 4,381 | -531 | .............. | - | 3,850 | 31,248 |
| 30 | Other U.S. Government liabilitios ${ }^{7}$ | 25,225 | 720 |  |  | -1 | 719 | 25,944 |
| 31 | U.S. liabilities reported by U.S. banks, not included elsewhere ................ | 107,394 | 4,722 |  | ............. | .............. | 4,722 | 112,116 |
| 32 | Other foreign official assets ......................................................... | 46,926 | 1,278 | 8,678 | .............. | .............. | 9,956 | 56,882 |
|  | Other foreign assets: |  |  |  |  |  |  |  |
| 33 | With direct investment at current cost (lines $35+37+38+39+42+43)$..... | 3,281,982 | 425,201 | 84,984 | 346 | -6,409 | 504,122 | 3,786,104 |
| 34 | With direct investment at market value (lines $36+37+38+39+42+43$ ) .... | 3,659,461 | 425,201 | 224,450 | 772 | 810 | 651,233 | 4,310,694 |
|  | Direct investment in the United States: |  |  |  |  |  |  |  |
| 35 | At current cost ...... | 654,502 | 76,955 | 5,356 | -426 | -7,335 | 74,550 | 729,052 |
| 36 | At market value | 1,031,981 | 76,955 | 144,822 | ............ | -116 | 221,661 | 1,253,642 |
| 37 | U.S. Treasury securities | 389,383 | 155,578 | -14,411 | ........... | .............. | 141,167 | 530,550 |
| 38 | U.S.currency .................. | 192,300 | 17,300 |  |  |  | 17,300 | 209,600 |
| 39 | U.S. securities other than U.S. Treasury securities .............................. | 999,537 | 133,798 | 94,039 | -1,887 |  | 225,950 | 1,225,487 |
| 40 | Corporate and other bonds ......................................................... | 534,116 | 121,194 | 721 | -1,887 | .............. | 120,028 | 654,144 |
| 41 | Corporate stocks ................................................................... | 465,421 | 12,604 | 93,318 |  |  | 105,922 | 571,343 |
| 42 | U.S. liabilities to unafifiliated 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 |

[^70]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 payable to the U.S. Govere 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 $1996^{\prime \prime}$ in the July 1997 issue of the SURVEY OF CURRENT BUSINESS.

Table G.2.-U.S. Direct Investment Abroad: Selected Items, by Country and by Industry of Foreign Affillate, 1994-96 [Milions of dollars]

|  | Direct investment position on a historical-cost basis |  |  | Capital outilows (inflows (-)) |  |  | Income |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1994 | 1995 | 1996 | 1994 | 1995 | 1996 | 1994 | 1995 | 1996 |
| All countries, all industries $\qquad$ <br> By country | 640,320 | 717,554 | 796,494 | 68,272 | 85,115 | 85,560 | 68,597 | 87,448 | 95,067 |
| Canada ........ | 78,018 | 85,441 | 91,587 | 6,760 | 8,435 | 6,875 | 5,873 | 8,812 | 8,642 |
| Europe | 320,135 | 360,994 | 399,632 | 28,785 | 45,292 | 45,274 | 30,468 | 41,320 | 46,183 |
| France . | 28,204 | 32,950 | 34,000 | 2,586 | 5,726 | 5,221 | 1,296 | 2,728 | 3,322 |
| Germany | 38,467 | 44,226 | 44,259 | 2,217 | 4,373 | 955 | 3,107 | 4,783 | 4,286 |
| Netherlands | 29,558 | 39,344 | 44,667 | 6,331 | 8,420 | 7,140 | 5,081 | 6,890 | 7,991 |
| United Kingdom ......................................................... | 121,321 | 122,767 | 142,560 | 7,177 | 4,515 | 18,310 | 8,082 | 11,384 | 13,862 |
| Latin America and Other Western Hemisphere | 115,093 18,400 | $\begin{array}{r}128,252 \\ 23 \\ \hline\end{array}$ | 144,209 26,166 | 19,010 3,517 | $\begin{array}{r}14,753 \\ 4 \\ 4 \\ \hline\end{array}$ | 14,299 3 3 | 16,299 4,756 | 15,221 3 1 1 | 17,404 3 |
| Mexico ........................................................................................................................ | 16,169 | 15,980 | 18,747 | 3,674 | 2,955 | 2,747 | 2,497 | 1,369 | 2,931 |
| Africa ......................................................................... | 5,606 | 6,383 | 7,568 | 332 | 873 | 1,221 | 1,395 | 1,861 | 1,963 |
| Middle East | 6,741 | 7,669 | 8,743 | 242 | 905 | 1,044 | 964 | 1,393 | 1,458 |
| Asia and Pacific | 111,373 | 125,834 | 140,402 | 13,121 | 15,241 | 14,752 | 13,474 | 18,542 | 18,937 |
| Australia .... | 20,217 | 25,003 | 28,769 | 32 | 6,450 | 3,789 | 2,392 | 3,402 | 2,979 |
| Japan ...................................................................... | 36,524 | 38,406 | 39,593 | 2,384 | 1,079 | 1,817 | 2,379 | 4,117 | 3,950 |
| International | 3,355 | 2,981 | 4,352 | 22 | -384 | 2,096 | 124 | 300 | 480 |
| By Industry |  |  |  |  |  |  |  |  |  |
| Petroleum ..................... | 67,104 | 70,229 | 75,749 | 1,690 | 2,437 | 6,144 | 7,177 | 9,730 | 11,960 |
| Manufacturing ................. | 211,431 | 250,253 | 272,564 | 23,953 | 42,531 | 28,530 | 26,699 | 35,065 | 34,975 |
| Food and kindred products $\qquad$ <br> Chemicals and allied products | 29,588 <br> 49,128 <br> 10,17 | 32,439 <br> 62,151 <br> 1 | 36,179 69,430 | 3,764 4,992 | $\begin{array}{r}2,871 \\ \hline 18,477\end{array}$ | 3,280 7835 | 4,690 <br> 6,839 | 4,728 <br> 8,877 <br> 18 | 4,684 10,001 |
| Primary and fabricated metals | 10,017 | 12,032 | 13,603 | 819 | 1,935 | 5,009 | 896 | 1,365 | 1,004 |
| Industrial machinery and equipment ................................. | 26,781 | 33,716 | 35,020 | 2,010 | 5,286 | 2,016 | 2,177 | 4,373 | 4,579 |
| Electronic and other electric equipment ............................. | 19,925 | 25,242 | 29,519 | 2,867 | 4,995 | 4,513 | 3,234 | 4,494 | 4,374 |
| Transportation equipment ................................................ | 29,420 | 33,972 | 33,543 | 5,993 | 4,636 | 714 | 3,539 | 3,952 | 3,429 |
| Other manufacturing ..................................................... | 46,572 | 50,701 | 55,270 | 3,508 | 4,330 | 5,163 | 5,324 | 7,277 | 6,903 |
| Wholesale trade .............................................................. | 62,608 | 67,222 | 72,462 | 6,325 | 8,511 | 7,048 | 7,753 | 9,191 | 9,272 |
| Depository institutions ........................................................ | 26,693 | 28,123 | 32,504 | 1,786 | 714 | 1,329 | 3,785 | 2,889 | 3,767 |
| Finance (except banking), insurance, and real estate ................ | 213,175 | 228,744 | 257,213 | 22,982 | 12,109 | 28,985 | 18,302 | 23,757 | 27,797 |
| Services ........................................................................... | 26,734 | 32,769 | 36,673 | 5,613 | 7,702 | 3,644 | 2,796 | 3,815 | 3,997 |
| Other industries ................................................................... | 32,575 | 40,213 | 49,600 | 5,924 | 11,113 | 9,880 | 2,085 | 3,002 | 3,299 |
| NOTE.-In this table, unlike in the international transactions accounts, income and capital outflows are shown without a current-cost adjustment, and income is shown net of withholding taxes. In addition, unlike in the international investment position, the direct investment position is valued at historical cost. |  |  | The data in this table are from tables 17 and 18 in "U.S. Direct Investment Abroad: Detail for Historical-Cost Position and Related Capital and Income Flows, $1996^{\prime \prime}$ in the September 1997 Survey of Current Business. |  |  |  |  |  |  |

Table G.3.-Selected Financial and Operating Data for Nonbank Foreign Affiliates of U.S. Companies, by Country and by Industry of Affiliate, 1995

|  | Number of affiliates | Millions of dollars |  |  | Number of employees (thousands) |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Total assets | Sales | Net income |  |
| All countries, all industries ........................................................ | 21,318 | 2,815,141 | 2,140,438 | 124,675 | 7,377.0 |
| By country |  |  |  |  |  |
| Canada ................................................................................. | 2,023 | 246,242 | 231,081 | 8,313 | 918.1 |
|  | 10,435 | 1,567,904 | 1,176,126 | 63,083 | 3,014.5 |
| France ............................................................................. | 1,226 | 135,906 | 124,457 | 4,303 | 413.9 |
| Germany .................................................................................... | 1,358 | 219,538 | 234,169 | 6,467 | 596.3 |
| Italy ............................................................................................. | 757 | 59,468 | 68,550 | 2,315 | 198.7 |
| Netherlands .......................................................................... | 999 | 139,078 | 112,182 | 11,492 | 138.8 |
| Switzerland ......................................................................... | 505 | 132,464 | 60,128 | 7,203 | 50.6 |
| United Kingdom ....................................................................... | 2,393 | 641,348 | 363,372 | 14,338 | 928.8 |
| Latin America and Other Western Hemisphere .................................. | 3,256 | 316,495 | 191,340 | 23,419 | 1,485.2 |
| Brazil ................................................................................... | 400 | 48,477 | 44,536 | 5,073 | 299.9 |
| Mexico ...................................................................................... | 823 | 59,115 | 61,122 | 4,732 | 743.6 |
| Africa ......................................................................................... | 502 | 22,604 | 20,587 | 1,845 | 126.5 |
| Middle East ............................................................................. | 338 | 30,231 | 21,703 | 2,899 | 73.4 |
| Asia and Pacific ......................................................................................... | 4,665 | 614,555 | 492,181 | 24,464 | 1,747.6 |
| Australia .................................................................................. | 855 | 81,055 | 63,056 | 2,944 | 258.7 |
| Japan ................................................................................. | 1,006 | 280,164 | 211,821 | 4,979 | 414.9 |
| International ................................................................................ | 99 | 17,110 | 7,421 | 653 | 11.8 |
| By industry |  |  |  |  |  |
| Petroleum ....................................................................................... | 1,520 | 272,087 | 428,030 | 13,981 | 230.9 |
| Manufacturing ......................................................................................... | 8,023 | 779,339 | 984,868 | 53,795 | 4,376.6 |
| Food and kindred products ...................................................... | 764 | 99,571 | 113,166 | 7,064 | 554.4 |
| Chemicals and allied products .................................................. | 1,942 | 180,964 | 189,096 | 15,695 | 591.9 |
| Primary and fabricated metals ................................................... | 722 | 35,266 | 36,862 | 1,227 | 195.7 |
| Industrial machinery and equipment ............................................ | 1,033 | 112,921 | 159,205 | 7,611 | 529.4 |
| Electronic and other electric equipment ........................................ | 855 | 71,483 | 95,395 | 6,443 | 846.0 |
| Transportation equipment .......................................................... | 469 | 124,721 | 218,333 | 4,406 | 697.6 |
| Other manufacturing ................................................................ | 2,238 | 154,413 | 172,811 | 11,348 | 961.5 |
| Wholesale trade ........................................................................... | 4,878 | 206,015 | 367,515 | 15,124 | 538.3 |
| Finance (except depository institutions), insurance, and real estate ......... | 2,742 | 1,229,643 | 108,441 | 30,507 | 191.0 |
| Services ........................................................................................ | 2,671 | 114,995 | 100,035 | 4,050 | 779.8 |
| Other industries ................................................................................ | 1,484 | 213,062 | 151,548 | 7,219 | 1,260.4 |

Note.-The data in this tabie 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
[Milions of dollars]

|  | Direct investment position on a historical-cost basis |  |  | Capital inflows (outilows (-)) |  |  | Income |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1994 | 1995 | 1996 | 1994 | 1995 | 1996 | 1994 | 1995 | 1996 |
| All countries, all industries $\qquad$ <br> By country | 496,539 | 560,850 | 630,045 | 46,995 | 69,414 | 78,828 | 21,286 | 32,029 | 33,759 |
| Canada ......................................................................... | 41,959 | 48,258 | 53,845 | 4,960 | 7,080 | 5,670 | 2,996 | 3,911 | 3,285 |
| Europe .......................................................................... | 303,649 | 357,193 | 410,425 | 28,002 | 55,300 | 59,809 | 16,059 | 22,975 | 25,806 |
| France .................................................................... | 33,603 | 38,480 | 49,307 | 3,881 | 4,500 | 10,928 | -63 | 1,722 | 2,654 |
| Germany ................................................................. | 40,345 | 49,269 | 62,242 | 7,144 | 10,229 | 16,283 | 2,256 | 1,908 | 2,097 |
| Netherlands .................................................................................. | 67,210 | 65,806 | 73,803 | -3,174 | -1,789 | 8,225 | 4,120 | 5,212 | 6,294 |
| United Kingdom .............................................................. | 104,867 | 126,177 | 142,607 | 8,076 | 20,446 | 18,929 | 7,232 | 11,006 | 9,220 |
| Latin America and Other Western Hemisphere $\qquad$ Brazil $\qquad$ | 26,070 629 | 25,240 751 | 24,627 591 | 4,767 -8 1,248 | $-1,121$ -97 | 131 -99 | 1,391 88 | $\begin{array}{r}1,349 \\ 91 \\ \hline 81\end{array}$ | 1,557 34 |
| Mexico ...................................................................... | 2,412 | 1,980 | 1,078 | 1,248 | -470 | -447 | 2 | 81 | -8 |
| Africa ........ | 1,230 | 1,164 | 717 | 44 | -66 | -440 | -19 | 54 | -113 |
| Middle East ....... | 6,674 | 6,008 | 6,177 | 161 | -298 | 555 | 54 | 209 | 141 |
| Asia and Pacific .......................... | 116,956 | 122,986 | 134,255 | 9,061 | 8,519 | 13,104 | 805 | 3,531 | 3,084 |
| Australia ......... | 8,080 | 7,833 | 9,747 | 1,101 | 504 | 2,129 | -268 | 112 | -31 |
| Japan ...................................................................... | 102,999 | 107,933 | 118,116 | 6,238 | 6,591 | 11,930 | 985 | 3,405 | 3,106 |
| By industry |  |  |  |  |  |  |  |  |  |
| Petroleum ............................. | 32,290 | 33,888 | 42,343 | 1,665 | 3,152 | 8,113 | 1,902 | 2,970 | 4,190 |
| Manufacturing ................................................................. | 189,459 | 213,026 | 234,323 | 19,673 | 27,849 | 29,112 | 10,788 | 15,886 | 17,262 |
| Food and kindred products ........................................... | 21,411 | 26,898 | 28,089 | -1,375 | 5,596 | 2,439 | 2,134 | 1,709 | 1,780 |
| Chemicals and allied products ........................................ | 66,028 | 71,367 | 74,810 | 10,820 | 11,306 | 6,880 | 4,643 | 6,202 | 6,247 |
| Primary and fabricated metals ......................................... | 14,320 | 14,085 | 18,727 | 1,982 | 312 | 5,280 | -216 | 1,273 | 1,060 |
| Machinery ................................................................... | 35,196 | 37,638 | 37,093 | 3,826 | 3,986 | -35 | 1,165 | 2,316 | 1,739 |
| Other manufacturing ..................................................... | 52,504 | 63,037 | 75,604 | 4,419 | 6,648 | 14,548 | 3,063 | 4,386 | 6,436 |
| Wholesale trade ............................................................. | 63,792 | 66,393 | 77,937 | 5,785 | 6,453 | 9,799 | 2,611 | 3,863 | 3,548 |
| Retail trade ..................................................................... | 11,857 | 12,743 | 15,008 | 1,532 | 1,207 | 2,140 | 399 | 544 | 496 |
| Depository institutions ...................................................... | 27,139 | 34,076 | 31,903 | 3,800 | 6,566 | 562 | 2,837 | 4,725 | 2,626 |
| Finance, except banking .................................................... | 41,000 | 62,369 | 70,185 | 3,652 | 16,681 | 7,775 | 831 | 697 | 714 |
| Insurance ........................................................................ | 38,833 | 50,975 | 59,566 | 2,759 | 4,114 | 7,739 | 2,237 | 1,913 | 3,048 |
| Real estate ..................................................................... | 31,613 | 29,704 | 30,118 | 259 | -880 | 388 | -680 | -623 | 62 |
| Services .......... | 37,045 | 32,887 | 38,945 | 2,303 | 1,946 | 8,618 | -345 | 212 | 396 |
| Other industries ............................................................... | 23,511 | 24,788 | 29,716 | 5,570 | 2,326 | 4,583 | 705 | 1,841 | 1,418 | States: Detail for Historical-Cost Position and Related Capital and Income Flows, 1996" in the at historical 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

|  | Number of alfiliates | Millions of dollars |  |  |  | Thousands of employees | Millions of dollars |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Total assets | Sales | Net income | Gross product |  | U.S. exports of goods shipped by affiliates | U.S. <br> imports of goods shipped to affiliates |
| All countries, all industries ............................. | 12,497 | 2,383,612 | 1,561,879 | 15,608 | 326,955 | 4,928.3 | 136,702 | 254,895 |
| By country |  |  |  |  |  |  |  |  |
| Canada ................................................................... | 1,285 | 267,378 | 141,292 | 2,446 | 36,532 | 703.7 | 5,402 | 13,565 |
| Europe ................................................................. | 5,363 | 1,327,437 | 832,286 | 14,273 | 202,361 | 2,991.0 | 59,344 | 86,349 |
|  | 668 | 232,662 | 111,966 | 1,053 | 24,178 | 348.2 | 14,882 | 11,255 |
| Germany ...... | 1,291 | 210,408 | 161,099 | 1,331 | 37,182 | 580.6 | 12,308 | 27,753 |
| Netherlands .......................................................... | 394 | 154,877 | 98,084 | 2,790 | 28,013 | 334.2 | 5,357 | 8,730 |
|  | 603 | 229,335 | 92,343 | -137 | 18,624 | 308.3 | 6,398 | 7,847 |
| United Kingdom ...................................................... | 1,205 | 381,241 | 264,355 | 8,101 | 71,049 | 986.5 | 11,728 | 14,367 |
| Latin America and Other Western Hemisphere ................... | 1,078 | 53,830 | 52,067 | 917 | 13,345 | 166.6 | 6,193 | 10,126 |
| Brazil ................................................................. | 75 | 8,661 | 3,903 | 89 | 213 | 4.3 | 866 | 1,310 |
| Mexico ................................................................ | 265 | 9,593 | 8,540 | -20 | 1,798 | 35.6 | 661 | 2,182 |
| Africa ................................................................................... | 68 | (D) | 10,495 | 345 | 2,393 | 20.8 | 551 | 723 |
| Middle East ............................................................ | 414 | 25,516 | 18,121 | -198 | 4,861 | 46.6 | 641 | 4,628 |
| Asia and Pacific .......................................................... | 4,212 | 598,404 | 489,928 | -5,027 | 62,558 | 954.6 | 63,933 | 138,425 |
| Australia .................................................................. | 172 | 37,003 | 22,209 | -577 | 4,211 | 73.6 | 877 | 1,110 |
| Japan ................................................................................ | 3,241 | 519,577 | 418,656 | -3,621 | 52,000 | 758.2 | 55,519 | 119,942 |
| United States ....................................................................... | 77 | (D) | 17,690 | 2,851 | 4,904 | 44.9 | 638 | 1,079 |
| By industry |  |  |  |  |  |  |  |  |
| Petroleum ............................................................... | 240 | 104,358 | 131,889 | 2,419 | 30,525 | 105.7 | 9,956 | 19,522 |
| Manufacturing ........................................................ | 2,896 | 587,049 | 562,151 | 9,824 | 156,991 | 2,276.8 | 55,561 | 81,790 |
| Food and kindred products ...................................... | 252 | 57,195 | 50,879 | 632 | 12,229 | 228.6 | 2,790 | 3,238 |
| Chemicais and allied products .................................. | 331 | 191,614 | 131,892 | 3,903 | 39,768 | 407.1 | 13,778 | 13,582 |
| Primary and fabricated metals .................................. | 396 | 55,979 | 70,086 | 1,547 | 17,804 | 246.9 | 3,988 | 8,018 |
| Machinery .............................. | 739 | 96,130 | 123,167 | 176 | 32,163 | 541.6 | 18,861 | 29,219 |
| Other manufacturing ............................................... | 1,178 | 186,132 | 186,128 | 3,566 | 55,028 | 852.6 | 16,144 | 27,734 |
| Wholesale trade ......................................................... | 2,228 | 222,616 | 466,192 | 174 | 39,135 | 455.5 | 65,500 | 148,735 |
| Retail trade .............................................................. | 353 | 47,982 | 93,624 | 759 | 23,951 | 759.1 | 1,793 | 3,742 |
| Finance, except deposilory 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 |

