## SURVEV OF CURRENT BUSNNESS



In This Issue . . .
BEA Personal Income and IRS Adjusted Gross Income
GDP by Industry for 1999-2001
U.S.-Canadian Cúrrent-Account Reconciliation

State Personal Income, 2002:II

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Personal Income and Outlays (November 1).

## Survey of Current Business

## November 2002 Volume 82 Number 11 <br> www.bea.gov

## Special in this issue

6 Note on the Upcoming Comprehensive Revision of the National Income and Product Accounts
Next year, BEA will be preparing a comprehensive revision of the NIPA's. The major areas of work include instituting a new processing system; evaluating and implementing changes in definitions, methodology, and presentation; and improving consistency with other accounts and with international standards.

## 23 Gross Domestic Product by Industry for 1999-2001

In 2001, the U.S. economy grew only slightly after growing at an average annual rate of 4.0 percent in 1995-2000. The slowdown reflected a downturn in private goods-producing industries and a deceleration in private services-producing industries. However, robust growth continued in a number of services and manufacturing industries, partly reflecting decreases in unit labor costs and unit capital costs as a result of increasing productivity. The new estimates of GDP by industry for 2001 and the revised estimates for 1999 and 2000 incorporate the results of this year's annual revision of the NIPA's and newly available source data.

## Regular features

1 Business Situation: Advance Estimates for the Third Quarter of 2002
The pace of U.S. production picked up in the third quarter of 2002: Real GDP increased 3.1 percent after increasing 1.3 percent in the second quarter. Most of the pickup was attributable to consumer spending, which was boosted in the third quarter by a surge in auto and truck purchases. U.S. inflation moderated: The price index for gross domestic purchases increased 1.4 percent after increasing 2.3 percent.

13 Comparison of BEA Estimates of Personal Income and IRS Estimates of Adjusted Gross Income: New Estimates for 2000 and Revised Estimates for 1999
BEA's estimates of personal income and the IRS estimates of adjusted gross income (AGI)-two widely used measures of household income-are reconciled through a series of adjustments for definitional and statistical differences between the two measures. This year's reconciliation reflects the recent annual revision of the NIPA's and recent updates to the AGI estimates.

42 Reconciliation of the U.S.-Canadian Current Account, 2000 and 2001
Each year, the U.S. and Canadian current-account estimates are reconciled using a common set of definitions, methodologies, and data sources. On the reconciled
basis, the U.S. current-account deficits with Canada are larger than those shown in the U.S.-published accounts. For 2000, the deficit on the reconciled basis is $\$ 40.4$ billion, compared with the U.S.-published deficit of $\$ 30.5$ billion. For 2001 , the reconciled deficit is $\$ 40.0$ billion, compared with the published deficit of $\$ 26.5$ billion.

## 55 Personal Income by State, Second Quarter 2002

Personal income for the Nation increased 1.3 percent in the second quarter of 2002 , about the same as in the first quarter. The growth in personal income slowed in 35 States and picked up in only 14 States, but the 14 States included the large States of California, New York, and Texas. Nevada led the Nation in personal income growth in the second quarter, and North Dakota was the only State in which personal income declined.

## Reports and statistics

## 8 Updated NIPA Tables

21 Federal Personal Income Tax Liabilities and Payments, 1959-2000

## D-1 BEA Current and Historical Data

## Inside back cover: Getting BEA's Estimates <br> Back cover: Schedule of Upcoming News Releases

## Looking Ahead

Benchmark Input-Output Accounts. An article that presents the 1997 benchmark input-output accounts for the U.S. economy is scheduled to be published in the December Survey. The article will discuss the presentation of the accounts on the basis of the North American Industry Classification System (NAICS), and it will present the make (production) table and the use (consumption) table for 130 NAICS-based industries.
Annual Input-Output Accounts. The annual input-output accounts for 1999 will be made available on BEA's Web site <www.bea.gov> in December. The data will be available as downloadable files and through interactive access.

## Business Situation

## Advance Estimates for the Third Quarter of 2002

ECONOMIC growth picked up in the third quarter of 2002, according to the "advance" estimates of the national income and product accounts (NIPA's). Real gross domestic product (GDP) and gross domestic purchases both increased 3.1 percent; in the previous quarter, GDP had increased only 1.3 percent, and purchases had increased 2.6 percent (table 1 and chart 1).' The price index for gross domestic purchases rose 1.4 percent after increasing 2.3 percent, as energy prices moderated. However, real disposable personal income slowed to a 2.7 -percent increase after increasing 3.6 percent.
This article was prepared by Daniel Larkins and Frederick von Batchelder.

## CHART 1

Selected Measures: Change From Preceding Quarter Percent




Note-Percent change at amual rate from preceding quater,
based on seasonally adjustad estimates.
U.S. Bureau of Economic Analysis

The advance estimates for the third quarter also show the following:

- Consumer spending stepped up substantially and contributed 2.95 percentage points to third-quarter growth in real GDP after contributing 1.22 percentage points to second-quarter growth (table 2). Auto and truck purchases surged, mainly in response to aggressive sales-incentive programs that included generous rebates and zero-rate financing. ${ }^{2}$

[^0]Table 1. Real Gross Domestic Product, Real Gross Domestic Purchases, and Real Final Sales to Domestic Purchasers
[Seasonally adjusted at annual rates]

|  | Billions of chained (1996) dollars |  |  |  |  | Percent change from preceding quarter |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Level | Change from preceding quarter |  |  |  |  |  |  |  |
|  | 2002 | 2001 | 2002 |  |  | 2001 | 2002 |  |  |
|  | III | IV | 1 | 11 | III | IV | 1 | 11 | III |
| Gross domestic product............... | 9,465.2 | 62.4 | 114.4 | 29.2 | 72.8 | 2.7 | 5.0 | 1.3 | 3.1 |
| Less: Exports of goods and services Plus: Imports of goods and services | $\begin{aligned} & 1,071.2 \\ & 1.562 .4 \end{aligned}$ | -26.2 | 8.8 29.9 | 34.9 75.8 | 5.7 9.5 | -9.6 -5.3 | 3.5 8.5 | 14.3 22.2 | 2.1 2.5 |
| Equals: Gross domestic purchases | 9,917.0 | 69.5 | 132.9 | 62.6 | 76.2 | 2.9 | 5.6 | 2.6 | 3.1 |
| Less: Change in private inventories | 1.9 | $-36.6$ | 69.5 | 33.8 | $-3.0$ |  |  |  |  |
| Equals: Final sales to domestic purchasers | 9,903.9 | 102.0 | 72.1 | 31.6 | 77.9 | 4.3 | 3.0 | 1.3 | 3.2 |
| Personal consumption expenditures | 6.6108 | 93.1 | 49.8 | 28.6 | 68.4 | 6.0 | 3.1 | 1.8 | 4.2 |
| Durable goods ............................ | $6,610.8$ $1,032.0$ | 69.4 | -16.1 | 28.6 4.8 | 51.3 | 33.6 | -6.3 | 2.0 | 22.7 |
| Nondurable goods .................. | 1,927.2 | 16.7 | 36.4 | -0. 5 | 6.3 | 3.6 | 7.9 | $-0.1$ | 1.3 |
| Services.............................. | 3.686 .9 | 19.1 | 25.6 | 24.0 | 20.7 | 2.1 | 2.9 | 2.7 | 2.3 |
| Private fixed investment ............. | 1.573 .4 | -37.3 | -2.0 | -3.8 | 0.8 | -8.9 | $-0.5$ | -1.0 | 0.2 |
| Nonresidential ....................... | 1,182.8 | -35.3 | -18.0 | -7.3 | 1.7 | -10.9 | -5.8 | -2.4 | 0.6 |
| Structures. | 221.8 | -23.6 | -9.5 | -11.5 | -9.9 | -30.1 | -14.2 | -176 | -16.0 |
| Equipment and sottware | 976.7 | -6.1 | -6.6 | 7.7 | 15.3 | -2.5 | $-2.7$ | 3.3 | 6.5 |
| Residential | 385.4 | -3.3 | 12.6 | 2.5 | -0.7 | -3.5 | 14.2 | 2.7 | -0.8 |
| Government consumption expenditures and gross |  |  |  |  |  |  |  |  |  |
| investment ............................. | 1.711.1 | 41.2 | 22.8 | 6.0 | 7.8 | 10.5 | 5.6 | 1.4 | 1.8 |
| Federal <br> National defense | 613.1 400.8 | 18.3 12.5 | 10.6 10.5 | 6.9 7.3 | 4.8 5.0 | 13.5 14.3 | 7.4 11.6 | 7.5 7.8 | 2.9 5.1 |
| Nondetense ....................... | 212.4 | 5.9 | 0.2 | 3.6 | -0.5 | 12.1 | 0.4 | 6.9 | -0.9 |
| State and local..................... | 1.098 .1 | 23.0 | 12.2 | -4.6 | 3.4 | 8.9 | 4.6 | -1.7 | 1.2 |
| Addendum: Final sales of domestic product | 9,452.2 | 94.4 | 54.5 | -1.5 | 74.3 | 4.2 | 2.4 | -0.1 | 3.2 |

Nore. Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 currentdollar 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 usually are not additive Chained (1996) dollar levels and residuals, which measure the extent of nonadditivity in each table, are shown in NIPA tables 1.2 . 1.4 , and 1.6 "Selected NiPA Tables." which begins on page D-2 in this issue.)

- A slowdown in imports (which are subtracted in the calculation of GDP) also contributed substantially to the acceleration in GDP growth. ${ }^{3}$ Exports also slowed, but only about half as much as imports.
- Spending by State and local governments turned up, adding 0.16 percentage point to third-quarter growth after subtracting 0.21 percentage point from second-quarter growth. Consumption expendi-

3. Imports of goods and services are included in gross domestic purchases but not in GDP. Exports of goods and services are included in GDP but not in gross domestic purchases.

Table 2. Contributions to Percent Change in Real Gross Domestic Product
[Seasonally adjusted at annual rates]

|  | 2001 | 2002 |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | IV | 1 | II | III |
| Percent change at annual rate: <br> Gross domestic product. | 2.7 | 5.0 | 1.3 | 3.1 |
| Percentage points at annual rates: |  |  |  |  |
| Personal consumption expenditures .............. | 4.05 | 2.22 | 1.22 | 2.95 |
| Durable goods ...................................... | 2.45 | -0.55 | 0.16 | 1.73 |
| Nondurable goods ................................. | 0.73 | 1.57 | -0.02 | 0.27 |
| Services.............................................. | 0.87 | 1.20 | 1.08 | 0.95 |
| Gross private domestic investment ............... | -2.88 | 2.53 | 1.16 | -0.04 |
| Fixed investment..................................... | -1.49 | -0.07 | -0.15 | 0.03 |
| Nonresidential ................................... | -1.33 | -0.66 | -0.27 | 0.07 |
| Structures..................................... | -1.12 | -0.44 | -0.53 | -0.45 |
| Equipment and software.................... | -0.21 | -0.22 | 0.26 | 0.52 |
| Residential....................................... | -0.16 | 0.60 | 0.12 | -0.03 |
| Change in private inventories ................... | -1.39 | 2.60 | 1.31 | -0.07 |
| Net exports of goods and services ................ | -0.28 | -0.75 | -1.40 | -0.13 |
| Exports ............................................... | -0.99 | 0.33 | 1.29 | 0.21 |
| Goods ............................................. | -0.56 | -0.23 | 0.99 | 0.26 |
| Services............................................ | -0.42 | 0.56 | 0.30 | -0.05 |
| Imports......................................... | 0.70 | -1.08 | -2.69 | -0.35 |
| Goods. | 0.37 | -0.40 | -2.74 | -0.52 |
| Services...................................................... | 0.33 | -0.68 | 0.05 | 0.17 |
| Government consumption expenditures and |  |  |  |  |
| gross investment................................... | 1.85 | 1.04 | 0.27 | 0.35 |
| Federal ............................................ | 0.80 | 0.47 | 0.47 | 0.20 |
| National defense ................................. | 0.54 | 0.46 | 0.32 | 0.22 |
| Nondefense ....................................... | 0.26 | 0.01 | 0.16 | -0.02 |
| State and local....................................... | 1.05 | 0.56 | -0.21 | 0.16 |

Nore. More detailed contributions to percent change in real gross domestic product are shown in NIPA table 8.2. Contributions to percent change in major components of real gross domestic product are shown in table 8.3 through 8.6 .
tures increased about the same in both quarters, but gross investment steadied after decreasing.

- Nonresidential investment in equipment and software posted a healthy increase after a modest gain; the increases followed six consecutive quarterly decreases. In contrast, nonresidential structures decreased for the fourth quarter in a row.
- The production of goods increased 6.8 percent after increasing 0.4 percent. The production of services slowed, and the construction of structures decreased, though not as much as in the second quarter (table 3).
- Real motor vehicle output increased 42.2 percent after increasing 8.1 percent. GDP less motor vehicle output increased 2.0 percent after increasing 1.0 percent.
- Inventory accumulation slowed, subtracting 0.07 percentage point from third-quarter GDP growth. In the second quarter, a swing from liquidation to accumulation had added 1.31 percentage points to GDP growth.
-Final sales of domestic product-GDP less inventory investment-increased 3.2 percent after little change.
- Real final sales of computers increased 74.6 per-cent-more than at any time since the fourth quarter of 1995. Price indexes for most categories of computers decreased more than in the second quarter.
- The personal saving rate decreased to 3.7 percent from 4.0 percent. ${ }^{4}$

4. The personal saving rate is measured as personal saving as a percentage of current-dollar disposable personal income. The third-quarter estimate of the national saving rate (which is measured as gross saving as a percentage of gross national product) will be available at the end of November along with the "preliminary" estimate of third-quarter GDP.

Table 3. Real Gross Domestic Product by Type of Product
[Seasonally adjusted at annual rates]

|  | Billions of chained (1996) dollars |  |  |  |  | Percent change from preceding quarter |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \hline \text { Level } \\ & \hline 2002 \end{aligned}$ | Change from preceding quarter |  |  |  |  |  |  |  |
|  |  | 2001 |  | 2002 |  | 2001 |  | 2002 |  |
|  | III | IV | 1 | 11 | III | IV | 1 | II | III |
| Gross domestic product............................................................................ | 9,465.2 | 62.4 | 114.4 | 29.2 | 72.8 | 2.7 | 5.0 | 1.3 | 3.1 |
| Goods <br> Services <br> Structures | $\begin{aligned} & 3,753.0 \\ & 4,933.8 \\ & 464.2 \end{aligned}$ | 37.9 38.2 -11.3 | 72.6 34.5 11.6 | 3.6 42.3 -17.2 | 60.6 28.3 -10.7 | 4.3 3.2 -5.6 | 8.3 2.8 6.1 | 0.4 3.5 -8.4 | 6.8 $\begin{array}{r}6.8 \\ -2.5\end{array}$ -5.5 |
| Addenda: <br> Motor vehicle output <br> Gross domestic product less motor vehicle output $\qquad$ | $\begin{array}{r} 379.1 \\ 9,090.6 \end{array}$ | 12.4 51.2 | 7.9 106.9 | 6.7 23.3 | 31.9 44.7 | 16.3 2.3 | 9.9 4.9 | 8.1 1.0 | 42.2 2.0 |
| Final sales of computers. Gross domestic product less final sales of computers |  | ................. | -...... | .... |  | 28.9 2.6 | -7.8 5.1 | 13.1 1.2 | 74.6 2.8 |

Nore. See note to table 1 for an explanation of chained (1996) dollar series. Chained (1996) dollar levels and residuals for most items are shown in NIPA table 1.4. Detail on motor vehicle output is shown in NIPA table 8.9B.

## Third-Quarter 2002 Advance NIPA Estimates: Source Data and Assumptions

The "advance" estimate for the third quarter is based on the following major source data; as more and better data become available, the estimates will be revised. (The number of months for which data were available is shown in parentheses.)
Personal consumption expenditures: Sales of retail stores (3), unit auto and truck sales (3), and consumers' shares of new-car and new-truck purchases (2);
Nonresidential fixed investment: Unit auto and truck sales (3), construction put in place (2), manufacturers' shipments of machinery and equipment other than aircraft (3), shipments of civilian aircraft (2), and exports and imports of machinery and equipment (2);
Residential investment: Construction put in place (2), single-family housing starts (3), sales of new houses (3), and sales of existing houses (3);
Change in private inventories: Trade and nondurable
manufacturing inventories (2), durable manufacturing inventories other than semiconductors (3), 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: Some Federal outlays were available for 2 months, others for 3, State and local construction put in place (2), and State and local employment (3);
GDP prices: Consumer price indexes (3), producer price indexes (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 list is available on BEA's Web site at <www.bea.gov>.

Table A. Summary of Major Data Assumptions for Advance Estimates, 2002:III
[Bilions of dollars, seasonally adjusted at annual rates]

|  | 2002 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | April | May | June | July. | August | September ${ }^{1}$ |
| Private fixed investment: <br> Nonresidential structures: <br> Buildings: <br> Value of new nonresidential construction put in place. $\qquad$ |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | 179.6 | 170.5 | 166.7 | 162.4 | 159.2 | 159.4 |
| Equipment and sottware: <br> Manufacturers' shipments of complete aircratt | 39.1 | 29.0 | 35.0 | 38.6 | 28.5 | 28.7 |
| Residential structures: |  |  |  |  |  |  |
| Value of new residential construction put in place: |  |  |  |  |  |  |
| 1-unit structures............................................................................................. | 260.5 | 260.5 | 260.0 | 260.2 | 258.3 | 261.4 |
| 2-units-or-more............................................................................................... | 35.1 | 34.4 | 32.8 | 32.9 | 34.6 | 34.9 |
| Change in private inventories: |  |  |  |  |  |  |
| Change in inventories for nondurable manufacturing ..................................................... | 0.0 | -2.0 | 6.9 | 10.2 | 6.6 | -1.0 |
| Change in inventories for merchant wholesale and retail industries other than motor vehicles and equipment. | -22.9 | 6.8 | 20.1 | 31.0 | 7.2 | 1.0 |
| Net exports: ${ }^{2}$ |  |  |  |  |  |  |
| Exports of goods: |  |  |  |  |  |  |
| U.S. exports of goods, international-transactions-accounts basis................................... | 682.2 | 687.9 | 699.0 | 709.3 | 695.8 | 698.9 |
| Excluding gold................................................................................................ | 678.8 | 683.9 | 696.1 | 705.3 | 692.4 | 695.9 |
| Imports of goods: |  |  |  |  |  |  |
| U.S. imports of goods, international-transactions-accounts basis .................................. | 1,164.0 | 1,188.3 | 1,186.4 | 1,177.7 | 1,203.1 | 1,214.6 |
| Excluding gold................................................................................................ | 1,160.8 | 1,184.5 | 1,183.0 | 1,174.6 | 1,199.9 | 1,211.6 |
| Net exports of goods ............................................................................................... | -481.8 | -500.4 | -487.4 | $-468.4$ | -507.3 | -515.7 |
| Excluding gold................................................................................................................................................... | -482.1 | -500.6 | -486.9 | -469.3 | -507.5 | -515.7 |
| Government: |  |  |  |  |  |  |
| State and local: |  |  |  |  |  |  |
| Structures: |  |  |  |  |  |  |
| Value of new construction put in place.................................................................. | 183.6 | 187.9 | 182.6 | 184.9 | 186.5 | 185.7 |

## Assumption

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

## Prices

The price index for gross domestic purchases, which measures the prices of goods and services purchased by U.S. residents, increased 1.4 percent in the third quarter after increasing 2.3 percent in the second. The slowdown was accounted for by a moderation in the prices of energy goods and services. Prices of gross domestic purchases less food and energy increased 1.4 percent, about the same as in first two quarters of the year (table 4 and chart 2).

Prices of goods and services purchased by consumers increased 1.9 percent after increasing 2.7 percent. Energy prices slowed sharply, mainly reflecting a much smaller increase in the price of gasoline and oil. (The average retail price of a gallon of regular gasoline changed little in the third quarter after increasing almost 25 cents in the second quarter.) Prices of electricity and gas and of fuel oil and coal also moderated. Food prices increased less than 1 percent for the second quarter in a row. Prices of other consumer purchases increased 1.9 percent, the same as in the second quarter.

Prices paid by government increased 1.4 percent, half as much as in the second quarter. Prices slowed substantially at both the Federal and the State and local levels, partly in response to moderating energy costs.

Prices of private nonresidential fixed investment decreased for the fifth consecutive quarter. A modest decrease in prices of equipment and software was only

## CHART 2

Gross Domestic Purchases Prices: Change From Preceding Quarter Percent

partly offset by a small increase in prices of structures. The decrease in equipment and software was mainly accounted for by computer equipment and transportation equipment. Computer prices decreased at about their average rate over the past 3 years. Prices of transportation equipment decreased for the third consecutive quarter, mainly because of declining motor vehicle prices; the drop in prices of transportation equipment was the largest since 1972. Prices of residential investment increased slightly.

The GDP price index, which measures the prices paid for goods and services produced in the United States, increased 1.1 percent- 0.3 percentage point less than the increase in the price index for gross domestic purchases. The GDP index, unlike the index for gross domestic purchases, includes the prices of exports and excludes the prices of imports. Import prices and export prices both increased in the third quarter, but the increase in import prices was somewhat larger than the increase in export prices. The price of imported petroleum increased substantially, though much less than in the second quarter.

Table 4. Price Indexes
[Percent change at annual rates; based on seasonally adjusted index numbers (1996=100)]

|  | 2001 | 2002 |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | IV | 1 | II | III |
| Gross domestic product................................ | $-0.5$ | 1.3 | 1.2 | 1.1 |
| Less Exports of goods and services | -3.8 | -0.8 | 3.0 | 3.5 |
| Plus: Imports of goods and services ................. | 4.7 | -1.6 | 11.1 | 4.8 |
| Equals: Gross domestic purchases | 0.4 | 1.2 | 2.3 | 1.4 |
| Less: Change in private inventories ................... |  | ............ | ............... |  |
| Equals: Final sales to domestic purchasers | 0.5 | 1.1 | 2.3 | 1.4 |
| Personal consumption expenditures | 0.8 | 1.1 | 2.7 | 1.9 |
| Duratle goods. | -1.5 | -4.2 | -2.9 | -1.9 |
| Nondurable goods ....................................... | -3.5 | 0.2 | 4.6 | 0.6 |
| Services............................................ | 3.5 | 2.7 | 3.0 | 3.3 |
| Private flxed investment. | -0.1 | -1.5 | -0.2 | -0.5 |
| Nonresidential | -1.6 | -2.0 | -1.4 | -0.9 |
| Structures. | -1.6 | -3.6 | 0.7 | 0.7 |
| Equipment and sottware. | -1.6 | -1.5 | -2. 1 | -1.4 |
| Residential....................... | 3.7 | 0 | 26 | 04 |
| Government consumption expenditures and |  |  |  |  |
| gross investment................................. | -0.3 | 3.6 | 2.8 | 1.4 |
| Federal. | $-0.4$ | 8.4 | 2.3 | 1.1 |
| National defense | -1.1 | 7.3 | 2.0 | 1.2 |
| Nondetense | 0.7 | 10.4 | 2.9 | 0.8 |
| State and local...................................... | -0.3 | 1.1 | 3.1 | 1.5 |
| Addenda: |  |  |  |  |
| Gross domestic purchases: |  |  |  |  |
| Food. | 2.3 | 2.4 | 0.4 | 0.7 |
| Energy | -33.0 | -8.7 | 29.9 | 3.6 |
| Less food and energy ........................ | 2.0 | 1.4 | 1.5 | 1.4 |
| Personal consumption expenditures: |  |  |  |  |
| Food | 2.4 | 2.4 | 0.5 | 0.9 |
| Energy goods and services '. | -32.1 | -9.1 | 29.6 | 3.3 |
| Less food and energy .............................. | 2.7 | 14 | 1.9 | 1.9 |

1. Consists of gasoline, fuel oil, and other energy goods and of etectricity and gas.
2. Consists of gasoline, fuel oil, and other energy goods and of electricity and gas.
Nore Percent changes in major aggregates are shown in NIPA table 8.1. Index numbers are shown in tables

## Personal Income

Real disposable personal income (DPI) increased 2.7 percent in the third quarter after increasing 3.6 percent in the second (chart 3). (During the expansion of the 1990 s , it averaged a 2.8 -percent increase.) Personal income, which is only available in current dollars, also increased less than in the second quarter (table 5). Personal outlays increased more than income (and more than in the second quarter). As a result, saving fell. Saving as a percentage of DPI declined from 4.0 percent in the second quarter to 3.7 percent in the third.

The slowdown in personal income reflected a downturn in rental income and decelerations in transfer payments and interest income.

The downturn in rental income reflected an upturn in expenses, specifically closing costs associated with mortgage originations. Spurred by historically low mortgage rates, refinancing reached record levels in the third quarter.

## CHART 3

Selected Personal Income and Saving Measures
Billion \$


Percent


Note-Changes are from preceding quarter, based on seasonally adjusted annual rates.
U.S. Bureau of Economic Analysis

The slowdown in transfer payments was traceable to unemployment program benefits. The national unemployment rate dipped to 5.7 percent in the third quarter after increasing 0.2 percentage point to 5.9 percent in the second.

The deceleration in interest income reflected a decrease in interest rates. Many short-term and longterm rates dropped in the third quarter after little change in the second. (For examples, see the table "Domestic Perspectives" on page D-42.)

An upturn in farm proprietors' income and a small step-up in wage and salary disbursements partly offset these changes in rental income, transfer payments, and interest income. Farm subsidies increased about as much in the third quarter as in the second, and farm production income decreased less than in the second quarter. A step-up in wage and salary disbursements in service industries more than offset a slowdown in distributive industries.

Table 5. Personal Income and Its Disposition [Billions of dollars; seasonally adjusted at annual rates]

|  | Level | Change from preceding quarter |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2002 | 2001 | 2002 |  |  |
|  | III | IV | 1 | 11 | III |
| Wage and salary disbursements. | 5,041.0 | -22.3 | 26.4 | 39.2 | 44.0 |
| Private industries.................. | 4,184.6 | -30.4 | 11.2 | 31.2 | 36.0 |
| Goods-producing industries.. | 1,120.9 | -16.7 | -6.4 | 2.0 | 2.0 |
| Manutacturing ................ | 760.6 | -13.5 | -10.5 | 2.1 | -0.9 |
| Distributive industries | 1,124.0 | -12.2 | 11.5 | 9.2 | 4.7 |
| Service industries. | 1,939.7 | -1.5 | 6.1 | 20.1 | 29.2 |
| Government.... | 856.4 | 8.1 | 15.2 | 8.0 | 8.0 |
| Other labor income. | 617.2 | 3.9 | 14.4 | 13.4 | 13.1 |
| Proprietors' income with IVA and CCAdj | 758.3 | -1.1 | 17.1 | -0.9 | 10.8 |
| Farm....................................................... | 10.4 | -0.1 | 2.5 | -14.2 | 2.9 |
| Nontarm | 748.0 | -1.0 | 14.6 | 13.3 | 8.0 |
| Rental income of persons with CCAdj ............................................... Personal dividend income ......... | 144.4 437.3 | -1.5 6.3 | 2.0 6.4 | 12.2 6.6 | -9.1 7.0 |
| Personal interest income.. | 1,082.8 | -13.5 | -3.0 | 12.4 | 0.5 |
| Transter payments to persons ... | 1,298.2 | 22.5 | 47.0 | 30.6 | 15.6 |
| Less: Personal contributions for social insurance ... | 386.9 | -0.4 | 7.8 | 3.0 | 3.4 |
| Personal income | 8,992.4 | -5.3 | 102.5 | 110.3 | 78.7 |
| Less: Personal tax and nontax payments | 1.118.0 | 127.8 | -172.9 | -9.6 | -9.2 |
| Equals: Disposable personal income..................... | 7,874.4 | -133.0 | 275.5 | 119.9 | 87.8 |
| Less: Personal outiays.......................................... | 7,584.4 | 107.6 | 66.7 | 81.6 | 106.5 |
| Equa/s: Personal saving....................................... | 290.0 | $-240.7$ | 208.9 | 38.3 | -18.7 |
| Addenda: Special factors in personal income: |  |  |  |  |  |
| In private wages and salaries: <br> Ellects of the September 11 terrorist attacks ...... | 0 | 3.3 | 0 | 0 | 0 |
| In government wages and salaries: <br> Federal pay raise | 9.0 | 0 | 8.4 | 0.6 | 0 |
| Effects of the September 11 terrorist attacks ..... | 3.3 | 2.8 | -0.5 | 0.3 | -0.2 |
| In transfer payments to persons: <br> Social security retroactive payrnents. | 0 | 1.8 | -1.8 | 0 | 0 |
| Cost-of-living adjustments in Federal transfer programs | 13.5 | 0.7 | 12.8 | 0 | 0 |
| Correction for error in indexing for social security and supplemental security income benefits | 0 | -3.7 | -0.5 | 0.1 | -0.1 |
| In personal tax and nontax payments: Federal tax law changes. | -42.9 | 0 | -42.6 | -0.3 | 0 |
| Refunds and State tax law changes ....................... | $-0.1$ | 2.2 | -0.2 | 0.2 | 1.0 |

Noife. Most dollar levels are in NIPA table 2.1.
A inventory valuation ad uns idis.