[^71]
## H. International Perspectives

Table H.1.-International Perspectives

|  | 1995 | 1996 | 1996 |  |  |  |  |  | 1997 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. |
|  | Exchange rates per U.S. dollar (not seasonally adjusted) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Canada (Can.S/US\$) | 1.3725 | 1.3638 | 1.3697 | 1.3722 | 1.3694 | 1.3508 | 1.3381 | 1.3622 | 1.3494 | 1.3556 | 1.3725 | 1.3942 | 1.3804 | 1.3843 | 1.3775 | 1.3872 |
| France (FFr/US\$) ................................ | 4.9864 | 5.1158 | 5.0881 | 5.0636 | 5.1307 | 5.1652 | 5.1156 | 5.2427 | 5.4145 | 5.6536 | 5.7154 | 5.7672 | 5.7482 | 5.8293 | 6.0511 | 6.2010 |
| Germany (DM/US\$) ........................... | 1.4321 | 1.5049 | 1.5025 | 1.4826 | 1.5080 | 1.5277 | 1.5118 | 1.5525 | 1.6047 | 1.6747 | 1.6946 | 1.7119 | 1.7048 | 1.7277 | 1.7939 | 1.8400 |
| Italy (LUSt) .................................... | 16.2945 | 15.4276 | 15.2682 | 15.1662 | 15.2048 | 15.2382 | 15.1366 | 15.2844 | 15.6791 | 16.5500 | 16.9121 | 16.9452 | 16.8433 | 16.9454 | 17.4591 | 17.9712 |
|  | . 9396 | 1.0878 | 1.0919 | 1.0787 | 1.0993 | 1.1241 | 1.1230 | 1.1398 | 1.1791 | 1.2296 | 1.2277 | 1.2564 | 1.1919 | 1.1429 | 1.1538 | 1.1793 |
| Mexico (Peso/US\$) ............................................... | 6.4467 | 7.6004 | 7.6179 | 7.5143 | 7.5441 | 7.7345 | 7.9119 | 7.8769 | 7.8289 | 7.8023 | 7.9562 | 7.9059 | 7.9037 | 7.9498 | 7.8679 | 7.7818 |
| United Kingdom (US\$/2) ..................... | 1.5785 | 1.5607 | 1.5530 | 1.5499 | 1.5693 | 1.5863 | 1.6623 | 1.6639 | 1.6585 | 1.6285 | 1.6096 | 1.6293 | 1.6322 | 1.6449 | 1.6694 | 1.6035 |
| Addendum: <br> Exchange value of the U.S. dollar ${ }^{1}$... | 84.25 | 87.34 | 87.25 | 86.54 | 87.46 | 87.99 | 86.98 | 88.71 | 91.01 | 94.52 | 95.60 | 96.39 | 95.29 | 95.42 | 97.48 | 99.96 |
|  | Unemployment rates (percent, seasonally adjusted) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Canada .......................................... | 9.6 | 9.7 | 9.9 | 9.5 | 10.0 | 10.0 | 10.0 | 9.7 | 9.7 | 9.7 | 9.3 | 9.6 | 9.5 | 9.1 | 9.0 | 9.0 |
| France .............................................. | 11.6 | 12.3 | 12.4 | 12.4 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.6 | 12.5 | 12.5 |
| Germany ........................................ | 9.4 | 10.4 | 10.3 | 10.4 | 10.5 | 10.6 | 10.8 | 10.9 | 11.2 | 11.3 | 11.2 | 11.2 | 11.4 | 11.4 | 11.5 | 11.6 |
| Italy ................................................. | 12.0 | 12.1 | 3 | 12.1 |  |  | 12.0 |  | $\ldots$ | 12.2 |  |  | 12.4 |  |  | 12.1 |
| Japan .............................................. | 3.1 | 3.4 | 3.4 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.3 | 3.6 | 3.5 | 3.4 | 3.4 |
| Mexico .......................................... | 6.3 | 5.5 | 5.4 | 5.0 | 5.2 | 5.2 | 5.2 | 5.0 | 4.5 | 4.2 | 4.2 | 4.2 | 4.0 | 3.9 | 3.8 | 3.4 |
| United Kingdom ................................. | 8.2 | 7.5 | 7.6 | 7.5 | 7.4 | 7.2 | 6.9 | 6.7 | 6.5 | 6.2 | 6.1 | 5.9 | 5.8 | 5.7 | 5.5 | 5.3 |
| Addendum: <br> United States | 5.6 | 5.4 | 5.4 | 5.2 | 5.2 | 5.2 | 5.3 | 5.3 | 5.4 | 5.3 | 5.2 | 4.9 | 4.8 | 5.0 | 4.8 | 4.9 |
|  | Consumer prices (seasonally adjusted, 1990=100) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Canada .......................................... | 111.8 | 113.5 | 113.5 | 113.6 | 113.8 | 114.0 | 114.5 | 114.5 | 114.8 | 114.9 | 115.2 | 115.2 | 115.3 | 115.5 | 115.5 | 115.7 |
| France ........................................... | 111.6 | 113.8 | 113.9 | 113.6 | 114.0 | 114.3 | 114.2 | 114.4 | 114.7 | 114.9 | 115.0 | 115.0 | 115.2 | 115.2 | 115.0 | 115.3 |
| Germany (1991=100) ......................... | 114.8 | 116.5 | 117.0 | 116.9 | 116.8 | 116.8 | 116.7 | 117.0 | 117.6 | 118.1 | 117.9 | 117.9 | 118.4 | 118.6 | 119.2 | 119.3 |
| Italy .............................................. | 127.7 | 132.7 | 132.9 | 133.0 | 133.2 | 133.4 | 133.9 | 133.9 | 134.3 | 134.6 | 134.8 | 135.1 | 135.3 | 135.3 | 135.3 | 135.5 |
| Japan ............................................ | 107.0 | 107.1 | 107.4 | 107.1 | 107.1 | 107.2 | 107.3 | 107.5 | 107.5 | 107.5 | 107.4 | 109.1 | 109.2 | 109.6 | 109.5 | 109.3 |
| Mexico .......................................... | 224.5 | 301.7 | 305.2 | 309.3 | 314.2 | 318.2 | 323.0 | 333.3 | 341.9 | 347.6 | 352.0 | 355.8 | 359.0 | 362.2 | 365.3 | 368.6 |
| United Kingdom ................................. | 118.2 | 121.1 | 120.8 | 121.4 | 121.9 | 121.9 | 122.0 | 122.4 | 122.4 | 122.9 | 123.2 | 123.9 | 124.4 | 124.9 | 124.9 | 125.7 |
| Addendum: <br> United States $\qquad$ | 116.6 | 120.0 | 120.2 | 120.5 | 120.8 | 121.2 | 121.5 | 121.8 | 122.0 | 122.3 | 122.4 | 122.5 | 122.5 | 122.7 | 122.9 | 123.1 |
|  | Real gross domestic product (percent change from preceding quarter, seasonally adjusted at annual rates) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Canada ............................................. | 2.3 | 1.5 | ............. | 3.3 | ............ | ............. | 2.9 | .... | ..... | 3.7 |  | ............ | 4.9 | .......... | ............. | ............. |
| France ........................................... | 2.1 | 1.5 | ............ | 3.3 | $\ldots$ | ......... | . 9 | ........ | ............ | 1.0 | .......... | ............ | 4.0 | ............ | ..... | ............ |
| Germany ........................................ | 1.9 3.0 | 1.4 | ............ | 2.2 | $\ldots$ | ............. | -7 | ............ | ............. | -1.2 | ............. | ............. | 4.1 | ......... | ............ | ............. |
| Italy .............................................. | 1.4 | 3.5 | .... | 1.9 | .......... | .......... | -78 | ............. | ......... | -1.7 | ..... | .......... | -11. | ......... | ..... | ............. |
| Mexico ....................................................................... | -6.2 | 5.1 | ${ }^{\text {............... }}$ | 7.4 | ............ | ........... | 6.0 | .............. | ............... | 3.3 | …........... | .............. | -19.4 | ........... | ........ | ............. |
| United Kingdom ................................ | 2.7 | 2.3 | ............ | 2.2 | ............ | ............. | 4.3 | ............ | ................. | 3.7 | ................ | ................ | 4.1 | ............... | .... | ............. |
| Addendum: <br> United States $\qquad$ | 2.0 | 2.8 | ... | 1.0 |  | ............. | 4.3 |  | ..... | 4.9 |  | .... | 3.3 |  | ...... | 3.5 |

See footnotes at end of table.

Table H.1.-International Perspectives-Continued

|  | 1995 | 1996 | 1996 |  |  |  |  |  | 1997 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. |
|  | Short-term, 3-month, interest rates (percent, not seasonally adjusted) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Canada | 7.07 | 4.43 | 4.69 | 4.24 | 4.06 | 3.49 | 3.00 | 3.08 | 3.11 | 3.10 | 3.20 | 3.41 | 3.29 | 3.22 | 3.51 | 3.63 |
|  | 6.58 | 3.94 | 3.84 | 3.96 | 3.75 | 3.51 | 3.47 | 3.44 | 3.35 | 3.33 | 3.36 | 3.40 | 3.48 | 3.43 | 3.39 | 3.43 |
| Germany | 4.53 | 3.31 | 3.38 | 3.29 | 3.12 | 3.12 | 3.19 | 3.23 | 3.14 | 3.19 | 3.26 | 3.23 | 3.17 | 3.14 | 3.14 | 3.26 |
| Italy ...................................................................... | 10.46 | 8.82 | 8.75 | 8.81 | 8.44 | 8.02 | 7.41 | 7.25 | 7.23 | 7.36 | 7.43 | 7.13 | 6.83 | 6.88 | 6.89 | 6.87 |
| Japan ..................................................................... | 1.23 | . 59 | . 68 | . 64 | . 54 | . 52 | . 52 | . 52 | . 53 | . 55 | . 56 | . 56 | . 58 | . 61 | . 67 | . 59 |
| Mexico ......................................................................................... | 48.24 | 32.91 | 31.66 | 29.16 | 27.79 | 27.68 | 28.94 | 26.51 | 24.60 | 21.96 | 22.32 | 22.37 | 20.59 | 21.40 | 19.40 | 20.15 |
| United Kingdom .......................................................... | 6.68 | 6.02 | 5.73 | 5.75 | 5.76 | 5.94 | 6.29 | 6.34 | 6.32 | 6.19 | 6.20 | 6.37 | 6.45 | 6.66 | 6.95 | 7.15 |
| Addendum: <br> United States $\qquad$ | 5.51 | 5.02 | 5.19 | 5.09 | 5.15 | 5.01 | 5.03 | 4.87 | 5.05 | 5.00 | 5.14 | 5.17 | 5.13 | 4.92 | 5.07 | 5.13 |
|  | Long-term interest rates, government bond yields (percent, not seasonally adjusted) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Canada ................................................................... | 8.36 | 7.54 | 7.92 | 7.57 | 7.64 | 7.00 | 6.48 | 6.81 | 6.99 | 6.74 | 6.92 | 7.09 | 6.90 | 6.63 | 6.30 | 6.30 |
| France ... | 7.66 | 6.51 | 6.59 | 6.62 | 6.20 | 6.11 | 5.79 | 5.82 | 5.69 | 5.39 | 5.80 | 5.93 | 5.96 | 5.67 | 5.50 | 5.65 |
| Germany | 6.80 | 6.10 | 6.40 | 6.20 | 6.10 | 5.90 | 5.80 | 5.70 | 5.70 | 5.40 | 5.60 | 5.70 | 5.60 | 5.60 | 5.40 | 5.50 |
| Italy ...................................................................... | 11.79 | 8.85 | 8.82 | 8.92 | 8.62 | 7.78 | 7.15 | 6.95 | 6.76 | 6.93 | 7.55 | 7.37 | 7.02 | 6.82 | 6.38 | 6.53 |
| Japan .................................................................... | 3.21 | 2.98 | 3.32 | 2.96 | 2.81 | 2.51 | 2.44 | 2.57 | 2.38 | 2.40 | 2.27 | 2.36 | 2.55 | 2.37 | 2.12 | 2.01 |
| Mexico United Kingdom................................................................................................................. | 8.25 | 8.10 | 8.25 | 8.15 | 8.16 | 7.88 | 7.81 | 7.70 | 7.74 | 7.38 | 7.62 | 7.77 | 7.22 | 7.17 | 6.96 | 7.01 |
| Addendum: <br> United States $\qquad$ | 6.57 | 6.44 | 6.87 | 6.64 | 6.83 | 6.53 | 6.20 | 6.30 | 6.58 | 6.42 | 6.69 | 6.89 | 6.71 | 6.49 | 6.22 | 6.30 |
|  | Share price indices (not seasonally adjusted, 1990=100) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Canada .................................................................... | 130.0 | 154.0 | 144.0 | 150.0 | 155.0 | 164.0 | 176.0 | 173.0 | 179.0 | 180.0 | 171.0 | 175.0 | 187.0 | 188.0 | 201.0 | 193.0 |
| France ................................................................ | 103.0 | 118.0 | 116.0 | 114.0 | 116.0 | 121.0 | 125.0 | 128.0 | 135.0 | 145.0 | 148.0 | 145.0 | 149.0 | 151.0 | 161.0 | 161.0 |
| Germany ................................................................................. | 102.4 | 115.6 | 114.0 | 115.0 | 116.7 | 120.3 | 121.9 | 124.9 | 130.0 | 138.9 | 145.8 | 145.7 | 154.4 | 160.2 | 174.8 | 176.4 |
|  | 95.0 | 96.0 | 97.0 | 93.0 | 92.0 | 96.0 | 99.0 | 100.0 | 114.0 | 119.0 | 114.0 | 116.0 | 119.0 | 123.0 | 138.0 |  |
| Japan .................................................................... | 63.0 | 74.0 | 75.0 | 73.0 | 72.0 | 73.0 | 72.0 | 69.0 | 63.0 | 64.0 | 63.0 | 63.0 | 68.0 | 70.0 | 70.0 | 68.0 |
| Mexico | 389.3 | 554.8 | 527.4 | 579.8 | 567.6 | 563.6 | 577.3 | 589.5 | 639.7 | 673.7 | 657.4 | 658.9 | 696.1 | 781.9 | 888.9 | 815.3 |
| United Kingdom ......................................................... | 147.0 | 167.0 | 163.0 | 167.0 | 170.0 | 173.0 | 170.0 | 171.0 | 176.0 | 179.0 | 182.0 | 179.0 | 185.0 | 186.0 | 190.0 | 194.0 |
| Addendum: <br> United States | 159.0 | 195.0 | 188.0 | 193.0 | 197.0 | 204.0 | 212.0 | 213.0 | 220.0 | 228.0 | 227.0 | 219.0 | 236.0 | 249.0 | 262.0 | 262.0 |

1. Index of weighted average exchange value of U.S. dollar against currencies of other G-10 countries. March
973 $=100$. 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. doilar: Revision" on page 700 of the August 1978 Federal Reserve Bulletin.

NOTE.-All exchange rates are trom the Board of Governors of the Federal Reserve System. U.S. interest rates, Unemployment rates, and GDP growth rates are trom the Federal Reserve, the Bureau of Labor Staistias, and rebased to 1990 to facilitate comparison) are © OECD, October 1997, OECD Main EConomic Indicators and are eproduced with permission of the OECD .
I. Charts

THE U.S. IN THE NTERNATIONAL ECONOMY



Billion \$


Billion \$


Billion \$



## Regional Data

## J. State and Regional Tables

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

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

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

| Area name | Personal income |  |  |  |  |  |  |  | Nonfarm personal income ${ }^{1}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Millions of dollars |  |  |  |  |  | Percent change ${ }^{2}$ |  | Millions of collars |  |  |  |  |  | Percent change ${ }^{2}$ |  |
|  | 1995 | 1996 | 1996 |  | 1997 |  |  |  | 1995 | 1996 | 1996 |  | 1997 |  | $\begin{aligned} & \text { 1996:IV- } \\ & \text { 1997: } \end{aligned}$ | $\begin{aligned} & \text { 1997:-- } \\ & \text { 1997:: } \end{aligned}$ |
|  |  |  | 111 | IV | 1 | 11 | $\begin{aligned} & 1996: 1 \mathrm{~V}- \\ & 1997: 1 \end{aligned}$ | $\begin{aligned} & \text { 1997:-1. } \\ & \text { 1997:11 } \end{aligned}$ |  |  | III | N | 1 | II |  |  |
| Uniled States | 6,137,875 | 6,479,914 | 6,526,017 | 6,602,669 | 8,730,234 | 6,813,131 | 1.9 | 1.2 | 6,103,443 | 8,433,265 | 6,476,984 | 6,553,152 | 6,680,685 | 6,760,004 | 1.9 | 1.2 |
| New England ......... | 368,398 | 387,042 | 388,521 | 394,993 | 403,147 | 408,517 | 2.1 | 1.3 | 387,830 | 386,389 | 387,823 | 394,302 | 402,498 | 407,790 | 2.1 | 1.3 |
| Connecticut .... | 105,778 | 110,916 | 111,178 | 112,912 | 116,002 | 117,084 | 2.8 | 9.9 | 105,608 | 110,730 | 110,977 | 112,709 | 115,850 | 116,879 | 2.8 | . 9 |
| Maine | 24,966 | 26,124 | 26,251 | 26,669 | 27,066 | 27,373 | 1.5 | 1.1 | 24,885 | 26,015 | 26,139 | 26,559 | 26,954 | 27,257 | $1.5$ | 1.1 |
| Massachusetts .... | 172,008 29,510 | 181,505 30,939 | 182,334 31,109 | - | 189,31, 31,96 | - ${ }^{192,509}$ | 1.3 | 1.6 | $\begin{array}{r}171,864 \\ 29,468 \\ \hline\end{array}$ | $\begin{array}{r}\text { 181,352 } \\ 30,694 \\ \hline\end{array}$ | ${ }_{31,062}^{182,11}$ | - | 189,162 31,939 | $\begin{array}{r}192,162 \\ 32.458 \\ \hline\end{array}$ | 1.3 | 1.6 |
| Rhode Island. | 23,541 | 24,331 | 24,341 | 24,743 | 25,119 | 25,371 | 1.5 | 1.0 | 23,506 | 24,302 | 24,310 | 24,712 | 25,079 | 25,335 | 1.5 | 1.0 |
| Vermont .............................................. | 12,595 | 13,227 | 13,307 | 13,407 | 13,644 | 13,845 | 1.8 | 1.5 | 12,499 | 13,097 | 13,164 | 13,270 | 13,511 | 13,698 | 1.8 | 1.4 |
| Mideast .... | 1,200,373 | 1,258,684 | 1,264,426 | 1,280,913 | 1,304, 164 | 1,317,041 | 1.8 | 1.0 | 1,198,896 | 1,256,536 | 1,262,188 | 1,278,616 | 1,301,926 | 1,314,692 | 1.8 | 1.0 |
| Delaware | ${ }^{18,757}$ | 20,095 | 20,252 | 20,735 | 20,809 | 21.240 | 4 | 2.1 | ${ }^{18,669}$ | 19,976 | 20,129 | 20,595 | 20,670 | 21,103 | . 4 | 2.1 |
| District of Columbia ............................... | 18,021 | 18.539 | 18,629 | 18.787 | 19,011 | 19,086 | 1.2 |  | 18.021 | 18,599 | 18.629 | 18,787 | 19,011 | 19,086 | 1.2 | . 4 |
| Maryand ............................................... | 133,769 | 140,068 | 140,748 | 142,657 | 145,502 | 147,033 | 2.0 | 1.1 | 133,576 | 139,750 | 140,410 | 142,311 | 145,157 | 146,680 | 2.0 | 1.0 |
| Now Jersey ............................................ | 299,052 | 250,295 | 251,460 | 254,430 | 259,310 | 261,436 | 1.9 | 8 | ${ }_{5058} 23880$ | 250,033 | 251,186 | 254,144 | 259,032 | 261,141 | 1.9 | . ${ }^{8}$ |
| New York Pennsylvania $\qquad$ $\qquad$ | 285,963 | 530,655 299,031 | 532,396 300,94 | 540,159 304,145 | 550,884 308,649 | 556,314 | 2.0 | 1.0 | 505,424 284,396 | 530,113 298,124 | 531,843 299,990 | 539,608 | 550,329 307,726 | 555,744 310,939 | 2.0 1.5 | 1.0 |
| Great Lakes | 1,022,736 | 1,071,792 | 1,080,212 | 1,088,807 | 1,107,534 | 1,120,394 | 1.7 | 1.2 | 1,020,239 | 1,067,296 | 1,075,483 | 1,084,008 | 1,102,662 | 1,115,529 | 1.7 | 1.2 |
| flilinois. | 301,718 | 318,061 | 320,221 | 323,827 | 329,850 | 334,400 | 1.9 | 1.4 | 301,300 | 1016,367 | 318,444 | 321,971 | 327,876 | 1332,586 | 1.8 | 1.4 |
| Indiana | 125,805 | 132,001 | 133,113 | 134,643 | 136,275 | 137,988 | 1.2 | 1.3 | 125,504 | 131,105 | 132,162 | 133,730 | 136,346 | 137.019 | 1.2 | 1.2 |
| Michigan | 229,544 | 239,330 | 241,129 | 242,326 | 246,708 | 248,911 | 1.8 | 1.9 | 228,856 | 238,872 | 240,650 | 241,835 | 246,210 | 248,389 | 1.8 | . 9 |
| Wisconsin ......... | 114,628 | 202,325 | 121,331 | ${ }_{122,402}$ | 124,288 | 126,100 | 1.8 | 1.5 | 114,358 | 219,834 | 120,816 | 121,862 | 123,751 | 125,535 | 1.5 | 1.4 |
| Plains | 404,044 | 432,418 | 436,027 | 440,502 | 446,979 | 452,802 | 1.5 | 1.3 | 399,233 | 421,876 | 424,782 | 428,965 | 435,259 | 440,621 | 1.5 | 1.2 |
| lowa | 59,143 | 63.613 | 64,071 | 64,608 | 65,628 | 66,542 | 1.6 | 1.4 | 57,653 | 60,568 | 60,911 | 61,393 | 62,213 | 63.158 | 1.3 | 1.5 |
| Kansas .-. | 56,218 | 59.585 | 59,992 | 60,546 | 61,489 | 62,199 | 1.5 | 1.2 | 55,514 | 58,467 | 58,829 | 59,347 | ${ }^{60,296}$ | 60,966 | 1.6 | 1.9 |
| Minnesola | 111,031 | 119.530 | 120,959 | 122,079 | 122,606 | 124,582 | , | 1.6 | 110,347 | 117,735 | 119,032 | 120,228 | 120,765 | 122,559 | ${ }^{4}$ | 1.5 |
| Missouri | 116,752 | 123,366 | 124,035 | 125,633 | 128,420 | 129,909 | 2.2 | 1.2 | 116,681 | 122,555 | 123,197 | 124,799 | 127,582 | 129,023 | 2.2 | 1.1 |
| Nebraska | 35,055 | 37,862 | 38,117 | 38,681 | 39,561 | 39,840 | 1.2 |  | 33,763 11744 | 38,704 12,395 | 35,943 12.512 | 36,220 12.550 | 37,101 12,700 | 37,285 12.864 14.8 | 1.4 | . 5 |
| North Dakota .... | ${ }_{13,981}^{11,85}$ | 13,159 15,303 | 13, 1505 <br> 185 | +13,388 15,617 | 13,583 15,780 | 13,695 16,035 | 1.0 | 1.4 | 11,74 13,530 | 14,252 | 14,359 | 14,427 | 14,601 | 14,765 | 1.2 | 1.1 |
| Southesst | 1,339,811 | 1,416,289 | 1,427,939 | 1,443,187 | 1,473,278 | 1,492,349 | 2.1 | 1.3 | 1,328,685 | 1,403,090 | 1,413,833 | 1,429,179 | 1,459,077 | 1,476,567 | 2.1 |  |
| Alabama | 82,067 | 86,021 | 86,740 | 87,568 | 89.017 | 89,877 | 1.7 | 1.0 | 81,338 | 85,135 | 85,808 | 86,605 | 87,963 | 88,835 | 1.6 | 1.0 |
| A-kansas | 45,039 | 47,584 | 48.005 | 48,436 | 49,006 | 50,124 | 1.2 | 2.3 | 43.635 | 45,737 | 46,084 | 46,402 | 47,076 | 47,704 | 1.5 | 1.3 |
| Florida | 328,067 | 346,849 | 351,320 | 355,118 | 362,659 | 368,286 | 2.1 | 1.6 | 326,103 | 347,076 | 349,488 | 353,278 | 360,805 | 366,16 | 2.1 | 1.5 |
| Georgia ., | 157,875 | 168,959 | 170,891 | 172,857 | 176,972 | 179,521 | 2.4 | 1.4 | 156,100 | 167,007 | 168,819 | 170,657 | 174,833 | 177,269 | 2.4 | 1.4 |
| Kentucky. | 72,739 | 76,885 | 77,707 | 78,235 | 79,910 | 80,940 | 2.1 | 1.3 | 72,071 | 75,800 | 76,350 | 77,212 | 78,816 | 79,675 | 2.1 | 1.1 |
| Louisiana ... | 82,252 | 85,543 | 86,111 | 86,892 | 88,472 | 89,159 | 1.8 | 8 | 81,763 | 84,907 | 85,377 | 86,257 | 87,836 | 88,474 | 1.8 | . 7 |
| North Carolina | 152,601 | 162,602 | 163,920 | 1666,616 | 170,636 | 172,915 | ${ }_{2}^{1.8}$ | 1.3 | 150,054 | 159,632 | - 160.815 | 163,449 | 167,322 | 169,267 | 2.4 | 1.9 |
| South Carolina | 70,208 | 73,690 | 74,607 | 75,377 | 76,822 | 77,859 | 1.9 | 1.3 | 69,878 | 73,465 | 74,165 | 74,929 | 76,358 | 77,390 | 1.9 | 1.4 |
| Tennessee | 111,674 | 116,760 | 117,626 | 118,806 | 121,399 | 122,963 | 2.2 | 1.3 | 111.425 | 116,449 | 117,311 | 118,492 | 121,088 | 122.617 | 2.2 | 1.3 |
| Virginia. | 160,141 | 168,300 | 169,444 | 174,277 | 175,261 | 176,702 | 2.3 | . 8 | 159,680 | 167,821 | 168,949 | 170,768 | 174,751 | 176,151 | 2.3 | 8 |
| West Virginia ...................................... | 32,001 | 33,155 | 33,381 | 33,603 | 33,867 | 34,209 | . 8 | 1.0 | 31,988 | 33,169 | 33,391 | 33,612 | 33,874 | 34,211 | . 8 | 1.0 |
| Southwest... | 580,326 | 617,538 | 623,327 | 630,151 | 645,319 | 653,841 | 2.4 |  |  |  |  |  | 641,886 | 650,142 |  | 1.3 |
| Arizona - | 87,518 | 94,596 | 95,623 | 96,709 | 99,120 | 101,217 | 2.5 |  |  |  |  |  |  | 100,384 | 2.5 | 2.0 |
| New Mexico | 30,781 | 32,217 | 32,367 | 32,526 | 33,300 | 33,596 | 2.4 2.2 | 9 | 30,445 60,992 | 31,865 64,154 | 31,992 64,644 | 32,156 65,184 | 32,911 66,620 | ${ }^{33,155}$ | 2.3 | . 5 |
| Texahas ............... | 61,343 400,683 | 64,514 426,212 | -65,003 | 65,541 435,376 | 66,982 445,917 | $\begin{array}{r}67,304 \\ 451,724 \\ \hline\end{array}$ | 2.4 2.4 | 1.5 | 398,481 | 424,239 | - $424,6,349$ | 433,997 | 443,963 | 66,921 449,682 | 2.2 | 1.3 |
| ky Mountaln | 176,490 | 188,316 | 190,154 | 192.565 | 196,424 | 198.67 | 2.0 | 1.1 | 174,679 | 186,417 | 188,195 | 190.589 | 194.514 | 196.608 | 2.1 | 1.1 |
| Colorado ..... | 91,766 | 98,258 | 99,191 | 100,578 | 102,492 | 103,657 | 1.9 | 1.1 | 91,203 | 97,614 | 98,520 | 99,909 | 101,839 | 102,938 | 1.9 | 1.1 |
| Idaho ...... | 22,368 | 23,591 | 23,795 | 23,877 | 24,354 | 24,732 | 2.0 | 1.6 | 21,695 | 22,824 | 22,999 | 23,084 | 23,620 | 23,944 | 2.3 | 1.4 |
| Montana ... | 16,157 | 16,896 | 17,017 | 17,213 | 17,292 | 17,533 | . 5 | 1.4 | 15,831 | 16,650 | 16,773 | 16,947 | 17,023 | 17.241 | . 5 | 1.3 |
| Utah | 36,166 | 39,199 | 39,697 | 40,397 | 41,505 | 41,915 | 2.7 | 1.0 | 35,998 | 39,018 | 39,508 | 40,210 | 41,321 | 41,718 | 2.8 | 1.0 |
| Wyoming ............................................. | 10,035 | 10,371 | 10,453 | 10,501 | 10,78. | 10,841 | 2.7 | . 6 | 9,951 | 10,310 | 10,394 | 10,433 | 10,711 | 10,768 | 2.7 | . 5 |
| Far West .... | 1,045,697 | 1,107,835 | 1,115,412 | 1,131,570 | 1,153,389 | 1,169,511 | 1.9 | 1.4 | 1,037,142 | 1,097,695 | 1,104,822 | 1,120,756 | 1,142,865 | 1,158,054 |  | 1.3 |
| Alaska | 14,563 | 14,810 | 14.826 | 14,894 | 15,047 | 15.257 | 1.0 | 1.4 | 14.553 | 14,801 | 14,817 | 14,885 | 15.038 | 15,248 | 1.0 | 1.4 |
| Calicornia ............................................. | 764,435 | 807.975 | 812,716 | 825,321 | 839,867 | 851,850 | 1.8 | 1.4 | 757,869 | 800,556 | 804,963 | 817,380 | 832,138 | 843,382 | 1.8 | 1.4 |
| Hawaii | 29,593 | 30,072 | 30,150 | 30,169 | 30,549 | 30,694 | 1.3 | . 5 | 29,405 | ${ }^{29,888}$ | 29,966 | 29,984 | 30,362 | 30,505 | 1.3 | . 5 |
| Nevada |  | 41,699 73,922 | ${ }^{42} 42,207$ | 43,050 7575 | 44,029 | 74,950 | 2.3 | 2.1 | 37,900 68828 | 41,647 73180 | 42,151 73,920 | 72,996 | 43,976 76732 | 44,895 | 2.3 | 2.1 |
|  | 130,350 | 139,356 | 140,830 | 142,401 | 146,386 | 148,481 | 2.8 | 1.4 | 129,132 | 137,623 | 139,004 | 140,560 | 144,619 | 146,565 | 2.9 | 1.3 |

[^72]omits the earnings of rederal civilian and military personnel stationed abroad and of U.S. residents employed and revision schedules.
Source: Tables 1 and 5 in "State Personal Income, Revised Estimates for 1958-96" in the October 1997 Surver OF CURRENT BUSINESS and tables 1 and 2 in "Personal Income by State and Region, Second Quarter 1997" in this issue of the Surver.

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

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow{3}{*}{Area name} \& \multicolumn{3}{|c|}{\multirow[t]{2}{*}{Personal income}} \& \multicolumn{9}{|c|}{Percent of personal income} <br>
\hline \& \& \& \& \multicolumn{3}{|l|}{Net earnings by place of residence ${ }^{1}$} \& \multicolumn{3}{|l|}{Dividenos, interest, and rent} \& \multicolumn{3}{|c|}{Transier payments} <br>
\hline \& 1969 \& 1980 \& 1996 \& 1969 \& 1980 \& 1996 \& 1969 \& 1980 \& 1996 \& 1969 \& 1980 \& 1996 <br>
\hline Uniled States \& 772,952 \& 2,286,388 \& 6,479,914 \& 76.8 \& 69.9 \& 05.4 \& 14.1 \& 18.0 \& 18.1 \& 9.1 \& 14.1 \& 18.5 <br>
\hline Now England ... \& ${ }^{49,6888}$ \& 132,400 \& 387,042 \& 74.2 \& 89.0 \& 65.5 \& 16.6 \& 16.9 \& 19.2 \& 9.2 \& 14.1 \& 15.3 <br>
\hline Mane \& ${ }_{3,122}$ \& ${ }_{9}$ \& 26,124 \& 74.4 \& 66.8 \& ${ }_{61.4}^{66.4}$ \& 1.4 .2 \& ${ }_{15.1}$ \& ${ }_{18,3}$ \& 11.3 \& ${ }_{18.1} 1$ \& ${ }_{20.3}$ <br>
\hline Massactusetts \& 24.178 \& 61,945 \& 181.505 \& 73.1 \& 68.5 \& 65.6 \& 16.9 \& 16.3 \& 19.0 \& 10.0 \& 15.2 \& 15.4 <br>
\hline New Hameshire \& - \& 9,166 \& 30,939 \& ${ }_{74.6}^{76.3}$ \& 71.4 \& ${ }_{6}^{67.5}$ \& 15.1
14.6
18.6 \& 16.3
16.3
18.8 \& 19.4 \& 8.5

108 \& ${ }^{123}$ \& 13.1 <br>
\hline Vermont ...x): \& ${ }^{1,481}$ \& 4,423 \& 13,227 \& 74.6 \& 67.5 \& 63.4 \& ${ }_{14.9}$ \& ${ }_{17.1}$ \& 20.9 \& 10.5 \& 15.5 \& 15.7 <br>
\hline Mddeast. \& 182,568 \& 460,399 \& 1,256,684 \& 76.4 \& 68.5 \& 63.8 \& 15.2 \& 16.2 \& 18.7 \& \& 15.3 \& 17.5 <br>
\hline Delaware \& 2, \& ${ }_{7}^{6,9315}$ \& ${ }_{18,59}^{20,95}$ \& ${ }_{743}^{76.4}$ \& 72.6 \& \& 173 \& ${ }_{14.0}^{150}$ \& 19.6
175
18 \& ${ }^{6.3}$ \& ${ }_{225}^{12.5}$ \& ${ }_{20}^{14.3}$ <br>
\hline Manlund \& 16,187 \& 46.192 \& 140,068 \& ${ }_{80.0} 8$ \& ${ }_{72.2}$ \& 6.8 \& ${ }_{12.5}$ \& ${ }_{14.8}^{14.8}$ \& ${ }_{18.1}$ \& 7.5 \& ${ }_{13.0}$ \& ${ }_{15}{ }^{2} .0$ <br>
\hline New Jersey ..... \& 32,201 \& ${ }^{86,872}$ \& 250,2,25 \& 77.6 \& 70.8 \& 66.3 \& 14.8 \& 16.8 \& 20.3 \& 7.6 \& 12.4 \& 13.5 <br>
\hline  \&  \& ${ }^{199,9,50}$ \& - \& ${ }_{76.9} 72.8$ \& ${ }_{68.6}^{66.6}$ \& 62.6

62.6 \& ${ }_{16.3}^{16.9}$ \& | 17.3 |
| :--- |
| 14.9 | \& 18.3

18.4
18.7 \& 10.8
9.8 \& 16.1
16.5
180 \& 19.1
19.0 <br>
\hline \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline linois .... \& \& ${ }^{126,025}$ \& 1,318,061 \& 78.2 \& 70.6 \& ${ }_{66.7}^{60.7}$ \& ${ }_{14.4}$ \& ${ }_{16.6}^{16.6}$ \& 19.1 \& 7.7 \& ${ }_{12.7}$ \& 14.2 <br>
\hline Indiena...... \& 19,035 \& 51.230 \& 132,001 \& 81.0 \& 72.0 \& 68.9 \& 11.7 \& 15.2 \& 162 \& 77.7 \& ${ }_{128}^{12.8}$ \& 14.9 <br>
\hline  \& 35,848 \& ${ }^{95,312}$ \& 239,307 \& 79.7 \& ${ }_{709}^{70,7}$ \& ¢78. \& ${ }^{12.6}$ \& 14.0 \& 17.5 \& \& 15.4 \& ${ }_{178}^{15.4}$ <br>
\hline  \&  \& ${ }_{46,644}$ \& 262,325 \& 77.0 \& 70.2 \& 66.9 \& 14.0 \& 15.5 \& ${ }_{18.1}$ \& 8.9 \& 14.3 \& 15.0 <br>
\hline Plans ...... \& 57,805 \& 163.679 \& 432,418 \& 78.6 \& 68.4 \& 66.0 \& 14.2 \& 18.0 \& 18.5 \& 9.2 \& 13.6 \& 15.5 <br>
\hline \& coich \& cenemen \&  \& ${ }_{76.1}^{76.1}$ \& ${ }^{66.8}$ \& 66.0

657 \& ${ }^{15.0}$ \& 19.9 \& ${ }^{18.3}$ \& 8.9 \& ${ }_{13,1}^{13,3}$ \& | 15.7 |
| :--- |
| 152 | <br>