## Personal Income

Real disposable personal income (DPI) increased 2.7 percent in the third quarter after increasing 3.6 percent in the second (chart 3). (During the expansion of the 1990s, it averaged a 2.8 -percent increase.) Personal income, which is only available in current dollars, also increased less than in the second quarter (table 5). Personal outlays increased more than income (and more than in the second quarter). As a result, saving fell. Saving as a percentage of DPI declined from 4.0 percent in the second quarter to 3.7 percent in the third.

The slowdown in personal income reflected a downturn in rental income and decelerations in transfer payments and interest income.

The downturn in rental income reflected an upturn in expenses, specifically closing costs associated with mortgage originations. Spurred by historically low mortgage rates, refinancing reached record levels in the third quarter.

## CHART 3

Selected Personal Income and Saving Measures Bilion $\$$


Percent.


Percent
5. PERSONALSAVING RATE


The slowdown in transfer payments was traceable to unemployment program benefits. The national unemployment rate dipped to 5.7 percent in the third quarter after increasing 0.2 percentage point to 5.9 percent in the second.

The deceleration in interest income reflected a decrease in interest rates. Many short-term and longterm rates dropped in the third quarter after little change in the second. (For examples, see the table "Domestic Perspectives" on page D-42.)

An upturn in farm proprietors' income and a small step-up in wage and salary disbursements partly offset these changes in rental income, transfer payments, and interest income. Farm subsidies increased about as much in the third quarter as in the second, and farm production income decreased less than in the second quarter. A step-up in wage and salary disbursements in service industries more than offset a slowdown in distributive industries.

Table 5. Personal Income and lis Disposition
[Biliions of dollars; seasonally adjusted at annual rates]

|  | Level | Change from preceding quarter |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2002 | 2001 | 2002 |  |  |
|  | III | IV | 1 | II | III |
| Wage and salary disbursements. | 5,041.0 | -22.3 | 26.4 | 39.2 | 44.0 |
| Private industries................. | 4,184.6 | -30.4 | 11.2 | 31.2 | 36.0 |
| Goods-producing industries........................ | 1,120.9 | -16.7 | -6.4 | 2.0 | 2.0 |
| Manufacturing ..................................... | 760.6 | -13.5 | -10.5 | 2.1 | -0.9 |
| Distributive industries ....................................... | 1,124.0 | -12.2 | 11.5 | 9.2 | 4.7 |
| Service industries..................................... | 1,939.7 | -1.5 | 6.1 | 20.1 | 29.2 |
| Government................................................ | 856.4 | 8.1 | 15.2 | 8.0 | 8.0 |
| Other labor income.......................................... | 617.2 | 3.9 | 14.4 | 13.4 | 13.1 |
| Proprietors' income with IVA and CCAdj ............... | 758.3 | -1.1 | 17.1 | -0.9 | 10.8 |
| Farm........................................................ | 10.4 | -0.1 | 2.5 | -14.2 | 2.9 |
| Nonfarm ....................................................... | 748.0 | -1.0 | 14.6 | 13.3 | 8.0 |
| Rental income of persons with CCAdj ................... | 144.4 | -1.5 | 2.0 | 12.2 | -9.1 |
| Personal dividend income .................................. | 437.3 | 6.3 | 6.4 | 6.6 | 7.0 |
| Personal interest income..................................... | 1,082.8 | -13.5 | -3.0 | 12.4 | 0.5 |
| Transfer payments to persons ............................. | 1,298.2 | 22.5 | 47.0 | 30.6 | 15.6 |
| Less: Personal contributions for social insurance... | 386.9 | -0.4 | 7.8 | 3.0 | 3.4 |
| Personal income................................................ | 8,992.4 | -5.3 | 102.5 | 110.3 | 78.7 |
| Less: Personal tax and nontax payments .................. | 1,118.0 | 127.8 | -172.9 | -9.6 | -9.2 |
| Equals: Disposable personal income...................... | 7,874.4 | -133.0 | 275.5 | 119.9 | 87.8 |
| Less: Personal outlays.......................................... | 7,584.4 | 107.6 | 66.7 | 81.6 | 106.5 |
| Equals: Personal saving....................................... | 290.0 | -240.7 | 208.9 | 38.3 | -18.7 |
| Addenda: Special factors in personal income: <br> In private wages and salaries: <br> Effects of the September 11 terrorist attacks ...... | 0 | 3.3 | 0 | 0 | 0 |
|  |  |  |  |  |  |
| In government wages and salaries: <br> Federal pay raise. | 9.0 | 0 | 8.4 | 0.6 | 0 |
| Effects of the September 11 terrorist attacks ........................... | 3.3 | 2.8 | -0.5 | 0.3 | -0.2 |
| In transfer payments to persons: |  |  |  |  |  |
| Social security retroactive payments ................ | 0 | 1.8 | -1.8 | 0 | 0 |
| Cost-of-living adjustments in Federal transter programs. | 13.5 | 0.7 | 12.8 | 0 | 0 |
| Correction for error in indexing for social |  | -3.7 | $-0.5$ | 0.1 | -0.1 |
| security and supplemental security income benefits | 0 |  |  |  |  |
| In personal tax and nontax payments: |  | 02.2 | $\begin{array}{r} -42.6 \\ -0.2 \end{array}$ | $\begin{array}{r} -0.3 \\ 0.2 \end{array}$ | 01.0 |
| Federal tax law changes................................. | -42.9 |  |  |  |  |
| Refunds and State tax law changes .................. | -0.1 |  |  |  |  |
| Note. Most dollar levels are in NIPA table 2.1. IVA Inventory valuation adjustment. CCAdj Capital consumption adjustment. |  |  |  |  |  |

## Improving consistency and integration with other accounts

- A presentation that shows separate incomes and outlays for households and for nonprofit institutions serving households has been developed.
- The methodology for preparing BEA's estimates of the stock of fixed assets and consumer durable goods will be reviewed before the conversion to NAICS in 2004. New service lives for aircraft and motor vehicles are under consideration. A new type-of-asset classification for structures will be adopted. The investment and depreciation flows used in estimating the stocks will be more closely integrated with the NIPA's.
- A proposal to reclassify services of owner-occupied housing (both farm and nonfarm) and the rental value of fixed assets owned and used by nonprofit institutions serving households from the business sector to the households and institutions sector is being investigated. A proposal to classify transactions of Indian tribal governments as part of State and local governments is also being investigated.


## Improving consistency with international standards

- Research is underway on the question of whether part of the consumption of the imputed services furnished without payment by financial intermediaries should be allocated to borrowers, as recommended by the
international guidelines for national accounts, System of National Accounts 1993 (SNA).
-The presentation of government consumption expenditures and gross investment may be revised to emphasize the government's role as a producer of services. Partial estimates of the change in government inventories are being investigated.
- Additional presentational and definitional changes have been proposed that would move the NIPA's toward conformity with the SNA.
- Research is underway to investigate the feasibility of converting selected government estimates from a cash basis to an accrual basis.
Constraints on time, resources, and source data will play a role in deciding which improvements will be implemented.

During the next year, BEA will provide additional information on the comprehensive revision in Survey of Current Business articles that preview the proposed changes, at meetings of the BEA Advisory Committee, and at other group meetings of experts. If you have comments or suggestions on the comprehensive revision, please contact:

Steve Landefeld, Director
202-606-9600, steve.landefeld@bea.gov
Brent Moulton, Associate Director for
National Economic Accounts
202-606-9606, brent.moulton@bea.gov.

## Updated NIPA Tables

Per capita estimates beginning with 1990 in national income and product accounts (NIPA) tables 2.1, 2.9, and 8.7 have been revised to incorporate the intercensal population estimates released in September 2002 by the Bureau of the Census.

Table 2.9 provides revised annual and monthly esti-
mates of current-dollar and real per capita personal income and of population. All estimates in table 8.7 are revised; the estimates in table 2.1 that are revised are shown on lines 4,11 , and 16 of this table.

Tables 2.9 and 8.7 follow.

Table 2.9. Personal Income and Its Disposition
[Months seasonally adjusted at annual rates]


Table 2.9. Personal Income and Its Disposition-Continued
[Months seasonally adjusted at annual rates]

| $\begin{aligned} & \text { Year and } \\ & \text { month } \end{aligned}$ | Billions of dollars |  |  |  |  |  |  |  | Disposable personal income |  |  | Population (mid-period,thousands) thousands | $\begin{gathered} \text { Personal } \\ \text { saving as a } \\ \text { percentage of } \\ \text { disposable } \\ \text { personal } \\ \text { income } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Personal income | Lessonal tax and nontax payments | Equals: Disposable income | Less: Personal outays |  |  |  | Equals: Personalsaving | Total, billions of chained(1996) dollars | Per capita |  |  |  |
|  |  |  |  | Total | $\begin{gathered} \text { Personal } \\ \text { consumplion } \\ \text { expenditures } \end{gathered}$ | Interest paid by persons | Personal taransif) pheyments to to thersot othe World (net) |  |  | Current dollars | $\begin{aligned} & \text { Chained } \\ & \text { (1996) } \\ & \text { (doliars } \end{aligned}$ |  |  |
| 1993 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January .-..... |  | 641.564.964.766.766.367.767.767.7687.5689.568.268.3726.372.3 |  |  |  | 117.4 <br> 117.1 <br> 116.2 <br> 115.9 <br> 114.6 <br> 114.8 <br> 114.3 <br> 114.3 <br> 114.7 <br> 115.1 <br> 115.0 <br> 115.5 |  | 341.8 <br> 332. <br> 345.9 <br> 376.7 <br> 387.7 <br> 357.2 <br> 337.3 <br> 342.3 <br> 34.2 <br> 319.9 <br> 312.0 <br> 349.4 <br> 44.3 |  |  |  |  | 7.1 <br> 6.9 <br> 7.2 <br> 7.7 <br> 7.8 <br> 7.8 <br> 6.2 <br> 6.9 <br> 6.5 <br> 6.3 <br> 6.3 <br> 8.7 |
| February |  |  |  |  |  |  |  |  |  |  |  |  |  |
| March.......... |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| June. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| July ............ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| August....... |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{\text {October }}$ Nor |  |  |  |  |  |  |  |  |  |  |  |  |  |
| November.....: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1994 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January ....... |  | 695.3693.469.776.771.3717.677.672.472.372.372.173.4739.4742.3 |  |  |  |  | 15.315.315.315.515.515.515.715.715.715.915.915.9 | 272.6266.328.0282.034.934.9327.831.731.3328.234.234.7355.6350.3 |  |  |  |  | 5.55.35.65.65.56.86.36.46.06.36.66.66.36.6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Aprii ........... |  |  |  |  |  |  |  |  |  |  |  |  |  |
| May..... |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Juhy .....) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| August......: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seprember..... |  |  |  |  |  |  |  |  |  |  |  |  |  |
| November.....: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{gathered} \text { December...... } \\ 1995 \end{gathered}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| vary... |  | 748.275.2755.0809.476.2769.977.078.078.079.679.789.680.3 |  |  |  | 126.1127.3129.213.013.013.913.3135.0136.113.1149.414.2 .8143.318.3 |  | 340.0 30.5 | ${ }_{5}^{5.515 .3}$ |  |  | 264,924265, <br> 2655 <br> 2683 | ${ }_{\text {c }}$ |
| Febirayy |  |  |  |  |  |  | 159 159 159 | 337.4 | ${ }_{5,571.5}^{5.517 .2}$ | 20,20520,2520,2500 |  |  |  |
| Marich ...). |  |  |  |  |  |  | 15.6 |  |  |  |  |  |  |
| May.... |  |  |  |  |  |  | ${ }^{15.6}$ |  |  | 20,2420,3420 | 20,767 |  | 5.5 <br> 5.1 <br> 5.1 |
| June...... |  |  |  |  |  |  | ${ }_{156.4}^{15}$ |  |  |  |  |  |  |
| Algust |  |  |  |  |  |  | ${ }^{16.4}$ | ${ }_{292.1}^{263.9}$ | 5,542.2 <br> $\substack{\text { 5,599.0 } \\ 5,568.9}$ | 20,406 | $2,7,780$ 20,820 20 | - 2666 | 5.6 |
| Sectiember |  |  |  |  |  |  | 16.4 <br> 18.0 <br>  <br> 180 | ${ }_{3072}^{292.1}$ |  |  | ${ }^{20,8234}$ |  | 5.35.6.5.2 |
| November. |  |  |  |  |  |  | 18.0 |  |  | ${ }^{20,5723}$ | 20.881 <br> 20,98 | ${ }_{2}^{2677.585}$ |  |
| December. |  |  |  |  |  |  | 18.0 | 267.0 | 5,599.7 |  |  |  |  |
|  |  | $\begin{aligned} & 819.4 \\ & 83.4 \\ & 840.2 \\ & 80.2 \end{aligned}$ | $\begin{aligned} & 5,533.1 \\ & .5 .50 .6 \\ & 5.609 .5 \\ & \hline, 6.69 .5 \end{aligned}$ | 5,251.6 |  |  |  |  |  |  |  |  | 5.15.0 |
| Febiruay ... |  |  |  |  |  | $\begin{array}{r}14.3 \\ \hline 14.5 \\ \hline 146.4 \\ \hline\end{array}$ | $\begin{array}{r}17.4 \\ 17.4 \\ \hline\end{array}$ | 28.7 <br> 28.8 <br> 203.5 <br> 2.5 |  |  |  |  |  |
| March .......... |  |  | 5.575.6 | cis.31.7. |  |  |  |  |  | 退 20.0894 |  |  | 5.13.74.6 |
| May.... |  | ${ }_{8}^{855.7}$ | 5,661.5 | ${ }_{5,3899.1}$ |  |  | 17.0 18.0 18.0 18.0 | -26.4 | ${ }_{5,662.7}^{5.661 .3}$ | $2,1,011$ 21,11 20 | $2,1,047$ 21,143 20 | 2686898 <br> 269,247 <br> 208 |  |
| June ..... |  | ${ }_{8686.7}^{86.7}$ | 5,694.8 | ${ }_{5,408.6}^{5}$ |  |  | 18.2 |  |  | $2{ }_{2} 2,129$ | 22,118 | 269,527 | 5.2 <br> 5.0 |
| Augus, |  | 877.4. | 5,7.718.5 | 5.438.2 |  |  | 18.2 <br> 18.2 <br> 18.2 | 280.3 291.8 20 | $5,710.6$ <br> $5,7726.3$ | 2, 21.124 | $\xrightarrow{21,165}$ | 269, ${ }^{2692}$ | 4.9 |
| ${ }_{\text {S }}$ September..... |  | ${ }^{885.8} 8$ |  | ci, 5 |  |  |  | 291.8 |  | $\xrightarrow{21,272}$ |  |  | 5.14.64.74.6 |
| November...... |  | ${ }_{9}^{896.3}$ | 5,7787 $5,807.5$ | ${ }_{5,542.3}^{5}$ | $5,365.9$ | $\begin{array}{r}155.5 \\ 157.1 \\ \hline\end{array}$ | 19.3 19.3 | ${ }_{265.2}^{270.7}$ | $5,746.8$ 5 | $2,1,34$ 21,430 | $\xrightarrow{21,1,27}$ | 270,730 271,002 |  |
| 1997 |  |  |  |  |  |  |  |  |  |  |  |  | 4.14.24.44.44.84.5.8 .7.44.04.14.24.34.3 |
| January......... |  |  |  |  |  | 157.515.515.016.416.2 .416.916.316.816.816.316.317.017.2172.4172.0 | 20.320.320.320.320.420.420.421.221.221.221.222.922.922.922.9 | 240.724.4240.22659259.128.526.326.922.9248.2249.025.526.5258.425.1 |  |  |  | 271,243 |  |
| Febrrany ........ |  |  |  |  |  |  |  |  |  |  |  | 271,772 |  |
| Aprii............ |  |  |  |  |  |  |  |  |  |  |  | ${ }^{271,952}$ |  |
| May .e.... |  |  |  |  |  |  |  |  |  |  |  | ${ }_{272}^{272,482}$ |  |
| Juty |  |  |  |  |  |  |  |  |  |  |  | 272,767 |  |
| August... |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Octiober ..... |  |  |  |  |  |  |  |  |  |  |  | 273,703 |  |
| November. |  |  |  |  |  |  |  |  |  |  |  | $\xrightarrow{274,249}$ |  |

Table 2．9．Personal Income and Its Disposition－Continued
［Months seasonally adjusted at annual rates］

| $\begin{aligned} & \text { Year and } \\ & \text { month } \end{aligned}$ | Billions of dollars |  |  |  |  |  |  |  | Disposable personal income |  |  | Population（mid－periodthousands） | $\begin{gathered} \text { Personal } \\ \text { seving asa } \\ \text { percentage of } \\ \text { pisposabl } \\ \text { dipersonal } \\ \text { income } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Personal | Lersonal tax and nontax payments | Equals： Disposable personalincome incom | Less：Personal outlays |  |  |  | Equals： Personalsaving savin |  | Per capita |  |  |  |
|  |  |  |  | Total | Personal consumplion expenditures expenditures | Interest paid by persons | Personal taranster payments to the restof the world（net） |  |  | Current | $\begin{aligned} & \text { Chained } \\ & \text { (1996) } \\ & \text { dollars } \end{aligned}$ |  |  |
| 1998 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January ．．．．．．． | 7.199 .8 | 1，027．3 | 6.172 .5 | 5，871．2 | 5，678．7 | 169.6 | 22.9 | 301.3 | 6.019 .1 | 22,486 | 21，928 | 274，499 | 4.9 |
| Feeruay．．．．．．． | ${ }_{7}^{7,256.2}$ | 1.035 .9 | 6．220．4 | 5．999．1 | －5，726．5 | ${ }^{169.7}$ | ${ }_{222}^{22.9}$ | ${ }_{321.2}^{301.3}$ | ${ }_{6}^{6} .0 .063 .7$ | ${ }_{2}^{22,642}$ | 22.071 | 274，732 | 4.8 |
|  | 7.340 .8 | $1,1044.2$ | 6，296．6 | 5，9667．7 | 5，7，70．4 | ${ }^{173.0}$ | ${ }_{24.3}$ | ${ }_{328.9}$ | 6．128．1 | ${ }^{22,882}$ | 22,270 | 275，935 | 5.2 |
| May ．．．．） | $7,395.7$ | $1,1056.4$ | 6．329．3 | 6.032 .3 | 5．834．3 | ${ }^{173.6}$ | 24.3 | 297.0 | $6,152.7$ | 22.979 | 22.338 | 275，434 | 4.7 |
| June．．．．．．．．．．．． | 77.412 .9 | 1.065 .7 |  | 6，054．7 | 5， 5 565．2 | ${ }^{175.1}$ | 24．3 | 301.5 3 3191 | ¢，${ }_{6}^{6,1930.1}$ | 23，${ }_{23}^{23,55}$ | 22，441 | 275，700 | 4.7 |
| Alfoust．．．．．．．．： | 77.497 .0 | $1,086.4$ | 6，940．6 | 6，096．4 | 5．8995．9 | 176.0 176.3 | 24．2 | 319.1 <br> 314.2 | 6， $6,120.5$ | 23，204 | ${ }^{222,480}$ | － 275 | 4.9 |
| Sepiember．．．．． | ${ }_{7}^{7} 54888.3$ | ${ }^{1,10918}$ | ${ }_{6}^{6,426.6}$ | 6，125．6 6,1607 | （1，994．9 | ${ }^{176.5}$ | 24．22 | 301．0 | 6， 6.226 .0 | 23，237 23 2301 | ${ }_{2}^{22,512}$ | 276．566 | 4.7 |
| November．．．．．． | 7.581 .5 | 1，109．4 | 6.472 .1 | 6，181．6 | 5，981．0 | 174.8 | ${ }_{25.8}$ | 290.5 | 6，251．6 | 23,353 | 22.558 | 277，140 | 4.5 |
| December．．．．．． | 7，597．2 | 1，118．5 | 6，478．7 | 6，226．7 | 6，027．1 | 173.7 | 25.8 | 25.1 | 6，252．9 | 23，355 | 22，541 | 277，402 | 3.9 |
| January ．．．．．．． |  | 1，117．7 |  |  | 6.035 .9 | 173.0 |  |  | 6，276．7 |  |  | 277，658 |  |
| Feibruary．．．．．． | 77.655 .8 | 1，1129．4 |  |  | 6， 6.075 | 173.3 174 17 | ${ }_{26,3}^{26,3}$ |  | 6， $6,286,3$ | 23，486 <br>  <br> 23535 <br> 355 | －2， 2.622 | ${ }^{277,981}$ | 3.9 3 |
| April ．．．．．．．．．．．．． | 7.691 .7 | $1,130.9$ | 6．550．8 | 6，380．1 | 6， 6.176 .5 | 176．4 | 27．2 | ${ }^{288.7}$ | 6， 6825.7 | ${ }_{23,572}$ | ${ }^{22.584}$ | 278，324 | 2．8 |
|  | 77.721 .5 | 1.1422 .9 | ${ }^{6,568.6}$ | 6，388．0 | ${ }_{6}^{6,183.3}$ | 17786 |  | ＋190．6 | 6,63998 | 23，${ }_{2}^{2314}$ | 22，612 | 278，54 | 2.9 |
|  | $7,773.4$ | 1，162．6 | 6.610 .7 | 6．469．5 | 6．263， | 178.7 | ${ }^{277.6}$ | 1412． | $6,312.5$ | 23，682 | ${ }^{22,613}$ | 279，148 | 2.1 |
| Angust．．．．．．． | 77899.5 | 1.158 .1 | 6.661 .4 | 6，508．6 | 6，3310．0 | ${ }^{1880.0}$ | 27，6 | ${ }^{1+52.8}$ | 6．337．4 | 退退， | ${ }_{22,573}^{22,74}$ | 279948 | ${ }_{1}^{2.3}$ |
| ${ }_{\text {S }}$ Seppember．．．．．： | 77.8988 .0 | ${ }^{1} 1,180.8$ | 6．7068．6 | 6．5882．3 | $6,3.34 .9$ 6.369 .9 | 188.7 <br> 184.2 <br> 18 | 28.6 <br> 28.2 | ${ }^{1206.0}$ | 6， 6.359 .8 | － | 222，709 | 279，753 | 1.6 |
| November．．．．． | $7,955.1$ | $1,200.3$ | 6，754．8 | 660.11 | 6.387 .2 | ${ }^{186.7}$ | ${ }^{28.2}$ | ${ }^{1552.8}$ | 6，3999．0 | 24，095 | 22，826 | 280，337 | ${ }^{2} .3$ |
| $\begin{aligned} & \text { December....... } \\ & 2000 \end{aligned}$ | 8，027．6 | 1，215．8 | 6，811．9 | 6，703．9 | 6，486．3 | 189.4 | 28.2 | 108.0 | 6，439．2 | 24，277 | 22，948 | 280，594 |  |
| January ．．．．．．．． | 8.149 .6 | 1.244 .8 | 6.904 .8 | 6，708．1 | 6，487．0 | 193.0 | 28.2 | 196.7 | 6，508．5 | 24，586 | 23,175 | 280,846 |  |
| ${ }_{\text {February．．．．．．．}}^{\text {March }}$－ | ${ }_{8,8,276.4}^{8,288}$ | 1，258．2 | \％ $7,71090.6$ | 6， 6.782 .5 | 6.558 .7 6.610 .9 | ${ }^{1959.7}$ | ${ }_{28.2}^{28.2}$ | ${ }^{1688.1}$ | 6，555．0 | 24，${ }_{24,928}^{24,782}$ |  | 281,083 281,299 | 2.4 2.5 |
| Apriil ．．．） | 8.302 .8 | 1．268．1 | 7，034．7 | 6.880 .2 | 6.61 .17 | 199.6 | 29.0 | 194.5 | $6,575.2$ | 24.987 | ${ }^{23,3355}$ | 281.530 | 2.8 |
| June．．．．．．．．．．．．．．． | 88，398．1 | 1，281．5 | $7,7,16.6$ |  | 6．671．${ }_{6}^{60.63 .3}$ | 204.6 | 29.0 29.0 | $\xrightarrow{211.9}$ | ${ }_{6,630.8}^{6.665}$ | ${ }_{25,237}^{25,29}$ | 23，515 | ${ }_{281985}$ | ${ }_{3}^{3.0}$ |
| July | 88.482 .3 | 1.289 .3 | ${ }^{7} 716.162 .9$ | 6，936．1 | 6,69775 | 208.7 | 30.0 | 2268. | 6，661．9 | ${ }^{25,381}$ | 23，605 | ${ }^{282,221}$ | ${ }^{3.2}$ |
| Sepiember．．．．． | 8.5525 | 1，309．0 | $7,126.5$ | 7，035．7 | 6，793．3 | 212.4 | 30.0 | ${ }_{180.8}^{28.8}$ | $6,685.5$ | 25，524 | ${ }_{23,646}$ | ${ }_{282,736}$ | ${ }^{3.5}$ |
| October ${ }^{\text {and．e．．}}$ | ${ }_{8,5752.6}^{8.556 .8}$ | ${ }^{1,3,32.2}$ | ${ }_{7}^{7,2546.0}$ | ${ }_{7}^{7,032.8}$ | ${ }_{\text {c }}^{6.7788 .4} 8$ | 213.4 213 213 | 30.9 <br> 30.9 | ${ }^{211.8}$ | 6，7700．9 |  |  | 282，999 | ${ }_{30}^{2.9}$ |
| December．．．．．． | 8.600 .3 | $1,321.4$ | $7,278.9$ | 7，085．3 | 6，841．7 | 212.7 | 30.9 | 193.6 | 6，715．0 | 25，684 | 23，694 | 283，398 | 2.7 |
| 2001 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 88.644 .4 | 1，337．8 | $7,306.6$ 773154 7 | 77.143 .0 | 6，901．8 | 210.3 <br> 208. <br> 20.5 | 30.9 | $\xrightarrow{163.6} 1$ | 6，703．7 | 25.764 <br> $\substack{25777}$ <br>  | － | 283.592 283789 |  |
| ${ }_{\text {M }}$ Marchary ．．．．．．．．．．． | ${ }_{8,674.2}^{8,65.6}$ | ${ }^{1,343.5}$ | 7.330 .7 | 7，140．5 | 6．903．1 | 206.5 | 30．9 | ${ }^{1960.2}$ | －6．770．7 | ${ }^{25,812}$ | ${ }_{23,629}^{23,69}$ | 284，002 | ${ }_{2}^{2} 2$ |
| Apria ．．．．．．．．．．． | ${ }_{8,668.3}^{8,6789}$ | ${ }^{1,337.8}$ | ${ }_{7}^{73342}$ | $7,169.8$ <br> 72053 <br> 7.3 |  | 207．0 | 30.9 <br> 30.9 | 171．4． | 6，77088．5 | －25，829 | ${ }_{23507}^{23,604}$ | ${ }_{284}^{284} 4$ | 1.8 18 |
| June．．－．．．．． | $8,681.3$ | 1.336 .5 | $7,344.8$ | 7.220 .4 | $6,981.0$ | 208.4 | 30.9 | 124.4 | 6，6899．1 | 25，802 | ${ }^{23,498}$ | 284,663 | 1.7 |
| August． | 8.8010 | $1,1,46.2$ | 7，5994．3 | 7，7，256．2 | ${ }_{7} \mathbf{7}, 9177.6$ | 2006.7 | 31.8 | － 324.6 | 6，9917．5 | ${ }^{26,633}$ | ${ }_{24,259}^{2,565}$ | 285，5151 | ${ }_{4}^{3.5}$ |
| September．．．．． | 88.787 .5 | 1，190．9 | 7．7516．6 | 77.172 .6 | ${ }_{7}^{6.9355}$ | 204.9 | 31.8 306 | 344.0 <br> 25 | 6，788．2 | 促， | 24，100 | ${ }^{2855409}$ | 4.6 |
| November．．．．．． | 88.686 .7 | 1.304 .5 | 7.382 .2 | $7,316.9$ | 7.7087 .4 | 198．9 | 30.6 | 65.3 | 6，7718．7 | ${ }_{25,821}$ | $2{ }^{23,500}$ | 285，906 | ． 9 |
| $\begin{gathered} \text { December...... } \\ 2002 \end{gathered}$ | 8.730 .9 | 1，312．0 | 7.418 .9 | 7，325．1 | 7，097．9 | 196.7 | 30.6 | 93.8 | 6.761 .9 | 25，929 | 23，633 | 286，124 | 1.3 |
| January． |  | 1.140 .1 | 7.626 .7 |  |  | 193.7 |  | 271.0 |  | 26,636 | 24，234 | 286,328 |  |
| Februay．．．．．． | 8，8．836．3 | ${ }^{1,1,136.1}$ | ${ }_{7}^{7,6702.1}$ | 7，408．9 | 7，186．8 | ${ }^{19076}$ | 31.5 <br> 31.5 |  |  |  | 24,312 24.342 | ${ }_{286681}^{286.512}$ | 3．4 |
| Aprii ．．．．．．．．．．．． | 8.869 .2 | 1.127 .4 | 7.741 .7 | 7，464，1 | $7,242.7$ | 189.4 | 31.9 | 277.7 | 6.983 .3 | 26.987 | 24，344 | ${ }_{2868865}$ | 3.6 |
| May．．．．．．．．．．．．． | 88，966．0 | ${ }^{1,12} 128.7$ | 7，7830．6 | 7，467．9．8 | 7，24．6．6 | ${ }^{1993.3}$ | 31.9 <br> 31.9 | 312.7 <br> 335.6 <br>  <br>  <br> 18 | ${ }_{7}^{7,0622.8}$ | 227，281 | ${ }_{24,585}^{24,455}$ | ${ }_{287}^{288,064}$ | 4.0 4.3 |
| July－ | $8,8682.5$ | ${ }^{1,11182}$ | 78784.2 | ${ }_{7,566.7}$ | 7．354．1 | ${ }^{190.5}$ | 32．2 | ${ }_{\text {cker }}^{2675}$ | $7,7,057.8$ | ${ }^{27,783}$ | 24,547 | 287，519 | 3.4 |
|  | 8，9885．8 <br> 9,98 | 1，117．9 | 7，807．9 | 7，654．3 | ${ }_{7}^{7,354.7}$ | 188.8 185 | 32.2 32.2 | 265.8 3358 | 7，083．2 | 22， <br> 27,456 | 24，592 | 287，768 | 4.2 |