\hline Minnesola \& 14,111 \& 41,497 \& 119,350 \& 77.3 \& 71.3 \& 66.5 \& 13.9 \& 16.0 \& 17.6 \& 8.9 \& 12.8 \& 13.9 <br>
\hline Missouri \& 16,495 \& 46, 116 \& ${ }^{123,366}$ \& ${ }_{7} 76.7$ \& 67.7 \& ${ }_{6}^{63.7}$ \& 14.0 \& 17.7 \& 19.4 \& 8.4 \& 14.6 \& 16.9 <br>
\hline Netraska \& 5, \& 14,364 \& -3,862 \& 75.7 \& 67.5 \& ${ }_{63.8}^{67.2}$ \& 15.6 \& 19.5 \& \& \& ${ }^{138}$ \& 14.6 <br>
\hline  \& 1,975 \& $\stackrel{5}{5,428}$ \& cis 15.303 \& ${ }_{76.3}$ \& ${ }_{64,4}^{664}$ \& ${ }_{64.8}^{63.8}$ \& ${ }_{13.4}^{14.4}$ \& ${ }_{20,3}^{22.9}$ \& ${ }_{18.2}$ \& 10.2 \& ${ }_{15.3}$ \& 17.0 <br>
\hline cutheast. \& 133,575 \& 454,253 \& 1,411,299 \& 77.8 \& 69.1 \& 63.9 \& 12.5 \& \& \& \& 15.5 \& <br>
\hline Alabama \& \& ${ }^{30,179}$ \& \& 79.5 \& 70.8 \& 65.2 \& \& 12.1 \& 14.7 \& \& \& 20.1 <br>

\hline A.fkansas \& 5, \& 1,729 \& 4,584 \& 75.7 \& 66.1 \&  \& ${ }^{1105}$ \& ${ }_{23.8}^{15.8}$ \& ${ }^{14.7}$ \& | 12.7 |
| :--- |
| 10.7 | \& ${ }^{18.8 .8}$ \& ${ }_{18}^{28.7}$ <br>

\hline $\stackrel{\text { Florar }}{ }$ Georgia \& -2,431 \& ${ }_{46,264} 9$ \& 3468,899 \& 880.7 \& 73.0 \& 69.6 \& 10.9 \& 13.1 \& 15.7 \& 8.5 \& 13.9 \& 14.7 <br>
\hline Kentucky . \& 9,488 \& 29,734 \& ${ }^{76,885}$ \& 78.7 \& 70.3 \& 64.5 \& 10.6 \& 13.4 \& ${ }^{15.6}$ \& 10.7 \& 16.3 \& <br>
\hline Louisiara. \& - 10.472 \& ${ }^{3,7,366}$ \& ${ }^{8,5745}$ \& 78.3 \& ${ }^{7} 9$ \& 63.5 \& 19.6 \& 1.3, \& 15.0 \& ${ }_{113} 1.1$ \& ${ }^{193}$ \& ${ }_{227}^{21.5}$ <br>
\hline North Caplin \& ${ }_{15}^{15236}$ \& ${ }_{47} 4736$ \& 162,602 \& 81.9 \& ${ }_{73} 3$ \& ${ }_{68.0}$ \& 10.1 \& \& 15.5 \& 8.0 \& 14.0 \& <br>
\hline South Carolina \& 7 7,204 \& ${ }^{2} 2.954$ \& 73,990 \& 82.0 \& 72.9 \& 6.0 \& 9.4 \& 11.8 \& 15.1 \& 8.6 \& 15.3 \& 18.9 <br>

\hline Tennessee \& citic30 \&  \& 116,760 \& ${ }^{80.2}$ \& 71.8 \& ${ }_{6}^{67.9}$ \& ${ }_{10}^{10.5}$ \& ${ }_{14.6}^{13.0}$ \& | 14.2 |
| :--- |
| 18.6 |
| 1 | \& 8.3 \& | 153 |
| :--- |
| 13.6 | \& <br>

\hline West Vigginia ...... \& 4,868 \& 15,720 \& ${ }_{33,155}$ \& 76.3 \& 68.2 \& 59.0 \& 10.6 \& 12.3 \& 15.4 \& 13.0 \& 19.4 \& 25.6 <br>
\hline Southwest. \& 54,463 \& 207,671 \& 617,538 \& \& \& \& \& \& \& \& \& <br>
\hline Artiona \& 6.023 \& ${ }^{25.626}$ \& ${ }^{94,596}$ \& 74.3 \& ${ }^{68.0}$ \& 64.3 \& 16.1 \& 17.8 \& 18.4 \& 9.6 \& 14.2 \& 17.3 <br>
\hline  \& 2,940 \& -10.807 \& 32, ${ }^{32} \times 14$ \& ${ }_{753} 77.2$ \& 70.6
70.9 \& ${ }_{6}^{63.5}$ \& 12.3
13.0
1 \& ${ }_{15.1}^{14.4}$ \& ${ }_{162}$ \& 10.7 \& ${ }_{14.0}$ \& ${ }_{20} 20.2$ <br>
\hline 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 <br>
\hline Rocky Moumaln \& 16,932 \& - 63,593 \& 188,318 \& ${ }_{7} 76.6$ \& 72.4 \& 87.9 \& 14.3 \& \& 17.9 \& \& \& <br>
\hline Cold \& +i,036 \& cince \&  \& ${ }_{78.4}^{75.4}$ \& 72.5 \& ${ }_{66.9}^{68.5}$ \& ${ }^{15.6}$ \& 16.3
16.2
16 \& ${ }^{18.6}$ \& 9.0 \& ${ }_{\text {lin }}^{10.3}$ \& 12.9
15.9 <br>
\hline Montana \& 2 \& 6,945 \& 16,896 \& 75.0 \& 66.0 \& 56.9 \& 14.6 \& 19.2 \& 21.1 \& 10.4 \& 14.9 \& 19.9 <br>

\hline  \& - ${ }_{\text {1,171 }}$ \&  \& 39,199 \& ${ }_{7}^{79.3}$ \& ${ }_{76.3}^{74.6}$ \& | 72.2 |
| :--- |
| 61.8 | \& | 11.9 |
| :--- |
| 15.4 |
| 1 | \& 13.0

15.3 \& ${ }_{22,3}^{13.9}$ \& ${ }_{8.3}^{8.9}$ \& ${ }_{8.4}{ }^{2.4}$ \& 13.8
15.9 <br>
\hline Far West... \& 117,309 \& 378,319 \& 1,107,835 \& 75.5 \& \& \& \& \& 18.6 \& \& \& <br>
\hline \& \& 5.611 \& 14,8010 \& 87.2 \& 83.0 \& 67.8 \& 8.0 \& 8.6 \& 13.9 \& 4.9 \& 8.4 \& 18.3 <br>
\hline Cailiomia \& cen ${ }_{\text {g332 }}$ \& 281,595 \& 80,995 \& 74.9 \& ${ }_{730}$ \& ${ }_{66.1}^{65.7}$ \& ${ }_{14,3}^{15.1}$ \& ${ }_{14,9}^{169}$ \& 18.8 \& ${ }_{6} 6.5$ \& $\stackrel{1}{123}$ \& ${ }_{162}$ <br>
\hline Nevada - .-7*) \& ${ }_{2}^{2}, 157$ \& 9,420 \& 41.699 \& 79.6 \& 73.3 \& 68.0 \& 13.3 \& 15.3 \& 18.3 \& 7.1 \& 11.4 \& 13.7 <br>
\hline \& (7, ${ }^{7363}$ \& 26,315 \& -73,922 \& 75.5

76.8 \& ${ }_{70.7}^{68.6}$ \& ${ }_{65.9}^{64.5}$ \& | 14.8 |
| :--- |
| 13.9 | \& ${ }_{1}^{17.3}$ \& 19.2

18.3 \& ${ }_{9.3}^{9.7}$ \& ${ }_{13.6}^{14.1}$ \& | 16.3 |
| :--- |
| 15.7 | <br>

\hline Wastington ... \& ${ }_{13,681}$ \& \& \& \& \& \& \& \& \& \& \& <br>
\hline
\end{tabular}

Table J.3.-Per Capita Personal Income and Per Capita Disposable Personal Income for States and Regions, 1994-96


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

| State and region | Rank of total grosstate product | $\begin{gathered} \text { Total } \\ \text { gross } \\ \text { state } \\ \text { procuct } \end{gathered}$ | Farms | Agricultural services, forestry, fishing | Mining | Construction | Manutacturing |  |  | $\begin{gathered} \text { Transpor- } \\ \text { tation } \\ \text { and } \\ \text { putbic } \\ \text { utilitics } \end{gathered}$ | $\begin{gathered} \text { Whole- } \\ \text { sale } \\ \text { trade } \end{gathered}$ | Retail trade | Finance, insurance, and real estate | Services | Federai civilian govern-ment | Federal military government | $\begin{gathered} \text { State and } \\ \text { local } \\ \text { govent. } \\ \text { ment } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | Total | $\begin{aligned} & \text { Durable } \\ & \text { goods } \end{aligned}$ | Nondurable goods |  |  |  |  |  |  |  |  |
| United States |  | 6,835,641 | 82,197 | 35,651 | 90,058 | 269,232 | 1,197,098 | 673,139 | 523,959 | 606,354 | 461,863 | 609,908 | 1,273,678 | 1,342,720 | 182,6 | 79,948 | 604,294 |
| New England |  | 389,259 | 1,182 | 1,915 | 237 | 13,158 | 66,134 | 43,392 | 22,743 | 27,786 | 25,962 | 33,195 | 92,056 | 88,578 | 6,712 | 2,084 | 30,258 |
| Connecticut | 21 | 110,449 | 280 | 504 | 38 | 3,646 | 18,612 | 12,231 | 6,381 | 7.744 | 7,328 | 8,813 | 30,138 | 22,939 | 1,510 | 579 | 8,319 |
| Maine |  | 26,069 | 221 | 267 | 12 | 1,142 | 4,639 | 2,200 | 2,439 | 1,864 | 1,510 | 3,159 | 4,742 | 4,816 | 827 | 342 | 2.528 |
| Massachusetts. | 10 | 186,199 | 296 | 777 | 113 | 5,943 | 30,387 | 20,245 | 10,142 | 12,883 | 13,237 | 14,784 | 42,919 | 47,245 | 3,134 | 678 | 13,804 |
| New Hampshire.. | 40 | 29,393 | 94 | 138 | 29 | 1,031 | 6,053 | 4,336 | 1,718 | 2,327 | 1,742 | 2,913 | 6,502 | 5,723 | 448 | 67 | 2,326 |
| Rhode Island ............................... | 44 | 23,867 | 析 | 147 | 14 | 822 | 4.148 | 2,776 | 1,372 | 1,739 | 1,274 | 2,204 | 5,456 | 5.151 | 477 | 354 | 2,026 |
| Vermont ....................................... | 50 | 13,282 | 234 | 82 | 31 | 574 | 2,296 | 1,605 | 691 | 1,229 | 872 | 1,323 | 2,299 | 2,704 | 317 | 65 | 1,256 |
| Mldeast .... |  | 1,327,798 | 4,504 | 4,012 | 2,355 | 45,626 | 183,235 | 85,106 | 98,129 | 114,721 | 86,894 | 100,291 | 321,733 | 294,563 | 46,598 | 7,278 | 115,987 |
| Delaware | 41 | 26,697 | 221 |  |  |  | 5,397 | 1,486 | 3,911 | 1,354 | 1,046 | 1,613 | 10,414 | 3,419 | 358 | 273 | 1,733 |
| District of Columbia ...................... |  | 48,028 | 0 | 13 | ${ }^{7}$ | 428 | 1,267 | 153 | 1,114 | 2.596 | 577 | 1,367 | 6,888 | 15,636 | 16,102 | 1,166 | 1,981 |
| Maryland .................................. | 16 | 132,703 | 01 | 610 | 111 | 6,536 | 11,442 | 5,676 | 5.766 | 11,144 | 8.199 | 11,787 | 29,253 | 29,531 | 9,956 | 2,117 | 11,416 |
| New Jersey | 8 | 254,945 | 479 | 864 | 152 | 9,261 | 36,841 | 12,144 | 24,698 | 25,750 | 23,374 | 19,096 | 57,125 | 54,124 | 4,186 | 832 | 22,862 |
| New York .................................... | 2 | 570,994 | 1,399 | 1,221 | 428 | 16,661 | 70,346 | 35,556 | 34,790 | 46,605 | 35,683 | 40,005 | 164,089 | 129,468 | 8,443 | 1,804 | 54,850 |
| Pennsylvania ................................ | 6 | 294,431 | 1,805 | 1,229 | 1,653 | 11,852 | 57,941 | 30,091 | 27,850 | 27,272 | 18,014 | 26,523 | 53,972 | 62,385 | 7.553 | 1,087 | 23,145 |
| Great Lakes |  | 1,111,598 | 11,265 | 4,418 | 4,459 | 45,155 | 284,542 | 188,314 | 96,229 | 90,978 | 77,674 | 97,284 | 179,209 | 199,563 | 19,212 | 4,025 | 94,713 |
| lilinois |  | 332,853 | 3,515 | 1,321 | 1,273 | 14,086 | 62,441 | 35,277 | 27,164 | 31,940 | 26,639 | 27,549 | 63,253 | 66,853 | 6,357 | 1,686 | 25,938 |
| Indiana... | 15 | 138,90 | 1,839 | 531 | 753 | 6,493 | 41,843 | 29,115 | 12,728 | 11,407 | 8,382 | 12,734 | 18,448 | 21,325 | 2,725 | 479 | 11,229 |
| Michigan |  | 240,390 | 1,486 | 887 | 938 | 8,584 | 71,415 | 54,414 | 17,001 | 16,156 | ${ }^{16,373}$ | 19,958 | 36,385 | 42,288 | 2,814 | 527 | 22,580 |
| Ohio ..... |  | 274,844 | 2,121 | $\uparrow$ †,039 | 1,238 | 10,583 | 73,887 | 48,605 | 25,282 | 22,592 | 18,534 | 25,922 | 41,404 | 47,899 | 5,225 | 1,032 | 23,366 |
| Wisconsin .................................. | 19 | 125,321 | 2,302 | 640 | 258 | 5,409 | 34,956 | 20,903 | 14,053 | 8,882 | 7,745 | 11, 120 | 19,719 | 20,298 | 2,091 | 300 | 11,600 |
| Plains ...... |  | 455,013 | 17,428 | 2,562 | 2,466 | 19,202 | 88,359 | 49,443 | 38,916 | 43,306 | 34,207 | 41,979 | 69,161 | 79,879 | 10,786 | 4,102 | 41,575 |
| lowa ..... | 29 | 68,298 | 4,238 | 553 | 156 | 2,700 | 16,699 | 9,775 | 6,924 | 5,388 | 4,718 | 5,966 | 9,632 | 10,090 | 1,263 | 191 | 6,706 |
| Kansas. | 31 | 61,758 | 2,529 | 348 | 815 | 2,402 | 10,727 | 5,638 | 5,090 | 7,444 | 4,545 | 5,956 | 7,831 | 10,003 | 1,584 | 1,347 |  |
| Minnesota | 17 | 124,64 | 1.751 | 563 | 356 | 5,823 | 27,017 | 14,477 | 12.540 <br> 1 | 13,476 | 9,406 | 12,493 | 18,734 | 24,172 | 3,549 | 892 | 9,985 |
| M | 36 | $\begin{array}{r}128,216 \\ 41,357 \\ \hline\end{array}$ | 3,160 | 308 | ${ }_{98}$ | 1,714 | 6,031 | 14,47 <br> 3,088 | 2,944 | 4,559 | 3,147 | 3,488 | 5,937 | - ${ }_{6}$ | 1,104 | 587 | 4,500 |
| North Dakota | 49 | 13,494 | 1,286 | 84 | 349 | 588 | 979 | 534 | 445 | 1,496 | 1,255 | 1,291 | 1,673 | 2,302 | 358 | 494 | 1,341 |
| South Dakota. | 46 | 17,250 | 1,642 | 173 | 185 | 657 | 1,956 | 1,422 | 534 | 1,378 | 1,076 | 1,652 | 3,487 | 2,706 | 567 | 288 | 1,483 |
| Southeast ...................................... |  | 1,478,627 | 20,175 | 7,841 | 21,509 | 60,747 | 282,972 | 126,435 | 156,537 | 143,740 | 97,808 | 144,130 | 226,278 | 263,453 | 45,781 | 31,01 | 133,092 |
| Alabama. | 25 | 88,661 | 1,512 | 460 | 1,184 | 3,496 | 19,398 | 9.593 | 9,805 | 8,821 | 5.515 | 8.926 | 10,860 | 14,045 | 4,173 | 1,411 | 8.861 |
| Ankansas. | 33 | 50,575 | 2,035 | 315 | 382 | 1,846 | 12,578 | 6,757 | 5,820 | 6,196 | 3,077 | 5,193 | 5,637 | 7,272 | 1,179 | 411 | 4,455 |
| Florica | 5 | 317,829 | 3,399 | 2,735 | 711 | 14,592 | 26,6i2 | 15,079 | 11,533 | 29,914 | - 22,644 | 35,783 | 68,123 | 72,639 31980 | 6,6699 | 4,573 | 29,435 <br> 15085 <br> 1085 |
| Georgia | 11 | 183,042 | 2,491 | 768 | 752 | 6,707 | 32,576 | 13,383 | 19,192 | 21,865 | 16,355 4770 | 16,714 | ${ }_{9}^{28,563}$ | 31,980 | ${ }^{5,667}$ | ${ }^{3,519}$ | 15,085 738 |
| Kentucky | 22 | -86,485 | $\begin{array}{r}1,867 \\ 882 \\ \\ \hline\end{array}$ | 442 369 | 2,941 | 3,476 | 23,221 17,417 | +12,545 | 10, 107 10,107 | 8,305 11,059 | 5,784 | 8,717 | 13,260 | 16,738 | 1,841 | 1,320 | 9,241 |
| Missisisippi . | 32 | 50,587 | 1,256 | 287 | 356 | 1,855 | 11,854 | 7,015 | 4,839 | 6,228 | 2,840 | 5,008 | 5,680 | 7,597 | 1,522 | 1,064 | 5,039 |
| North Carolina | 12 | 181,521 | 3,420 | 786 | 229 | 7,078 | 53,629 | 19,739 | 33,890 | 14,315 | 11,692 | 16,338 | 23,465 | 26,345 | 3,148 | 4,882 | 16,994 |
| South Caroina .............................. | 27 | 79,925 | 724 | 363 | 158 | 3,473 | 21,787 | 8,403 | 13,384 | 6,399 | 4,367 | 8 8,043 | 10,297 | 11,632 | 1,864 | 2,273 | 8.545 |
| Tennessee ...... | 18 | 126,539 | 1,1242 | 476 | 347 | 4.677 | 30,611 | 16.049 | 14,562 | 10,646 | 9,232 | 13,881 | 16,217 | 23,663 | 4,450 | 694 | 10,403 |
| Virginia, ......... | 13 | 177,708 | 1,147 | 737 | 1,074 | 7,443 | 27,435 | 11,047 | 16,389 | 15,425 | 9,694 | 14,820 | 30,823 | 33.594 | 11,646 | 9,009 | 14,860 |
| West Virginia .................................. | 39 | 34,654 | 200 | 101 | 3,380 | 1,675 | 5,854 | 2,514 | 3,341 | 4,567 | 1,836 | 3,057 | 3,838 | 5,477 | 939 | 142 | 3,587 |
| Southwest |  | 677,888 | 8,347 | 3,541 | 39,652 | 28,989 | 105,712 | 61,747 | 43,964 | 72,514 | 46,743 | 62,877 | 98,977 | 120,958 | 17,331 | 9,967 | 62,281 |
| Arizona ..... |  | 94,093 | 810 | 673 | 1,114 | 5,116 | 13,973 | 11,155 | 2,817 | 8,345 | 5.677 | 10,034 | 17,115 | 18,155 | 2.538 | 1,200 | 9,343 |
| New Mexico | 37 | 37,832 | 564 | 178 | 2,702 | 1,781 | 5,117 | 4,422 | 695 | 3,672 | 1,645 | 3.551 | 5,130 | 6.595 | 1,791 | 834 | 4,272 |
| Oklahoma ....... | 30 | 66,189 | 1,591 | 311 | 3,281 | 2,069 | 11,060 | 6,615 | 4,445 | 7,281 | 4,051 | 6,663 | 8,203 | 10,788 | 2,500 | 1,476 | 6,915 |
| Texas ............. | 3 | 479,774 | 5,381 | 2,379 | 32,556 | 20,024 | 75,562 | 39,555 | 36,007 | 53,216 | 35,369 | 42,630 | 68,529 | 85,419 | 10,502 | 6,456 | 41,750 |
| Rocky Mountaln .............................. |  | 198,132 | 3,989 | 1,120 | 8,816 | 10,271 | 24,790 | 15,011 | 9,79 | 22,017 | 11,869 | 19,563 | 29,743 | 37,142 | 7,215 | 3,034 | 18,564 |
| Colorado ... | 23 | 99,767 | 1.180 | 506 | 1.660 | 5,234 | 12,299 | 7,197 | 5,102 | 11,014 | 6,341 | 10,039 | 16,825 | 20,626 | 3,424 | 1,885 | ${ }^{8,736}$ |
| Idaho ... | 43 | 24,185 | 1,260 | ${ }^{276}$ | 169 | 1,536 | 4,612 | 3,030 | 1,583 | 2,181 | 1,456 | 2.502 | 3,092 | 3,771 | 760 | 268 | 2,301 |
| Montana ... | 47 | 16,862 | 835 | 135 | 837 | 758 | 1,317 | 763 | ${ }^{5655}$ | 2,152 | 1,049 | 1,714 | ${ }_{5}^{2,261}$ | 3,061 | 742 | ${ }_{41}^{266}$ | 1,734 |
| Wyoming ....... | 35 48 | 41,667 15,660 | 418 297 | 123 79 | 1,484 4,666 | 2,151 591 | 5,891 6 | $\begin{array}{r}3,806 \\ \hline 215\end{array}$ | 2,086 455 | 4,008 2,662 | 2,532 492 | +1,040 | 1,961 1 | 8,221 1,464 | 1,988 | 202 | 1,447 |
| Far West. |  | 1,197,326 | 15,306 | 10,241 | 10,563 | 46,094 | 161,354 | 103,692 | 57,662 | 91,293 | 80,707 | 110,589 | 256,519 | 259,485 | 29,015 | 18,357 | 107,814 |
| Alaska | 45 | 22,720 |  |  | 4,238 | 1,038 | 1,149 |  |  | 3,835 | 672 | 1,539 | 2,480 | 2,653 | 1,113 | 1,094 | 2.535 |
| California | 1 | 875,697 | 11,171 | 7,189 | 4,459 | 29,222 | 121,842 | 76,608 | 45,234 | 63,122 | 59.860 | 79,662 | 199,078 | 193,314 | 18.900 | 11,187 | 76.691 |
| Hawaii | 38 | 36,718 | 282 | 198 | 26 | 2,151 | 1,128 | 296 | 832 | 3,475 | 1,414 | 4,063 | 8,584 | 7.586 | 1,745 | 2,623 | 3,442 |
| Nevada .... | ${ }^{34}$ | 47,958 | 42 | 1784 | 1,438 | 3.090 | 2,002 | 1,269 | 733 | 3,376 | 1,990 | 4,084 | ${ }^{8,0564}$ | 14,967 | 840 | 23 | 3,356 |
|  | 28 14 | 74,366 143,667 | 1,481 2,212 | $\begin{array}{r}734 \\ 1,586 \\ \hline\end{array}$ | 96 306 | 3,447 7,137 | 14,814 20,418 | 11,260 13,942 | 3,554 6,476 | $\begin{array}{r}5,909 \\ \hline 11,576\end{array}$ | 5,888 10,882 | 6,773 14,467 | 12,464 25,856 | 13,248 27,716 | 2,020 4,397 | 2,795 | 7,269 14,519 |