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

|  | Line | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1990 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | II | III | IV |
| Current dollars: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gross domestic product.. | 1 | 23,215 | 23,637 | 24,622 | 25,546 | 26,803 | 27,787 | 28.997 | 30,505 | 31,830 | 33,234 | 34,823 | 35,398 | 22.981 | 23,246 | 23,353 | 23,278 |
| Gross national product.... | 2 | 23,330 | 23,735 | 24,714 | 25,640 | 26,867 | 27,864 | 29,064 | 30,531 | 31,817 | 33,315 | 34,906 | 35,475 | 23,080 | 23,349 | 23.437 | 23,454 |
| Personal income............ | 3 | 19,614 | 20,080 | 21,004 | 21,576 | 22,372 | 23,283 | 24,299 | 25,439 | 26,917 | 27,902 | 29,797 | 30,494 | 19,285 | 19,556 | 19,783 | 19,831 |
| Disposable personal income.. $\qquad$ | 4 | 17,176 | 17,669 | 18,527 | 18,981 | 19,626 | 20,361 | 21,072 | 21,887 | 23.037 | 23,749 | 25,237 | 25,957 | 16,892 | 17,120 | 17,316 | 17,371 |
| Personal consumption expenditures........ |  |  |  |  | 17,133 |  | 18,657 | 19,438 | 20,277 | 21,226 | 22,384 | 23,690 | 24,531 | 15,083 | 15,255 | 15,468 |  |
| expenditures........... | 5 | 15,327 1,871 | 15,681 1.749 | $\begin{array}{r}16,403 \\ 1.834 \\ \hline\end{array}$ | $\begin{array}{r}17,133 \\ 1,975 \\ \hline\end{array}$ | 17,920 2,131 | 18,657 2,214 | 19.438 2 | ${ }_{2}^{2}, 235$ | 2, 21.213 | - 2709 | 23,689 2849 | 24,535 2 | 15,083 1 | $\begin{array}{r}15.235 \\ 1.881 \\ \hline\end{array}$ | $\begin{array}{r}1.853 \\ \hline\end{array}$ | 15,500 1,796 |
| Nondurable goods ........ | 7 | 4,985 | 5,050 | 5,155 | 5,289 | 5,464 | 5,622 | 5.842 | 6,020 | 6,193 | 6.558 | 6,993 | 7,167 | 4,908 | 4,943 | 5,028 | 5.059 |
| Services................... | 8 | 8,472 | 8,882 | 9,414 | 9,869 | 10,326 | 10,821 | 11,308 | 11,901 | 12,520 | 13.117 | 13.848 | 14,430 | 8,222 | 8.432 | 8,587 | 8,645 |
| Chained (1996) dollars: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gross domestic product.. | 9 | 26,834 | 26,363 | 26,809 | 27,163 | 27,918 | 28,325 | 28,997 | 29,922 | 30,842 | 31,746 | 32,579 | 32,352 | 26,980 | 26,980 | 26,846 | 26.530 |
| Gross national product .... | 10 | 26,962 | 26,469 | 26,909 | 27,260 | 27,981 | 28,401 | 29,064 | 29,954 | 30,840 | 31,834 | 32,667 | 32,432 | 27,090 | 27,096 | 26,939 | 26.725 |
| Disposable personal income. | 11 | 20,058 | 19,873 | 20,220 | 20,235 | 20,507 | 20,798 | 21,072 | 21,470 | 22,359 | 22,678 | 23,501 | 23,692 | 20,092 | 20,146 | 20,107 | 19,888 |
| Personal consumption expenditures. | 12 | 17,899 | 17,637 | 17,903 | 18,264 | 18,724 | 19,058 | 19,438 | 19,891 | 20,601 | 21,373 | 22,061 | 22,390 | 17,940 | 17,950 | 17,962 | 17.746 |
| Durable goods .............. | 13 | 1,948 | 1,796 | 1,866 | 1,993 | 2,119 | 2.191 | 2,288 | 2,411 | 2,634 | 2,912 | 3,115 | 3,272 | 2,036 | 1,961 | 1,932 | 1,866 |
| Nondurable goods ....... | 14 | 5,479 | 5,386 | 5,415 | 5,501 | 5,642 | 5,741 | 5,842 | 5,940 | 6,113 | 6,325 | 6,500 | 6,565 | 5,504 | 5.501 | 5,497 | 5,413 |
| Services.................... | 15 | 10,466 | 10,471 | 10,637 | 10,778 | 10,966 | 11,127 | 11,308 | 11,541 | 11,865 | 12,167 | 12,493 | 12,622 | 10,376 | 10.480 | 10,531 | 10,474 |
| Population (mid-period, thousands) | 16 | 249,983 | 253,253 | 256,634 | 260,011 | 263,194 | 266,327 | 269,448 | 272,687 | 275,891 | 279,062 | 282,128 | 284,822 | 248,936 | 249,509 | 250,290 | 251,197 |
|  | Line | Seasonally adjusted at annual rates |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 1991 |  |  |  | 1992 |  |  |  | 1993 |  |  |  | 1994 |  |  |  |
|  |  | 1 | 11 | III | N | 1 | II | III | IV | I | 1 | III | IV | 1 | 11 | III | IV |
| Current dollars: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gross domestic product.. | 1 | 23,358 | 23,586 | 23,717 | 23,886 | 24,218 | 24,504 | 24,685 | 25,077 | 25,200 | 25,416 | 25,557 | 26,008 | 26,288 | 26,701 | 26,922 | 27,296 |
| Gross national product.... | 2 | 23,488 | 23.671 | 23,788 | 23,989 | 24,316 | 24,600 | 24,769 | 25,165 | 25,318 | 25,508 | 25,671 | 26,060 | 26,366 | 26.764 | 26,979 | 27,352 |
| Personal income............ | 3 | 19,840 | 20,033 | 20,146 | 20,299 | 20,666 | 20,895 | 20,970 | 21.480 | 21,120 | 21,557 | 21,621 | 22,001 | 21,807 | 22,305 | 22.518 | 22,851 |
|  | 4 | 17,456 | 17,634 | 17,735 | 17,851 | 18,259 | 18,446 | 18,488 | 18,910 | 18.632 | 18,972 | 19,003 | 19,315 | 19.152 | 19.519 | 19,770 | 20,058 |
| Personal consumption |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| expenditures.............. | 5 | 15,494 | 15,660 | 15.763 | 15,806 | 16,148 | 16,286 | 16,438 | 16.738 | 16,811 | 17.034 | 17,235 | 17.447 | 17,609 | 17,802 | 18.032 | 18,233 |
| Durable goods ........... | 6 | 1,743 | 1,746 | 1,770 | 1,738 | 1.798 | 1,809 | 1.845 | 1.886 | 1.884 | 1,955 | 2,000 | 2.059 | 2.085 | 2.107 | 2.137 | 2.194 |
| Nondurable goods....... | 7 | 5,031 | 5,068 | 5,066 | 5,034 | 5,112 | 5,111 | 5,158 | 5,238 | 5,239 | 5,280 | 5,298 | 5,339 | 5,380 | 5.424 | 5,501 | 5,549 |
| Services .................. | 8 | 8,720 | 8,846 | 8,927 | 9,033 | 9,239 | 9,366 | 9,435 | 9,614 | 9,689 | 9,799 | 9,937 | 10,049 | 10,144 | 10,271 | 10,395 | 10,491 |
| Chained (1996) dollars: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gross domestic product.. |  | 26,314 | 26,381 | 26,354 | 26.401 | 26,567 | 26,730 | 26,840 | 27,096 | 27,005 | 27,090 | 27.119 | 27,436 | 27.591 | 27,898 | 27.962 | 28.217 |
| Gross national product.... | 10 | 26,457 | 26,474 | 26,432 | 26,514 | 26,675 | 26,836 | 26,932 | 27,191 | 27,129 | 27,185 | 27,235 | 27,488 | 27,669 | 27,959 | 28,018 | 28,273 |
| Disposable personal income $\qquad$ | 11 | 19,839 | 19,912 | 19,891 | 19,853 | 20,126 | 20,194 | 20,128 | 20,432 | 20,020 | 20,261 | 20,225 | 20,432 | 20,202 | 20,480 | 20,567 | 20,775 |
| Personal consumption expenditures. | 12 | 17,609 | 17,683 | 17,679 | 17,578 | 17,800 | 17,829 | 17,896 | 18,085 | 18,064 | 18,191 | 18,343 | 18,456 | 18,573 | 18,679 | 18,759 | 18,885 |
| Durable goods............... | 13 | 1,796 | 1,796 | 1,814 | 1,779 | 1,836 | 1,840 | 1,875 | 1,914 | 1,914 | 1,978 | 2,015 | 2,066 | 2,087 | 2,100 | 2,116 | 2,172 |
| Nondurable goods....... | 14 | 5,392 | 5,415 | 5.399 | 5,338 | 5,409 | 5,384 | 5.400 | 5.466 | 5,449 | 5,492 | 5,523 | 5,540 | 5.592 | 5,624 | 5,656 | 5,697 |
| Services................... | 15 | 10,435 | 10,488 | 10,480 | 10,482 | 10,570 | 10,623 | 10,636 | 10,717 | 10,714 | 10,730 | 10,814 | 10,855 | 10,898 | 10,959 | 10,990 | 11,016 |
| Population (mid-period, thousands) $\qquad$ | 16 | 252,008 | 252,782 | 253,655 | 254,566 | 255,332 | 256,141 | 257,065 | 257,996 | 258,793 | 259,551 | 260,412 | 261,286 | 262,018 | 262,753 | 263,581 | 264,423 |

See note at end of table.

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


Nore. Effective with this release, the estimates of population beginning with 1990 are revised to reflect the intercensal population estimates released in September 2002 by the 8 仿eau of the Census.

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

New Estimates for 2000<br>Revised Estimates for 1999

By Thae S. Park

THIS article presents a comparison of the Bureau of Economic Analysis (BEA) measure of personal income and the Internal Revenue Service (IRS) measure of adjusted gross income (AGI) of individuals by type of income. It explains the major definitional and statistical differences between the two measures, describes some uses of the measures, and presents a partial reconciliation of the measures that is prepared by converting the BEA 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 unexplained difference that remains between the estimates of the BEA AGI and the IRS AGI-the AGI gap for 1959-2000, and the sources of the revision to the AGI gap for 1999.'

The BEA measure of personal income and the IRS measure of AGI are both widely used measures of household income. Personal income, which is prepared as an integral part of the national income and product accounts (NIPA's), is often used in assessing trends in output, consumer spending, saving, and investment. AGI, which is an income concept used for Federal income tax, is often used as an input in the estimation of individual income tax revenue and the income tax burden of households.

Personal income is the income received by persons from all sources-that is, from participation in production, from both government and business transfer payments, and from government interest (which is treated like a transfer payment). "Persons" consists of

[^1]individuals, nonprofit institutions that primarily serve individuals, private noninsured welfare funds, and private trust funds. Personal income is calculated as the sum of wage and salary disbursements, other labor income, proprietors' income with inventory 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. ${ }^{2}$
AGI is the Federal income tax concept closest to net income. It approximates income less the costs of producing income. In general, gross income for Federal income tax purposes includes all income that is received in the form of money, property, and services that is not explicitly exempt from taxation. Explicitly exempt income includes the cost basis of pension, annuity, or individual retirement account distributions; tax-exempt interest; part of social security and railroad retirement benefits; part of qualified foreign earned income; and part of the gain from sale of principal residence. For 2000, the allowable adjustments to gross income to derive AGI included the deduction for onehalf of self-employment tax, contributions to self-employed retirement plans, contributions to individual retirement accounts, alimony paid, and other adjustments. ${ }^{3}$
In general, personal income is a more comprehen-

[^2]sive measure than AGI. It includes income that is generally taxed, such as wages and salaries, rental income, self-employment earnings, dividends, and interest; income that is partly taxed, such as social security benefit payments; and several types of income that are not taxed, such as tax-exempt interest and nontaxable transfer payments, including Medicare, Medicaid, and welfare benefit payments. Personal income includes income independent of whether it is reported to the IRS. Personal income also includes other types of income, such as employer contributions to private and government employee retirement plans, the investment income of these plans, and imputed income related to home ownership. However, personal income excludes net gains from the sale of assets (capital gains), retirement benefits, and personal contributions for social insurance.

Although the two series are based on different concepts and serve different purposes, they are often used jointly. In particular, estimates of personal income, which are available much sooner than AGI, are frequently used as extrapolators for AGI.

The revised estimates for 1999 reflect the incorporation of the results of the annual revision of the NIPA's that was released in July 2002 and of updated estimates of AGI for 1999 from the Statistics of Income Bulletin. ${ }^{4}$ The new estimates for 2000 incorporate the newly available IRS estimates of AGI for 2000.

This article is organized into four sections. The first section discusses the derivation of the BEA estimates of AGI and the AGI gap by type of income. The second section discusses the sources of the AGI gap. The third section discusses some specific trends in the AGI gap by type of income for 1959-2000. The fourth section discusses the sources of revision to the AGI gap for 1999.

## BEA Estimates of AGI

Personal income and AGI each include items that the other omits, but AGI is more narrowly defined: Tables 1 and 2 show the reconciliation between personal income and AGI by type of income for 1999-2000. In these tables, the reconciliation items that convert personal income to the IRS definition of AGI are shown in three groups.

The first group (lines 3-9) consists of the portion of personal income that is not included in AGI. Most transfer payments to persons from governments and all transfer payments to persons from business are

[^3]nontaxable (line 3). ${ }^{5}$ The taxable portion of transfer payments to persons from governments consists primarily of unemployment compensation benefit payments and a portion of social security and railroad retirement benefit payments.

Most of the components of the NIPA category "other labor income" (line 4), primarily so-called fringe benefits, are nontaxable. ${ }^{6}$ The nontaxable components are employer payments (including payments in kind) to private pension and profit-sharing plans, to publicly administered government employee retirement plans, to private group health and life insurance plans, to privately administered workers' compensation plans, and to supplemental unemployment benefit plans. Employer payments are nontaxable, but some benefit payments-such as pension benefit payments (line 13) and supplemental unemployment benefit payments (part of line 15) are taxable. Taxable components of other labor income also include other fees and payments.

In the NIPA's, the investment income of life insurance carriers and pension plans is included in personal income in the year it is accrued. Investment income of life insurance carriers attributed to persons is included in personal interest income. ${ }^{7}$ Investment income of pension plans-rents, dividends, and interest-is recorded as being received directly by persons in the corresponding components of personal income.

The second group of reconciliation items (lines 1115) consists of the portion of AGI that is excluded from personal income. Personal contributions for social insurance (line 11) includes payments by employees, by the self-employed, and by individuals who participate in the following government programs: Old-age, survivors, and disability insurance (social security), hospital insurance, supplementary medical insurance, unemployment insurance, railroad retirement, veterans life insurance, and temporary disability insurance. ${ }^{8}$
"Gains, net of losses, from sale of property"- capital gains (line 12) - includes net gain from the sale of property held for personal use or for investment (capital assets) and of property of a business nature (business assets).
5. NIPA table 3.12 shows government transfer payments to persons, which include benefit payments from social insurance funds-such as oldage, survivors, and disability insurance (social security), hospital insurance, supplementary medical insurance, and unemployment insurance-and from certain other programs. NIPA table 8.16 shows business transfer payments to persons, which consist primarily of automobile insurance and medical malpractice insurance payments to persons by business and of donations by corporate business to nonprofit institutions serving individuals.
6. NIPA table 6.11C shows other labor income by industry group and by type.
7. See NIPA table 8.20 (line 53).
8. See NIPA table 3.6.

Taxable pension benefit payments from pension plans (line 13), which is in AGI, is excluded from personal income because in the NIPA's, pension benefit payments are treated as transactions within the personal sector.
The third group of reconciliation items (lines 17-21 and 25-27) consists of reallocations among types of income. These reallocations do not affect the total AGI gap, but they affect the AGI gap by type of income. The types of income used for reconciliation purposes in tables 1 and 2 represent the types of income that are common to both personal income and AGI. However, certain types of personal income and of AGI, such as interest distributed by regulated investment compa-nies-mutual funds-(line 20) and partnership income (line 26), are classified differently in the two income measures. These income types are reallocated, when possible, to make the BEA and IRS estimates of

AGI comparable by type of income. The reallocations of personal income types are shown in lines 17-21, and the reallocation of AGI types are shown in lines 25-27.
Taxable interest received by mutual funds is reallocated from NIPA personal interest income to AGI personal dividend income because the IRS requires that this interest be reported as dividends. Only the portion that is taxable to individuals is reallocated; the interest paid by mutual funds to pension plans, IRA and Keogh plans, and holders of State and local government securities is tax-exempt. ${ }^{9}$ Because of the difficulties of allo-
9. Estimates of taxable interest received by individuals from mutual funds are primarily based on IRS tabulations of U.S. Income Tax Return for Regulated Investment Companies (form 1120 RIC). The form 1120 RIC distributions are adjusted for distributions currently not taxable to individuals using the mutual fund shares from the Federal Reserve Board. For more information on the reconciliation items in tables 1 and 2, see Thae S. Park, "Comparison of BEA Estimates of Personal Income and IRS Estimates of Adjusted Gross Income," Survey 80 (February 2000): 18.

Table 1. Comparison of Personal Income with AGI by Type of Income, 1999
[Billions of dollars]

| Line |  | Personal income |  |  |  |  |  |  |  |  |  |  | Income included in personal income |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Total | $\begin{gathered} \text { Wage and } \\ \text { salary } \\ \text { dissursee } \\ \text { ments } \end{gathered}$ | Proprietors' income with IVA and CCAdj |  |  | Personaldividend income | Personal interest income | Taxablepensions and annuities |  | Taxablesocialsecurity securitybenefits | Other personal income |  |
|  |  |  |  | Farm | Nonfarm |  |  |  |  |  |  |  |  |
| 1 | Personal income. | 7,786.5 | 4,470.4 | 27.7 | 650.7 | 149.1 | 328.0 | 969.2 | 3.0 | 20.7 | 82.0 | 1,085.6 | 0.0 |
| 2 | Less: Portion of personal income nol included in adjusted gross income $\qquad$ | 2.726 .5 | 108.4 | 5.2 | 1.7 | 110.8 | 246.2 | 777.4 | 0.0 | 0.0 | 0.0 | 1,420.1 | 56.7 |
| 3 | Nontaxable transter payments .... | 911.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 911.8 | 0.0 |
| 4 | Other labor income except fees. | 507.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 507.4 | 0.0 |
| 5 6 | Imputed income in personal income ${ }^{4}$.-.........vve........ | 343.5 | 11.4 | 0.5 | 7.7 | 90.2 | 0.0 | 233.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
|  |  | 431.2 | 0.0 | 0.0 | 0.0 | 1.3 | 51.3 | 378.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7 | Investment income received by nonprofit institutions or retained by fiduciaries. | 8,8 | 0.0 | 0.0 | 0.4 | 6.7 | 20.8 | 40.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 |
| 8 | Differences in accounting treatment between NIPA's and tax regulations, net. | 101.6 | 0.0 | 4.8 | -6.4 | 12.6 | 18.0 | 72.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9 | Other personal income exempt or excluded from adjusted gross income. | 362.3 | 97.0 | 0.0 | 0.0 | 0.0 | 156.1 | 52.5 | 0.0 | 0.0 | 0.0 | 0.0 | ${ }^{6} 56.7$ |
| 10 | Plus: Portion of adjusted gross income not included in personal income. | 1,502.5 | 22.3 | 0.0 | 4.1 | 3.1 | 0.0 | 0.0 | 383.3 | 0.0 | 0.0 | 336.4 | 753.3 |
|  | Personal contributions for social insurance....... | 337.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 337.4 | 0.0 |
| 12 | Gains, net of losses, from sale of property.................. | 541.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 541.0 |
| 13 | Taxable pensions ${ }^{7}$........................... | 383.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 383.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 15 | Small business corporation income.. | 1173.4 | 0.0 | 0.0 | 0.0 | ${ }_{0}^{0.0}$ | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 127.4 |
| 16 | Plus: Reallocation by type of NIPA income ........... |  | 10.9 |  | -0.8 |  | 48.3 | -48.3 | -8.1 |  |  | -1.9 |  |
|  | Fees in other labor income ............................... | 0.0 | 2.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -2.8 | 0.0 |
| 18 | Fiduciaries' share of partnership income ${ }^{3}$............................. | 0.0 | 0.0 | 0.0 | -0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 |
| 19 | Interest received by nontarm proprietors ......................... | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 21 | Interest distributed by regulated investment companies ............. | 0.0 | ${ }_{8.1}^{0.0}$ | ${ }_{0} 0.0$ | 0.0 0.0 | 0.0 | 48.3 | -48.3 0.0 | 0.0 -8.1 | 0.0 0.0 | 0.0 | 0.0 | 0.0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22 | Equals: BEA-derived adjusted gross income ........ | 6.562.4 | 4,395.2 | 22.5 | 652.2 | 41.4 | 130.1 | 143.5 | 378.1 | 20.7 | 82.0 | 0.0 | 696.6 |
| 23 | Adjusted gross income ol IRS (as reported)....... | 5,855.5 | 4,132.5 | -6.2 | 208.4 | 25.6 | 132.5 | 175.7 | 304.3 | 17.5 | 75.1 | 93.6 | 696.6 |
| 24 | Plus: Reallocation by type of IRS incoma .... |  |  | 0.5 | 86.5 | 6.6 | $\ldots$ | $\ldots$ | $\ldots$ | ............. | ............ | -93.6 | $\ldots$ |
|  | Eslate or trust income ..................... | 0.0 | 0.0 | 0.0 | 3.3 | 6.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -9.9 |  |
| 26 | Parinership income ............................................. | 0.0 | 0.0 | 0.5 | 83.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -83.7 | 0.0 |
|  | Other reallocations................................................. | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 28 | Adjusted gross income of IRS (reallocaled) ........................... | 5,855.5 | 4,132.5 | -5.8 | 294.9 | 32.2 | 132.5 | 175.7 | 304.3 | 17.5 | 75.1 | 0.0 | 696.6 |
| 29 | Adjusted gross income gap (line 22 - line 28)....... | 707.0 | 262.7 | 28.3 | 357.3 | 9.2 | -2.4 | -32.2 | 73.8 | 3.2 | 6.9 | 0.0 | 0.0 |
| $\begin{aligned} & 30 \\ & 31 \end{aligned}$ | Percent distribution of AGI gap $\qquad$ <br> Relative AGI gap ${ }^{9}$ | $\begin{gathered} 100.0 \\ 10.8 \end{gathered}$ | $\begin{array}{r} 37.2 \\ 6.0 \end{array}$ | $\begin{array}{r} 4.0 \\ 125.7 \end{array}$ | $\begin{aligned} & 50.5 \\ & 54.8 \end{aligned}$ | $\begin{array}{r} 1.3 \\ 22.2 \end{array}$ | $\begin{gathered} -0.3 \\ -1.8 \end{gathered}$ | $\begin{aligned} & -4.6 \\ & -22.4 \end{aligned}$ | $\begin{aligned} & 10.4 \\ & 19.5 \end{aligned}$ | $\begin{array}{r} 0.5 \\ 15.5 \end{array}$ | $\begin{aligned} & 1.0 \\ & 8.4 \end{aligned}$ | …........... |  |
| 32 | Addendum: Misreporling adjustments included in personal income. | 370.1 | 103.8 | ........... | 278.5 | 1.3 | ............ | -13.5 | . | ... |  | ............ | ............ |

[^4]cating total interest paid by regulated investment companies to these categories, this estimate of the amount reallocated from interest to dividends is an approximation; the separate estimates of BEA-derived AGI for interest and for dividends are therefore less reliable than the combined estimates.

Partnership income as reported in AGI requires a reallocation by type of income. The current-production income (including income in kind) of sole proprietorships and partnerships and of tax-exempt cooperatives is classified either as farm proprietors' income or as nonfarm proprietors' income for reconciliation purposes.