NoTe.-Totals shown for the United States differ from the NIPA estimates of gross comestic product (GDP) because State data exclude the statistical discrepancy (the cifiterence between GDP and gross domestic income), the compensation of Federal civilian and military personnel stationed abroad, and government consumption of fixed cap-
ital for miliary structures located abroad and for military equipment, except ottice equipment; they may also differ trom the GDP estimates because of differences in revision schedules.

## K. Local Area Table

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

| Area name | Personal income |  |  |  | Per capita personal income ${ }^{3}$ |  |  |  | Area name | Personal income |  |  |  | Per capita personal income ${ }^{3}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mililions of dollars |  |  | Percent change ${ }^{2}$ | Dollars |  |  | $\begin{gathered} \text { Rank in } \\ \text { U.S. } \end{gathered}$ |  | Mililions of dollars |  |  | Percent change ${ }^{2}$ | Doilars |  |  | $\begin{array}{\|c} \hline \begin{array}{c} \text { Rank in } \\ \text { U.S. } \end{array} \\ \hline 1995 \\ \hline \end{array}$ |
|  | 1993 | 1994 | 1995 | 1994-95 | 1993 | 1994 | 1995 |  |  | 1993 | 1994 | 1995 | 1994-95 | 1993 | 1994 | 1995 |  |
| United States ${ }^{1}$ $\qquad$ <br> Metropolltan portion | $\begin{aligned} & 5,471,129 \\ & 4,627,255 \end{aligned}$ | $\begin{aligned} & 5,739,851 \\ & A, 850,24 \end{aligned}$ | $\left\|\begin{array}{\|} 6,097,977 \\ 5,162,277 \end{array}\right\|$ | $\begin{aligned} & 6.2 \\ & 6.4 \end{aligned}$ | $\begin{array}{\|l\|l\|} \hline 21,2,23 \\ 2,481 \end{array}$ | $\begin{array}{\|l\|l\|} \hline 22,044 \\ 23,327 \end{array}$ | $\begin{array}{\|l\|l\|} \hline 23,196 \\ \text { 9A } \end{array}$ |  | Coloraco Sp | 8,301 | 8,931 | 9,660 | 8.2 | 19,104 | 19,684 | 20,770 | 166 |
| Nonmetropolitan portion ................................... | 844,874 | 889,607 | -935,700 | 5.2 | 86,239 | 16,959 | 17,658 |  | Columbia, MO | 2,290 | 2,443 | 2.608 | 6.7 | 212 | 78 | 21,137 | 157 |
| Consolidated Metropolitan Statistical Areas |  |  |  |  |  |  |  |  | columbia, Columbus, ${ }^{\text {a A-A }}$ Columbus, OH | 4,612 30,328 | 9,818 4,798 32,441 | 5,060 34,614 | 6.6 5.4 6.7 | $\left[\begin{array}{l} 19,362 \\ 17,023 \end{array}\right]$ $[21,525]$ | 20,782 17.549 28825 | 21,73 18,616 24,132 | 131 259 68 |
| Chicago-Gary-Kenosha, IL-IN-WI ... | 210,079 | 220,224 | 234,889 | 6.7 | 24,869 | 25,906 | 27,481 |  | Corpus Christi, | 6,128 | 6,469 | 6,833 | 5.6 | 16,594 | 17,190 | 17,984 | 285 |
| Cincinnati-Hamilton, $\mathrm{OH}-\mathrm{KY}-\mathrm{NN}$...... | 40,549 | 42,522 | 45,310 | 6.6 | 21,559 | 22,436 | 23,752 |  | Cumberland, MD | 1,610 | 1,682 | 1,765 | 5.0 | 15,994 | 16,627 | 17.460 | 293 |
| Claveland-Akron, OH ................... | 64,737 | 67,827 | 72,102 | 6.3 | ${ }_{2}^{22,388}$ | 23,350 | 24,792 |  | Dalias TT* | 68,719 | 73,638 | 79,737 | 8.3 5 | 24,084 | 25,298 | 26,803 | ${ }^{32}$ |
|  | 911,988 | 105,222 | 113,633 59,361 | 8.0 | ${ }_{24,211}^{23,006}$ | 24,034 | 26,4881 |  | Davenport-Moine-Rock isiand, IA- | 1,793 | ,865 | 5 |  |  | 10,972 | 17,930 |  |
| Detroit-Ann Arbor-Filit, M1 | 121,251 | 131,581 | 140,169 | 6.5 | 23,139 | 25,117 | 26,646 |  | L . | 7,016 | 7,337 | 7,722 | 5.3 | 19,646 | 20,534 | 21,588 | 137 |
| Houston-Galveston-Brazoria, TX .... | 93,005 | 97,330 | 104,073 | 6.9 | 23,048 | 23,693 | 24,910 |  | Dayton-Springifield, OH ... | 19,884 | 20,823 | 22,132 | 6.3 | 20,734 | 21,834 | 23,238 | 89 |
| Los Angeles-hiverside-Orange County, CA | 331,389 | 337,711 | 357,571 | 5.9 | 21,822 | 22,122 | 23,290 |  | Daytona Beach, FL | 析 | 7,867 | 8,464 | 7.6 | 17,120 | 17,742 | 94 | 249 |
| Miami-Fort Lauderdale, FL ............ | 71,8 | 74,618 | 80,095 | 7.3 | 21,514 | 21,965 | 23,155 |  | Decatur, AL | 2,466 | 2,623 | ${ }_{2}^{2,712}$ | 5.7 | 17,912 | 17,069 | 19,955 | 134 |
| Milwaukee-Racine, WI ................... | 37,629 | 39,592 | 42,025 | 6.1 | 23,036 | 24,182 | 25,636 |  | Decatur, IL | 2,360 | 2.4 | 2,5 | 3.4 | 20,106 | 20,851 |  | 134 |
| New York-No. New Jersey-Long is- |  |  |  |  |  |  |  |  | Des Moines, İA | 9,387 | 10,014 | -19,509 | 6.9 | 22,747 | 23,987 | 25,331 | 45 |
| and, NY-NJ-CT-PA .......... | 564,130 | 585,058 | 619,024 | 5.8 | 28,691 | 29,654 | 31,280 |  | Detroit, M\|* | 100,582 | 108,703 | 115,754 | 6.5 | 23,395 | 25,320 | 26,889 | 31 |
| Philadelphia-Wilmington- |  |  |  |  |  |  |  |  | Dothan, AL | 2,264 | 2,372 | 2,506 | 5.7 | 16,919 | 17,819 | 18,777 | 250 |
| Portiand-Salem, OR-W | 41,382 | 44,382 | 48,170 | 8.5 | 21,236 | 22,308 | 20,921 |  | Dover, DE | 2,069 | 2,177 | 2,344 | 7.7 | 17,49 |  |  | 226 |
| Sacramento-Yolo, CA | 33,416 | 35,017 | 37,534 | 7.2 | 21,212 | 22,052 | 23,332 |  | Duluth-Superior, MN-WI | 4,338 | 4,540 | 4,782 | 5.3 | 17,959 | 18,834 | 13,959 | 195 199 |
| San Francisco-Oakland-San Jose, CA | 18 | 187 |  | 7.3 | 5 | 28,901 | 30,802 |  | Dutchess Coun | 6,092 | 6,132 | 6,3 |  | 177 | 23,474 | 24,098 | 69 |
| Seatle-Tacoma-Bremerton, WA .... | 77,103 | 80,757 | 85,826 | 6.3 | 24,214 | 25,062 | 26,231 |  | Eau Claire | 2,440 | 2,584 | 2,7 | 6.5 | 17,292 | 18,218 | 19,3 | 225 |
| WV $\qquad$ | 185,306 | 194,456 | 204,023 | 4.9 | 26,550 | 27,584 | 28,706 |  | El Paso, To | -8,391 | 8,809 <br> 3,564 | 9,299 3,780 | 5.6 6.1 | 12,964 20,485 | 13,219 | 22,660 | 312 107 |
| Metropolltan Statistical Areas ${ }^{4}$ |  |  |  |  |  |  |  |  | Elimira, NY | 1,686 | 1,773 | ${ }^{1,863}$ | 5.0 | 17,745 | 18,766 | 19,8 | 206 |
| Abilene, TX | 2,117 | 2,153 | 2,299 | 6.8 | 17.407 | 17,720 |  | 254 | Endid, | 1,031 | ${ }_{5}^{1,063}$ | 5, 5189 |  | ${ }^{18,246}$ | 18,719 | 19, | ${ }_{168}$ |
| Akron, $\mathrm{OH}^{+}$ |  | 14,69 | 15,620 | 6.3 | 20,663 | 21,828 | 23,103 | 92 | Eugene-Springfield, OR | 5,327 | 5,667 | 6,043 | 6.6 | 18,036 | 18,932 | 19,917 | 202 |
| Albany, GA | 1,915 | 2.063 | 2,199 | 6.6 | 16.507 | 17,711 | 18,849 | 246 | Evansville-Henderson, $\mathbb{N}-\mathrm{K}$ | 5,853 | 6,071 | 6,360 | 4.8 | 20,505 | 21,184 | 22,124 | 124 |
| Albany-Schenectady-Troy, | 19,396 | 20,365 | 21,004 | 3.1 | 22,194 | 23,082 | 23.837 | 73 | Fargo-Moorhead, ND-MN. | 2,952 | 3,165 | 3,348 | 5.8 | 18,46 | 19,535 | 20,433 | 180 |
| Albuquerque, NM | 12,071 | 13,056 | 14,188 | 8.7 | 19,145 | 20.175 | 21,452 | 142 | Fay |  |  | 5210 |  | 16.813 | 1725 | 289 |  |
|  | 13,250 | 13,794 | 14,580 | 5.7 | 21,754 | 22,554 | 23,801 | 124 74 |  | 4,319 | 4,696 | 5,078 | 8.1 | 18,39 | 19,2 | 20,060 | 192 |
| Altoona, PA. | 2,287 | 2,379 | 2,495 | 4.9 | 17,338 | 17,963 | 18,891 | 244 | Flagstafi, AZ-UT | 1,679 | 1,820 | 1,948 | 7.0 | 15,124 | 15,959 | 16,733 | 299 |
| Amarilio, TX | 3,673 | 3,916 | 4,188 | 7.0 | 18,801 | 19,664 | 20,464 | ${ }^{177}$ | Flint, M\| ${ }^{\text {+ }}$ | 8.418 | 9,407 | 9,908 | 5.3 | 19,469 | 21,757 | 22,815 | 101 |
| Anchorage, AK ............... | 6,616 | 6,921 | 7,015 | 1.4 | 26,465 | 27,484 | 27,914 | 22 | Florence, AL. | 2,256 | 2,397 | 2,547 | 6.3 | 16,679 | 17,801 | 18,837 | 248 |
| Ann Arbor, M\|* | 12,25 | 13,472 | 14,508 | 7.7 | 24,101 | 26,255 | 27,829 | 24 | Frorence ${ }_{\text {Fort }}$ Sollins-Loveland....... | 4,075 | 2,177 4,368 | 2,301 4,726 | 8.7 | ${ }^{17,285}$ | 20,538 | ${ }^{181,747}$ | 251 130 |
| Anniston, AL | 1,8 | 1,916 | 2,024 | 5.6 | 15,859 | 16,989 | 17,840 | 289 | Fort Lauderdale, $\mathrm{FL}^{\text {L }}$ + | 32,716 | 34,274 | 37,008 | 8.0 | 24,175 | 24,736 | 26,192 | 37 |
| Appleton-Oshkosh | 6,735 | 7.178 | 7.672 | 6.9 | 20,497 | 21,596 | 22,810 | 102 | Fort Myers-Cape Coral, Fi. | 7,784 | 8,259 | 8,880 | 7.5 | 21,672 | 22,450 | 23,66 | 78 |
| Ashevile, NC | ${ }_{2}^{3,920}$ | ${ }_{2}^{4,416}$ | ${ }_{2}^{4,396}$ | 7.8 | 17,390 | 18,094 | 19,320 | ${ }^{288}$ | Fort Pierce-Port St. Lucie, FL | 6,126 | 6,362 | 6,866 | 7.9 | 22,491 | 22,847 | 24,313 | 64 |
| Atlanta, GA | 75,166 | 80,871 | 87,956 | 8.8 | 23,260 | 24,229 | 25,563 | 42 | Fort Smith, AR-OK | 3.014 | 3,244 | 3,428 | 5.7 | 16.410 | 17.515 | 18,167 | 276 |
| Atlantic-Cape May, $\mathrm{NJ}^{*}$ | 8,192 | 8,502 | 8,964 | 5.4 | 24,973 | 25,768 | 27,020 | 29 | Fort Walton Beach, F | 2.914 | 3.060 | 3,237 | 5.8 | 18,49 | 19,007 | 19,795 | 208 |
| Augusta-Aiken, GA-SC | 8,114 8 8 8 | 8,429 | -8,809 | 4.5 | 18,297 | 18,790 | 19,451 | 222 | Fort Wayme, IN. | 9,698 | 10,202 | 10,867 | 6.5 | 20,803 | 21,768 | 2, | 95 |
| Bakersfield, CA | 10,073 | 10,218 | 10,860 | 9.9 | 16,798 | 16,711 | 17,625 | 291 | Fort Worth-Arington, $\mathrm{TX}^{*}$. | 30,015 | 31,585 | 33,896 | 7.3 | 20,867 | 21,522 | 22,665 | 106 |
|  |  |  |  |  |  |  |  |  | Fres | 14,363 | 14,58 | 15,274 | 6.7 | 17,411 | 17.384 | 18,01 | ${ }_{281}^{283}$ |
| Batimo | 12 | 999 | 62,556 | 4.6 | 28 | 17,777 |  | 252 |  |  |  |  |  |  |  |  |  |
| Bangor, ME (NECMA) .... Barnstable-Yarmouth, MA | 2,518 | 2,601 | 2,728 | 4.9 | 17,228 | 17,777 | 18,747 | 252 | Gaiveston-Texas City, ${ }^{\text {a }}$, | 3,473 <br> 4,497 <br> 1 | 3,7631 | 3,065 | 6.6 7.0 | 19,981 | 20,130 | 21,300 | 198 |
| (NECMA) ................... | 4,8 | 5,106 | 5,492 | 7.6 | 25,286 | 26,090 | 27,568 | 25 | Gary, | 11,998 | 12,613 | 13,369 | 6.0 | 19,472 | 20,397 | 21,534 | 139 |
| Baton Rouge, LA | 10,492 | 11,233 | 11,919 | 6.1 | 18,962 | 20,114 | 21,159 | 156 | Glens Falls, NY | 2,146 | 2,267 | 2,364 | 4.3 | 17,602 | 18,598 | 19,326 | 227 |
| Beaumont- | 6,713 2 | 6,959 <br> 8 <br> 8 | $\begin{array}{r}7,348 \\ 2 \\ \hline\end{array}$ | 5.7 6.9 | 17, 198 | 19,5097 | 19,775 | 2212 | Goldsboro, NC | 1,664 | 1,768 | 1,895 | 7.2 | 15,408 | 16,261 | 17,127 | 295 |
| Benion Harbor, Mil | 3,073 | 3,257 | 3,442 | 5.7 | 19,018 | 20,193 | 21,284 | 150 | Grand Forks, NO-MN ................... | 1,707 | 1,809 | 1,906 | 5.4 | 16,492 | 17,326 | 18,297 | 270 |
| Bergen-Passaic, | 40,789 | 42,024 | 44,345 | 5.5 | 31,489 | 32,291 | 33,931 | 4 | Grand Junction, $\mathbf{C O}$ | 1,768 | 1,866 | 2,007 | 7.6 | 17,553 | 18,016 | 18,904 | 243 |
| Billings, MT | 2,361 | 2,515 | 2.662 | 5.8 | 19,543 | 20,472 | 21,345 | 146 | Grand |  |  |  |  | 20,579 |  |  |  |
| Biloxi-Gultport-Pascagoula, MS ...... | 5,374 | 5,852 | 6,104 | 4.3 | 16,315 | 17,339 | 17,856 | 288 | Great Falls MT | 1,500 | 1,52 | 1,624 | 6.4 | 18,682 | 18,803 | 20,043 | 194 |
| Binghamton, NY... | 5,071 | 5,172 | 5,269 | 1.9 | 19,165 | 19,727 | 20,446 | 178 | Greeley, $\mathrm{CO}^{\circ}$ | 2,466 | 2,529 | 2,700 | 6.8 | 17,54B | 17,470 | 18,178 | 275 |
| Birmingham, AL | 17.846 | 18,960 | 20,283 | 7.0 | 20,644 | 21,547 | 22,830 | 99 | Green Bay, WI | 4,349 | 4,622 | 4,936 | 6.8 | 21,236 | 22,267 | 23,429 | 85 |
| Bismarck, ND | 1,627 1 1,939 | 1,697 2 2 | $\begin{array}{r}1,814 \\ 2,147 \\ \hline\end{array}$ | 6.9 5.8 | 17,634 | 17,244 | 20,342 18,603 | 182 261 | Greensboro-Winston-Salem-High |  |  |  |  |  |  |  |  |
| Bloomington-Normal, 11. | 2,797 | 3,056 | 3,213 | 5.1 | 20,722 | 22,417 | 23,229 | 90 | Greenville, NC' | 2,041 | 2,174 | 2,339 | 7.6 | 17,889 | 18,712 | 19,813 | 207 |
| Boise City, ID ...... | 6,932 | 7,629 | 8,330 | 9.2 | 20,711 | 21,885 | 23,052 | 94 | Greenvilie-Spartant |  |  |  |  |  |  |  |  |
| Boston-Worcester-Lawrence-LowellBrockton, MA-NH (NECMA) | 146,890 | 153,749 | 164,718 | 7.1 |  |  |  |  | SC ......................................... | 15,64 | 16,66 | 17,948 | 7.7 | 18,140 | 19,0 | 20,30 | 84 |
| Boulder-Longmont, $\mathrm{CO}^{*}$. | 6,221 | 6,632 | 7,114 | 7.3 | 25,451 | 26,555 | 27,978 | 20 | Hagerstown, MD* | 2,15 | 2,29 | 2,382 | 3.8 | 17,134 | 18,162 | 18,740 | 253 |
|  | 3,775 | 3,970 | 4,240 | 6.8 | 18,112 | 18,662 | 19,595 | 218 | Hamilton-Middletown, $\mathrm{OH}^{*}$. | 6,076 | 6,438 | 6,882 | 6.9 | 17,679 | 20,377 | 21,527 | 141 |
| Bremerton, WA* ............................ | 4,108 | 4,293 | 4,529 | 5.5 | 19,292 | 19,802 | 20,004 | 197 | Harrisburg-Lebanon-Carisise, PA .... | 13.179 | ${ }^{13,751}$ | 14,533 | 5.7 | ${ }^{21,753}$ | 22,546 | 23,752 | 75 |
| Brownsvile-Harlingen-San $B$ |  |  |  |  |  |  |  |  | Hattiord, CT (NECMA) .................. | 29,959 1 1,525 | 30,762 | 32,169 <br> 1,761 | 7.6 | 14,937 | 27,587 | 16,594 | 14 301 |
| TX | 3,259 | 3.476 | 3.682 | 5.9 | 11,246 | 11,610 | 11,960 | 313 | Hickor-Morganton-Lenoir, NC | 5,602 | 5,945 | 6,286 | 5.7 | 18,527 | 19,402 | 20,235 | 186 |
| Bryan-College Station, $7 X$ | 1,877 | 1,985 | 2.086 | 5.1 | 14,524 | 15,187 | 15,872 | 306 | Honolulu, Hi | 21,675 | 22,254 | 22,901 | 2.9 | 25,150 | 25,602 | 26,300 | 35 |
| Butfilo-Niagara Falls, NY | 24,140 <br> 3 | 25,509 4.018 | 26,766 4,280 | 4.9 | 20,254 | 21,475 | 22,645 | 109 | Houma, LA... | 2,759 | 2,963 | 3,126 | 5.5 | 14,808 | 15,80 | 16,585 | 302 |
| Canton-Massillon, OH ..... | 7,625 | 8,052 | 8,535 | 6.0 | 19,014 | 20,054 | 21,222 | 152 | Houston, TX | 84,734 | 88,628 | 94,768 | 6.9 | 23,57 | 24,214 | 25,449 | 43 |
| Casper, WY | 1,414 | 1,469 | 1,550 | 5.5 | 22,476 | 22,978 | 24,248 | 65 | Huntington-Ashland, WV-KY-OH .... | 5,123 | 5,341 | 5,56 | 4.2 | 16,188 | 16,86 | 17,570 | 292 |
| Cedar Rapids, IA ......... | 3,835 | 4,094 | 4,363 | 6.6 | 21,928 | 23,184 | 24,448 | 61 | Hunts | 6,547 | 6,784 | 7,091 | 4.5 | 20,818 | 20,711 | 21,624 | 135 |
| Champaign-UUrbana il | 3,125 | 3,235 | 3,399 | 4.8 | 18,442 | 17,518 | 20,376 | 181 | Indianapolis, | 32,605 | 34,40 | 36,402 | 5.7 | 22,60 | 23,58 | 24,664 | 55 |
| Charleston-North Charleston, SC ... | 8.879 | 9,168 | 9,447 | 3.0 | 16,919 | 17,769 | 18,840 | 247 | lowa City, IA | 2,04 | 2,206 | 2,321 | 5.2 | 20.612 | 21,926 | 22,894 | 98 |
| Charleston, WV ........................... | 5,201 | 5,434 | 5,744 | 5.7 | 20,465 | 21,352 | 22,562 | 112 | Jackson, MI | 2,715 | 2,887 | 3,055 | 5.8 | 17.779 | 18,936 | 19,913 | 203 |
| Charlctle-Gastonia-Rock Hill, NC- |  |  |  |  |  |  |  |  | Jacksson, MS | 7,410 <br> 1,678 | 7,981 | 8,594 1,963 | 7.7 | 18,190 | 19,035 | 20,646 | 170 190 |
| SC .... | 26,536 | 28,472 | 30,989 | 8.8 | 21,505 | 22,580 | 24,022 | 71 | Jacksonville, FL | 19,600 | 20,630 | 22,209 | 7.7 | 20,401 | 21,234 | 22,617 | 110 |
| Charlottesville, VA | 3,172 | 3,318 | 3,512 | 5.8 | 22,926 | 23,622 | 24,630 | 56 | Jacksonville, NC .... | 1.962 | 2,030 | 2,149 | 5.9 | 13,474 | 14,00 | 14,897 | 310 |
| Chattanooga, TN-GA.. | ${ }^{8} .4661$ | 8,887 |  | 6.4 | 19,450 | 20.230 | 21,330 | 147 | Jamestown, NY | 2,383 | 2.503 | 2.595 | 3.7 | 16,763 | 17,63 | 18,36 | 269 |
|  | 193,676 |  | 216,653 | 4.2 6.7 | 20,420 | 20,553 | 28,177 | 153 19 | Janesville-Eeloit, WI ..... | 2,831 | 3,018 | 3,247 | 7.6 | 19,58 | 20,63 | 21,865 | 127 |
| ico-Paradi | 3,225 | 3,317 | 3,482 | 5.0 | 16,881 | 17,249 | 18,040 | 280 | rsey City, $\mathrm{N}^{*}$. | 11,975 | 12,241 | 12,987 | 6.1 | 21,7 | 22,22 | 3,56 | 80 |
| ncinnati, $\mathrm{OH}-\mathrm{K} \mathrm{K}-\mathrm{N}^{+}$ | 34,473 | 36,084 | 38,428 | 6.5 | 21,928 | 22,848 | 24,199 | 66 | sson City-kingspor-Bristol, |  |  |  |  |  |  |  |  |
| Clarksville-Hopkinsville, TN-KY ...... | 2,694 | 2,854 | 3,053 | 7.0 | 14,943 | 15,405 | 16,833 | 298 |  | 7,596 | 7,936 | 8,442 | 6.4 | 16,959 | 17,622 | 18,582 | 262 |
| Cleveland-Lorain-Elyria، $\mathrm{OH}^{+}$.......... | 50,869 | 53,136 | 56,482 | 6.3 | 22.910 | 23,809 | 25,303 | 46 | Johnstown, PA ......................... | 4,080 | 4,211 | 4,43! | 5.2 | 16,934 | 17,482 | 18,425 | 268 |