## The AGI Gap

The estimates of the BEA-derived AGI differ significantly from the IRS estimates of AGI. The "AGI gap" is defined as the difference between the total BEA-derived AGI (line 22) and total IRS AGI (line 23), and the AGI gap for each type of income (line 29) is the difference between the BEA-derived AGI for that type of income (line 22) and the reallocated IRS AGI for that type of income (line 28). The percent distribution of the AGI gap by type of income is shown in line 30, and the relative AGI gap for each type of income, which is the AGI gap for that type of income (line 29) as a per-

Table 2. Comparison of Personal Income with AGI by Type of Income, 2000
[Billions of dollars]

| Line |  | Personal income |  |  |  |  |  |  |  |  |  |  | Income not included in personal income |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Total | Wage and salary isbursements | Proprietors' income with IVA and CCAdj |  | Rental income of persons with CCAdj | Personal dividend income | Personal interest income | Taxable pensions and annuities | Taxable unemployment compensation | Taxable social securitybenefits | Other personal income ${ }^{2}$ |  |
|  |  |  |  | Farm | Nonfarm |  |  |  |  |  |  |  |  |
| 1 | Personal income. | 8,406.6 | 4,836.3 | 22.6 | 692.2 | 146.6 | 375.7 | 1,077.0 | 3.0 | 21.1 | 98.9 | 1,133.1 | 0.0 |
| 2 | Less: Pontion ol personal income not included in adjusted gross income $\qquad$ | 2,895.0 | 119.7 | 7.2 | -4.0 | 112.9 | 271.3 | 842.9 | 0.0 | 0.0 | 0.0 | 1,488.4 | 56.6 |
| 3 4 | Nontaxable transfer payments ............................................ Other laber income except tees . | 946.2 541.3 | 0.0 0.0 | 0.0 0.0 | 0.0 0.0 | 0.0 0.0 | 0.0 0.0 | 0.0 0.0 | 0.0 0.0 | 0.0 0.0 | 0.0 0.0 | 946.2 541.3 | 0.0 0.0 |
| 5 | Imputed income in personal income ${ }^{4}$............................................................... | 370.6 | 11.8 | 0.5 | 8.1 | 92.1 | 0.0 | 258.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6 | Investment income retained by life insurance carriers and pension plans ${ }^{5}$ $\qquad$ | 469.6 | 0.0 | 0.0 | 0.0 | 1.3 | 59.4 | 408.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7 | Investment income received by nonprofit institutions or retained by fiduciaries. | 66.0 | 0.0 | 0.0 | 0.4 | 6.2 | 19.2 | 39.2 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 |
| 8 | Differences in accounting treatment between NIPA's and tax regulations, net. | 107.2 | 0.0 | 6.7 | -12.6 | 13.2 | 17.3 | 82.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9 | Other personal income exempt or excluded from adjusted gross income. |  | 107.9 | 0.0 | 0.0 | 0.0 | 175.4 | 54.2 | 0.0 | 0.0 | 0.0 | 0.0 | ${ }^{6} 56.6$ |
| 10 | Plus: Portion of adjusted gross income not included in personal income. $\qquad$ | 1,610.8 | 23.8 | 0.0 | 4.4 | 3.3 | 0.0 | 0.0 | 412.8 | 0.0 | 0.0 | 357.2 | 809.4 |
| 11 | Personal contributions for social insurance........................... | 358.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 358.4 | 0.0 |
| 12 | Gains, net of losses, from sale of property ............................. | 573.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 573.6 |
| 13 | Taxable pensions ${ }^{\text {²,...................................................... }}$ | 412.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 412.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 14 | Small business corporation income.................................... | 119.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 119.8 |
| 15 | Other types of income.................................................... | 146.3 | 23.8 | 0.0 | 4.4 | 3.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -1.1 | 115.9 |
| 16 | Plus: Reallocation by type of NIPA income ............................. | ...... | 11.1 | ............. | -0.8 | ............. | 61.7 | -61.7 | -8.3 | ............. | ............. | -2.0 | ....... |
| 17 | Fees in other labor income.............................................. | 0.0 | 2.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -2.8 | 0.0 |
| 18 | Fiduciaries' share of partnership income ${ }^{\text {B }}$............................ | 0.0 | 0.0 | 0.0 | -0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 |
| 19 | Interest received by nonfarm proprietors............................. | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20 | Interest distributed by regulated investment companies............ | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 61.7 | -61.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 21 | Taxable disability income payments.................................... | 0.0 | 8.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -8.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 22 | Equals: BEA-derived adjusted gross income ............................ | 7,122.4 | 4,751.6 | 15.3 | 699.8 | 37.0 | 166.1 | 172.4 | 407.5 | 21.1 | 98.9 | 0.0 | 752.8 |
| 23 | Adjusted gross income of IRS (as reported).............................. | 6,330.6 | 4,494.5 | -8.2 | 207.2 | 28.1 | 142.2 | 185.3 | 331.5 | 17.0 | 91.6 | 88.5 | 752.8 |
| 24 | Plus: Reallocation by type of IRS income ................................ | .......... | .......... | ............. | 82.1 | 6.4 | .............. | 0.0 | ............. | ............. | ... | -88.5 | ........... |
| 25 | Estate or trust income.................................................... | 0.0 | 0.0 | 0.0 | 3.4 | 6.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -9.9 | 0.0 |
| 26 | Partnership income....................................................... | 0.0 | 0.0 | 0.0 | 78.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -78.7 | 0.0 |
| 27 | Other reallocations........................................................ | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 28 | Adjusted gross income of IRS (reallocated)............................ | 6,330.6 | 4,494.5 | -8.2 | 289.4 | 34.5 | 142.2 | 185.3 | 331.5 | 17.0 | 91.6 | 0.0 | 752.8 |
| 29 | Adjusted gross income gap (line 22 - line 28) ......................... | 791.9 | 257.1 | 23.5 | 410.5 | 2.5 | 23.9 | -12.9 | 76.0 | 4.1 | 7.3 | 0.0 | 0.0 |
| 30 | Percent distribution of AGI gap .............................................. | 100.0 | 32.5 | 3.0 | 51.8 | 0.3 | 3.0 | -1.6 | 9.6 | 0.5 | 0.9 | ..... | ..... |
| 31 | Relative AGI gap ${ }^{9}$......................................................... | 11.1 | 5.4 | 153.2 | 58.7 | 6.7 | 14.4 | -7.5 | 18.7 | 19.5 | 7.4 | ............. | ............. |
| 32 | Addendum: Misreporting adjustments included in persenal income $\qquad$ | 401.4 | 112.9 | ...... | 303.5 | 1.4 | $\ldots$ | -16.3 |  |  |  | .............. | ............ |

1. Taxable social security benefits also include the social security equivalent benefit portion of tier 1 railroad elirement benefiis.
2. Consists primarily of other labor income and the nontaxable transfer payments to persons, less persona 3 Consists of tier 2 railroad
3. Consists of tier 2 railroad retirement benefits that are taxed in the same manner as benefits paid under ate employer reirement plans.
4. Consists or the employer contributions for health and life insurance premiums (line 146). In this table, these premiums are included in line 4 .
5. Consists of imputed interest received by persons from life insurance carriers shown in NIPA table 8.20 (line 53) and investment income of private and government emproyee pension plans.
arrive at AG
6. Consists of the taxable portion of private and government employee retirement plan benefit payments.
7. Consists of partnership income retained by fiduciaries.
8. Adjusted gross income gap (line 29) as a percentage of the BEA-derived AGI (line 22).

AGI Adjusted gross income
BEA Bureau of Economic Analysis
CCAdj Capital consumption adjustment
IVA Inventory valuation adjustment
IRS Internat Revenue Service
NiPA's National income and product accounts
centage of the BEA-derived AGI for that type of income (line 22), is shown in line 31.

The AGI gap results from several sources. First, the source data used to estimate personal income and its components contain errors, and data are unavailable to estimate some items, such as income earned by individuals who are not required to file income tax returns. ${ }^{10}$ Some of the differences between the definitions of personal income and AGI are unknown.

Second, the IRS estimates of total AGI and its components are affected by sampling and measurement errors. The IRS estimates are based on a stratified probability sample of unaudited individual income tax returns that are not adjusted for misreporting (however, the sample returns are edited for consistent statistical definitions and for incorrect or missing entries in order to make them consistent with other entries on the returns and with accompanying schedules).

Third, the estimates of BEA-derived AGI include both explicit and implicit adjustments for tax-return misreporting. ${ }^{11}$ Explicit adjustments are made for the effects of tax-return misreporting on the source data used to prepare the estimates of wage and salary disbursements, nonfarm proprietors' income, royalty income, and personal interest income (line 32). ${ }^{12}$ Implicit adjustments are also embedded in the source data used for some components of personal income because the source data are from Government administrative records other than the individual income-tax return information system. For example, the estimates of wage and salary disbursements are based on tabulations of wages and salaries of employees covered by State unemployment insurance from the Bureau of Labor Statistics, on wages from the Office of Personnel Management, and on wages from a variety of other sources; these estimates are then adjusted for coverage differences. Personal dividend income is based primarily on tabulations of corporate income tax returns, adjusted for understatement of income on tax returns and for conceptual differences. Transfer payments are

[^5]based on budget data from the Federal Government and from State and local governments rather than on individual tax return data. ${ }^{13}$

Fourth, each July, the personal income estimates for the most recent 3 years are revised to incorporate source data that are more complete, more detailed, and otherwise more appropriate than those that were previously incorporated, and every 4-5 years, the estimates for all years are subject to a comprehensive revision that incorporates substantial definitional and statistical changes. ${ }^{14}$ The IRS estimates of AGI are based on a sample from all individual income tax returns, except tentative and amended returns, processed during a calendar year. ${ }^{15}$ The AGI estimates are intended to represent all the returns filed for a tax liability year from January 1 to December 31, but about 2 to 3 percent of the returns processed in a calendar year are for tax liability years ending other than on December 31 or for previous years. Unlike personal income, AGI estimates are not updated to incorporate newly available data.
12. The major source data for these adjustments were the 1988 Taxpayer Compliance Measurement Program (TCMP) and Census Bureau "exact match" files for 1996. The TCMP provided a measure of noncompliance for individuals who file tax returns. Through the TCMP, the IRS developed noncompliance ratios. Explicit adjustments for misreporting on tax returns for nonfarm proprietors' income were determined by multiplying noncompliance ratios times IRS tabulations of levels of business net income as reported on tax returns. The IRS compiled these net income tabulations annually, but noncompliance ratios have been held constant since 1988, the last year for which there was a TCMP. Exact match studies provided data on persons who did not file income tax returns. Nonfiler adjustments were based on matching information supplied on the annual income supplement of the Current Population Survey (CPS) with individual income tax returns. Respondents who reported income on the CPS but who could not be matched to a tax return were considered nonfilers. The latest nonfiler adjustments were based on Census Bureau tabulations of unreported income from the 1996 Exact Match Study.
For additional information about the calculation of these adjustments, see Robert P. Parker, "Improved Adjustments 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," Surver 71 (December 1991): 39-40; "Improved Estimates of the National Income and Product Accounts for 1959-95: Results of the Comprehensive Revision," Survey 76 (January/February 1996): 24-25; and Brent R. Moulton, Eugene P. Seskin, and David F. Sullivan, "Annual Revision of the National Income and Product Accounts," Surver 81(August 2001): 27.
13. Information from IRS audit studies shows misreporting of these payments on individual income tax returns.
14. For major improvements that were introduced in the most recent comprehensive revision, see Brent R. Moulton, Robert P. Parker, and Eugene P. Seskin, "A Preview of the 1999 Comprehensive Revision of the National Income and Product Accounts," Surver 79 (August 1999): 7-20.
15. According to the IRS, tentative returns, which are mostly estimated returns filed by those who couldn't file their returns by the due date, are excluded from the population because the revised returns may have been sampled later, and amended returns are excluded because the original returns have already been subjected to sampling. A small percentage of returns are not identified as tentative or amended until after sampling; these returns, along with those that contained no income information, are excluded in calculating estimates. For more details, see Statistics of Income-Individual Income Tax Returns 1998: 19.

## The AGI Gap by Type of Income for 1959-2000

Table 3 shows the estimates of the AGI gap for total income and for each type of income for 1959-2000, and table 4 shows the relative AGI gap for total income and for each type of income for 1959-2000. Over this period, the relative AGI gap for total income averaged about 11 percent, ranging from a low of about 9 percent in the late 1960s to a high of $131 / 2$ percent in 1984.

By type of income, the relative AGI gap for wage and salary disbursements is the smallest, primarily because income tax withholding at the source is required for most wage and salary disbursements. Over the period, the relative AGI gap for wage and salary disbursements averaged about 3 percent; since the mid-1980s, the trend has been generally upward.

The trends in the relative AGI gaps for nonwage incomes differ (see the addenda in table 4). For nonwage incomes subject to the requirements for filing information returns by employers, the combined relative

AGI gap declined from about 39 percent in 1959 to about 11 percent in $2000 .{ }^{16}$ For incomes not subject to the filing requirements (the second addenda item in table 4), the combined relative AGI gap increased from
16. Employers and other payers of income, including partnerships and nonprofit organizations, are required to file information returns with the IRS for certain payments made during the year in the course of the employers' trade or business. Personal dividend income and personal interest income are the primary examples of nonwage incomes subject to the requirements for filing information returns. In recent years, estimating the AGI gap for these types of income has been difficult because the taxable portion of interest received by individuals from mutual funds is reallocated from personal interest income to personal dividend income (line 19 in tables 1 and 2), because the allocation of income received from private noninsured pension plans (part of line 6) between interest and dividends is based on incomplete data, and because some individuals may have inadvertently reported income from mutual funds as interest rather than as dividends on their tax returns. Thus, tables 3 and 4 show the AGI gap for personal dividend and personal interest income combined and the AGI gaps for each of these types of income. Beginning with 1984, taxes have been withheld on taxable pension benefit payments 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.

Table 3. The BEA and IRS Measures of AGI and the AGI Gap by Type of Income, 1959-2000
[Billions of dollars]

| Year | BEAderived AGI | IRS AGI | AGI gap | Wage and salary dis-bursements | Proprietors' income with IVA and CCAdj |  | Rental income of persons with CCAdj | Personal dividend and personal interest income |  |  | Taxable pension and annuities | Taxable unemployment compensation | Taxable social security benefits |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Farm | Nonfarm |  | Total | Personal dividend income | Personal interest income |  |  |  |
| 1959. | 339.1 | 305.1 | 34.0 | 7.7 | 7.1 | 9.7 | -0.1 | 7.9 | 0.8 | 7.1 | 1.7 | 0.0 | 0.0 |
| 1960.......... | 351.4 | 315.5 | 36.0 | 8.8 | 6.4 | 10.1 | 0.0 | 8.7 | 1.2 | 7.6 | 1.9 | 0.0 | 0.0 |
| 1961............................... | 365.8 | 329.9 | 36.0 | 7.5 | 5.6 | 11.5 | 0.4 | 8.9 | 1.2 | 7.7 | 2.1 | 0.0 | 0.0 |
| 1962.............................. | 387.8 | 348.7 | 39.1 | 9.1 | 6.2 | 11.8 | 0.4 | 9.4 | 1.2 | 8.2 | 2.2 | 0.0 | 0.0 |
| 1963..................................... | 409.2 | 368.8 | 40.4 | 8.3 | 7.0 | 12.6 | 0.7 | 9.4 | 1.3 | 8.1 | 2.4 | 0.0 | 0.0 |
| 1964..................................... | 442.2 | 396.7 | 45.6 | 10.2 | 6.3 | 14.1 | 0.8 | 11.4 | 2.0 | 9.5 | 2.8 | 0.0 | 0.0 |
| 1965................................................................ | 479.8 | 429.2 | 50.6 | 11.7 | 7.1 | 14.2 | 1.2 | 13.3 | 2.3 | 11.0 | 3.2 | 0.0 | 0.0 |
| 1966...................................... | 521.7 | 468.5 | 53.3 | 13.5 | 7.3 | 15.9 | 1.0 | 12.0 | 0.5 | 11.5 | 3.5 | 0.0 | 0.0 |
| 1967..................................... | 555.4 | 504.8 | 50.6 | 11.0 | 5.7 | 16.6 | 0.9 | 12.4 | 0.5 | 11.9 | 4.0 | 0.0 | 0.0 |
| 1968...................................... | 609.3 | 554.4 | 54.9 | 13.6 | 5.5 | 17.0 | 0.7 | 13.7 | 0.9 | 12.9 | 4.3 | 0.0 | 0.0 |
| 1969...................................... | 663.3 | 603.5 | 59.7 | 12.4 | 7.7 | 18.7 | 0.7 | 15.2 | 0.7 | 14.5 | 5.0 | 0.0 | 0.0 |
| 1970..................................... | 699.3 | 631.7 | 67.6 | 13.1 | 9.3 | 20.5 | 0.9 | 17.7 | 1.0 | 16.7 | 6.1 | 0.0 | 0.0 |
| 1971..................................... | 744.8 | 673.6 | 71.2 | 13.3 | 8.3 | 23.7 | 0.8 | 18.3 | 1.4 | 16.9 | 7.1 | 0.0 | 0.0 |
| 1972...................................... | 825.5 | 746.0 | 79.5 | 10.8 | 10.9 | 28.8 | 1.6 | 19.2 | 2.0 | 17.2 | 8.2 | 0.0 | 0.0 |
| 1973.... | 926.1 | 827.1 | 99.0 | 16.4 | 16.7 | 32.2 | 1.5 | 23.5 | 3.4 | 20.1 | 8.6 | 0.0 | 0.0 |
| 1974.......................................... | 1,005.4 | 905.5 | 99.8 | 8.8 | 17.8 | 38.1 | 0.4 | 25.2 | 2.7 | 22.5 | 9.5 | 0.0 | 0.0 |
| 1975..................................... | 1.048 .0 | 947.8 | 100.2 | 13.6 | 12.6 | 42.2 | 0.1 | 21.1 | 1.0 | 20.0 | 10.7 | 0.0 | 0.0 |
| 1976..................................... | 1,169.1 | 1,053.9 | 115.2 | 13.2 | 11.7 | 53.6 | -0.4 | 25.3 | 3.8 | 21.5 | 11.8 | 0.0 | 0.0 |
| 1977..................................... | 1,297.6 | 1,158.5 | 139.1 | 19.3 | 9.9 | 61.3 | 1.8 | 34.5 | 6.2 | 28.3 | 12.3 | 0.0 | 0.0 |
| 1978..................................... | 1,469.6 | 1,302.4 | 167.1 | 24.7 | 13.0 | 73.5 | 2.2 | 38.9 | 7.3 | 31.6 | 14.9 | 0.0 | 0.0 |
| 1979..................................... | 1,658.5 | 1,465.4 | 193.1 | 19.7 | 15.3 | 84.6 | 3.9 | 50.6 | 9.2 | 41.4 | 18.5 | 0.4 | 0.0 |
| 1980......... | 1,831.6 | 1,613.7 | 217.9 | 21.3 | 19.6 | 89.2 | 7.1 | 56.5 | 12.5 | 44.1 | 23.4 | 0.8 | 0.0 |
| 1981....................................... | 2,016.3 | 1,772.6 | 243.7 | 21.0 | 21.3 | 90.5 | 12.5 | 68.7 | 22.4 | 46.3 | 28.8 | 0.9 | 0.0 |
| 1982...................................... | $2,094.7$ | 1,852.1 | 242.6 | 16.5 | 17.5 | 95.5 | 15.5 | 62.1 | 18.4 | 43.7 | 33.5 | 2.0 | 0.0 |
| 1983...................................... | $2,225.7$ | 1,942.6 | 283.1 | 23.5 | 29.5 | 109.9 | 15.6 | 62.7 | 23.4 | 39.3 | 39.3 | 2.6 | 0.0 |
| 1984..................................... | 2,473.3 | 2,139.9 | 333.4 | 27.5 | 28.8 | 141.4 | 19.9 | 62.7 | 28.9 | 33.7 | 47.2 | 1.3 | 4.6 |
| 1985..................................... | 2,629.9 | 2,306.0 | 323.9 | 41.8 | 25:0 | 147.2 | 22.4 | 34.8 | 22.1 | 12.7 | 48.2 | 1.4 | 3.2 |
| 1986..................................... | 2,848.3 | $2,481.7$ | 366.6 | 55.1 | 29.5 | 147.2 | 19.5 | 45.3 | 19.7 | 25.6 | 65.7 | 1.2 | 3.1 |
| 1987...................................... | $3,125.4$ | $2,773.8$ | 351.6 | 76.3 | 32.6 | 121.6 | 15.1 | 45.7 | 27.5 | 18.1 | 55.0 | 2.6 | 2.8 |
| 1988...................................... | 3.415 .8 | 3,083.0 | 332.8 | 80.0 | 36.6 | 122.9 | 8.3 | 37.9 | 23.1 | 14.8 | 42.4 | 1.9 | 2.8 |
| 1989..................................... | 3,658.6 | 3,256.4 | 402.3 | 108.2 | 31.0 | 127.4 | 3.9 | 71.6 | 40.9 | 30.7 | 54.8 | 2.4 | 3.0 |
| 1990...................................... | 3,813.2 | 3.405 .4 |  |  |  | 134.4 | 4.4 | 67.4 | 42.0 |  | 54.3 | 2.8 | 3.0 |
| 1991.................................... | 3,864.4 | $3,464.5$ | 399.9 | 100.4 | 30.9 | 139.3 | 7.4 | 65.3 | 43.8 | 21.5 | 49.8 | 3.6 | 3.2 |
| 1992.................................... | $4,108.3$ | 3.629 .1 | 479.2 | 127.3 | 32.4 | 165.1 | 12.0 | 72.9 | 32.7 | 40.2 | 56.6 | 8.3 | 4.5 |
| 1993..................................... | $4,260.0$ | 3,723.3 | 536.7 | 145.4 | 39.0 | 200.5 | 10.1 | 71.5 | 31.6 | 39.9 | 56.7 | 7.3 | 6.1 |
| 1994..................................... | 4,485.7 | 3,907.5 | 578.2 | 154.3 | 28.5 | 223.5 | 12.7 | 84.0 | 50.5 | 33.5 | 63.4 | 3.9 | 8.0 |
| 1995..................................... | $4,766.4$ | 4,189.4 | 577.0 | 162.8 | 37.3 | 246.4 | 15.5 | 35.9 | 35.2 | 0.7 | 67.7 | 2.6 | 8.8 |
| 1996..................................... | 5,151.6 | 4.536 .0 | 615.6 | 188.0 | 32.1 | 278.1 | 13.4 | 24.5 | 45.4 | -20.9 | 69.2 | 3.2 | 7.2 |
| 1997..................................... | $5,594.3$ | 4,970.0 | 624.3 | 208.6 | 30.6 | 292.9 | 12.0 | 0.2 | 48.4 | -48.3 | 70.4 | 3.2 | 6.5 |
| 1998..................................... | $6,123.7$ | 5,416.0 | 707.7 | 242.2 | 26.8 | 314.3 | 11.5 | 36.6 | 46.5 | -9.9 | 70.9 | 3.1 | 2.3 |
| 1999..................................... | 6,562.4 | 5,855.5 | 707.0 | 262.7 | 28.3 | 357.3 | 9.2 | -34.5 | -2.4 | -32.2 | 73.8 | 3.2 | 6.9 |
|  | 7,122.4 | 6,330.6 | 791.9 | 257.1 | 23.5 | 410.5 | 2.5 | 10.9 | 23.9 | -12.9 | 76.0 | 4.1 | 7.3 |

[^6]about 32 percent in 1959 to a high of 80 percent in 1984 and then fell sharply in the late 1980s to about 50 percent. It was 58 percent in 2000.

## Sources of the Revision to the AGI Gap for 1999

Table 5 shows the revisions to personal income, reconciliation items, BEA-derived AGI, AGI of IRS, and the AGI gap for 1999. The AGI gap was revised up $\$ 32.2$ billion for 1999 (line 29), raising the relative AGI gap by 0.2 percentage point (line 31 ).

The $\$ 32.2$ billion upward revision to the AGI gap reflected an upward revision of $\$ 36.1$ billion to the BEAderived AGI (line 22) that was partly offset by an upward revision of $\$ 3.9$ billion to total AGI (line 23).

The $\$ 36.1$ billion upward revision to the BEA-derived AGI was attributable to the following: An upward
revision of $\$ 2.9$ billion to personal income that was carried through to the BEA-derived AGI, an upward revision of $\$ 6.3$ billion to reconciliation items unrelated to personal income, and an upward revision of $\$ 26.9$ billion to AGI components.

Of the $\$ 9.2$ billion upward revision to personal income (line 1), $\$ 6.3$ billion did not carry through to the BEA-derived AGI. These revisions, such as the revisions to other labor income (line 4) and to imputed income (line 5), resulted in offsetting revisions to the reconciliation items that are related to personal income.

The revisions to the reconciliation items unrelated to personal income or to AGI were all carried through to the BEA-derived AGI. Nontaxable transfer payments (line 3) and investment income of life insurance carriers and pension plans (line 6) are examples of

Table 4. The Relative AGI Gap by Type of Income, 1959-2000
[Percent]

| Year | Total | $\left\lvert\, \begin{gathered} \text { Wage and } \\ \text { sialary } \\ \text { disburse- } \\ \text { ments } \end{gathered}\right.$ | Proprietors' income with IVA and CCAdj |  | Rentalincome ofpersonswith CCAdj | Personal dividend and personal interest income |  |  | $\left\|\begin{array}{c} \text { Taxable } \\ \text { pension } \\ \text { and annul- } \\ \text { ities } \end{array}\right\|$ | Taxable ment compensation | Taxable social securitybenefits | Addenda |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Farm | Nonfarm |  | Total | Personal dividend income | Personal interest income |  |  |  | The sum of income items except wages, subject to the requirements for tiling information returns ${ }^{\text {: }}$ | The sum of income items not subject to the requirements for filing information returns ${ }^{2}$ |
| 1959...................................... | 10.0 | 3.0 | 68.9 | 25.6 | -2.2 | 36.5 | 7.6 | 61.8 | 53.3 | 0.0 | 0.0 | 38.6 | 32.4 |
| 1960....................................... | 10.2 | 3.3 | 66.1 | 27.1 | 1.0 | 37.4 | 10.8 | 60.0 | 54.1 | 0.0 | 0.0 | 39.6 | 32.7 |
| 1961..................................... | 9.8 | 2.7 | 59.0 | 29.1 | 10.1 | 36.3 | 10.7 | 57.5 | 53.5 | 0.0 | 0.0 | 38.7 | 33.0 |
|  | 10.1 | 3.1 | 61.5 | 28.4 | 9.3 | 34.5 | 10.3 | 53.3 | 48.5 | 0.0 | 0.0 | 36.5 | 33.1 |
| 1963. | 9.9 | 2.7 | 68.0 | 29.5 | 17.0 | 31.2 | 9.9 | 46.8 | 47.4 | 0.0 | 0.0 | 33.6 | 35.4 |
| 1964..................................... | 10.3 | 3.0 | 66.6 | 30.1 | 19.0 | 34.1 | 14.1 | 48.3 | 47.2 | 0.0 | 0.0 | 36.1 | 35.1 |
|  | 10.5 | 3.3 | 63.8 | 28.8 | 25.8 | 35.5 | 15.1 | 49.4 | 47.0 | 0.0 | 0.0 | 37.2 | 34.5 |
| 1966..................................... | 10.2 | 3.4 | 60.6 | 30.2 | 21.6 | 30.7 | 3.4 | 46.6 | 44.0 | 0.0 | 0.0 | 32.9 | 34.9 |
| 1967.................................... | 9.1 | 2.6 | 59.3 | 29.8 | 19.8 | 29.9 | 3.2 | 44.5 | 44.2 | 0.0 | 0.0 | 32.4 | 33.2 |
| 1968.......................................................................... | 9.0 9.0 | 2.9 2.4 | 59.2 64.6 | 28.6 30.5 | 15.9 15.0 | 30.0 30.1 | 5.5 4.5 | 43.4 | 41.8 42.1 | 0.0 0.0 | 0.0 0.0 | 32.2 <br> 32.4 | 31.6 34.9 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1970..................................... | 9.7 | 2.4 | 73.0 | 32.9 | 19.0 | 31.9 | 6.2 | 43.1 | 43.5 | 0.0 | 0.0 | 34.2 | 38.5 |
| 1971..................................... | 9.6 | 2.3 | 75.5 | 35.3 | 15.9 | 31.2 | 8.4 | 40.5 | 43.2 | 0.0 | 0.0 | ${ }^{33.8}$ | 39.5 |
| 1972.................................... | 9.6 | 1.7 | 69.1 | 38.6 | 25.2 | 30.2 | ${ }^{10.6}$ | 38.5 | 42.8 | 0.0 | 0.0 | ${ }^{33.2}$ | 42.7 |
|  | 10.7 | 2.1 | 65.7 | 39.7 | 20.2 | ${ }^{31.6}$ | 15.3 | 38.5 | 39.5 | 0.0 | 0.0 | 33.4 | 44.3 |
| 19744.................................... | 9.9 | 1.1 | 73.8 | 43.2 | 6.4 | 29.5 | 11.5 | 36.3 | 36.2 | 0.0 | 0.0 | 31.0 | 47.3 |
| 1975..................................... | 9.6 | 1.7 | 72.7 | 45.5 | 1.8 | 24.4 | 4.6 | 31.5 | 33.9 | 0.0 | 0.0 | 26.9 | 47.1 |
| 1976..................................... | 9.9 | 1.5 | 72.2 <br> 89 <br> 8 | 48.6 | -6.8 | 25.8 | ${ }_{187}^{13.6}$ | ${ }_{341}^{30.7}$ | 32.4 | 0.0 | 0.0 | ${ }_{297}^{27.5}$ | 48.7 |
| 1977................................... | 10.7 11.4 1.6 | 2.0 2.2 | 89.7 <br> 73.2 <br> 8. | 49.1 51.6 | 21.8 22.9 | 29.7 29.9 | 18.7 <br> 19.5 | 34.1 <br> 34.0 | 29.6 31.3 | 0.0 0.0 | 0.0 0.0 | 29.7 <br> 303 | ${ }_{50.6}^{50.6}$ |
| 1979............................................... | 11.6 | 1.6 | 83.9 | 54.7 | 37.0 | 32.0 | 21.6 | 35.9 | 33.1 | 30.7 | 0.0 | 32.3 | 56.5 |
| 1980..................................... | 11.9 | 1.6 | 106.8 | 57.4 | 52.5 | 28.7 | 24.3 | 30.2 | 35.1 | 27.0 | 0.0 | 30.2 | 61.9 |
| 1981..................................... | 12.1 | 1.4 | 156.2 | 62.5 | 69.6 | 27.8 | 32.7 | 26.0 | 35.7 | 27.3 | 0.0 | 29.8 | 70.4 |
| 1982...................................... | 11.6 | 1.0 | 228.1 | 64.8 | 81.1 | 22.9 | 26.1 | 21.8 | 35.8 | 21.8 | 0.0 | ${ }_{2} 26.1$ | 73.8 |
| 1983..................................... | 12.7 | 1.4 | 146.4 | 64.5 | 97.1 | 23.7 | 32.5 | 20.4 | 36.0 | 27.1 | 0.0 | 27.3 | 75.0 |
| 1984...................................... | 13.5 | 1.5 | 198.6 | 68.0 | 123.7 | 21.8 | 37.3 | 16.1 | 37.0 | 17.8 | 36.7 | 26.6 | 79.7 |
| 1985.................................... | 12.3 | ${ }_{2}^{2.1}$ | 202.5 | 66.2 | 134.2 | 12.8 | 28.6 | ${ }^{6.5}$ | 33.6 | 17.6 | 25.0 | ${ }_{24.1}^{20.1}$ | 77.4 |
| 1986..................................... | 12.9 | 2.6 | 135.4 | 54.7 | 190.6 | 16.5 | 24.2 | 13.2 | 37.9 | 15.0 | ${ }_{22.6}^{22.6}$ | 24.5 | 75.6 |
| 1987\%.................................... | 11.2 | 3.4 | 102.0 | 51.9 | 139.4 | 16.2 | 29.2 | 9.7 | 30.6 | 17.2 | 18.1 | ${ }^{21.6}$ | ${ }_{5.7}^{61.1}$ |
| $1989 .$ | $\begin{array}{r}9.7 \\ 11.0 \\ \hline\end{array}$ | 3.3 4.2 | 101.0 96.2 | 44.3 | 83.4 51.2 | 12.6 19.2 | 33.4 | 72.4 12.2 | 23.4 27.1 | 13.9 16.8 | 16.4 14.6 | 16.5 21.6 | 52.7 49.6 |
| 1990...................................... | 10.7 | 4.2 | 96.2 | 43.9 | 39.7 | 18.0 | 34.4 | 10.1 | 25.4 | 15.5 | 13.2 | 20.3 | 48.2 |
| 1991..................................... | 10.3 | 3.6 | 105.0 | 44.6 | 47.9 | 18.5 | 36.2 | 9.3 | 22.0 | 13.5 | 13.1 | 19.4 | 49.7 |
| 1992.................................... | 11.7 | 4.3 | 103.7 | 46.1 | 48.5 | 23.3 | 29.5 | 19.9 | 23.3 | 21.0 | 16.2 | 22.8 | 50.6 |
| 1993....................................... | 12.6 | 4.8 | 107.7 | 50.4 | 37.4 | 25.3 | 28.4 | 23.3 | 22.6 | 21.0 | 19.9 | 23.7 | 54.2 |
| 1994....................................... | 12.9 | 4.8 | 132.2 | 51.6 | 38.7 | 28.7 | 38.0 | 21.0 | 23.6 | 16.0 | 17.2 | 25.2 | 54.3 |
|  | 12.1 | 4.8 | 125.5 | 53.2 | 41.6 | 12.6 | 27.1 | 0.5 | 23.4 | 11.9 | 16.2 | 17.7 | 56.4 |
| 1996..................................... | 12.0 | 5.3 | 126.8 | 54.1 | 33.8 | 8.3 | 30.3 | -14.4 | 22.5 | 14.5 | 12.0 | 15.2 | 55.9 |
| 1997..................................... | 11.2 | 5.5 59 | 126.0 | ${ }_{53.6}^{53.1}$ | 29.9 | 0.1 | 28.7 | -39.1 | 21.3 | 15.5 | 9.5 | 11.3 | 55.0 |
|  | 11.6 10.8 | 5.9 6.0 | 140.5 125.7 | 53.18 | 28.4 22.2 | 11.0 -12.6 | -1.8 | -52.4 | 20.2 19.5 | 15.5 15.5 | 3.3 8.4 | 14.6 6.6 | 54.1 55.1 |
| 2000.................................... | 11.1 | 5.4 | 153.2 | 58.7 | 6.7 | 3.2 | 14.4 | -7.5 | 18.7 | 19.5 | 7.4 | 11.4 | 58.0 |