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

| Area name | Personal income |  |  |  | Per capita personal income ${ }^{3}$ |  |  |  | Area name | Personal income |  |  |  | Per capita personal income ${ }^{3}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Millions of dollars |  |  | Percent change ${ }^{2}$ | Dollars |  |  | Rank in U.S. |  | Millions of dollars |  |  | Percent change ${ }^{2}$ | Doliars |  |  | Rank in <br> U.S. <br> 1995 |
|  | 1993 | 1994 | 1995 | 1994-95 | 1993 | 1994 | 1995 | 1995 |  | 1993 | 1994 | 1995 | 1994-95 | 1993 | 1994 | 1995 |  |
| Jonesboro, $A$ | 1,154 | 1,226 | 1,335 | 8.9 | 15,905 | 16,704 | 17,826 | 290 | Raleigh-Durham-Chapel Hill, NC ... | 21,293 | 22,694 | 24,596 | 8.4 | 22,661 | 23,448 | 24,675 | 54 |
| Joplin, MO Kalamazo.................... | 2,357 8,737 | 2,543 9,229 | 2,739 9,821 | 7.7 | 16,867 19,895 | 17,960 20,964 | 19,088 | 241 122 | Rapid City, | 1,564 | 1,645 | 1,760 | 7.0 | 18,181 |  |  | 189 |
| Kankakee, IL**........ | 1,808 | 1,892 | 2,020 | 6.7 | 18,003 | 18,699 | 19,901 | 204 | Reading, PA | 7,698 | 8,020 | 8,455 | 5.4 | 22,268 | 23,008 | 24,139 | 67 |
| Kansas City, MO-KS | 36,359 | 38,533 | 41,123 | 6.7 | 22,290 | 23,244 | 24,576 | 58 | Redding, CA | 2,909 | 3,007 | 3,146 | 4.6 | 18,319 | 18,785 | 19,558 | 219 |
| Kenosna, WI* | 2,597 | 2,751 | 2,948 | 7.2 | 19,092 | 19,990 | 21,117 | 158 | Reno, NV | 6,933 | 7,506 | 8,110 | 8.0 | 25,189 | 26,448 | 27,866 | 23 |
| Killeen-Temple, TX ... | 4,202 | 4,530 | 4,828 | 6.6 | 15,600 | 15,682 | 16,508 | 303 | Richland-Kennewick-Pasco, WA .... | 3,388 | 3,605 | 3,699 | 2.6 | 20,220 | 20.691 | 20,618 | 171 |
|  |  |  |  |  |  |  |  |  | Richmond-Petersburg, VA ............ | 21,378 | 22,540 | 23,940 | 6.2 | 23,600 | 24,587 | 25,851 | 41 |
| Knoxvilie, iN <br> Kokomo, IN $\qquad$ | $\begin{array}{r} 12,153 \\ 2,071 \end{array}$ | $\begin{array}{r} 12,964 \\ 2,203 \end{array}$ | $\left.\begin{array}{r} 13,814 \\ 2,368 \end{array} \right\rvert\,$ | 6.6 7.5 | $\begin{aligned} & 19,627 \\ & 20,848 \end{aligned}$ | $\left\|\begin{array}{l} 20,566 \\ 22,130 \end{array}\right\|$ | $\left\|\begin{array}{l} 21,558 \\ 23,715 \end{array}\right\|$ | $\begin{array}{r} 138 \\ 77 \end{array}$ | Riverside-San Bernardino, CA* ...... | $\begin{array}{r}50,578 \\ 5 \\ \hline\end{array}$ | $\begin{array}{r}52,250 \\ 5 \\ \hline\end{array}$ | $\begin{array}{r}\text { 55,477 } \\ 5 \\ 5 \\ \hline\end{array}$ | 7.2 | 17,584 | 17,892 | 18,685 | 255 62 |
| La Crosse, WIMM | 2,314 | 2,430 | 2,550 | 4.9 | 19,385 | 20,210 | 21,088 | 159 | Rochester, MN | 2,608 | 2,667 | 2,784 | 4.4 | 23,141 | 23,574 | 24,720 | 52 |
| Lafayette, LA ........ | 5,720 | 6,161 | 6,527 | 5.9 | 15,999 | 17,060 | 17,867 | 287 | Rochester, NY | 24,339 | 25,451 | 26,703 | 4.9 | 22,372 | 23,386 | 24,566 | 59 |
| Latayette, IN. | 2,994 | 3,164 | 3,353 | 6.0 | 18,070 | 18,806 | 19,734 | 215 |  |  |  |  |  |  |  |  |  |
| Lake Charles, LA | 2,957 | 3,176 | 3,394 | 6.9 | 17,188 | 18,258 | 19,262 | 230 | Rockford, IL | 6,837 | 7,381 | 7,888 | 6.9 | 19,923 | 21,330 | 22,602 | 111 |
| Lakeland-Winter Haven, FL | 7,175 | 7,709 | 8,344 | 8.2 | 16,972 | 17,930 | 19,126 | 238 | Rocky Mount, NC | 2,375 | 2,481 | 2,656 | 7.1 | 17,147 | 17,631 | 18,615 | 260 |
| Lancaster, PA ................. | 9,537 | 9,785 | 10,321 | 5.5 | 21,745 | 22,084 | 23,056 | 93 | Sacramento, CA* | 30,464 | 31,962 | 34,258 | 7.2 | 21,306 | 22,173 | 23,459 | 84 |
| Lansing-East Lansing, MI | 8,531 | 9,168 | 9,686 | 5.7 | 19,653 | 20,614 | 21,717 | 132 | Saginaw-Bay City-Midland, | 7,973 | 8,478 | 8,996 | 6.1 | 19,787 | 21,047 | 22,342 | 118 |
| Laredo, TX .............. | 1,730 | 1,885 | 1,966 | 4.3 | 10,998 | 11,430 | 11,402 | 314 | St. Cloud, MN | 2,609 | 2,777 | 2,902 | 4.5 | 16,825 | 17,708 | 18,278 | 272 |
|  |  |  |  |  |  |  |  |  | St. Joseph, MO | 1,697 | 1,781 | 1,872 | 5.1 | 17,251 | 18,214 | 19,222 | 233 |
| Las Cruces, NM | $\begin{array}{r} 2,059 \\ 21,342 \end{array}$ | 2,160 | 2,343 | $8.5$ | 13,487 | 13,752 | 14,643 | 311 | St. Louis, MO-LI | 56,970 | 59,826 | 63,929 | 6.9 | 22,529 | 23,634 | 25,170 | 48 |
| Lawrence, KS | -1,417 | +1,505 | 1,608 | 6.8 | 16,483 | 17,266 | 18,191 | 274 | , C | 7,946 | 7,922 | 6,010 | 6.7 | 22,677 | 23,804 | 25,270 | 236 47 |
| Lawlon, OK | 1,778 | 1,803 | 1,880 | 4.3 | 15,041 | 15,866 | 16,870 | 297 | Lake City-Ogden, UT | 20,413 | 22,030 | 23,739 | 7.8 | 17,674 | 18,703 | 19,825 | 205 |
| Lewiston-Auburn, ME (NECMA) ..... | 1,849 | 1,918 | 2,019 | 5.3 | 17,808 | 18,558 | 19,626 | 217 |  |  |  |  |  |  |  |  |  |
| Lexington, KY ............................ | 8,660 | 9,080 | 9,743 | 7.3 | 20,331 | 21,060 | 22,394 | 116 | San Angelo, TX | 1,754 | 1,845 | 1,958 | 6.1 | 17,553 | 18,247 | 19,231 | 232 |
| Lima, OH | 2,795 | 2,988 | 3,117 | 4.3 | 17,897 | 19,168 | 20,042 | 195 | San Antonio, TX | 25,644 | 27,298 | 29,313 | 7.4 | 18,214 | 19,055 | 20,034 | 196 |
| Lincoln, NE | 4,541 | 4,831 | 8,156 | 6.7 | 20,275 | 21,325 | 22,446 | 114 | San Diego, CA | 56,001 | 57,820 | 61,106 | 5.7 | 21,484 | 22,114 | 23,263 | 88 |
| Little Rock-North Litte Rock, AR ... | 10,489 | 11,105 | 11,916 | 7.3 | 19,680 | 20,652 | 21,954 | 126 | San Francisco, $\mathrm{CA}^{*}$ | 55,375 | 56,964 | 60,853 | 6.8 | 33,891 | 34,745 | 36,989 | 1 |
| Longview-Marshall, TX ................. | 3,507 | 3.660 | 3,905 | 6.7 | 17,531 | 18,166 | 19,132 | 237 | San Jose, CA | 43,786 | 45,784 | 49.548 | 8.2 | 28,362 | 29,439 | 31,487 | 10 |
| Los Angeles-Long Beach, $\mathrm{CA}^{*}$ | 199,770 | 201,754 | 213,337 | 5.7 | 21,984 | 22,218 | 23,501 | 82 | $\begin{aligned} & \text { n Lull } \mathrm{O} \\ & \text { Robles, } \end{aligned}$ | 4,216 | 4,361 | 4,645 | 6.5 | 18,970 | 19,444 | 20,490 | 176 |
| Loulisvile, KY-1N .......................... | 20,804 | 21,834 | 23,232 | 6.4 | 21,363 | 22,267 | 23,552 | 81 | Santa Barbara-Santa Maria- |  |  |  |  |  |  |  |  |
| Lubbock, TX .............................. | 4,100 | 4,330 | 4,590 | 6.0 | 18,027 | 18,776 | 19,783 | 209 | Lompoc, CA | 9,193 | 9,378 | 9,929 | 5.9 | 24,216 | 24,435 | 25,860 | 40 |
| Lynchburg, VA | 3,723 | 3,922 | 4,127 | 5.2 | 18,550 | 19,314 | 20,199 | 188 | Santa Cruz-Watsonville, $\mathrm{CA}^{+}$..... | 5,618 | 5,788 | 6,193 | 7.0 | 24,049 | 24,587 | 26,202 | 36 |
| Macon, GA | 5,490 | 5,740 | 6,085 | 6.0 | 18,129 | 18,686 | 19,674 | 216 | Santa $\mathrm{Fe}, \mathrm{NM}$ | 2,913 | 3,087 | 3,350 | 8.5 | 22,812 | 23,461 | 24,691 | 53 |
| M | 3,039 | 3,101 | , | 6.4 | 2, | 25, | 19,4 | 331 | Santa Rosa, CA* | 9,703 | 10,103 | 10,779 | 6.7 | 23,799 | 24,33 | 25,8 | 39 |
| McAllen-Edinburg-Mission, TX | 4,521 | 4,893 | 5,248 | 7.3 | 10,170 | 10,525 | 10,878 | 315 | Sarasota-Bradenton, FL. | 13,489 | 14,3 | 15,557 | 8.2 | 26,406 | 27,704 | 29,641 | 13 |
| Medford-Ashland, OR ... | 2,859 | 3,070 | 3,272 | 6.6 | 18,080 | 18,913 | 19,746 | 213 | Savannah, GA | 5,292 | 5,612 | 5,971 | 6.4 | 19,473 | 20,318 | 21,351 | 145 |
| Melbourne-Titusville-Palm Bay, FL | 8,564 | 8,938 | 9,341 | 4.5 | 19,663 | 20,161 | 20,747 | 167 | Scranton-Wilkes |  |  |  |  |  |  |  |  |
| Mempt | 21,862 | 23,432 | 25,222 | 7.6 | 20,988 | 22,215 | 23,640 | 79 | Seattle-i.lieveve | 57,079 | 59,763 | 63,422 | 6.1 | 26,458 | 27,422 | 28,773 | 15 |
| Merced, CA | 3,025 | 3,043 | 3,017 | -. 9 | 15,735 | 15,494 | 15,653 | 307 | Sharon, PA . | 2,042 | 2,141 | 2,259 | 5.5 | 16,702 | 17,545 | 18,498 | 263 |
| Mami, FL* | 39,110 | 40,344 | 43,087 | 6.8 | 19,699 | 20,056 | 21,058 | 160 | Sheboygan, Wi | 2,188 | 2,314 | 2,456 | 6.2 | 20,589 | 21,526 | 22,560 | 113 |
| Middlesex-Somerset-Hunterdon, |  |  |  |  |  |  |  |  | Sherman-Denison, TX | 1,677 | 1,761 | 1,879 | 7.3 | 17,420 | 17,963 | 19,090 | 240 |
| NJ* ........ | 31,640 | 33,117 | 35,087 | 5.9 | 29,967 | 30,997 | 32,507 | 7 | Shrevepor-Bossier City, LA | 6,963 | 7,296 | 7,672 | 5.2 | 18,495 | 19,321 | 20,228 | 187 |
| Milwaukee-Waukesha, WI* | 33,779 | 35,519 | 37,698 | 6.1 | 23,263 | 24,422 | 25,906 | 38 | Sioux City, IA-NE | 2,196 | 2,336 | 2,517 | 7.7 | 18,493 | 19,544 | 20,871 | 165 |
| Minneapolis-St. Paul, MN-WI | 66,474 | 70,555 | 74,901 | 6.2 | 25,026 | 26,197 | 27,436 | 26 | Sioux Falls, SD | 3,208 | 3,504 | 3,747 | 6.9 | 21,573 | 23,045 | 24,320 | 63 |
| Mobile, AL | 8,495 | 8,967 | 9,469 | 5.6 | 16,811 | 17,614 | 18,429 | 266 |  |  |  |  |  |  |  |  |  |
| Modesto, CA ........ | 6,992 | 7,139 | 7,449 | 4.3 | 17,379 | 17,537 | 18,122 | 278 | South Bend, $\mathbb{N}$ | 5,126 | 5,399 | 5,741 | 6.3 | 20,215 | 21,150 | 22,350 | 117 |
| Monmouth-Ocean, $\mathrm{NJ}^{*}$................. | 27,308 | 28,058 | 29,635 | 5.6 | 26,720 16,395 | 27,089 | 28,187 | 18 | Spokane, WA | 7.409 | 7,849 4,389 | 8,271 4,554 | 5.4 3.9 | 181,932 | 19,788 | 20.575 22.426 | 173 115 |
| Monroe, LA ................................ | 2390 | 2,528 | 2,708 | 7.1 | 16,395 | 17,304 | 18,444 | 264 |  | 4,145 5,243 | 4,381 5,640 | 4,554 | 3.9 | 21,311 | 21,657 | 22,426 | 115 172 1 |
| Montg | 5,840 | 6.178 | 6,5 | 6.1 | 18,996 | 19,964 | 21,000 | 162 | Springtield, MA (NEC | 12,124 | 12,566 | 13,264 | 5.6 | 20,321 | 21,080 | 22,342 | 118 |
| Muncie, IN .............................. | 2,180 | 2,287 | 2,384 | 4.2 | 18,185 | 19,204 | 20,044 | 193 | State College, PA | 2,247 | 2,333 | 2,475 | 6.1 | 17,403 | 17,977 | 18,957 | 242 |
| Myrte Beach, SC ...................... | 2,544, | 2,771 | 3,034 | 9.5 | 17,143 | 18,177 | 19,220 | 234 | Steubenvill-Weirton, OH-WV | 2,326 | 2,420 | 2,521 | 4.2 | 16,519 | 17,278 | 18,079 | 279 |
| Naples, FL.............................. | 5,343 | 5,601 | 6,015 | 7.4 | 31,084 | 31,447 | 32,878 | 5 | Stockton-Lodi, CA | 9,115 | 9,385 | 9,924 | 5.7 | 17,826 | 18,085 | 18,874 | 245 |