1. Consists of personal dividend income, personal interest income, taxable pensions, taxable unemployment ompensation, and taxable social security benefits. These types of income have been subject to varying grees of withholding since 1984 . Note. The relative AGI gap is the AGI gap as a percentage of the BEA-derived AGI and is shown in line 31 of
tables 1 and 2.
AGI Adjusted gross income
BEA Bureau of Economic Analysis CCAdj Capital consumption adjustment
reconciliation items unrelated to revision to personal income. ${ }^{17}$

Revisions to AGI components (part of line 9 and lines 12,14 , and 15) were all carried through to the BEA-derived AGI. Capital gains and small business corporation income are examples of AGI components that are added, without adjustments, to personal income in the derivation of the BEA-derived AGI.

The $\$ 3.9$ billion upward revision to total AGI (line 23), which resulted from the replacement of preliminary tabulations with final tabulations, reflected revisions to all AGI components including the components added, without adjustments, to personal income in the derivation of the BEA-derived AGI.
17. The reconciliation items shown in lines $3,6,7$, and 9 are components of personal income, but they are derived in aggregate in the estimation of personal income; similarly, several reconciliation items included in line 15 are components of AGI, but they are also derived in aggregate in the estimation of AGI. Separate estimates of these reconciliation items are prepared only for reconciliation purposes. Thus, revisions to the separately estimated reconciliation items are unrelated to the revisions to personal income or to AGI, so they are carried through to the AGI gap.

Table 5. Sources of Revision to the AGI Gap, 1999
[Billions of dollars]

| Line ${ }^{1}$ |  | 1999 |
| :---: | :---: | :---: |
| 1 | Personal income .. | 9.2 |
| 2 | Less: Portion ol personal income not included in adjusted gross income ........ | 0.5 |
| 3 | Nontaxable transter payments.. | -5.9 |
| 4 | Other labor income except fees............................................................. | 0.5 |
| 5 | Imputed income in personal income. | -5.3 |
| 6 | Investment income retained by life insurance carriers and pension plans.......... | -10.2 |
| 7 | Investment income received by nomprofit institutions or retained by fiduciaries.. | 4.0 |
| 8 | Differences in accounting treatment between NIPA's and tax regulations, net..... | 12.1 |
| 9 | Other personal income exempt or excluded from adjusted gross income........... | 5.2 |
| 10 | Plus: Portion of adjusted gross income not included in personal income ........ | 27.4 |
| 11 | Personal contributions for social insurance .... | 0.3 |
| 12 | Gains, net of losses, from sale of property.................................................. | 35.6 |
| 13 | Taxable pensions .............................................................................. | -1.7 |
| 14 | Smaill business corporation income .......................................................... | 6.7 |
| 15 | Other types of income........................................................................ | -13.5 |
| 22 | Equals: BEA-derived adjusted gross income .......................................... | 36.1 |
| 23 | Adjusted gross income of IRS........................................................... | 3.9 |
| 29 | Adjusted gross income (AGI) gap........................................................ | 32.2 |
| 31 | Relative AGI gap (percent) .................................................................... | 0.2 |

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

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

## Federal Personal Income Tax Liabilities and Payments, 1959-2000

The table below presents the estimates of Federal personal income tax liabilities and of Federal personal income tax payments for 1959-2000. ${ }^{1}$ The estimates for

1. For a discussion of the payments series, the derivation and the use of the estimates of tax liabilities, and the sources of the differences between liabilities and payments, see Thae S. Park, "Federal Personal Income Tax Liabilities and Payments, 1959-97," Survey of Current Business 80 (March 2000): 11-14.

Thae S. Park prepared this report.

1999 are revised, and the estimates for 2000 are new; these estimates reflect the incorporation of the results of this year's annual revision of the national income and product accounts and newly available tax return data from the Internal Revenue Service.

For 1999, tax payments exceeded tax liabilities by $\$ 2.5$ billion and for 2000, tax payments exceeded tax liabilities by $\$ 9.4$ billion. There were no major tax law changes for 1999-2000 that affected tax payments and tax liabilities differently.

Federal Personal Income Tax Liabilities and Payments, 1959-2000
[Billions of dollars]

|  | Federal personal income taxes |  |  | Disposable personal income (DPI) |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\underset{\text { basis' }^{\text {Liabilities }}}{\substack{\text { ben }}}$ | Payments basis ${ }^{2}$ | Difference | Alternative DPI with NIPA Federal personal income taxes on a liabilities basis | Published DPI with NIPA Federal personal income taxes on a payments basis ${ }^{3}$ |
| 1959......... | 39.0 | 38.5 | 0.5 | 350.7 | 351.2 |
| 1960 .......................... | 39.9 | 41.8 | -1.9 | 368.1 | 366.2 |
| 1961...................... | 42.7 | 42.7 | 0.0 | 382.3 | 382.4 |
| 1962...................... | 45.4 | 46.5 | -1.1 | 406.8 | 405.6 |
| 1963...................... | 48.8 | 49.1 | -0.3 | 426.2 | 425.8 |
|  | 47.8 | 46.0 | 1.8 | 461.2 | 463.0 |
| 1965...................... | 50.2 | 51.1 | -0.9 | 499.8 | 498.9 |
| ${ }_{1}^{1966}$....................... | 56.8 <br> 637 <br> 18 | 58.6 | -1.8 | 540.9 | 539.1 |
| ${ }_{1968}$ (.............................. | 77.5 | 64.4 76.4 | -0.1 | 576.9 625.1 | 566.2 66.2 |
| 1969............................ | 87.4 | 91.7 | -4.3 | 679.3 | 675.0 |
| 1970 ...................... | 84.5 | 88.9 | -4.4 | 740.9 | 736.5 |
| $1971 . . . . . . . . . . . . . . . . . . . . . . . ~$ | 86.1 | 85.8 | 0.3 | 801.4 | 801.7 |
| ${ }_{1} 1972 . . . . . . . . . . . . . . . . . . . . . . . . ~$ | 94.3 | 102.8 | -8.5 | 877.0 | 868.6 |
| 1973....................... | 108.9 | 109.6 | -0.7 | 979.6 | 979.0 |
| 1974..................... | 124.4 117.3 | 126.5 120.7 | -2.1 | $1,074.3$ 1 1 | $1,072.3$ $1,181.4$ |
| 1976............................. | 142.8 | 141.2 | -1.6 | 1,298.3 | 1,299.9 |
| 1977 ........................ | 161.0 | 162.2 | -1.2 | 1,437.1 | 1.436 .0 |
| 1978...................... | 189.6 | 188.9 | 0.7 | 1,614.1 | 1,614.8 |
| 1979....................... | 216.1 | 224.6 | -8.5 | 1,816.8 | 1,808.2 |
| 1980 ...................... | 252.3 | 250.0 | 2.3 -3 | $2,017.4$ | $2,019.8$ |
| ${ }_{1982}^{1981 . . . . . . . . . . . . . . . . . . . . . . ~}$ | 288.7 280.2 | 2929.6 | -3.9 -14.8 | 2,251.8 | $2,247.9$ 2.406 .8 |
|  | 277.8 | 286.2 | -8.4 | 2.594 .4 | $2,586.0$ |
| $1984 . . . . . . . . . . . . . . . . . . . . . . ~$ | 306.7 | 301.4 | 5.3 | 2,882.3 | 2.887 .6 |
| 1985...................... | 331.5 | 336.0 | -4.5 | 3.091 .0 | 3,086.5 |
| ${ }_{1987}^{1986 . . . . . . . . . . . . . . . . . . . . . . ~}$ | 374.9 378.7 | 350.1 392.5 | $\begin{array}{r}24.8 \\ -13.8 \\ \hline\end{array}$ | $3,237.7$ <br> $3,473.3$ | $3,262.5$ 3.459 .5 |
| 1988 ............................ | 422.0 | 402.9 | 19.1 | 3,733.3 | 3,752.4 |
| $1989 . . . . . . . . . . . . . . . . . . . . . . . ~$ | 440.1 | 451.5 | -11.4 | 4,027.7 | 4,016.3 |
| 1990 ...................... | 453.4 | 470.2 | -16.8 | 4,310.4 | 4,293.6 |
| ${ }_{1991 . . . . . . . . . . . . . . . . . . . . . . . ~}^{\text {- }}$ | 455.4 | 461.3 | -5.9 | 4,480.7 | 4,474.8 |
| 1993 | 588.5 | 5505.4 | 7.8 3 | ${ }^{4}, 7462.8$ | $4,754.6$ |
| 1994 ............................ | 540.3 | 542.5 | -2.2 | 5,167.7 | 5,165.4 |
| 1995...................... | 592.9 | 585.6 | 7.3 | 5,415.2 | 5,422.6 |
| 1996...................... | 664.5 | 662.9 | 1.6 | 5,676.2 | 5,677.7 |
|  | 742.5 | 743.9 | -1.4 | 5,969.6 | $5,968.2$ |
| 1998...................... | 800.5 | 826.4 | -25.9 | $6,381.5$ | 6,355.6 |
| 1999...................... | 891.5 | 894.0 | -2.5 | 6,629.9 | 6,627.4 |
| 2000 ....................... | 989.6 | 999.0 | -9.4 | 7,129.5 | 7,120.2 |

1. This series is derived by the Bureau of Economic Analysis and is based on data from Internal Revenue Service, Statis2. This series is presented in NIPA table 3.2 in the section "BEA Current and Historrcal Data" of this issue. All of the esti-
2. This series is presented in NIPA table 2.1 in "BEA Current and historrcal Data." See also BEA's Web site.

# Gross Domestic Product by Industry for 1999-2001 

By Robert J. McCahill and Brian C. Moyer

THE Bureau of Economic Analysis (BEA) has recently released new estimates of gross domestic product (GDP) by industry for 2001 and revised estimates for 1999-2000. ${ }^{1}$ The estimates incorporate the results of this year's annual revision of the national income and product accounts (NIPA's) and newly available source data. ${ }^{2}$ The GDP-by-industry estimates are value-added measures that are based on the NIPA

[^7]components of gross domestic income (see the box below).

After growing at a rapid pace in the last half of the 1990s, real GDP slowed in 2000, declined in the first three quarters of 2001, and increased in the last quarter of 2001. Relative to past cycles, the slowdown in real GDP was mild, though real growth rates varied widely among industries. Declines, particularly in some manufacturing industries, were steep. Growth rates in other industries-mainly in services but also in manu-facturing-remained strong in 2001, partly reflecting decreases in unit labor costs and unit capital costs through increases in productivity.

## Gross Domestic Product by Industry Definition and Relationship to Gross Domestic Product and Other Measures of Output

The Bureau of Economic Analysis (BEA) prepares several different, but related, measures of output. These measures include gross domestic product (GDP), gross domestic income (GDI), GDP by industry, gross output by industry, gross output from the input-output accounts, and gross state product (GSP).

Current-dollar GDP by industry, or gross product originating, is the contribution of each private industry and government to the Nation's GDP. It is the industry's value added, which is equal to its gross output (which consists of sales or receipts and other operating income, commodity taxes, and inventory change) minus its intermediate inputs (which consist of energy, raw materials, semifinished goods, and services that are purchased from domestic industries or from foreign sources). Currentdollar GDP by industry is measured as the sum of distributions by industry of the components of GDI that are attributable to labor and property in the United States. The industry's gross output is benchmarked to the output estimates of the input-output accounts.

In the national income and product accounts (NIPA's), GDP is measured as the sum of the expenditure components and is benchmarked to the input-output accounts. GDI measures output as the sum of the costs incurred and the incomes earned in the production of GDP. In concept, GDP and GDI should be equal; in practice, they differ because the estimates of their components are mainly based on different source data. The difference between GDP and GDI is the "statistical discrepancy," which is recorded in the NIPA's as an "income" compo-
nent that reconciles GDI with GDP. 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. ${ }^{1}$
Because the estimates of current-dollar GDP by industry are computed using the components of GDI, the sum of the GDP-by-industry estimates also differs from cur-rent-dollar GDP by the statistical discrepancy. Thus, for the sum of GDP by industry to be equal to GDP, the statistical discrepancy must be included as an industry. The statistical discrepancy is included in private industries because in BEA's view, most of the measurement problems with the components of GDI affect private industries rather than general government or government enterprises.
GSP is derived as the sum of the GSP originating in all industries in a State and is the State counterpart of the Nation's GDP. GSP differs from GDP because like GDP by industry, GSP is measured as the sum of the distributions by industry of the components of GDI. However, it differs from GDP by industry because it excludes the statistical discrepancy, the compensation of Federal civilian and military personnel, and military structures and equipment located abroad. ${ }^{2}$

1. See the box "The Statistical Discrepancy," Slrvey of Current Business 77 (August 1997): 19; and "Note on Alternative Measures of Gross Product by Industry," Survey 77 (November 1997): 84-85.
2. See the box "Gross State Product Estimates," in Sharon D. Panek and George K. Downey, "Gross State Product by Industry, 1998-2000," Survey 82 (June 2002): 57.

Highlights in 2001 include the following:

- Real GDP increased 0.3 percent. Real GDP in private services-producing industries increased 1.7 percent, while real GDP in private goods-producing industries decreased 4.2 percent. ${ }^{3}$
- Among the private goods-producing industries, manufacturing was the hardest hit by the 2001 recession. Its real GDP decreased 6.0 percent. Dura-ble-goods manufacturing decreased 5.2 percent, and nondurable-goods manufacturing decreased 7.1 percent.
-The performance of the information technology (IT)-related industries was mixed. Real GDP in the industrial machinery and equipment industry and in the instruments and related products industry decreased sharply. In contrast, real GDP in the communications industry group and in the electronic and other electric equipment industry increased strongly; in the face of falling prices in both industries and falling demand in the electronic and other electric equipment industry, these industries were able to lower their unit labor costs and unit capital costs through increases in productivity, and thereby increase their real GDP (value-added) growth.
- Real GDP growth in the finance, insurance, and real estate (FIRE) industry group was strong. Doubledigit growth was reported for nondepository institutions (including credit-card companies, motor vehicle finance leasing companies, and mortgage banking firms) and for security and commodity brokers.
- In several of the private services-producing industry groups, real GDP growth slowed but remained relatively strong. Growth in retail trade slowed from 7.5 percent in 2000 to 4.6 percent in 2001 , and growth in FIRE slowed from 6.2 percent to 2.8 percent. Growth in the communications industry group was 12.3 percent in both 2000 and 2001.
- Real GDP for services-mainly business and personal services-grew only 0.9 percent.
- Declines in real GDP in the transportation-by-air industry and in the hotels and other lodging places industry lowered overall real GDP growth by 0.1 percentage point, partly reflecting sharp reductions in business air travel and tourism-related services after the terrorist attacks on September 11 ${ }^{\text {th }}$.
This article is presented in four parts. The first part discusses the relative performance of industries in terms of real growth rates, contributions to real growth, industry shares of current-dollar GDP, and the

[^8]components of income for current-dollar GDP by industry. The second part discusses the prices of GDP by industry, contributions to price change, and unit costs. The third part discusses the revisions to the estimates. The fourth part describes the changes to the methodology and presentation. The detailed GDP-by-industry estimates for 1998-2001 are presented in tables 1-14 at the end of the article (see also the box "Data Availability" on page 27).

## Measures of Industry Performance

The relative performance of particular industries or industry groups can be assessed by examining their real growth rates, their contributions to real GDP growth, their shares of current-dollar GDP, and their components of income for current-dollar GDP by industry.

## Real GDP-by-industry growth rates

From 1995 to 2000, a period of rapid economic growth, real GDP increased at an average annual rate of 4.0 percent. Private industries increased 4.6 percent, and government increased 1.4 percent; in private industries, goods-producing industries increased 4.1 percent, and services-producing industries increased 5.3 percent (table A and table 5A). ${ }^{4}$

In 2001, real GDP growth slowed to 0.3 percent from 3.8 percent in 2000 . Growth in both the private goods-producing industries and the private servicesproducing industries was adversely affected by the recession. Real growth in the goods-producing industries dropped from 3.6 percent to -4.2 percent, and real

[^9]Table A. Percent Changes in Real Gross Domestic Product by Industry Group

|  | 1999 | 2000 | 2001 | Average annual rate of change $1995-2000$ 1995-200 |
| :---: | :---: | :---: | :---: | :---: |
| Gross domestic product................. | 4.1 | 3.8 | 0.3 | 4.0 |
| Privale industries. | 4.8 | 3.9 | 0.4 | 4.6 |
| Private goods-producing industries. | 4.5 | 3.6 | -4.2 | 4.1 |
| Agriculture, lorestry, and fishing... |  |  | -1.7 | 6.2 |
| Mining. | -4.2 | -11.2 | 4.8 | -2.0 |
| Construction. | 5.4 | 2.8 | -1.6 | 4.8 |
| Manuiacturing................................................. | 4.8 | 4.7 | -6.0 | 4.3 |
| Durable goods. | 6.3 | 10.0 | -5.2 | 7.9 |
| Nondurable goods............................................ | 2.8 | -2.2 | -7.1 | -0.4 |
| Private services-producing industries | 5.0 | 5.4 | 1.7 | 5.3 |
| Transportation and public utitities ............................. | 7.2 | 6.8 | -0.2 | 4.3 |
| Transportation............................................... | 4.1 | 5.2 | -4.3 | 4.6 |
| Communications ................................................ | 10.4 | 12.3 | 12.3 | 7.2 |
| Electric, gas, and sanitary services........................ | 7.8 | 2.4 | -9.1 | 0.6 |
| Wholesale trade............................................... | 6.8 | 5.9 | -0.2 | 9.2 |
| Retail trade.................................................... | 5.8 | 7.5 | 4.6 | 7.2 |
| Finance, insurance, and real estate........................... | 4.1 | 6.2 | 2.8 | 5.2 |
| Services ........................................................ | 4.1 | 3.3 | 0.9 | 3.9 |
| Government........................................................... | 1.3 | 2.6 | 1.7 | 1.4 |

growth in the services-producing industries dropped from 5.4 percent to 1.7 percent. Among the goodsproducing industries, growth in manufacturing dropped the most, from 4.7 percent to -6.0 percent.

The -6.0 -percent growth in manufacturing in 2001 resulted from negative growth in both durable-goods manufacturing ( -5.2 percent) and nondurable-goods manufacturing ( -7.1 percent). At the detailed industry level, growth in 19 of the 21 manufacturing industries was negative. Growth decreased sharply in fabricated
metal products ( -10.2 percent), industrial machinery and equipment ( -10.7 percent), textile mill products ( -10.7 percent), and petroleum and coal products (-17.9 percent).

Real growth in the private services-producing industries slowed but was still a positive 1.7 percent in 2001. This growth was largely driven by growth in retail trade ( 4.6 percent) and in FIRE ( 2.8 percent). The growth in FIRE primarily reflected growth in nondepository institutions ( 16.4 percent) and security and

## Nonadditivity of Chained Dollars and "Not Allocated by Industry" in the GDP-by-industry Accounts

In the gross domestic product (GDP)-by-industry accounts, chain-type annual-weighted indexes are the featured measures of real output and prices. ${ }^{1}$ These chaintype measures provide estimates of industry real growth (table A and table 5A) and estimates of industry contributions to real GDP growth (table B) that are more accurate and that are free from the biases associated with traditional, fixed-weighted measures. ${ }^{2}$ Because the chained-weighted measures capture the effects of changes in relative prices and in the composition of output over time, they are especially important in measuring the performance of industries, such as the information technology (IT)-related industries, in which prices have changed rapidly.

In order to assist users, BEA also prepares chained (1996) dollar estimates that are based on the chain-type quantity indexes (table 6). These measures are constructed by setting 1996 as the reference year and by using the percent changes in the GDP-by-industry chaintype quantity indexes to extrapolate the real GDP-byindustry chained-dollar estimates from their 1996 cur-rent-dollar levels. By construction, the growth rates in the chain-type quantity indexes and in the chained-dollar estimates are identical. The chained-dollar estimates provide users with dollar-denominated measures of real GDP by industry, but they do not provide accurate estimates of industry shares of real GDP or of industry contributions to real GDP growth. For such estimates, BEA recommends using shares of nominal GDP (table 2) and contributions to real GDP growth based on the chaintype quantity indexes (table B). ${ }^{3}$

1. For information about the computation of the real GDP-by-industry estimates, see the box "Computation of the Chain-Type Quantity Indexes for Double-Deflated Industries" in Robert E. Yuskavage, "Improved Estimates of Gross Product by Industry, 1959-94," Survey of Current Business 76 (August 1996): 142.
2. For more information, see J. Steven Landefeld and Robert P. Parker, "BEA's Chain Indexes, Time Series, and Measures of Long-Term Economic Growth," Survey 77 (May 1997): 58.
3. For more information, see the box "Using Chained-Dollar Estimates for Computing Contributions to Economic Growth: A Cautionary Note," in Sherlene K.S. Lum and Brian C. Moyer, "Gross Product by Industry, 1995-97," Survey 78 (November 1998): 20.

The chained-dollar estimates have an additional short-coming-they are generally not additive. The extent of this nonadditivity partly depends on the relative price changes of the components of an industry or aggregate. As a result of the plummeting prices of IT-related products in recent years, nonadditivity has become an important issue, particularly for the IT-related industries and their aggregates. Moreover, as one moves farther from the reference year for the chained-dollar estimates, the degree of nonadditivity tends to increase.
The category "Not allocated by industry" is the difference between real GDP (in chained dollars) and the sum of the real GDP-by-industry estimates for the detailed industries (including the statistical discrepancy) (table 6, line 86). It reflects both nonadditivity of the detailed chained-dollar estimates and methodological differ-ences-that is, the differences between the source data used for the current-dollar and price estimates of GDP by industry and those used for the estimates of the expenditures measure of real GDP. The following table shows the breakdown of "Not allocated by industry" into methodological differences and nonadditivity.

| [Billions of chained (1996) dollars] |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 |
| Not allocated by industry.......... | 0.0 | -33.3 | -48.9 | -97.1 | -159.1 | -204.4 |
| Methodological differences ..... | 0.0 | -27.1 | -28.2 | -51.0 | -52.3 | -80.3 |
| Nonadditivity................................ | 0.0 | -6.2 | -20.8 | -46.1 | -106.7 | -124.1 |

In 2001, "Not allocated by industry" was - $\$ 204.4$ billion or 2.2 percent of real GDP. The nonadditivity of chained dollars grew each year, and in 2001 it accounted for more than three-fifths of "Not allocated by industry."
The nonadditivity of chained dollars for an industry group is measured as the difference between the industry group's chained-dollar total estimate and the sum of the chained-dollar estimates for the detailed industries that make up the industry group. The degree of nonadditivity is larger for industry groups in which there is rapid price change. For example, in 2001, the nonadditivity is most significant in durable-goods manufacturing, partly reflecting rapid price declines for IT-related products (computers, semiconductors, digital telephone switching equipment, and local area network equipment).
commodity brokers (13.1 percent). In contrast, growth declined in the transportation-by-air industry ( -7.7 percent) and in hotels and other lodging places ( -4.1 percent), partly reflecting sharp reductions in business air travel and tourism-related services after September $11^{\text {th }}$.

The performance of the IT-related industries in 2001 was mixed. In durable-goods manufacturing, real growth in industrial machinery and equipment (including computers) decreased 10.7 percent, and real growth in instruments and related products decreased 9.6 percent. In contrast, real growth in electronic and other electric equipment (including semiconductors, digital telephone switching equipment, and local area network (LAN) equipment) increased 7.5 percent, and real growth in the communications industry group increased 12.3 percent.

The growth in real GDP in the electronic and other electric equipment industry was positive despite a sharp decrease in industry output. In current-dollars, gross output (primarily sales) decreased 22.4 percent in 2001 (table 8), and intermediate inputs (purchased energy, materials, and services) decreased 29.1 percent (table 9). By absorbing much of the decrease in output through decreased intermediate inputs, the industry's current-dollar value added-that is, its current-dollar GDP by industry-decreased only 11.7 percent (table 1). In addition, the prices of gross output fell more than those of intermediate inputs, so industry valueadded prices fell 17.8 percent (table 7A). As a result of increases in productivity, the industry was able to lower its unit labor costs 15.7 percent and its unit capital costs 24.8 percent, and thereby raise its real valueadded.

Real growth in the communications industry group was strong in 2001 despite falling prices for output. Gross output prices (primarily reflecting prices for cellular telephone services) fell more than intermediate inputs prices, so industry value-added prices fell 7.0 percent. Productivity increases enabled the industry to lower its unit labor costs 11.6 percent and to lower its unit capital costs 2.6 percent, and as a result, its real value added increased 12.3 percent.