| Nashville, TN ............................. | 23,385 | 25,394 | 27,453 | 8.1 | 22,367 | 23,716 | 25,077 | 50 | Sumter, SC | 1,463 | 1,549 | 1,645 | 6.2 | 13,811 | 14,557 | 15,387 | 308 |
| Nassau-Suftolk, NY* $\qquad$ New Haven-Bridgeport-Stamford- | 77,581 | 80,864 | 85,250 | 5.4 | 29,373 | 30,527 | 32,108 | 9 | Syracuse, NY | 14,898 | 15,544 | 16,171 | 4.0 | 19,745 | 20,676 | 21,592 | 136 |
| Danbury-Waterbury, CT* ... | 52,715 | 54,255 | 57,566 | 6.1 | 32,372 | 33,352 | 35,400 | 3 | Tacoma, | 12,125 | 12,706 | 13,586 | 6.9 | 19,231 | 19,899 | 20,945 | 163 |
| New London-Norwich, CT |  |  |  |  |  |  |  |  | Tailahassee, FL $\qquad$ | 4,504 | 4,784 | 5,083 | 6.3 | 18,014 | 18,760 | 19,753 | 212 |
| (NECMA) $\qquad$ <br> New Oreans LA | $\begin{array}{r} 5,907 \\ 25,439 \end{array}$ | $\begin{array}{r} 6,264 \\ 26,568 \end{array}$ | $\begin{array}{r} 6,615 \\ \mathbf{2 8 , 0 8 9} \end{array}$ | $\begin{aligned} & 5.6 \\ & 5.7 \end{aligned}$ | $\begin{aligned} & 23,761 \\ & 19,497 \end{aligned}$ | $\left\|\begin{array}{l} 25,157 \\ 20,277 \end{array}\right\|$ | $\left\|\begin{array}{l} 26,436 \\ 21,374 \end{array}\right\|$ | 34 144 | Tampa-St. Petersburg-Clearwater, | 43,934 | 45,864 | 49,391 | 7.7 | 20,567 | 21,246 | 22,646 | 108 |
| New York, NY* .................................. | 242,044 | 251,831 | 266,669 | 5.9 | 28,163 | 29,227 | 30,896 | 11 | Terre Haute, | 2,574 | 2,654 | 2,789 | 5.1 | 17,160 | 17,757 | 18,640 | 258 |
|  |  |  |  |  |  |  |  |  | Texarkana, TX-T | 1,975 | 2,080 | 2,215 | 6.5 | 16,184 | 16,939 | 17,998 | 284 |
| Newark, NJ . | 57,117 | 58,947 | 62,684 | 6.5 | 29,599 |  | 32, | - | Toledo, OH | 12,583 | 13,292 | 14,038 | 5.6 | 20,521 | 21,730 | 22,971 | 96 |
| Newburgh, NY-PA* | 7,061 | 7,395 | 7,729 | 4.5 | 20,037 | 20,813 | 21,528 | 140 | Topeka, KS | 3,409 | 3,554 | 3,753 | 5.6 | 20,775 | 21,540 | 22,752 | 104 |
| Nortolk-Virginia Beach News. VA-NC | 28.554 | 29.768 | 31.217 | 4.9 | 18,826 |  |  |  | Trenton, ${ }^{\text {NJ* }}$ | 9,809 | 10,194 | 10,770 | 5.7 | 29,853 | 30,964 | 32,63 | 6 |
| Oakland, CA ${ }^{*}$..................................... | 56,796 | 58,801 | 62,995 | 7.1 | 26,196 | 26,973 | 28,729 | 16 | Tucsan, OK | 14,918 | 13,473 1,78 | 14,770 16,274 | 5.2 | 20,192 | 20,823 | 19,788 | 129 |
| Ocala, FL ................................ | 3,533 | 3,804 | 4,090 | 7.5 | 16,673 | 17,318 | 18,130 | 277 |  |  | 1, | 10,274 |  | 20,192 | 20,82 | 21,76 | 9 |
| Odessa-Midand, TX | 4,650 | 4,875 | 5,152 | 5.7 | 19,829 | 20,618 | 21,674 | 133 | Tuscaloosa, AL | 2,678 | 2,856 | 3,045 | 6.6 | 17,306 | 18,411 | 19,281 | 229 |
| Oklahoma City, OK ..................... | 18,503 | 19,443 | 20,474 | 5.3 | 18,575 | 19,277 | 20,139 | 191 | Tyler, TX | 3,054 | 3,238 | 3,456 | 6.7 | 19,357 | 20,245 | 21,253 | 151 |
| Olympia, WA+ .......................... | 3.791 | 3,996 | 4,288 | 7.3 | 20,662 | 21,301 | 22,256 | 120 | Utica-Rome, NY ... | 5,632 | 5,892 | 6,085 | 3.3 | 17,729 | 18,680 | 19,740 | 214 |
| Omaha, NE-IA .......................... | 14,167 | 14,958 | 16,108 | 7.7 | 21,535 | 22,540 | 24,002 | 72 | Vallejo-Fairrield-Napa, CA* ............ | 10,108 | 10,476 | 11,174 | 6.7 | 21,138 | 21,820 | 23,328 | 87 |
| Orange County, $\mathrm{CA}^{*}$.................... | 65,005 | 67,212 | 71,272 | 6.0 | 25,68 | 26,213 | 27,420 | 27 | Ventura, CA* .............................. | 16,035 | 16,494 | 17,485 | 6.0 | 23,196 | 23,527 | 24,736 | 51 |
| FL |  | 27. | 29645 | 71 |  |  |  |  | Victoria, TX ............................ | 1,513 | 1,594 | 1,700 | 6.6 | 19,197 | 19,892 | 21,042 | 161 |
|  |  | 1.6 | , | 53 | 17, |  | 21,300 | 143 | Vineland-Milville-Bridgeton, $\mathrm{NJ*}$..... | 2,720 | 2,786 | 2,936 | 5.4 | 19,567 | 20,063 | 21,312 | 148 |
| Owenstoro, KY . | 1,562 | 1,069 | 1,750 | 4.9 | 17,4295 | 10,496 | 19,390 | 273 | Visalia-Tulare | 5,263 | 5,363 | 5,615 | 4.7 | 15,516 | 15,517 | 16,144 | 305 |
| Parkersburg-Marietta, WV-OH ........ | 2.739 | 2,853 | 2,999 | 5.1 | 18,115 | 18,816 | 19,774 | 211 | Washington, DC-MD-VA-WV* ........ | 126,237 | 132,361 | 139,085 | 5.1 | 28,631 | 29,644 | 30,824 | 12 |
| Pensacola, | 6,299 | 6,484 | 6,818 | 5.1 | 17,195 | 17,391 | 18,025 | 282 |  |  |  |  |  |  |  |  |  |
| Peoria-Pekin, IL | 7,005 | 7,418 | 7,692 | 5.7 | 20,428 24,775 | 21,551 | 22,235 | 121 30 | Waterioo-Cedar Fals, IA ............... | 2,258 | 2,406 230 | 2,540 | 5.6 | 18,142 | 19,419 | 20,660 | 169 |
| Philadelphia, PA-NJ* | 122,479 | 126,364 | 133,528 | 5.7 | 24,775 | 25,521 | 26,959 | ${ }^{30}$ |  | 2,247 | 2,370 | 2,530 | 6.8 | 18,772 | 19,689 | 20,902 | 164 |
| Phoenix-Mesa, AZ ...................... | 48,394 | 52,629 | 58,036 |  | 20,180 | 21,178 | 21,839 | 128 | West Palm Beach-Boca Raton, FL | 30,995 | 32,424 |  | 8.6 | 33,197 | 33,862 | 36,057 | 5 |
| Pine Blufi, AR ............................ | 1,290 | 1,319 | 1,397 | 5.8 | 15,294 | 15,649 | 16,685 | 300 | Wheeling, WV-OH ........................ | 27717 | 2,796 | 2,926 | 4.7 | 17,138 | 17,723 | 18,682 | 256 |
| Pittsburgh, PA ............................ | 53,184 | 54,634 | 57,518 | 5.3 | 22,090 | 22,760 | 24,071 | 70 | Wichita, KS | 10,710 | 10,934 | 11,617 | 6.2 | 21,238 | 21,574 | 22,823 | 100 |
|  |  |  |  |  |  |  |  |  | Wichita Falls, TX ........................ | 2,384 | 2,519 | 2,707 | 7.5 | 18,296 | 19,020 | 19,933 | 201 |
| Pittsfield, MA (NECMA) ................ | 3,048 | 3,145 | 3,326 | 5.8 | 22,395 | 23,151 | 24,611 | 57 | Williamsport, PA | 2,119 | 2,184 | 2,290 | 4.9 | 17,517 | 18,080 | 19,102 | 239 |
| Pocatello, ID ......................... | 1,121 | 1,182 | 1,245 | 5.3 | 16,056 | 16,404 | 17,033 | 296 | Wilmingion-Newark, DE-MD* ......... | 13,709 | 14,321 | 15,249 | 6.5 | 25,649 | 26,507 | 27,924 | 21 |
| Portand, ME (NECMA) | 5,649 | 5,896 | 6,253 | 6.1 | 23,032 | 23,839 | 25,127 | 49 | Wilmington, NC ...................... | 3,499 | 3,741 | 4,062 | 8.6 | 18,667 | 19,314 | 20,247 | 185 |
| Porliand-Vancouver, OR-WA* $\qquad$ Providence-Warwick-Pawtucket, RI | 36,081 | 38,758 | 42,160 | 8.8 | 21,897 | 23,046 | 24,553 | 60 | Yakima, WA .................................... | 3,599 | 3,738 | 3,934 | 5.2 | 17,569 | 17,810 | 18,427 | 267 |
| (NECMA) ............................. | 19,832 | 20,241 | 21,576 | 6.6 | 21,687 | 22,185 | 23,730 | 76 | Yolo, CA' .................................. | 2,952 | 3,055 | 3,276 | 7.2 | 20,293 | 20,864 | 22,083 | 125 |
| Provo-Orem, UT ......................... | 3,895 | 4,248 | 4,691 | 10.4 | 13,736 | 14,063 | 15,099 | 309 | York, PA | 7,632 | 7,823 | 8,299 | 6.1 | 21,563 | 21,727 | 22,759 | 103 |
| Pueblo, $\mathrm{CO}^{\prime}$ | 2,061 | 2,176 | 2,390 | 9.9 | 16,378 | 17,025 | 18,441 | 265 | Youngstown-Warren, OH | 11,051 | 11,641 | 12,302 | 5.7 | 18,249 | 19,317 | 20,512 | 175 |
| Punta Gorda, FL ........................ | 2,294 | 2,456 | 2,649 | 7.9 | 18,636 | 19,483 | 20,539 | 174 | Yuba City, CA | 2,191 | 2,233 | 2,366 | 5.9 | 16,566 | 16,569 | 17,414 | 294 |
| Racine, Wl‘ ............................... | 3,849 | 4,073 | 4,327 | 6.2 | 21,217 | 22,275 | 23,498 | 83 | Yuma, AZ .................................. | 1,757 | 1,687 | 1,976 | 17.1 | 14,112 | 13,228 | 16,221 | 304 |

[^73]1993-95 refiect county population estimates available as of March 1997.
4. Includes Metropolitan Statistical Areas, Primary Metropolitan Statistical Areas (PMSA's designated by "), and 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 RECIONAL ESTIMATES




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

## SELECTED REGIONAL ESTIMATES



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

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

## Appendix A

## Additional Information About bea's nipa Estimates

## Statistical Conventions

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

Except for the most recent period, the annual and quarterly changes in real GDP and prices are "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:II and 1996:III as weights, and the 1996:II1996:III percent change in the GDP price index uses quantities for 1996:II and 1996:III as weights.
bea also presents another measure, known as the "implicit price deflator", in the nIpA tables. The implicit price deflator is calculated as the ratio of currentdollar 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 currentdollar 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, $t-0$ ).

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

## Reconciliation Tables

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

|  | Seasonally adjusted at annual rates |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1994 | 1995 | 1996 | 1996 |  | 1997 |  |  |
|  |  |  |  | III | IV | I | II | $111 P$ |
| 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 nomprofit 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 $\qquad$ | 0 | 2 | . 1 | . 5 | -. 2 | . 1 | -. 2 | . 3 |
| Equals: BEA-derived wages and salaries per hour of all employees in the private nonfarm sector $\qquad$ | 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 eamings of production or nonsupervisory workers on private <br> nontarm payrolls $\qquad$ | 2.6 | 2.9 | 3.3 | 3.7 | 3.9 | 4.2 | 3.0 | 3.5 |
| Addendum: <br> BLS estimates of compensation per hour in the nonfarm business sector ${ }^{2}$ $\qquad$ | 1.7 | 2.5 | 3.1 | 2.9 | 3.3 | 4.5 | 3.2 | . |
| P Preliminary. <br> 1. Includes BEA use of non-BLS data and differences in detailed weighting. Annual estimates also include differences in BEA and BLS benchmark procedures; quarterly estimates also include <br> 2. These est include compen <br> BLS Burea differences in seasonal adjustment procedures. | 2. These estimates differ from the BEA-derived estimates (first line) because the BLS estimates include compensation and hours of tenant-occupied housing. <br> BLS Bureau of Labor Statistics |  |  |  |  |  |  |  |