## Contributions to real GDP growth

An industry's contribution to real GDP growth depends on both its real growth rate and its relative size. ${ }^{5}$ In 1995-2000, private goods-producing industries

[^10]contributed 1.0 percentage point to the 4.0 -percent average annual growth rate of real GDP, and private ser-vices-producing industries contributed 3.4 percentage points (table B). In 2001, private goods-producing industries contributed -1.0 percentage point to the 0.3 percent growth rate of real GDP, and private servicesproducing industries contributed 1.2 percentage points.

The slowdown in real GDP growth from 3.8 percent in 2000 to 0.3 percent in 2001 can be examined in terms of changes in the industry contributions to real GDP growth. The contribution of private goods-producing industries fell 1.8 percentage points-from 0.8 percentage point in 2000 to -1.0 percentage point in 2001. The contribution of private services-producing industries fell 2.3 percentage points-from 3.5 percentage points to 1.2 percentage points. The decrease in the goods-producing industries primarily reflected a decrease in the contribution of manufacturing from 0.8 percentage point to -0.9 percentage point. The decrease in the contribution of the services-producing industries was spread across several industry groups: Transportation and public utilities decreased from 0.6 percentage point to 0.0 percentage point, wholesale trade and retail trade combined decreased from 1.1 percentage points to 0.4 percentage point, FIRE decreased from 1.2 percentage points to 0.6 percentage point, and services decreased from 0.7 percentage point to 0.2 percentage point.

In 2001, the 0.3 -percent growth in real GDP reflected largely offsetting contributions from the private goods-producing industries ( -1.0 percentage point) and the private services-producing industries ( 1.2 per-

Table B. Contributions to Percent Change in Real Gross Domestic Product by Industry Group

|  | 1999 | 2000 | 2001 | Average annual rate 1995-200 |
| :---: | :---: | :---: | :---: | :---: |
| Gross domestic product. | 4.1 | 3.8 | 0.3 | 4.0 |
|  | Percentage points |  |  |  |
| Private industries. | 4.2 | 3.4 | 0.3 | 4.0 |
| Private goads-producing industries | 1.1 | 0.8 | -1.0 | 1.0 |
| Agriculture, forestry, and fishing... | 0.1 | 0.1 | 0.0 | 0.1 |
| Mining. | 0.0 | -0.1 | 0.1 | -0.0 |
|  | 0.8 | 0.8 | -0.9 | 0.7 |
| Durable goods................................................. | 0.6 | 0.9 | $-0.5$ | 0.7 |
| Nondurable goods....................................... | 0.2 | -0.2 | -0.5 | -0.0 |
| Private sevices-producing industries | 3.2 | 3.5 | 1.2 | 3.4 |
| Transportation and public utilities ........................... | 0.6 | 0.6 | 0.0 | 0.4 |
| Transportation................................................ | 0.1 | 0.2 | -0.1 | 0.1 |
| Communications....................................... | 0.3 | 0.3 | -0.3 | 0.2 |
| Whectric, gas, and sanitary services....................... | 0.2 | 0.1 | -0.2 | 0.0 |
|  | 0.5 | 0.7 | 0.4 | 0.6 |
| Finance, insurance, and real estate | 0.8 | 1.2 | 0.6 | 1.0 |
| Services ..................................................... | 0.9 | 0.7 | 0.2 | 0.8 |
| Government........................................................ | 0.2 | 0.3 | 0.2 | 0.2 |

Note. For information on the calculation of the contributions to percent change, see footnote 5 in text. Percentage-point contributions do not sum to the percent change in the chain-type quantity index for gross domestic product or to the percentage-point contribution for private industries, because the contributions of
the statistical discrepancy and of "not allocated by industry" are excluded (see table 6 for the detailed estithe statistical discrepancy and of "not allocated by industry" are excluded (see table 6 for the detailed estimates of real gross domestic product by industry).
centage points). In the goods-producing industries, manufacturing-the sector hardest hit by the reces-sion-made the largest negative contribution ( -0.9 percentage point) to real GDP growth. Durable-goods manufacturing and nondurable-goods manufacturing each contributed -0.5 percentage point. In the private services-producing industries, large positive contributions were made by FIRE ( 0.6 percentage point), retail trade ( 0.4 percentage point), and communications ( 0.3 percentage point).

## Shares of current-dollar GDP

An industry's share of current-dollar GDP is a better indicator of the industry's relative size in the economy than its share of real GDP, because the shares of real GDP depend on the choice of the reference year. The shares of current-dollar GDP can also be used to examine long-term trends in relative size, because these shares do not become distorted for years that are far from the reference year.

In 1998-2001, the share of current-dollar GDP that was accounted for by private goods-producing industries declined, while the shares accounted for by private services-producing industries and by government rose (table C and table 2). The share of goods-producing industries decreased from 23.2 percent in 1998 to 21.6 percent in 2001 ; it decreased each year, and the largest decline was in 2001. The share of services-producing industries increased from 64.6 percent to 66.8 percent; it increased each year. The share of government increased slightly from 12.6 percent to 12.7 percent. The increase in the share of services-producing industries was mostly accounted for by services and FIRE. The share of services rose 1.3 percentage points; business services increased the most ( 0.4 percentage

## Data Availability

The summary estimates of gross domestic product by industry in this article and more detailed estimates for 1947-2001 are available on BEA's Web site; go to <www.bea.gov> and click on "Industry: GDP by industry and input-output data."

In early December, the estimates will be also available on the following diskettes:

Gross Domestic Product by Industry, 1947-2001, product number NDN-0302;

Gross Output by Detailed Industry, 1977-2001, product number NDN-0303; and
Shipments of Manufacturing Industries, 1977-2001, product number NDN-0304.

To order, call the BEA Order Desk at 1-800-704-0415 (outside the United States, call 202-606-9666).
point). The share of FIRE rose 1.1 percentage points; the largest increases were in real estate ( 0.4 percentage point) and nondepository institutions ( 0.3 percentage point).

In 2001, the share of goods-producing industries dropped 1.3 percentage points. The drop was attributable to a 1.4-percentage-point decline in the share of manufacturing. Durable-goods manufacturing decreased 0.9 percentage point, and nondurable-goods manufacturing decreased 0.4 percentage point. Shares of each of the detailed manufacturing industries either decreased or did not change. The shares of the two largest industries decreased-industrial machinery and equipment by 0.3 percentage point and electronic and other electric equipment by 0.2 percentage point.

The share of services-producing industries increased in 2001. The share of services increased 0.6 percentage point, and the share of FIRE increased 0.5 percentage point. In contrast, the share of wholesale trade decreased 0.3 percentage point.

The share of government increased 0.3 percentage point in 2001. The increase was entirely accounted for by a 0.4 -percentage-point increase in the share of State and local government. The Federal Government's share decreased 0.1 percentage point.

## Components of income for current-dollar GDP by industry

The changes over time in an industry's share of labor and capital reflect differences in the growth rates of the components of current-dollar GDP by indus-try-compensation of employees, indirect business tax and nontax liability, and property-type income. The labor share of production is approximated by compensation of employees, which consists of wage and salary accruals, employer contributions for social insurance, and other labor income. The capital share of produc-

Table C. Gross Domestic Product by Industry in Current Dollars as a Percentage of Gross Domestic Product
[Percent]

|  | 1998 | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: | :---: |
| Gross domestic product .............................. | 100.0 | 100.0 | 100.0 | 100.0 |
| Private industries. | 87.4 | 87.6 | 87.6 | 87.3 |
| Private goods-producing industries.. | 23.2 | 23.1 | 22.9 | 21.6 |
| Agriculture, forestry, and fishing....................... | 1.5 | 1.4 | 1.4 | 1.4 |
| Mining ....................................................... | 1.1 | 1.1 | 1.4 | 1.4 |
| Construction | 4.3 | 4.6 | 4.7 | 4.8 |
| Manutacturing............................................. | 16.3 | 16.0 | 15.5 | 14.1 |
| Durable goods........................................... | 9.5 | 9.2 | 9.0 | 8.1 |
| Nondurable goods......................................... | 6.8 | 6.8 | 6.5 | 6.1 |
| Private services-producing industries................. | 64.6 | 64.9 | 66.0 | 66.8 |
| Transportation and public utilities..................... | 8.3 | 8.3 | 8.2 | 8.1 |
| Transportation.......................................... | 3.3 | 3.3 | 3.2 | 3.0 |
| Communications ....................................... | 2.7 | 2.8 | 2.8 | 2.9 |
| Electric, gas, and sanitary services................. | 2.3 | 2.3 | 2.2 | 2.2 |
| Wholesale trade............................................ | 6.9 | 7.0 | 7.1 | 6.8 |
| Retail trade................................................. | 9.0 | 9.0 | 9.0 | 9.2 |
| Finance, insurance, and real estate................... | 19.5 | 19.4 | 20.1 | 20.6 |
| Services .................................................... | 20.8 | 21.3 | 21.5 | 22.1 |
|  | -0.4 | -0.4 | -1.3 | -1.2 |
| Government. | 12.6 | 12.4 | 12.4 | 12.7 |

tion is approximated by property-type income, which consists of corporate profits and proprietors' income, inventory valuation adjustments, rental income of persons, net interest, private capital consumption allowances, business transfer payments, the current surplus of government enterprises less subsidies, and government consumption of fixed capital. ${ }^{6}$

For the total economy, the share of GDP accounted for by labor increased 1.4 percentage points in 19982001, while the share accounted for by capital decreased 0.6 percentage point (table 4). ${ }^{7}$ For the private goods-producing industries, the labor share increased 1.8 percentage points, while the capital share decreased 2.2 percentage points. For the private services-producing industries, the labor share increased 1.1 percentage points, while the capital share decreased 0.6 percentage point.

In private goods-producing industries, manufacturing's labor share increased 3.4 percentage points, while its capital share decreased 4.1 percentage points. The labor share increased and the capital share decreased in both durable-goods manufacturing and nondurablegoods manufacturing. In durable-goods manufacturing, which accounts for nearly three-fifths of manufacturing output, the labor share increased 5.0 percentage points, and the capital share decreased 5.2 percentage points. This shift in shares indicates that spending on capital inputs leading up to, and during, the recession fell relative to spending on labor inputs. In 2000, compensation of employees in durable-goods manufacturing industries grew $\$ 40.7$ billion, while property-type income fell $\$ 8.9$ billion. In 2001, spending for both components fell, but property-type income fell $\$ 3.1$ billion more than compensation of employees (table $3)$.

## Measures of Industry Prices

The growth rate in an industry's price index indicates the extent to which its prices of labor and capital are changing. An industry's contribution to GDP price change indicates the extent to which the industry is affecting overall prices. Changes in an industry's unit costs indicate the extent to which the cost structure of the industry is changing.

## GDP-by-industry prices

The price index for GDP by industry for an industry or

[^11]an industry group represents the price of the industry's primary factors of production (the value-added inputs of labor and capital). ${ }^{8}$ In 1995-2000, the GDP price index grew at an average annual rate of 1.7 percent, and the price index for private industries grew 1.4 percent. The price index for private goods-producing industries grew 0.6 percent, and the price index for private ser-vices-producing industries grew 1.7 percent (table D and table 7A).

In 2001, the GDP price index increased 2.4 percent. The price index for private goods-producing industries increased 1.3 percent, and the price index for private services-producing industries increased 2.1 percent. The slower growth in prices for goods-producing industries largely reflected continued declines in dura-ble-goods manufacturing prices-particularly in prices for IT-related products. The price index for industrial machinery and equipment (including computers) fell 4.1 percent, and the price index for electronic and other electric equipment (including semiconductors, digital telephone switching equipment, and LAN equipment) fell 17.8 percent.

Prices of petroleum-related products increased much less in 2001 than in 2000. In the mining industry group, the price index for oil and gas extraction decelerated from 62.0 percent to 0.2 percent. In nondur-able-goods manufacturing, the price index for petro-
8. GDP-by-industry prices are computed using the double-deflation method in which separate estimates of gross output and intermediate inputs prices combine in a Fisher chain-type price-index-number formula.

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leum and coal products decelerated from 49.1 percent to 28.2 percent.

The growth rates in an industry's gross output prices and in its intermediate inputs prices can provide insight on the growth rates in its value-added prices. For example, the price index for the gross output of durable-goods manufacturing decreased 2.5 percent in 2001 (table 11A), while the price index for intermediate inputs decreased only 2.0 percent (table 13A). Because output prices decreased more than intermediate inputs prices, value-added prices fell more (3.3 percent) than output prices.

## Contributions to GDP price change

An industry's contribution to the growth in GDP prices depends on the growth rate of its price index

Table D. Percent Changes in Chain-Type Price Indexes by Industry Group

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

and on its relative size. ${ }^{9}$ In 1995-2000, private industries contributed 1.2 percentage points to the 1.7 -percent average annual growth rate in the GDP price index; private goods-producing industries contributed 0.1 percentage point, and private services-producing industries contributed 1.1 percentage points (table E). Among private goods-producing industries, durablegoods manufacturing contributed -0.3 percentage point. Among private services-producing industries, services was the largest contributor-at 0.7 percentage point.

In 2001, private industries contributed 1.6 percentage points to the 2.4 -percent growth in the GDP price index; private goods-producing industries contributed 0.3 percentage point, and private services-producing industries contributed 1.4 percentage points. Among private goods-producing industries, durable-goods manufacturing contributed -0.3 percentage point. Among private services-producing industries, services contributed 0.9 percentage point, but communications and wholesale trade each contributed -0.2 percentage point. The negative contributions by durable-goods manufacturing and by communications partly reflected declines in the prices of IT-related products.

## Unit costs

In the GDP-by-industry accounts, the price index for an industry represents the price of its primary factors of production, so an industry's price index, combined with its current-dollar components of GDP by industry, can be used to assess each component's contribu-
9. An industry's contribution to GDP price growth is the product of its share of current-dollar GDP and the growth rate in its GDP-by-industry price index.

Table E. Contributions to Percent Change in the Chain-Type Price Index for Gross Domestic Product by Industry Group

|  | 1999 | 2000 | 2001 | Average annual rate of change $1995-2000$ |
| :---: | :---: | :---: | :---: | :---: |
| Gross domestic product ................................ | 1.4 | 2.1 | 2.4 | 1.7 |
|  | Percentage points |  |  |  |
| Private industries. | 0.8 | 1.7 | 1.6 | 1.2 |
| Privale goods-producing industries | 0.1 | 0.3 | 0.3 | 0.1 |
| Agriculture, forestry, and fishing......................... | -0.1 | 0.0 | 0.1 | -0.0 |
| Mining ...................................................... | 0.1 | 0.5 | 0.0 | 0.1 |
| Constiuction ................................................. | 0.3 | 0.3 | 0.3 | -0. 1 |
| Manuaturing ........................................ Durable goods............................... | -0.2 | -0.3 | -0.1 | -0. |
|  | 0.1 | 0.2 | -0.2 | 0.2 |
| Private services-producing industries.................... | 0.8 | 1.4 | 1.4 | 1.1 |
| Transportation and public utilities........................ | -0.2 | -0.1 | 0.1 | 0.0 |
| Transportation.......................................... | 0.0 | 0.0 | 0.1 | 0.0 |
| Communications.................................... | -0.1 | -0.1 | -0.2 | -0.0 |
| Electric, gas, and sanitary services.................. | -0.1 | 0.0 | 0.3 | 0.0 |
| Wholesale trade............................................. | 0.0 | 0.1 | $-0.2$ | -0.1 |
| Retail trade. | 0.0 | 0.1 | 0.0 | -0.1 |
| Finance, insurance, and real estate | 0.2 | 0.7 | 0.4 | 0.5 |
| Services ................................. | 0.8 | 0.8 | 0.9 | 0.7 |
| Government....................................................... | 0.4 | 0.4 | 0.4 | 0.4 |

Nore. For information on the calculation of the contributions to percent change, see footnote 9 in text. Percentage-point contributions do not sum to the percent change in the chain-type price index for gross
domestic product or to the percentage-point contribution for private industries because the contributions of the statistical discrepancy and of "not allocated by industry" are excluded (see table 6 for the detailed estimates of real gross domestic product by industry).
tion to the total labor costs and capital costs for an industry. The measures of unit costs are computed by dividing current-dollar GDP by industry and its components by real (chained-dollar) GDP by industry. The resulting quotients are the GDP-by-industry implicit price index and the part of the price index that is associated with each component. Unit cost measures by private industry group are presented in table 14 . If the percent change in the unit cost for a component is greater than the percent change in the GDP-by-industry price index, the relative importance of that component in the industry cost structure has increased.

In 1995-2000, the total cost per unit for private industries increased 1.4 percent (table F). Unit costs for compensation of employees (unit labor costs) increased 1.8 percent. Unit costs for property-type income (unit capital costs) increased 1.2 percent, and unit costs for indirect business tax and nontax liability decreased 0.2 percent. The larger increase in unit labor

Table F. Percent Changes in Current Dollar Cost Per Unit of Real Gross Domestic Product by Private Industry Group

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

costs indicates that labor costs became a larger part of total unit costs during the period. Increases in unit labor costs were reported for all industry groups except durable-goods manufacturing, wholesale trade, and retail trade. The largest decrease in unit labor costs was in durable-goods manufacturing ( -3.2 percent).

In 2001, total cost per unit decreased in durablegoods manufacturing, in wholesale trade, and in mining. In durable-goods manufacturing and wholesale trade, the decreases in total cost per unit continued the 1995-2000 trend. The 3.3-percent decrease in durablegoods manufacturing resulted from a 0.5 -percent decline in unit labor costs, which accounted for almost three-fourths of total current-dollar cost per unit, and an 11.6 -percent decline in unit capital costs. The decrease in wholesale trade resulted from declines in both unit labor costs and unit capital costs. In mining, total unit costs decreased slightly as unit capital costs decreased and unit labor costs increased.

## Revisions to the Estimates of GDP by Industry

The estimates of GDP by industry for 1999-2000 were revised to incorporate this year's annual revision of the NIPA's and new and revised source data for gross output and prices. The revisions to current-dollar GDP for 1999 were smaller than those for 2000; GDP was revised up $\$ 5.7$ billion for 1999 and was revised down $\$ 48.3$ billion for 2000 (table G). Real GDP growth was not revised for 1999 , and it was revised down 0.3 percentage point for 2000. The revisions to real GDP for some industry groups were substantial but largely offsetting, so their effects on real GDP growth were small.

The revisions to the current-dollar estimates of GDP by industry reflected the incorporation of the revised NIPA estimates of the components of gross domestic income and the industry distributions of these components. Private industries was revised up $\$ 6.1$ billion for 1999 and was revised down $\$ 49.6$ billion for 2000. For 1999, upward revisions to the statistical discrepancy ( $\$ 33.9$ billion) and wholesale trade (\$11.8 billion) were partly offset by downward revisions to manufacturing ( $\$ 15.5$ billion), FIRE ( $\$ 11.8$ billion), transportation and public utilities ( $\$ 6.7$ billion), and services ( $\$ 3.7$ billion). For 2000, downward revisions to services ( $\$ 48.2$ billion), manufacturing ( $\$ 46.3$ billion), and transportation and public utilities (\$15.7 billion) were partly offset by upward revisions to FIRE ( $\$ 40.5$ billion), wholesale trade ( $\$ 22.7$ billion), and mining ( $\$ 6.0$ billion).

The revisions to the growth rates of real GDP by industry reflect the revisions to current-dollar GDP by industry and the incorporation of new and revised source data for gross output and prices. For 1999, the growth rate of real GDP was not revised; the growth rate of goods-producing industries was revised down
0.8 percentage point, and that of services-producing industries was revised down 0.3 percentage point. ${ }^{10}$ For 2000, the growth rate of real GDP was revised down 0.3 percentage point; the growth rate of goods-producing industries was revised up 0.7 percentage point, and the growth rate of services-producing industries was not revised. By industry group, the largest revisions for 1999 were to wholesale trade (up 3.0 percentage points) and mining (up 2.3 percentage points). The largest revisions for 2000 were to mining (up 3.8 percentage points), wholesale trade (up 3.1 percentage points), nondurable-goods manufacturing (down 2.2 percentage points), and services (down 1.8 percentage points).

## Changes to the Methodology and Presentation

This revision to the GDP-by-industry accounts incorporated several changes to the methodology and the presentation. These changes included the incorporation of improved methodology from the NIPA annual revision, the incorporation of inputs data from the 1998 annual input-output (I-O) accounts, and the inclusion of percent-change tables for all price and quantity indexes. In addition, because the GDP-by-industry accounts are currently based on the Standard Industrial Classification (SIC) system, BEA converted the source data that are based on the North American Industry Classification System (NAICS) to an SIC basis.

The following improvements that were made as part of the NIPA annual revision were incorporated. The industry estimates for security and commodity brokers incorporated the improved price indexes for personal consumption expenditures (PCE) of brokerage and investment counseling that were developed from the Bu-

[^12]reau of Labor Statistics' producer price index for brokerage services. The industry estimates of profits incorporated the improved measures of imputed commissions on equities transactions.

The intermediate inputs by industry for 1999-2001 are based on the industry distributions of inputs from the 1998 annual I-O accounts, the latest available I-O accounts.

The GDP-by-industry tables were expanded to include percent-change tables for the chain-type quantity and price indexes for outputs (tables 10A and 11A) and intermediate inputs (tables 12A and 13A). This expansion allows for greater consistency and comparability across the GDP-by-industry measures of industry performance.

This revision incorporated new and revised source data from private industry associations and from other Federal Government agencies. The source data from several Federal Government agencies are now based on NAICS rather than on the SIC, including Census Bureau data from the annual survey of manufactures, the services annual survey, and the annual trade surveys and the Internal Revenue Service data from the Statistics of Income. In addition, the BEA estimates of change in private inventories are on a NAICS basis. Because the GDP-by-industry estimates remain on an SIC basis, these NAICS-based source data were converted to an SIC basis by the source agency or by BEA using information provided by the source agency. Implementation of NAICS for the GDP-by-industry estimates will occur in the next comprehensive revision to the GDP-by-industry accounts, which is scheduled for release in 2004. At that time, NAICS-based data from both the NIPA's and the benchmark I-O accounts will be incorporated.

Tables 1-14 follow.

Table G. Revisions to Gross Domestic Product by Industry Group

|  | Current-dollar gross domestic product by industry |  |  |  |  |  | Real gross domestic product by industry |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Billions of dollars |  |  |  |  |  | Percent change from previous period |  |  |  |  |  |
|  | 1999 |  |  | 2000 |  |  | 1999 |  |  | 2000 |  |  |
|  | Previously published | Revised | Revision | Previously published | Revised | Revision | Previously published | Revised | Revision | Previously published | Revised | Revision |
| Gross domestic product ........................ | 9,268.6 | 9,274.3 | 5.7 | 9,872.9 | 9,824.6 | -48.3 | 4.1 | 4.1 | 0.0 | 4.1 | 3.8 | -0.3 |
| Private industries ........................................ | 8,116.9 | 8,123.0 | 6.1 | 8,656.5 | 8,606.9 | -49.6 | 4.8 | 4.8 | 0.0 | 4.1 | 3.9 | -0.2 |
| Private goods-producing industries................. | 2,152.9 | 2,138.6 | -14.3 | 2,293.0 | 2,248.9 | -44.1 | 5.4 | 4.6 | -0.8 | 2.9 | 3.6 | 0.7 |
| Agriculture, forestry, and fishing................... | 127.2 | 127.7 | 0.5 | 135.8 | 134.3 | -1.5 | 5.5 | 6.3 | ${ }^{0.8}$ | 8.4 | 7.9 | -0.5 |
| Mining................................................. | 103.3 | 104.1 | 0.8 | 127.1 | 133.1 | 6.0 | -6.5 | -4.2 | 2.3 | -15.0 | -11.2 | 3.8 |
| Construction........................................... | +429.5 | 425.4 | -0.1 |  | 461.3 |  | 6.0 | 5.4 |  |  | 4.8 | 0.3 |
| Manufacturing Durable goods $\qquad$ | $1,496.8$ 865.7 | $\begin{array}{r}1,481.3 \\ 853.8 \\ \hline\end{array}$ | -15.5 -11.9 | $1,566.6$ 901.7 | 1520.3 886.4 | -46.3 | 6.1 8.1 | 4.8 6.3 | -1.3 | 7.1 | 4.7 10.0 | 0.6 2.9 |
| Nondurable goods................................... | 631.0 | 627.5 | -3.5 | 664.8 | 633.9 | -30.9 | 3.3 | 2.8 | -0.5 | 0.0 | -2.2 | -2.2 |
| Private services-producing industries | 6,036.7 | 6,023.1 | -13.6 | 6,493.9 | 6,486.5 | -7.4 | 5.3 | 5.0 | -0.3 | 5.4 | 5.4 | 0.0 |
| Transportation and public utitities .... | 776.8 | 770.1 | -6.7 | 825.0 | 809.3 | -15.7 | 7.9 | 7.2 | -0.7 | 6.0 | 6.8 | 0.8 |
| Transportation.................................... | 302.7 | 301.9 | -0.8 | 313.9 | 313.7 | -0.2 | 4.1 | 4.1 | 0.0 | 4.7 | 5.2 | 0.5 |
| Communications................................. | 258.5 | 257.2 | -1.3 | 281.1 | 279.1 | -2.0 | 10.9 | 10.4 | -0.5 | 10.7 | 12.3 | 1.6 |
| Electric, gas, and sanitary services.............. | 215.6 | 211.0 | -4.6 | 230.0 | 216.5 | -3.5 | 9.9 | 7.8 | -2.1 | 2.3 | 2.4 | 0.1 |
| Wholesale trade...................................... | 633.5 | 645.3 | 11.8 | 674.1 | 696.8 | 22.7 | 3.8 | 6.8 | 3.0 | 2.8 | 5.9 | 3.1 |
| Retaiit rade.......................................... | 834.9 | 831.7 | -3.2 | 893.9 | -887.3 | -6.6 | 5.5 |  | 0.3 -15 | 7.3 5 5 | 7.5 |  |
| Finance, insurance, and real estate. Services | $1,810.6$ $1,980.9$ | $1,798.8$ $1,977.2$ | -11.8 -3.7 | $1,936.2$ $2,164.6$ | $1,976.7$ $2,116.4$ | 40.5 -48.2 | 5.6 4.5 | 4.1 | -1.5 -0.4 | 5.6 5.1 | 6.2 3.3 | 0.6 -1.8 |
|  | -72.7 | -38.8 | 33.9 | -130.4 | -128.5 | 1.9 |  |  |  |  |  |  |
| Government............................................... | 1,151.7 | 1,151.3 | -0.4 | 1,216.4 | 1,217.7 | 1.3 | 1.3 | 1.3 | 0.0 | 2.3 | 2.6 | 0.3 |

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

Table 1. Gross Domestic Product by Industry in Current Dollars, 1998-2001
[Billions of dollars]

| Line |  | 1998 | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Gross domestic product | 8,781.5 | 9,274.3 | 9,824.6 | 10,082.2 |
| 2 | Private industries | 7,678.2 | 8,123.0 | 8,606.9 | 8,800.8 |
| 3 | Private goods-producing industries .............. | 2,040.6 | 2,138.6 | 2,248.9 | 2,182.7 |
| 4 | Agriculture, forestry, and fishing. | 128.0 | 127.7 | 134.3 | 140.6 |
| 5 | Farms .................................. | 80.6 | 75.2 | 77.8 | 80.6 |
| 6 | Agricultural services, forestry, and fishing | 47.4 | 52.5 | 56.5 | 60.1 |
| 7 | Mining. | 100.2 | 104.1 | 133.1 | 139.0 |
| 8 | Metal mining | 5.4 | 5.6 | 5.2 | 5.7 |
| 9 | Coal mining. | 10.7 | 10.8 | 9.2 | 10.5 |
| 10 | Oil and gas extraction | 72.8 | 76.4 | 106.5 | 110.3 |
| 11 | Nonmetallic minerals, except fuels .......... | 11.3 | 11.4 | 12.2 | 12.6 |
| 12 | Construction. | 380.8 | 425.4 | 461.3 | 480.0 |
| 13 | Manufacturing. | 1,431.5 | 1,481.3 | 1,520.3 | 1,423.0 |
| 14 | Durable goods. | 830.7 | 853.8 | 886.4 | 812.8 |
| 15 | Lumber and wood products | 41.9 | 44.1 | 42.1 | 39.2 |
| 16 | Furniture and fixtures .......... | 24.3 | 25.8 | 26.1 | 25.0 |
| 17 | Stone, clay, and glass products........... | 38.7 | 41.4 | 40.6 | 36.7 |
| 18 | Primary metal industries ................... | 53.1 | 50.5 | 50.2 | 45.1 |
| 19 | Fabricated metal products ............ | 101.7 | 106.9 | 109.6 | 100.8 |
| 20 | Industrial machinery and equipment. | 158.6 | 152.3 | 173.1 | 148.2 |
| 21 | Electronic and other electric equipment | 159.2 | 161.2 | 162.0 | 143.1 |
| 22 | Motor vehicles and equipment ............ | 111.5 | 119.4 | 120.4 | 111.4 |
| 23 | Other transportation equipment.. | 58.4 | 65.1 | 66.3 | 71.4 |
| 24 | instruments and related products......... Miscellaneous manufacturing | 57.5 | 58.2 | 63.5 | 61.7 |
| 25 | industries................................... | 25.9 | 28.9 | 32.5 | 30.2 |
| 26 | Nondurable goods. | 600.8 | 627.5 | 633.9 | 610.2 |
| 27 | Food and kindred products | 121.8 | 136.6 | 127.0 | 123.7 |
| 28 | Tobacco products.. | 17.3 | 19.4 | 21.2 | 21.1 |
| 29 | Textile mill products. | 25.8 | 24.9 | 23.8 | 22.1 |
| 30 | Apparel and other textife products | 26.0 | 24.7 | 24.7 | 23.3 |
| 31 | Paper and allied products... | 55.7 | 56.8 | 60.2 | 55.9 |
| 32 | Printing and publishing ... | 95.6 | 105.4 | 106.5 | 100.2 |
| 33 | Chemicals and allied products............ | 164.8 | 167.3 | 169.0 | 163.5 |
| 34 | Petroleum and coal products. Rubber and miscellaneous plastics | 32.9 | 30.4 | 38.5 | 40.6 |
| 35 | products .................... | 56.8 | 58.7 | 59.3 | 56.6 |
| 36 | Leather and leather products. | 4.1 | 3.4 | 3.7 | 3.3 |
| 37 | Private services-producing industries | 5,668.6 | 6,023.1 | 6,486.5 | 6,735.4 |
| 38 | Transportation and public utilities. | 732.0 | 770.1 | 809.3 | 819.5 |
| 39 | Transportation...... | 288.7 | 301.9 | 313.7 | 306.1 |
| 40 | Railroad transportation. | 24.3 | 23.1 | 24.8 | 25.8 |
| 41 | Local and interurban passenger transit | 16.8 | 17.9 | 18.3 | 19.1 |
| 42 | Trucking and warehousing ................. | 114.1 | 121.4 | 123.3 | 126.0 |
| 43 | Water transportation.... | 13.6 | 13.4 | 15.0 | 15.7 |
| 44 | Transportation by air... | 85.8 | 90.0 | 91.9 | 80.2 |
| 45 | Pipelines, except natural gas | 6.1 | 6.2 | 6.3 | 6.5 |
| 46 | Transportation services ....................... | 28.0 | 29.9 | 34.1 | 32.9 |
| 47 | Communications ............ | 238.5 | 257.2 | 279.1 | 291.5 |
| 48 | Telephone and telegraph | 179.4 | 193.7 | 208.0 | 218.5 |
| 49 | Radio and television. | 59.1 | 63.6 | 71.1 | 72.9 |
| 50 | Electric, gas, and sanitary services.......... | 204.8 | 211.0 | 216.5 | 221.9 |
| 51 | Wholasala trade | 607.9 | 645.3 | 696.8 | 680.7 |
| 52 | Retail trade. | 790.4 | 831.7 | 887.3 | 931.8 |
| 53 | Finance, insurance, and real estate | 1,708.5 | 1,798.8 | 1,976.7 | 2,076.9 |
| 54 | Depository institutions. | 300.0 | 330.3 | 361.1 | 359.8 |
| 55 | Nondepository institutions .................... | 52.8 | 57.7 | 69.5 | 88.8 |
| 57 | Security and commodity brokers............ | 143.9 | 128.2 | 150.8 | 175.0 |
| 57 | masurance carriers. | 150.2 | 153.8 | 182.4 | 170.1 |
| 58 | insurance agents, brokers, and service .... | 56.4 | 61.5 | 61.6 | 66.5 |
| 59 | Real estate.................................... | 981.6 | 1,050.5 | 1,123.7 | 1,171.7 |
| 60 | Nonfarm housing services. | 718.7 | 766.9 | 811.4 | 845.1 |
| 6 | Other real estate .............. | 262.9 | 283.5 | 312.3 | 326.6 |
| 62 | Holding and other investment offices | 23.4 | 16.8 | 27.7 | 45.0 |
| 63 | Services. | 1,829.9 | 1,977.2 | 2,116.4 | 2,226.6 |
| 64 | Hotels and other lodging places .............. | 73.5 | 80.0 | 87.4 | 88.4 |
| 65 | Personal services ... | 57.0 | 58.5 | 59.3 | 62.7 |
| 66 | Business services, | 439.8 | 501.0 | 534.4 | 544.1 |
| 67 | Auto repair, services, and parking ........... | 81.0 | 89.2 | 94.9 | 99.5 |
| 68 | Miscellaneous repair services................ | 24.4 | 24.9 | 27.7 | 27.0 |
| 69 | Motion pictures ................................. | 29.1 | 31.2 | 32.5 | 35.5 |
| 70 | Amusement and recreation services........ | 70.1 | 72.6 | 76.6 | 79.3 |
| 71 | Health services | 491.1 | 515.4 | 548.5 | 589.8 |
| 72 | Legal services.................................... | 116.7 | 123.6 | 134.4 | 145.6 |
| 73 | Educational services ............................ | 67.5 | 72.3 | 77.9 | 84.4 |
| 74 | Social services... | 57.6 | 61.9 | 67.7 | 74.7 |
| 75 | Membership organizations. | 53.6 | 58.0 | 61.4 | 63.0 |
| 76 | Other services. | 254.5 | 276.0 | 300.3 | 320.7 |
| 77 | Private households. | 14.0 | 12.7 | 13.6 | 11.9 |
| 78 | Statistical discrepancy ${ }^{1}$............................. | -31.0 | -38.8 | -128.5 | -117.3 |
| 79 | Govermment. | 1,103.3 | 1,151.3 | 1,217.7 | 1,281.3 |
| 80 | Federal. | 359.9 | 369.8 | 389.5 | 396.2 |
| 81 | General government | 298.6 | 307.6 | 323.4 | 332.8 |
| 82 | Government enterprises ........................... | 61.3 | 62.2 | 66.1 | 63.4 |
| 83 | State and local. | 743.4 | 781.5 | 828.2 | 885.1 |
| 84 | General government. | 681.2 | 715.9 | 758.7 | 807.0 |
| 85 | Government enterprises ........................... | 62.2 | 65.6 | 69.4 | 78.1 |

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

Table 2. Gross Domestic Product by Industry in Current Dollars as a Percentage of Gross Domestic Product, 1998-2001
[Percent]

| Line |  | 1998 | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Gross domestic product. | 100.0 | 100.0 | 100.0 | 100.0 |
| 2 | Private industries | 87.4 | 87.6 | 87.6 | 87.3 |
| 3 | Privale goods-producing industries ............... | 23.2 | 23.1 | 22.9 | 21.6 |
| 4 | Agriculture, forestry, and fishing. | 1.5 | 1.4 | 1.4 | 1.4 |
| 5 | Farms ................................... | 0.9 | 0.8 | 0.8 | 0.8 |
| 6 | Agricultural services, forestry, and fishing | 0.5 | 0.6 | 0.6 | 0.6 |
| 7 | Mining. | 1.1 | 1.1 | 1.4 | 1.4 |
| 8 | Metal mining | 0.1 | 0.1 | 0.1 | 0.1 |
| 9 | Coal mining | 0.1 | 0.1 | 0.1 | 0.1 |
| 10 | Oil and gas extraction. | 0.8 | 0.8 | 1.1 | 1.1 |
| 11 | Nonmetallic minerals, except fuels .......... | 0.1 | 0.1 | 0.1 | 0.1 |
| 12 | Construction. | 4.3 | 4.6 | 4.7 | 4.8 |
| 13 | Manulacturing | 16.3 | 16.0 | 15.5 | 14.1 |
| 14 | Durable goods | 9.5 | 9.2 | 9.0 | 8.1 |
| 15 | Lumber and wood products ............... | 0.5 | 0.5 | 0.4 | 0.4 |
| 16 | Furniture and fixtures ....................... | 0.3 | 0.3 | 0.3 | 0.2 |
| 17 | Stone, clay, and glass products........... | 0.4 | 0.4 | 0.4 | 0.4 |
| 18 | Primary metal industries .................... | 0.6 | 0.5 | 0.5 | 0.4 |
| 19 | Fabricated metal products. | 1.2 | 1.2 | 1.1 | 1.0 |
| 20 | Industrial machinery and equipment | 1.8 | 1.6 | 1.8 | 1.5 |
| 21 | Electronic and other electric equipment | 1.8 | 1.7 | 1.6 | 1.4 |
| 22 | Motor vehicles and equipment ............ | 1.3 | 1.3 | 1.2 | 1.1 |
| 23 | Other transportation equipment ........... | 0.7 | 0.7 | 0.7 | 0.7 |
| 24 | lnstruments and related products $\qquad$ Miscellaneous manufacturing | 0.7 | 0.6 | 0.6 | 0.6 |
| 25 | industries ............................. | 0.3 | 0.3 | 0.3 | 0.3 |
| 26 | Nondurable goods | 6.8 | 6.8 | 6.5 | 6.1 |
| 27 | Food and kindred products................. | 1.4 | 1.5 | 1.3 | 1.2 |
| 28 | Tobacco products............................ | 0.2 | 0.2 | 0.2 | 0.2 |
| 29 | Textile mill products ........................ | 0.3 | 0.3 | 0.2 | 0.2 |
| 30 | Apparel and other textile products | 0.3 | 0.3 | 0.3 | 0.2 |
| 31 | Paper and allied products .............. | 0.6 | 0.6 | 0.6 | 0.6 |
| 32 | Printing and publishing... | 1.1 | 1.1 | 1.1 | 1.0 |
| 33 | Chemicals and allied products... | 1.9 | 1.8 | 1.7 | 1.6 |
| 34 | Petroleum and coal products Rubber and miscellaneous plastics | 0.4 | 0.3 | 0.4 | 0.4 |
| 35 | products.... | 0.6 | 0.6 | 0.6 | 0.6 |
| 36 | Leather and leather products.............. | 0.0 | 0.0 | 0.0 | 0.0 |
| 37 | Private services-producing industries ........... | 64.6 | 64.9 | 66.0 | 66.8 |
| 38 | Transportation and public utilities.. | 8.3 | 8.3 | 8.2 | 8.1 |
| 39 | Transportation.. | 3.3 | 3.3 | 3.2 | 3.0 |
| 40 | Railroad transportation. | 0.3 | 0.2 | 0.3 | 0.3 |
| 41 | Local and interurban passenger transit | 0.2 | 0.2 | 0.2 | 0.2 |
| 42 | Trucking and warehousing ................. | 1.3 | 1.3 | 1.3 | 1.2 |
| 43 | Water transportation ........................ | 0.2 | 0.1 | 0.2 | 0.2 |
| 44 | Transportation by air ........................ | 1.0 | 1.0 | 0.9 | 0.8 |
| 45 | Pipelines, except natural gas .............. | 0.1 | 0.1 | 0.1 | 0.1 |
| 46 | Transportation services ..................... | 0.3 | 0.3 | 0.3 | 0.3 |
| 47 | Communications ................................ | 2.7 | 2.8 | 2.8 | 2.9 |
| 48 | Telephone and telegraph .................... | 2.0 | 2.1 | 2.1 | 2.2 |
| 49 | Radio and television..... | 0.7 | 0.7 | 0.7 | 0.7 |
| 50 | Electric, gas, and sanitary services .......... | 2.3 | 2.3 | 2.2 | 2.2 |
| 51 | Wholesale trade ... | 6.9 | 7.0 | 7.1 | 6.8 |
| 52 | Retail trade. | 9.0 | 9.0 | 9.0 | 9.2 |
| 53 | Finance, insurance, and real estate .......... | 19.5 | 19.4 | 20.1 | 20.6 |
| 54 | Depository institutions ......................... | 3.4 | 3.6 | 3.7 | 3.6 |
| 55 | Nondepository institutions .................... | 0.6 | 0.6 | 0.7 | 0.9 |
| 56 | Security and commodity brokers............ | 1.6 | 1.4 | 1.5 | 1.7 |
| 57 | Insurance carriers.............................. | 1.7 | 1.7 | 1.9 | 1.7 |
| 58 | Insurance agents, brokers, and service .... | 0.6 | 0.7 | 0.6 | 0.7 |
| 59 | Real estate......................................... | 11.2 | 11.3 | 11.4 | 11.6 |
| 60 | Nonfarm housing services.................. | 8.2 | 8.3 | 8.3 | 8.4 |
| 61 | Other real estate .............................. | 3.0 | 3.1 | 3.2 | 3.2 |
| 62 | Holding and other investment offices | 0.3 | 0.2 | 0.3 | 0.4 |
| 63 | Services .............................................. | 20.8 | 21.3 | 21.5 | 22.1 |
| 64 | Hotels and other lodging places .............. | 0.8 | 0.9 | 0.9 | 0.9 |
| 65 | Personal services ................................ | 0.6 | 0.6 | 0.6 | 0.6 |
| 66 | Business services............................... | 5.0 | 5.4 | 5.4 | 5.4 |
| 67 | Auto repair, services, and parking ........... | 0.9 | 1.0 | 1.0 | 1.0 |
| 68 | Miscellaneous repair services................. | 0.3 | 0.3 | 0.3 | 0.3 |
| 69 | Motion pictures .................................. | 0.3 | 0.3 | 0.3 | 0.4 |
| 70 | Amusement and recreation services......... | 0.8 | 0.8 | 0.8 | 0.8 |
| 71 | Health services ................................... | 5.6 | 5.6 | 5.6 | 5.8 |
| 72 | Legal services.................................... | 1.3 | 1.3 | 1.4 | 1.4 |
| 73 | Educational services.. | 0.8 | 0.8 | 0.8 | 0.8 |
| 74 | Social services................................... | 0.7 | 0.7 | 0.7 | 0.7 |
| 75 | Membership organizations ..................... | 0.6 | 0.6 | 0.6 | 0.6 |
| 76 | Other services.................................... | 2.9 | 3.0 | 3.1 | 3.2 |
| 77 | Private households............................. | 0.2 | 0.1 | 0.1 | 0.1 |
| 78 | Statistical discrepancy ${ }^{1}$............................. | -0.4 | -0.4 | -1.3 | -1.2 |
| 79 | Government. | 12.6 | 12.4 | 12.4 | 12.7 |
| 80 | Federal.................................................. | 4.1 | 4.0 | 4.0 | 3.9 |
| 81 | General government ............................... | 3.4 | 3.3 | 3.3 | 3.3 |
| 82 | Government enterprises .......................... | 0.7 | 0.7 | 0.7 | 0.6 |
| 83 | State and local........................................ | 8.5 | 8.4 | 8.4 | 8.8 |
| 84 | General government ............................... | 7.8 | 7.7 | 7.7 | 8.0 |
| 85 | Government enterprises ........................... | 0.7 | 0.7 | 0.7 | 0.8 |

Table 3. Components of Gross Domestic Product by Industry Group in Current Dollars, 1998-2001 [Billions of dollars]

| Line |  | 1998 | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Gross domestic product | 8,781.5 | 9,274.3 | 9,824.6 | 10,082.2 |
| 2 | Compensation of employees .......... | 4,994.6 | 5,314.5 | 5,729.3 | 5,881.0 |
| 3 | indirect business tax and nontax liability | 681.3 | 712.9 | 753.6 | 774.8 |
| 4 | Property-type income.......................................... | 3,136.6 | 3,285.6 | 3,470.2 | 3,543.6 |
| 5 | Statistical discrepancy ${ }^{\text {². }}$ | -31.0 | -38.8 | -128.5 | -117.3 |
| 6 | Private industries | 7,678.2 | 8,123.0 | 8,606.9 | 8,800.8 |
| 7 | Compensation of employees | 4,079.6 | 4,361.3 | 4,722.0 | 4,818.9 |
| 8 | Indirect business tax and nontax liability..... | 681.3 | 712.9 | 753.6 | 774.8 |
| 9 | Property-type income............................ | 2,948.3 | 3,087.5 | 3,259.8 | 3,324.4 |
| 10 | Statistical discrepancy ${ }^{\text {² }}$ | -31.0 | -38.8 | -128.5 | -117.3 |
| 11 | Privale goods-producing industries ... | 2,040.6 | 2,138.6 | 2,248.9 | 2,182.7 |
| 12 | Compensation of employees ........... | 1,224.8 | 1,283.1 | 1,370.0 | 1,349.3 |
| 13 | Indirect business tax and nontax liability, | 81.0 | 83.0 | 93.5 | 96.7 |
| 14 | Property-type income......................... | 734.8 | 772.5 | 785.5 | 736.7 |
| 15 | Agriculture, forestry, and fishing.......... | 128.0 | 127.7 | 134.3 | 140.6 |
| 16 | Compensation of employees $\qquad$ Indirect business tax and nontax | 46.4 | 49.8 | 52.7 | 57.5 |
| 17 | Indirect business tax and nontax liability | 6.9 | 7.3 | 7.5 | 7.9 |
| 18 | Property-type income. | 74.7 | 70.7 | 74.1 | 75.2 |
| 19 | Mining. | 100.2 | 104.1 | 133.1 | 139.0 |
| 20 | Compensation of employees Indirect business tax and nontax | 35.8 | 34.2 | 36.5 | 39.6 |
| 21 | liability.... | 11.7 | 11.6 | 13.7 | 14.9 |
| 22 | Property-type income. | 52.8 | 58.3 | 82.8 | 84.5 |
| 23 | Construction. | 380.8 | 425.4 | 461.3 | 480.0 |
| 24 | Compensation of employees Indirect business tax and nontax | 246.2 | 272.9 | 299.0 | 313.0 |
| 25 | Indirect business tax and nontax liability | 8.6 | 9.4 | 10.0 | 10.3 |
| 26 | Property-type income ...................... | 126.0 | 143.1 | 152.3 | 156.6 |
| 27 | Manufacturing. | 1,431.5 | 1,481.3 | 1,520.3 | 1,423.0 |
| 28 | Compensation of employees $\qquad$ Indirect business tax and nontax | 896.4 | 926.2 | 981.8 | 939.2 |
| 29 | liability....... | 53.7 | 54.8 | 62.2 | 63.5 |
| 30 | Property-type income | 481.3 | 500.4 | 476.3 | 420.4 |
| 31 | Durable goods | 830.7 | 853.8 | 886.4 | 812.8 |
| 32 | Compensation of employees $\qquad$ indirect business tax and nontax | 562.8 | 585.7 | 626.4 | 590.8 |
| 33 | indirect business tax and nontax liability | 20.1 | 20.8 | 21.6 | 22.3 |
| 34 | Property-type income................... | 247.8 | 247.3 | 238.4 | 199.7 |
| 35 | Nondurable goods .......................... | 600.8 | 627.5 | 633.9 | 610.2 |
| 36 | Compensation of employees Indirect business tax and nontax | 333.7 | 340.5 | 355.3 | 348.3 |
| 37 | liability................................. | 33.6 | 33.9 | 40.6 | 41.2 |
| 38 | Property-type income................... | 233.5 | 253.1 | 237.9 | 220.7 |
| 39 | Private services-producing industries | 5,668.6 | 6,023.1 | 6,486.5 | 6,735.4 |
| 40 | Compensation of employees.. | 2,854.8 | 3,078.2 | 3,352.0 | 3,469.6 |
| 41 | Indirect business tax and nontax liability. | 600.3 | 629.9 | 660.1 | 678.1 |
| 42 | Property-type income ......................... | 2,213.5 | 2,315.1 | 2,474.3 | 2,587.7 |
| 43 | Transportation and public utilities.. | 732.0 | 770.1 | 809.3 | 819.5 |
| 44 | Compensation of employees $\qquad$ Indirect business tax and nontax | 321.9 | 350.0 | 375.1 | 382.7 |
| 45 | liability.............................. | 73.9 | 77.0 | 80.0 | 81.9 |
| 46 | Property-type income ....................... | 336.2 | 343.1 | 354.2 | 355.5 |
| 47 | Wholesale trade | 607.9 | 645.3 | 696.8 | 680.7 |
| 48 | Compensation of employees $\qquad$ Indirect business tax and nontax | 335.8 | 359.5 | 385.8 | 379.8 |
| 49 | liability.... | 126.5 | 130.6 | 135.1 | 135.1 |
| 50 | Property-type income ............................................... | 145.6 | 155.3 | 175.9 | 165.9 |
| 51 | Relail trade. | 790.4 | 831.7 | 887.3 | 931.8 |
| 52 | Compensation of employees Indirect business tax and nontax | 448.7 | 478.6 | 511.1 | 531.1 |
| 53 | liability. | 141.5 | 151.1 | 158.7 | 162.3 |
| 54 | Property-type income...................... | 200.2 | 202.0 | 217.4 | 238.4 |
| 55 | Finance, insurance, and real estate ...... | 1,708.5 | 1,798.8 | 1,976.7 | 2,076.9 |
| 56 | Compensation of employees Indirect business tax and nontax | 427.1 | 458.1 | 501.9 | 532.0 |
| 57 | liability ................................ | 203.6 | 211.9 | 223.2 | 232.9 |
| 58 | Property-type income...................... | 1,077.8 | 1,128.7 | 1,251.6 | 1,312.0 |
| 59 | Services. | 1,829.9 | 1,977.2 | 2,116.4 | 2,226.6 |
| 60 | Compensation of employees Indirect business tax and nontax | 1,321.4 | 1,432.0 | 1,578.1 | 1,644.7 |
| 61 | hndirect business tax and nontax liability | 54.8 | 59.2 | 63.1 | 66.0 |
| 62 | Property-type income............................. | 453.8 | 486.0 | 475.2 | 515.9 |
| 63 | Government | 1,103.3 | 1,151.3 | 1,217.7 | 1,281.3 |
| 64 | Compensation of employees .................... | 915.1 | 953.3 | 1,007.3 | 1,062.1 |
| 65 | Indirect business tax and nontax liability..... | 0.0 | 0.0 | 0.0 | 0.0 |
| 66 | Property-type income ............................. | 188.3 | 198.1 | 210.4 | 219.2 |

Table 4. Components of Gross Domestic Product by Industry Group in Current Dollars as a Percentage of Gross Domestic Product, 1998-2001
[Percent]

| Line |  | 1998 | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Gross domestic product. | 100.0 | 100.0 | 100.0 | 100.0 |
| 2 | Compensation of employees .......... | 56.9 | 57.3 | 58.3 | 58.3 |
| 3 | Indirect business tax and nontax liability | 7.8 | 7.7 | 7.7 | 7.7 |
| 4 | Property-type income ......................... | 35.7 | 35.4 | 35.3 | 35.1 |
| 5 | Statistical discrepancy '.................... | -0.4 | -0.4 | -1.3 | -1.2 |
| 6 | Private industries | 100.0 | 100.0 | 100.0 | 100.0 |
| 7 | Compensation of employees .................... | 53.1 | 53.7 | 54.9 | 54.8 |
| 8 | Indirect business tax and nontax liability..... | 8.9 | 8.8 | 8.8 | 8.8 |
| 9 | Property-type income............................ | 38.4 | 38.0 | 37.9 | 37.8 |
| 10 |  | -0.4 | -0.5 | -1.5 | -1.3 |
| 11 | Private goods-producing industries .......... | 100.0 | 100.0 | 100.0 | 100.0 |
| 12 | Compensation of employees ................. | 60.0 | 60.0 | 60.9 | 61.8 |
| 13 | Indirect business tax and nontax liability. | 4.0 | 3.9 | 4.2 | 4.4 |
| 14 | Property-type income .......................... | 36.0 | 36.1 | 34.9 | 33.8 |
| 15 | Agriculture, torestry, and tishing.......... | 100.0 | 100.0 | 100.0 | 100.0 |
| 16 | Compensation of employees $\qquad$ Indirect business tax and nontax | 36.2 | 39.0 | 39.2 | 40.9 |
| 17 | liability .... | 5.4 | 5.7 | 5.6 | 5.6 |
| 18 | Property-type income ....................... | 58.4 | 55.3 | 55.2 | 53.5 |
| 19 | Mining | 100.0 | 100.0 | 100.0 | 100.0 |
| 20 | Compensation of employees $\qquad$ Indirect business tax and nontax | 35.7 | 32.9 | 27.5 | 28.5 |
| 21 | liability.................................... | 11.7 | 11.1 | 10.3 | 10.7 |
| 22 | Property-type income ...................... | 52.6 | 56.0 | 62.2 | 60.8 |
| 23 | Construction.................................... | 100.0 | 100.0 | 100.0 | 100.0 |
| 24 | Compensation of employees $\qquad$ Indirect business tax and nontax | 64.6 | 64.2 | 64.8 | 65.2 |
| 25 | liability ... | 2.3 | 2.2 | 2.2 | 2.2 |
| 26 | Property-type income. | 33.1 | 33.6 | 33.0 | 32.6 |
| 27 | Manufacturing .................................. | 100.0 | 100.0 | 100.0 | 108.0 |
| 28 | Compensation of employees $\qquad$ Indirect business tax and nontax | 62.6 | 62.5 | 64.6 | 66.0 |
| 29 | liability.. | 3.8 | 3.7 | 4.1 | 4.5 |
| 30 | Property-type income...................... | 33.6 | 33.8 | 31.3 | 29.5 |
| 31 | Durable goods ............................... | 100.0 | 100.0 | 100.0 | 100.0 |
| 32 | Compensation of employees $\qquad$ Indirect business tax and nontax | 67.7 | 68.6 | 70.7 | 72.7 |
| 33 | liability. | 2.4 | 2.4 | 2.4 | 2.7 |
| 34 | Property-type income.................... | 29.8 | 29.0 | 26.9 | 24.6 |
| 35 | Nondurable goods .......................... | 100.0 | 100.0 | 100.0 | 100.0 |
| 36 | Compensation of employees $\qquad$ Indirect business tax and nontax | 55.5 | 54.3 | 56.1 | 57.1 |
| 37 | liability ................................... | 5.6 | 5.4 | 6.4 | 6.7 |
| 38 | Property-type income ................... | 38.9 | 40.3 | 37.5 | 36.2 |
| 39 | Private services-producing industries ...... | 100.0 | 100.0 | 100.0 | 100.0 |
| 40 | Compensation of employees ................. | 50.4 | 51.1 | 51.7 | 51.5 |
| 41 | Indirect business tax and nontax liability. | 10.6 | 10.5 | 10.2 | 10.1 |
| 42 | Property-type income......................... | 39.0 | 38.4 | 38.1 | 38.4 |
| 43 | Transportation and public utilities........ | 100.0 | 100.0 | 100.0 | 100.0 |
| 44 | Compensation of employees $\qquad$ Indirect business tax and nontax | 44.0 | 45.4 | 46.4 | 46.6 |
| 45 | liability ............................... | 10.1 | 10.0 | 9.9 | 10.0 |
| 46 | Property-type income...................... | 45.9 | 44.5 | 43.8 | 43.4 |
| 47 | Wholesale trade ............................... | 100.0 | 100.0 | 100.0 | 100.0 |
| 48 | Compensation of employees $\qquad$ Indirect business tax and nontax | 55.2 | 55.7 | 55.4 | 55.8 |
| 49 | liability ................................ | 20.8 | 20.2 | 19.4 | 19.8 |
| 50 | Property-type income....................... | 23.9 | 24.1 | 25.2 | 24.4 |
| 51 | Retail trade..................................... | 100.0 | 100.0 | 100.0 | 100.0 |
| 52 | Compensation of employees $\qquad$ Indirect business tax and nontax | 56.8 | 57.5 | 57.6 | 57.0 |
| 53 | liability ................................ | 17.9 | 18.2 | 17.9 | 17.4 |
| 54 | Property-type income...................... | 25.3 | 24.3 | 24.5 | 25.6 |
| 55 | Finance, insurance, and real estate ...... . | 100.0 | 100.0 | 100.0 | 100.0 |
| 56 | Compensation of employees $\qquad$ Indirect business tax and nontax | 25.0 | 25.5 | 25.4 | 25.6 |
| 57 | liability ..................................... | 11.9 | 11.8 | 11.3 | 11.2 |
| 58 | Property-type income...................... | 63.1 | 62.8 | 63.3 | 63.2 |
| 59 | Services.......................................... | 100.0 | 100.0 | 100.0 | 100.0 |
| 60 | Compensation of employees $\qquad$ Indirect business tax and nontax | 72.2 | 72.4 | 74.6 | 73.9 |
| 61 | jiability.... | 3.0 | 3.0 | 3.0 | 3.0 |
| 62 | Property-type income ...................... | 24.8 | 24.6 | 22.5 | 23.2 |
| 63 | Government ............................................ | 100.0 | 100.0 | 100.0 | 100.0 |
| 64 | Compensation of employees .................. | 82.9 | 82.8 | 82.7 | 82.9 |
| 65 | Indirect business tax and nontax liability .... | 0.0 | 0.0 | 0.0 | 0.0 |
| 66 | Property-type income.............................. | 17.1 | 17.2 | 17.3 | 17.1 |