Table 2.-Relation of Net Exports of Goods and Services and Net Receipts of Factor Income in the National Income and Product Accounts (NIPA's) to Balance on Goods, Services, and Income in the Balance of Payments Accounts (BPA's) [Billions of dolars]

|  | Line | 1995 | 1996 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 1996 |  |  |  | 1997 |  |
|  |  |  |  | 1 | 11 | III | IV | 1 | 11 |
| Exports of goods, services, and income, BPA's .... | 6 | 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 $\qquad$ <br> Statistical differences ${ }^{1}$ $\qquad$ |  | $\begin{aligned} & 5.1 \\ & 0 \\ & .9 \end{aligned}$ | $\begin{aligned} & 6.9 \\ & 0 \\ & 1.1 \end{aligned}$ | $\begin{gathered} 6.3 \\ 0 \\ .8 \end{gathered}$ | $\begin{gathered} 12.5 \\ 0 \\ 1.0 \end{gathered}$ | $\begin{aligned} & 5.2 \\ & 0 \\ & 1.5 \end{aligned}$ | $\begin{aligned} & 3.7 \\ & 0 \\ & 1.1 \end{aligned}$ | $\begin{array}{r} 6.7 \\ .6 \\ .8 \end{array}$ | 9.3 .9 .7 |
| Plus: Adjustment for grossing of parent/affiliate interest payments $\qquad$ Adjustment for U.S. teritories and Puerto Rico $\qquad$ <br> Services furnished without payment by financial intermediaries except life insurance carriers and private noninsured pension plans $\qquad$ |  | $\begin{array}{r} 8.0 \\ 33.3 \end{array}$ | $\begin{array}{r} 8.7 \\ 34.0 \end{array}$ | $\begin{aligned} & 10.1 \\ & 33.2 \end{aligned}$ | $\begin{array}{r} 7.3 \\ 34.1 \end{array}$ | $\begin{array}{r} 8.4 \\ 33.6 \end{array}$ | $\begin{array}{r} 8.9 \\ 34.9 \end{array}$ | $\begin{array}{r} 8.6 \\ 35.4 \end{array}$ | 8.3 36.5 |
| Equals: Exports of goods and services and receipts of factor income, NIPA's | 8 | $\begin{array}{r} 14.5 \\ 1,041.2 \end{array}$ | 15.3 $1,105.1$ | $\begin{array}{r} 14.3 \\ 1,076.1 \end{array}$ | $\begin{array}{r} 14.8 \\ 1,092.0 \end{array}$ | 15.9 $1,099.0$ | 16.3 $1,153.4$ | $\begin{array}{r} 16.5 \\ 1,170.4 \end{array}$ | $\begin{array}{r} 17.0 \\ 1,221.9 \end{array}$ |
| 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 $\qquad$ <br> Statistical differences ${ }^{1}$ $\qquad$ | 10 11 12 | $\begin{aligned} & 5.3 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & 7.7 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & 6.8 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{gathered} 14.6 \\ 0 \\ 0 \end{gathered}$ | $\begin{aligned} & 6.2 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & 3.4 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{array}{r} 8.7 \\ -3.4 \\ 0 \end{array}$ | $\begin{gathered} 11.0 \\ -4.0 \\ 0 \end{gathered}$ |
| Plus: Gold, NIPA's | $\begin{aligned} & 13 \\ & 14 \\ & 15 \\ & 16 \end{aligned}$ | $\begin{array}{r} -3.6 \\ 8.0 \\ 21.9 \\ 14.5 \end{array}$ | $\begin{array}{r} -3.8 \\ 8.7 \\ 22.4 \\ 15.3 \end{array}$ | $\begin{gathered} -3.4 \\ 10.1 \\ 21.6 \\ 14.3 \end{gathered}$ | $\begin{array}{r} -3.6 \\ 7.3 \\ 22.3 \\ 14.8 \end{array}$ | $\begin{array}{r} -4.0 \\ 8.4 \\ 22.4 \\ 15.9 \end{array}$ | $\begin{array}{r} -4.2 \\ 8.9 \\ 23.4 \\ 16.4 \end{array}$ | $\begin{array}{r} -3.6 \\ 8.6 \\ 24.1 \\ 16.5 \end{array}$ | $\begin{array}{r} -3.9 \\ 8.3 \\ 26.1 \\ 17.0 \end{array}$ |
| Adjustment for grossing of parent/affiliate interest payments ... |  |  |  |  |  |  |  |  |  |
| Adjustment for U.S. territories and Puerto Rico ............................. |  |  |  |  |  |  |  |  |  |
| Imputed interest paid to rest of world ...................................................... |  |  |  |  |  |  |  |  |  |
| Equals: Imports of goods and services and payments of factor income, NIPA's $\qquad$ | 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) $\qquad$ <br> Statistical differences $(3-11)^{1}$ | 192021 | -3.80.9 | $\begin{gathered} -4.6 \\ 0 \\ 1.1 \end{gathered}$ | $\begin{gathered} -3.9 \\ 0 \\ 8 \end{gathered}$ | $\begin{gathered} -5.7 \\ 0 \\ 1.0 \end{gathered}$ | $\begin{gathered} -5.0 \\ 0 \\ 1.5 \end{gathered}$ | $\begin{gathered} -3.9 \\ 0 \\ 1.1 \end{gathered}$ | -5.64.0.8 | -5.64.9.7 |
| Other items (4-12) ........................................................................... |  |  |  |  |  |  |  |  |  |
| 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) $\qquad$ | 23 | -80.8 | -93.2 | -75.3 | -91.0 | -120.9 | -85.4 | -113.1 | -109.4 |

1. Consists of statistical revisions in the NIPA's that have not yet been incorporated into the BPA's (1997:ll) and statistical revisions in the BPA's that have not yet been incorporated in the NIPA's (1997:-1997:1I).

## Appendix B

## Suggested Reading

## Mid-Decade Strategic Plan

bea has published the following articles in the Survey of Current Business on the development and implementation of its strategic plan for improving the accuracy, reliability, and relevance of the national, regional, and international accounts.
"Mid-Decade Strategic Review of bea's Economic Accounts: Maintaining and Improving Their Performance" (February 1995)*
"Mid-Decade Strategic Review of bea's Economic Accounts: An Update" (April 1995)*
"bea's Mid-Decade Strategic Plan: A Progress Report" (June 1996)*

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

## Methodology

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

## National

## National income and product accounts (NIPA's)

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

An Introduction to National Economic Accounting (nipa Methodology Paper No. 1, 1985) [Also appeared in the March 1985 issue of the Survey] Corporate Profits: Profits Before Tax, Profits Tax Liability, and Dividends (nIPA Methodology Paper No. 2, 1985)
Foreign Transactions (nipa Methodology Paper No. 3, 1987)
gnp: An Overview of Source Data and Estimating Methods (nipa Methodology Paper No. 4, 1987) [Also appeared in the July 1987 issue of the Survey]
Government Transactions (NIPA Methodology Paper No. 5, 1988)
Personal Consumption Expenditures (nipa Methodology Paper No. 6, 1990)

[^74]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.

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 SURVEx)* 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)*<br>Foreign Direct Investment in the United States: 1992<br>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) 6069900. 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 gro 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-re-quire-ments per dollar of commodity demanded; and tables showing the input-output ( $x-0$ ) 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 in), 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 rams in 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 in 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 bal-ance-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 bes and the Bureau of the Census. Presents the most recently available data for foreign-owned U.S. manufacturing establishments (plants) by detailed industry (up to 459 industries), by State, and by country of investor. Includes data on the number of plants, value added, shipments, employment, total employee compensation, employee benefits, the hourly wage rates of production workers, the cost of materials and energy used, inventories by stage of fabrication, and expenditures for new plant and equipment. ( 220 pages) $\$ 14.00$, stock no. 003-010-00250-6.
U.S. Direct Investment Abroad: 1994 Benchmark Survey, Preliminary Results. (1997) Presents preliminary results from the latest benchmark survey of the worldwide operations of U.S. multinational companies. Contains detailed 1994 data on the operations of U.S. parent companies and their foreign affiliates in 103 tables organized by country and by industry. (140 pages) $\$ 14.00$, stock no. 003-010-00263-8.
U.S. Direct Investment Abroad: Operations of U.S. Parent Companies and Their Foreign Affiliates, Revised 1993 Estimates. (1996) Provides revised results for 1993 from BEA's annual survey of the worldwide operations of U.S. multinational companies. Contains information on the financial structure and operations of U.S. parent companies and their foreign affiliates. Data are classified by country and industry of affiliate and by industry of U.S. parent. (120 pages) $\$ 11.00$, stock no. 003-010-00262-0.


[^0]:    Note,-Chained (1992) dollar series are calculated as the product of the chain-type quantiy index and the 1992 current-dolar 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 chainedodollar 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 . in table 8.1.

[^1]:    2. NIPA table 8.2 shows the contributions of the major components to the quarter-to-quarter percent change in real GDP.
    3. Exports and imports of nonautomotive capital goods include both parts and equipment. In contrast, parts are not included in the producers' durable equipment component of business fixed investment or in the equipment component of government investment.
[^2]:    

[^3]:    4. A longer term perspective on motor vehicles is provided in "Motor Vehicles, Model Year 1997" in this issue.
[^4]:    1. Assumed.
    . not used directly in the estimation of NIPA exports and imports.
[^5]:    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.

[^6]:    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.
[^7]:    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.
[^8]:    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 mediumduty general delivery trucks to heavy-duty diesel tractor-trailers.
[^9]:    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 Survex. The estimates in table 8.26 beginning with 1947 are available through stat-usn'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.
[^10]:    2. Internal Revenue Service, Statistics of Income Bulletin (Washington, DC: U.S. Government Printing Office, Fall 1997).
[^11]:    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.
[^12]:    See the footnotes at the end of table 4

[^13]:    See the footnotes at the end of table 4.

[^14]:    4. For additional information about the calculation of these adjustments, see "Improved Adjustments for Misreporting of Tax Return Information Used To Estimate the National Income and Product Accounts, 1977," Survey 64 (June 1984): 17-25; "The Comprehensive Revision of the U.S. National Income and Product Accounts: A Review of Revisions and Major Statistical Changes," Survey 71 (December 1991): 39-40; and "Improved Estimates of the National Income and Product Accounts for 1959-95: Results of the Comprehensive Revision," SURVEY 76 (January/February 1996): 24-25.

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

[^15]:    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.
[^16]:    1. Consists of personal dividend income, personal interest income, taxable pensions, taxable unemployment com- NoTE.-The relative AGl gap is the AGI gap as a percentage of the BEA-derived AGl and is shown in line pensation, and taxable social security benefits. These types of income have been subject to varying degrees o withholding since 1984
    2. Consists of farm proprietors' income, nonfarm proprietors' income, and rental income of persons.

    32 of tables 1-4
    AGI Adjusted gross income
    BEA Bureau of Economic Analysis

[^17]:    7. a small portion of nonfarm proprietors' income is subject to filing an information return. For example, a Form 1099 -mısc 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:I-1997:I," SURvey 77 (August 1997): 8-24.
[^18]:    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): 133155. 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
[^19]:    1. For additional information on the accuracy of the two measures, see the box "Statistical Discrepancy" in Parker and Seskin, "Annual Revision," 19.
[^20]:    2. For information about the computation of the real gpo estimates, see the box "Computation of the Chain-Type Quantity Indexes for Double-Deflated Industries" in Yuskavage, "Improved Estimates," 142.
[^21]:    3. For a description of these improvements, see Yuskavage, "Improved Estimates," 133-155.
    4. The 1992 benchmark 1-O accounts are presented in Ann M. Lawson, "Benchmark Input-Output Accounts for the U.S. Economy, 1992" in this issue. A comparison of the gro estimates with those in the I-O accounts is presented in "Note on Alternative Measures of Gross Product by Industry" in this issue.
[^22]:    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 gro estimates for detailed industries and industry groups are shown in table 10.
[^23]:    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, "ben's Chain Indexes, Time Series, and Measures of Long-Term Economic Growth," Survey 77 (May 1997): 63.
[^24]:    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.
[^25]:    9. Property-type income is the sum of corporate profits, proprietors' income, rental income of persons, net interest, capital consumption allowances, business transfer payments, and the current surplus of government enterprises less subsidies. Proprietors' income is included in property-type income as a capital share of production; however, an unknown portion of proprietors' income represents the labor share of production.
    10. For some analytical purposes, the labor and capital shares of gross output are more appropriate than the labor and capital shares of GPO. For most industries and for manufacturing in particular, the labor and capital shares of GPO are larger than the labor and capital shares of gross output, because gross output also includes intermediate inputs. For example, labor's share of manufacturing gross output was 22.7 percent in 1996, whereas labor's share of manufacturing GPO was 63.0 percent.
[^26]:    1. Equals GDP measured as the sum of expenditures less gross domestic income.
[^27]:    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.
[^28]:    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.
[^29]:    1. Equals GDP measured as the sum of expenditures less gross domestic income.
[^30]:    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 tootnote 14 in the text.)

[^31]:    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.)

[^32]:    1. Earlier benchmark I-O accounts covered 1947, 1958, 1963, 1967, 1972, 1977, 1982, and 1987. The 1987 I-O accounts were presented in the April and May 1994 issues of the Survey of Current Business.
    2. The December Survey will present the following summary I-O tables: Commodity-by-industry direct requirements per dollar of industry output; commodity-by-commodity total requirements, direct and indirect, per dollar of delivery to final use; and industry-by-commodity total requirements, direct and indirect, per dollar of delivery to final use.
    3. The 1992 I-O estimates will be incorporated into the nipA's during the next comprehensive nipa revision.
[^33]:    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; "MidDecade Strategic Review of ben'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 19947 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 I -o accounts, BEA devised a set of procedures that captured the most important parts of the 1987 economic census data, but that abbreviated the process of assembling the wide variety of other non-census data needed to complete a full benchmark. The use of these abbreviated procedures to prepare the 1987 benchmark I-O accounts enabled beA to more quickly turn its resources towards preparing a complete set of benchmark accounts for 1992.
[^34]:    7. See the box "Personal Consumption Expenditures and Producers' Durable Equipment" below.
[^35]:    1. Supplementary tables $D$ and $E$ show the I-O commodity compositions of the NIPA PCE and pde categories. For the other nipa expenditure components-not shown in tables D and E-private and government structures are presented by type, inventory change is presented by industry of the establishment holding the inventories, and net exports of goods and services and government consumption and investment expenditures are shown by type of product.
[^36]:    8. See "Improved Estimates of the National Income and Product Accounts for 1959-95: Results of the Comprehensive Revision," Survey 76 (January/February 1996): 1-27.
    9. The services of general government fixed assets, measured as depreciation, are now included in government consumption expenditures. However, the use of depreciation as a measure of the value of services of government fixed assets is only a partial measure of the total value. In theory, the service value of an asset should equal the reduction in the value of the asset due to its use during the current period (depreciation) plus a return equal to the current value the asset could earn if invested elsewhere (net return). The consumption of fixed capital by government does not provide an estimate of the full value of the services of government fixed assets, because the net rate of return on these assets is assumed to be zero. See Robert P. Parker and Jack E. Triplett, "Preview of the Comprehensive Revision of the National Income and Product Accounts: Recognition of Government Investment and Incorporation of a New Methodology for Calkulating Depreciation," Suryey 75 (September 1995): 33-41.
[^37]:    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 I-O commodities in purchasers' prices can be derived by adding transportation costs and wholesale and retail trade margins
[^38]:    to the values in producers' prices. These estimates are shown in table $C$ for all I-O commodities included in NIPA final demand; in table $D$, for all $1-0$ commodities included in personal consumption expenditures; and in table E , for all r -O commodities included in producers' durable equipment.
    14. In the designation that is used for 1-o tables, the content of the rows is referred to first, and that of the columns, second. For example, in a "commodity-by-industry" table, the commodities are in the rows, and the industries are in the columns.
    15. Primary and secondary products and the classification of industries are discussed further in the section "Definitions and conventions for classification."

[^39]:    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.
[^40]:    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."
[^41]:    Ho Input-output

[^42]:    19. In an open economy, the production effects are likely to be reflected as an increase in both domestic production and imports. To separate the effects on domestic production from those on imports, analysts generally use a special set of I-O tables that includes an import matrix that identifies the intermediate purchases by producers that are obtained from foreign sources.
[^43]:    20. Estimates of regional economic effects derived from ben's Regional lnput-Output Modeling System are based mainly on two data sources: The U.S. benchmark t-o accounts and bea's county estimates of wage and salary disbursements at the four-digit sic level. These estimates are available from the bea's Regional Economic Analysis Division. For more information, see U.S. Department of Commerce, Bureau of Economic Analysis, Regional Multipliers: A User Handbook for the Regional Input-Output Modeling System (RIMS 1I), Third Edition (Washington, DC: U.S. Government Printing Office, 1997).
    21. Jose Campa and Linda S. Goldberg, "The Evolving External Orientation of Manufacturing: A Profile of Four Countries," Economic Policy Review 2 (1997): 53-81.
[^44]:    22. Appendix A provides a list of 1 -o industries and the relationships of these industries to the 1987 SIC codes. For more information on the sIC, see Office of Management and Budget, Statistical Policy Division, Standard Industrial Classification Manual 1987 (Washington, Dc: U.S. Government Printing Office, 1987): 11-18.
[^45]:    23. Establishments defined as government enterprises follow the same classification used in the nips'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.
[^46]:    1. The NIPA category refers to the line number associated with the PCE category in NIPA table 2.4 .
[^47]:    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 $1 \cdot 0$ 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.
[^48]:    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.
[^49]:    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.
[^50]:    5. For differences between the GPO industry classifications, which follow the 1987 Standard Industrial Classification system, and the 1-o classification system, see appendix A in Lawson, "Benchmark Input-Output Accounts," 58.
[^51]:    6. For more information, see "Mid-Decade Strategic Review of ben's Economic Accounts: Maintaining and Improving Their Performance," Survey 75 (February 1995): 36-66; and "Mid-Decade Strategic Review of ben's Economic Accounts: An Update," Surver 75 (April 1995): 48-56.
[^52]:    1. The reconciled estimates are intended to show how the currentaccount 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
[^53]:    1. Some differences remain in the reconciled estimates because some sevice and income estimates could not be fully reconciled.
    NoTE.-A U.S. surplus $(t)$ is a Canadian deficit $(-)$, and a Canadian surplus $(t)$ is a U.S. deficit (-).

    Detail's may not add to totals because of rounding.

[^54]:    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.
[^55]:    4. In this article, the term "northbound" refers to U.S. receipts, or Cana dian 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.
[^56]:    2. See Wallace K. Bailey, "State Personal Income, Revised Estimates for 1958-96," Survey 77 (October 1997): 24-43.
[^57]:    See footnotes at end of table.

[^58]:    See footnotes at end of table.

[^59]:    ${ }^{\rho}{ }^{\rho}$ Previminary.

    1. Personal contributions for social insurance are included in earnings by type and industry but excluded from
    personal income.
[^60]:    2. The adjustment for residence is the net inflow of the earnings of interarea commuters. For the United States, 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.
[^61]:    * This table is not included this month because it would duplicate data shown elsewhere in the issue; see the headnote on page D-29.

[^62]:    NOTE--Chained (1992) dollar series are calculated as the product of the chain-lype quantity index and the 1992

[^63]:    1. Includes new computers and peripheral equipment only.
[^64]:    Percent changes from preceding period for items in this table are shown in table 8.1.

[^65]:    1. Consists of museums, botanical, zoological gardens; engineering and management services; and services, not olsewhere classified.
    2. Includes Coast Guard.
    3. Beginning with 1993, includes estimates of foreign professional workers and undocumented Mexican migratory
    workers employed temporarily in the United States.

    Note.-Estimates in this table are based on the 1987 Standard Industrial Classification (SIC).
    Compensation equals wage and salary accruals plus supplements to wages and salaries. "Supplements" are listed in table 8.15 of the August 1997 SUAVEY OF CURRENT BUSINESS.

[^66]:    3. Includes Coast Guarc.
    4. Beginning with 1993, includes estimates of foreign professional workers and undocumented Mexican migratory workers empioyed temporarily in the United States.
    NOTE.-Estimates in this table are based on the 1987 Standard Industrial Classification (SIC).
[^67]:    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-doliar estimates are usually not additive. CCAd Capital consumption adjustment

[^68]:    1. Consists of office buildings, except those occupied by electric and gas utility companies.
    2. Consists primarily of stores, restaurants, garages, service stations, warehouses, and other buildings used for

    3 Consists of bui
    3. Consists of buildings not elsewhere classified, such as passenger terminals, greenhouses, and animal hospitals.
    4. Consists primarily of streets, dams, reservoirs, sewer and water facilites, parks, and
    5. Consists primarily of dormitories, fraternity and sorority houses, and nurses' homes.

[^69]:    $p$ Preliminary
    $r$ Revised.

    1. Patented techniques, processes, and formulas and other intangible property rights that are used in goods production.
    2. Copyrights, trademarks, franchises, rights to broadcast live events, and other intangible prop3. Other
[^70]:    ${ }^{p}$ Preliminary.
    $r$ Revised.

    1. Represents gains or losses on foreign-currency-denominated assets due to their revaluation at current exchange rates.
    2. Includes changes in coverage, statistical discrepancies, and other adjustments to the value 3. Reflect
    price Reflects changes in the value of the official gold stock due to fluctuations in the market
    price of gold.
[^71]:    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. Afifliates of Foreign Companies, Preliminary 1995 Estimates.

[^72]:    1. Noniarm personal income is personal income less farm earnings. Farm earnings consists of proprietors' net income; the cash wages, pay-in-kind, and other labor income of farm employees; and the salaries of officers of corporate farms.
    2. Percent changes are expressed at quarterly rates and are calculated from seasonally-adjusted unrounded data. Note.-The personal income level shown for the United States is derived as the sum of the State estimates. It oiffers from the national income and product accounts (NIPA) estimate of personal income because, by definition,
[^73]:    1. The personal income level shown for the United States is derived as the sum of the county estimates; it it omits the eamings of Federal civilian and military personnel stationed abioad 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
[^74]:    * Items with an asterisk can be found on ben's Internet site at http://www.bea.doc.gov.