Table 5. Chain-Type Quantity Indexes for Gross Domestic Product by Indusiry, 1998-2001
[1996=100]

| Line |  | 1998 | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Gross domestic product. | 108.91 | 113.39 | 117.64 | 117.94 |
| 2 | Private industries | 110.27 | 115.58 | 120.10 | 120.56 |
| 3 | Private goods-producing industries. | 109.77 | 114.77 | 118.89 | 113.92 |
| 4 | Agriculture, forestry, and fishing.. | 111.51 | 118.50 | 127.82 | 125.64 |
| 5 | Farms ................................. | 108.77 | 117.23 | 130.69 | 124.00 |
| 6 | Agricultural services, forestry, and fishing | 116.15 | 120.77 | 124.39 | 128.31 |
| 7 | Mining | 105.92 | 101.45 | 90.14 | 94.44 |
| 8 | Metal mining | 131.82 | 153.95 | 136.63 | 163.81 |
| 9 | Coal mining | 106.74 | 120.96 | 106.14 | 124.66 |
| 10 | Oil and gas extraction | 103.79 | 95.22 | 81.90 | 84.71 |
| 11 | Nonmetallic minerals, except fuels | 109.75 | 108.24 | 123.42 | 124.81 |
| 12 | Construction. | 110.26 | 116.23 | 119.45 | 117.53 |
| 13 | Manufacturing | 109.75 | 115.03 | 120.47 | 113.24 |
| 14 | Durable goods | 119.30 | 126.84 | 139.52 | 132.29 |
| 15 | Lumber and wood products | 100.44 | 102.38 | 104.73 | 97.63 |
| 16 | Furniture and fixtures .......... | 110.67 | 114.59 | 116.59 | 107.92 |
| 17 | Stone, clay, and glass products........... | 110.37 | 112.72 | 112.10 | 102.10 |
| 18 | Primary metal industries ................... | 107.16 | 112.14 | 110.37 | 105.27 |
| 19 | Fabricated metal products ................. | 103.61 | 104.84 | 110.30 | 99.10 |
| 20 | Industrial machinery and equipment .... | 143.69 | 151.65 | 182.84 | 163.27 |
| 21 | Electronic and other electric equipment | 137.65 | 162.68 | 203.57 | 218.79 |
| 22 | Motor vehicles and equipment ............ | 121.02 | 124.71 | 127.16 | 117.63 |
| 23 | Other transporation equipment. | 110.15 | 120.02 | 117.63 | 120.59 |
| 24 | Instruments and related products......... Miscellaneous manufacturing | 91.24 | 88.54 | 94.82 | 85.70 |
| 25 | industries.. | 104.66 | 115.10 | 131.82 | 119.87 |
| 26 | Nondurable goods | 97.87 | 100.57 | 98.32 | 91.32 |
| 27 | Food and kindred products................. | 94.43 | 101.52 | 93.67 | 89.78 |
| 28 | Tobacco products............................ | 80.59 | 46.10 | 41.57 | 33.60 |
| 29 30 | Textile mill products | 95.25 93.60 | 90.81 | 81.56 | 81.74 |
| 31 | Paper and allied prod | 100.48 | 100.38 | 95.07 | 88.99 |
| 32 | Printing and publishing | 96.97 | 102.49 | 102.12 | 91.59 |
| 33 | Chemicals and allied products. | 101.02 | 104.53 | 105.99 | 102.72 |
| 34 | Petroleum and coal products Rubber and miscellaneous plastics | 87.59 | 116.75 | 99.16 | 81.45 |
| 35 | products. | 112.01 | 116.08 | 123.43 | 114.70 |
| 36 | Leather and leather products.............. | 91.72 | 76.71 | 86,38 | 73.98 |
| 37 | Private services-producing industries ........... | 111.81 | 117.41 | 123.80 | 125.96 |
| 38 | Transportation and public utilities. | 102.51 | 109.89 | 117.34 | 117.13 |
| 39 | Transportation.. | 105.97 | 110.35 | 116.06 | 111.06 |
| 40 | Railroad transportation. | 97.27 | 95.36 | 106.60 | 106.65 |
| 41 | Local and interurban passenger transit | '115.54 | 125.41 | 128.48 | 128.42 |
| 42 | Trucking and warehousing ................. | 103.69 | 108.80 | 112.27 | 107.88 |
| 43 | Water transportation........ | 108.03 | 98.39 | 110.20 | 109.19 |
| 44 | Transportation by air | 108.46 | 113.99 | 119.80 | 110.56 |
| 45 | Pipelines, except natural gas ............... | 111.33 | 114.89 | 112.27 | 105.37 |
| 46 | Transportation services.. | 107.94 | 115.86 | 125.74 | 121.19 |
| 47 | Communications ........... | 107.71 | 118.94 | 133.55 | 149.97 |
| 48 | Telephone and telegraph | 110.62 | 125.23 | 144.39 | 162.09 |
| 49 | Radio and television. | 99.17 | 101.45 | 105.27 | 118.33 |
| 50 | Electric, gas, and sanitary services.......... | 93.03 | 100.28 | 102.70 | 93.31 |
| 51 | Wholesale trade. | 125.25 | 133.80 | 141.65 | 141.37 |
| 52 | Retail trade. | 116.43 | 123.15 | 132.33 | 138.45 |
| 53 | Finance, insurance, and real estate | 112.90 | 117.50 | 124.83 | 128.31 |
| 54 | Depository institutions ........................ | 106.41 | 114.06 | 119.24 | 120.50 |
| 55 | Nondepository institutions ................... | 146.15 | 166.70 | 201.26 | 234.27 |
| 56 | Security and commodity brokers............ | 151.02 | 161.76 | 200.63 | 226.86 |
| 57 | Insurance carriers. | 109.48 | 107.84 | 118.31 | 114.48 |
| 58 | Insurance agents, brokers, and service | 106.01 | 111.70 | 106.15 | 109.43 |
| 59 | Real estate........................................ | 108.40 | 112.68 | 116.64 | 117.25 |
| 60 | Nonfarm housing services.................. | 103.45 | 107.57 | 110.43 | 110.85 |
| 61 | Other real estate.............. | 123.89 | 128.67 | 136.15 | 137.37 |
| 62 | Holding and other investment offices | 331.94 | 216.18 | 296.05 | 490.26 |
| 63 | Services ............................................. | 108.61 | 113.05 | 116.74 | 117.84 |
| 64 | Hotels and other lodging places ............. | 95.49 | 97.31 | 103.29 | 99.06 |
| 65 | Personal services ................... | 113.10 | 112.76 | 111.36 | 112.13 |
| 66 | Business services .............................. | 119.98 | 131.33 | 134.40 | 134.20 |
| 67 | Auto repair, services, and parking ........... | 109.63 | 119.43 | 123.82 | 127.74 |
| 68 | Miscellaneous repair services................ | 99.07 | 91.23 | 95.76 | 81.19 |
| 69 | Motion pictures ................................. | 114.62 | 115.75 | 113.32 | 119.92 |
| 70 | Amusement and recreation services........ | 111.59 | 109.04 | 109.04 | 107.41 |
| 71 | Heath services ................................... | 100.39 | 102.53 | 106.28 | 109.18 |
| 72 | Legal services................................... | 109.56 | 113.34 | 119.20 | 122.67 |
| 73 | Educational services ............................ | 105.32 | 107.57 | 110.38 | 114.63 |
| 74 | Social services.... | 105.26 | 108.38 | 112.76 | 117.40 |
| 75 | Membership organizations | 98.21 | 97.83 | 97.26 | 94.71 |
| 76 | Other services................. | 114.21 | 119.74 | 126.32 | 127.86 |
| 77 | Private households.............................. | 110.40 | 97.57 | 99.77 | 84.25 |
| 78 | Government | 102.64 | 103.99 | 106.71 | 108.54 |
| 79 | Federal. | 100.19 | 99.88 | 102.33 | 101.15 |
| 80 | General government............................... | 98.02 | 97.66 | 99.12 | 99.77 |
| 81 | Government enterprises .......................... | 112.00 | 111.95 | 120.20 | 108.32 |
| 82 | State and local. | 103.89 | 106.07 | 108.92 | 112.26 |
| 83 | General government | 104.18 | 106.00 | 108.50 | 111.40 |
| 84 | Government enterprises ........................... | 100.71 | 106.80 | 113.79 | 122.02 |

Table 5.A. Percent Changes in Chain-Type Quantity Indexes for Gross Domestic Product by Indusiry

| Line |  | 1999 | 2000 | 2001 | Average annual rate of change 1995-2000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Gross domestic product. | 4.1 | 3.8 | 0.3 | 4.0 |
| 2 | Private industries | 4.8 | 3.9 | 0.4 | 4.6 |
| 3 | Private goods-producing industries ................ | 4.6 | 3.6 | -4.2 | 4.1 |
| 4 | Agriculiure, forestry, and fishing................ | 6.3 | 7.9 | -1.7 | 6.2 |
| 5 | Farms ................................................ | 7.8 | 11.5 | -5.1 | 7.1 |
| 6 | Agricultural services, forestry, and tishing. | 4.0 | 3.0 | 3.1 | 4.8 |
| 7 | Mining | -4.2 | -11.2 | 4.8 | -2.0 |
| 8 | Metal mining | 16.8 | -11.3 | 19.9 | 7.6 |
| 9 | Coal mining. | 13.3 | -12.3 | 17.5 | 3.3 |
| 10 | Oil and gas extraction............................ | -8.3 | -14.0 | 3.4 | -4.5 |
| 11 | Nonmetallic minerals, except fuels............ | -1.4 | 14.0 | 1.1 | 6.1 |
| 12 | Construction., | 5.4 | 2.8 | -1.6 | 4.8 |
| 13 | Manufacturing | 4.8 | 4.7 | -6.0 | 4.3 |
| 14 | Ourable goods | 6.3 | 10.0 | -5.2 | 7.9 |
| 15 | Lumber and wood products ................. | 1.9 | 2.3 | $-6.8$ | 0.1 |
| 16 | Furniture and fixtures ......................... | 3.5 | 1.7 | -7.4 | 3.1 |
| 17 | Stone, clay, and glass products............ | 2.1 | -0.6 | -8.9 | 2.5 |
| 18 | Primary metal industries ..................... | 4.6 | -1.6 | -4.6 | 2.5 |
| 19 | Fabricated metal products. | 1.2 | 5.2 | -10.2 | 2.5 |
| 20 | Industrial machinery and equipment ...... | 5.5 | 20.6 | -10.7 | 14.8 |
| 21 | Electronic and other electric equipment.. | 18.2 | 25.1 | 7.5 | 19.4 |
| 22 | Motor vehicles and equipment............. | 3.0 | 2.0 | -7.5 | 2.6 |
| 23 | Other transportation equipment ........... | 9.0 | -2.0 | 2.5 | 4.1 |
| 24 | instruments and related products | -3.0 | 7.1 | -9.6 | -0.6 |
| 25 | Miscellaneous manufacturing industries | 10.0 | 14.5 | -9.1 | 6.1 |
| 26 | Nondurable goods................................ | 2.8 | -2.2 | -7.1 | -0.4 |
| 27 | Food and kindred products. | 7.5 | $-7.7$ | -4.1 | -3.6 |
| 28 | Tobacco products.............................. | -42.8 | -9.8 | $-19.2$ | -17.0 |
| 29 | Textile mill products. | -4.7 | 0.8 | -10.7 | -2.2 |
| 30 | Apparel and other textile products......... | -9.2 | 1.5 | -4.2 | -3.6 |
| 31 | Paper and allied products.................... | -0.1 | -5.3 | -6.4 | 0.4 |
| 32 | Printing and publishing ...................... | 5.7 | -0.4 | -10.3 | 0.2 |
| 33 | Chemicals and alsied products.............. | 3.5 | 1.4 | -3.1 | 1.9 |
| 34 | Petroleum and coal products Rubber and miscellaneous piastics | 33.3 | -15.1 | -17.9 | 2.2 |
| 35 | products.................................. | 3.6 | 6.3 | -7.1 | 5.5 |
| 36 | Leather and leather products................ | -16.4 | 12.6 | -14.4 | -7.3 |
| 37 | Private services-producing industries ............. | 5.0 | 5.4 | 1.7 | 5.3 |
| 38 | Transportation and public utilities .............. | 7.2 | 6.8 | -0.2 | 4.3 |
| 39 | Transportation ..................................... | 4.1 | 5.2 | -4.3 | 4.6 |
| 40 | Railroad transportation....................... | -2.0 | 11.8 | 0.0 | 1.9 |
| 41 | Local and interurban passenger transit .. | 8.5 | 2.4 | 0.0 | 5.5 |
| 42 | Trucking and warehousing .................. | 4.9 | 3.2 | -3.9 | 3.6 |
| 43 | Water transportation .......................... | -8.9 | 12.0 | -0.9 | 3.5 |
| 44 | Transportation by air .......................... | 5.1 | 5.1 | -7.7 | 6.2 |
| 45 | Pipelines, except natural gas .................. | 3.2 | -2.3 | -6.1 | 5.0 |
| 46 | Transportation services ....................... | 7.3 | 8.5 | -3.6 | 6.7 |
| 47 | Communications .................................. | 10.4 | 12.3 | 12.3 | 7.2 |
| 48 | Telephone and telegraph ..................... | 13.2 | 15.3 | 12.3 | 9.9 |
| 49 | Radio and television .......................... | 2.3 | 3.8 | 12.4 | -0.6 |
| 50 | Electric, gas, and sanitary services ............. | 7.8 | 2.4 | -9.1 | 0.6 |
| 51 | Wholesale trade . | 6.8 | 5.9 | -0.2 | 9.2 |
| 52 | Retail trade. | 5.8 | 7.5 | 4.6 | 7.2 |
| 53 | Finance, insurance, and real estate ............ | 4.1 | 6.2 | 2.8 | 5.2 |
| 54 | Depository institutions .............. | 7.2 | 4.5 | 1.1 | 3.5 |
| 55 | Nondepository institutions ..................... | 14.1 | 20.7 | 16.4 | 18.8 |
| 56 | Security and commodity brokers.............. | 7.1 | 24.0 | 13.1 | 23.2 |
| 57 | Insurance carriers............................... | -1.5 | 9.7 | -3.2 | 2.4 |
| 58 | Insurance agents, brokers, and service ...... | 5.4 | -5.0 | 3.1 | 0.8 |
| 59 | Real estate......................................... | 3.9 | 3.5 | 0.5 | 3.6 |
| 60 | Nontarm housing services............. | 4.0 | 2.7 | 0.4 | 2.2 |
| 61 | Other real estate............... | 3.9 | 5.8 | 0.9 | 7.6 |
| 62 | Holding and other investment offices | -34.9 | 36.9 | 65.6 | 6.8 |
| 63 | Services ............................................... | 4.1 | 3.3 | 0.9 | 3.9 |
| 64 | Hotels and other lodging places ............... | 1.9 | 6.1 | -4.1 | 1.8 |
| 65 | Personal services ................................. | -0.3 | -1.2 | 0.7 | 1.9 |
| 66 | Business services ................................ | 9.5 | 2.3 | -0.1 | 7.9 |
| 67 | Auto repair, services, and parking ............. | 8.9 | 3.7 | 3.2 | 5.2 |
| 68 | Miscellaneous repair services................... | -7.9 | 5.0 | -15.2 | -1.4 |
| 69 | Motion pictures ................................... | 1.0 | -2.1 | 5.8 | 3.4 |
| 70 | Amusement and recreation services.......... | -2.3 | 0.0 | -1.5 | 2.7 |
| 71 | Health services .................................... | 2.1 | 3.7 | 2.7 | 1.9 |
| 72 | Legal services..................................... | 3.4 | 5.2 | 2.9 | 2.1 |
| 73 | Educational services .............................. | 2.1 | 2.6 | 3.9 | 1.8 |
| 74 | Social services..................................... | 3.0 | 4.0 | 4.1 | 2.6 |
| 75 | Membership organizations ...................... | -0.4 | -0.6 | -2.6 | -0.5 |
| 76 | Other services...................................... | 4.8 | 5.5 | 1.2 | 5.7 |
| 77 | Private households ................................ | -11.6 | 2.2 | -15.6 | -0.4 |
| 78 | Government | 1.3 | 2.6 | 1.7 | 1.4 |
| 79 | Federal.................................................... | -0.3 | 2.5 | -1.2 | 0.0 |
| 80 | General government................................. | -0.4 | 1.5 | 0.7 | -0.7 |
| 81 | Government enterprises ............................ | 0.0 | 7.4 | -9.9 | 3.6 |
| 82 | State and local........................................... | 2.1 | 2.7 | 3.1 | 2.0 |
| 83 | Generai government ................................ | 1.7 | 2.4 | 2.7 | 1.9 |
| 84 | Government enterprises ............................. | 6.0 | 6.5 | 7.2 | 3.2 |

Table 6. Real Gross Domestic Product by Industry, 1998-2001
[Billions of chained (1996) dollars]

| Line |  | 1998 | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Gross domestic product. | 8,508.9 | 8,859.0 | 9,191.4 | 9,214.5 |
| 2 | Private industries | 7,490.6 | 7,851.0 | 8,157.8 | 8,189.4 |
| 3 | Privale goods-producing industries .............. | 2,059.2 | 2,153.0 | 2,230.3 | 2,137.0 |
| 4 | Agriculture, forestry, and fishing.............. | 145.5 | 154.6 | 166.7 | 163.9 |
| 5 | Farms $\qquad$ Agricultural services, forestry, and | 100.3 | 108.1 | 120.5 | 114.3 |
| 6 | Aishing ............................. | 44.4 | 46.2 | 47.6 | 49.1 |
| 7 | Mining | 119.7 | 114.7 | 101.9 | 106.8 |
| 8 | Metal mining | 7.7 | 9.0 | 8.0 | 9.6 |
| 9 | Coal mining. | 11.9 | 13.5 | 11.9 | 13.9 |
| 10 | Oil and gas extraction .......................... | 89.4 | 82.0 | 70.5 | 72.9 |
| 11 | Nonmetallic minerals, except fuels | 10.9 | 10.7 | 12.2 | 12.4 |
| 12 | Construction. | 348.9 | 367.8 | 378.0 | 371.9 |
| 13 | Manufacluring. | 1,444.3 | 1,513.9 | 1,585.4 | 1,490.3 |
| 14 | Durable goods. | 892.9 | 949.3 | 1,044.3 | 990.1 |
| 15 | Lumber and wood products | 40.1 | 40.9 | 41.8 | 39.0 |
| 16 | Furniture and fixtures ..... | 22.9 | 23.7 | 24.1 | 22.4 |
| 17 | Stone, clay, and glass products | 36.6 | 37.4 | 37.2 | 33.9 |
| 18 | Primary metal industries ....... | 54.5 | 57.0 | 56.1 | 53.5 |
| 19 | Fabricated metal products. | 96.5 | 97.7 | 102.7 | 92.3 |
| 20 | Industrial machinery and equipment .... | 195.8 | 206.7 | 249.2 | 222.5 |
| 21 | Electronic and other electric equipment | 210.8 | 249.2 | 311.8 | 335.2 |
| 22 | Motor vehicles and equipment ............ | 111.6 | 115.0 | 117.3 | 108.5 |
| 23 | Other transportation equipment.......... | 56.7 | 61.7 | 60.5 | 62.0 |
| 24 | Instruments and reiated products......... Miscellaneous manufacturing | 49.0 | 47.6 | 51.0 | 46.1 |
| 25 | industries........................ | 24.9 | 27.4 | 31.3 | 28.5 |
| 26 | Nondurable goods | 555.5 | 570.8 | 558.0 | 518.3 |
| 27 | Food and kindred product | 112.1 | 120.5 | 111.2 | 106.5 |
| 28 | Tobacco products............................ | 11.9 | 6.8 | 6.2 | 5.0 |
| 29 | Textile mill products. | 24.1 | 23.0 | 23.2 | 20.7 |
| 30 | Apparel and other textile products | 25.2 | 22.9 | 23.3 | 22.3 |
| 31 | Paper and allied products.................. | 56.2 | 56.1 | 53.1 | 49.7 |
| 32 | Printing and publishing .................... | 85.6 | 90.4 | 90.1 | 80.8 |
| 33 | Chemicals and allied products............ | 155.2 | 160.6 | 162.8 | 157.8 |
| 34 | Petroleum and coal products Rubber and miscellaneous plastics | 26.4 | 35.3 | 29.9 | 24.6 |
| 35 | products. | 55.6 | 57.6 | 61.3 | 57.0 |
| 36 | Leather and leather products.............. | 3.8 | 3.2 | 3.6 | 3.1 |
| 37 | Private services-producing industries ........... | 5,461.0 | 5,734.3 | 6,046.4 | 6,152.1 |
| 38 | Transportalion and public utijities. | 683.1 | 732.2 | 781.9 | 780.5 |
| 39 | Transportation.. | 257.9 | 268.6 | 282.5 | 270.3 |
| 40 | Railroad transportation. | 22.8 | 22.4 | 25.0 | 25.0 |
| 41 | Local and interurban passenger transit | 15.5 | 16.8 | 17.2 | 17.2 |
| 42 | Trucking and warehousing ................. | 95.5 | 100.2 | 103.4 | 99.3 |
| 43 | Water transportation........................ | 13.2 | 12.0 | 13.4 | 13.3 |
| 44 | Transportation by air ................................ | 76.8 | 80.7 | 84.8 | 78.3 |
| 45 | Pipelines, except natural gas .............. | 6.4 | 6.6 | 6.4 | 6.0 |
| 46 | Transportation services ..................... | 27.8 | 29.8 | 32.4 | 31.2 |
| 47 | Communications ................................ | 231.2 | 255.3 | 286.7 | 321.9 |
| 48 | Telephone and telegraph ................... | 181.3 | 205.3 | 236.7 | 265.7 |
| 49 | Radio and television ......................... | 50.3 | 51.5 | 53.4 | 60.0 |
| 50 | Electric, gas, and sanitary services ..........' | 193.7 | 208.8 | 213.9 | 194.3 |
| 51 | Wholesale trade | 663.3 | 708.6 | 750.2 | 748.7 |
| 52 | Retail trade.. | 800.0 | 846.2 | 909.2 | 951.2 |
| 53 | Finance, insurance, and real estate .......... | 1,622.1 | 1,688.3 | 1,793.5 | 1,843.5 |
| 54 | Depository institutions ........................ | 256.5 | 274.9 | 287.4 | 290.4 |
| 55 | Nondepository institutions .................... | 57.3 | 65.4 | 79.0 | 91.9 |
| 56 | Security and commodity brokers............ | 163.2 | 174.8 | 216.8 | 245.1 |
| 57 | Insurance carriers............................. | 135.1 | 133.0 | 146.0 | 141.2 |
| 58 | Insurance agents, brokers, and service .... | 51.8 | 54.6 | 51.9 | 53.5 |
| 59 | Real estate....................................... | 944.9 | 982.1 | 1,016.7 | 1,022.0 |
| 60 | Nonfarm housing services.................. | 677.2 | 704.1 | 722.9 | 725.6 |
| 61 | Other real estate............ | 268.9 | 279.3 | 295.5 | 298.2 |
| 62 | Holding and other investment offices | 15.4 | 10.0 | 13.7 | 22.7 |
| 63 | Services. | 1,699.0 | 1,768.4 | 1,826.0 | 1,843.3 |
| 64 | Hotels and other lodging places .............. | 63.3 | 64.5 | 68.4 | 65.6 |
| 65 | Personal services .................... | 53.7 | 53.6 | 52.9 | 53.3 |
| 66 | Business services............................... | 410.7 | 449.6 | 460.1 | 459.4 |
| 67 | Auto repair, services, and parking ........... | 75.1 | 81.8 | 84.8 | 87.5 |
| 68 | Miscellaneous repair services................ | 21.6 | 19.9 | 20.9 | 17.7 |
| 69 | Motion pictures .............................. | 28.2 | 28.5 | 27.9 | 29.5 |
| 70 | Amusement and recreation services........ | 65.1 | 63.6 | 63.6 | 62.6 |
| 71 | Health services :............................ | 460.9 | 470.7 | 487.9 | 501.2 |
| 72 | Legal services........................................ | 107.3 | 111.0 | 116.8 | 120.2 |
| 73 | Ediscational services...................................................... | 61.1 | 62.4 | 64.1 | 66.5 |
| 74 | Social services.................................. | 52.3 | 53.9 | 56.0 | 58.4 |
| 75 | Membership organizations .................... | 48.3 | 48.1 | 47.8 | 46.6 |
| 76 | Other services.................................... | 238.6 | 250.2 | 263.9 | 267.1 |
| 77 | Private households ....... | 13.3 | 15.7 | 12.0 | 10.1 |
| 78 | Statistical discrepancy ${ }^{\text {²,........................... }}$ | -30.1 | -37.3 | -121.3 | -108.3 |
| 79 | Government. | 1,047.3 | 1,061.1 | 1,088.8 | 1,107.5 |
| 80 | Federal. | 347.6 | 346.5 | 355.0 | 350.9 |
| 81 | General government | 286.2 | 285.2 | 289.4 | 291.3 |
| 82 | Government enterprises ........................... | 61.5 | 61.4 | 66.0 | 59.4 |
| 83 | State and local......................................... | 699.7 | 714.4 | 733.6 | 756.1 |
| 84 | General government ............................... | 642.5 | 653.7 | 669.0 | 687.0 |
| 85 | Government enterprises .......................... | 57.3 | 60.7 | 64.7 | 69.4 |
| 86 | Not allocated by industry ${ }^{2}$............................. | -48.9 | -97.1 | -159.1 | -204.4 |

1. Equals the current-doliar statistical discrepancy deflated by the implicit price dellator for gross domestic business product.
2. Equals oross domestic product (GOP) less the statisticai discrepancy and the sum of GDP by industry of
the detailed industries. The value of not allocated by industry reflects the nonadilitivy of chained-dollar estimates and the differences in source data used to estimate real GDP by industry and the expenditures measure of real GDP.

Table 7. Chain-Type Price Indexes for Gross Domestic Product by Industry, 1998-2001
[1996=100]

| Line |  | 1998 | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Gross domestic product. | 103.20 | 104.69 | 106.89 | 109.42 |
| 2 | Private industries | 102.50 | 103.46 | 105.51 | 107.47 |
| 3 | Private goods-producing industries. | 99.10 | 99.33 | 108.83 | 102.14 |
| 4 | Agriculture, forestry, and fishing. | 88.00 | 82.62 | 80.54 | 85.82 |
|  | Farms .................................. | 80.35 | 69.57 | 64.58 | 70.50 |
| 6 | Agricultural services, forestry, and fishing | 106.76 | 113.72 | 118.67 | 122.36 |
| 7 | Mining | 83.73 | 90.82 | 130.62 | 130.24 |
| 8 | Metal mining | 69.73 | 61.85 | 65.29 | 59.16 |
| 9 | Coal mining | 89.81 | 79.67 | 77.52 | 75.30 |
| 10 | Oil and gas extraction | 81.51 | 93.18 | 150.94 | 151.26 |
| 11 | Nonmetallic minerals, except fuels | 104.04 | 106.43 | 99.94 | 101.54 |
| 12 | Construction. | 109.15 | 115.68 | 122.05 | 129.07 |
| 13 | Manufacturing | 99.11 | 97.85 | 95.89 | 95.49 |
| 14 | Durable goods | 93.03 | 89.94 | 84.88 | 82.09 |
| 15 | Lumber and wood products ............... | 104.49 | 107.83 | 100.73 | 100.58 |
| 16 | Furniture and fixtures ....................... | 106.06 | 108.88 | 108.01 | 111.95 |
| 17 | Store, clay, and glass products... | 105.73 | 110.84 | 109.10 | 108.41 |
| 18 | Primary metal industries ................... | 97.50 | 88.51 | 89.44 | 84.34 |
| 19 | Fabricated metal products .................. | 105.34 | 109.50 | 106.72 | 109.16 |
| 20 | Industrial machinery and equipment.... | 80.97 | 73.70 | 69.48 | 66.60 |
| 21 | Electronic and other electric equipment | 75.48 | 64.68 | 51.95 | 42.69 |
| 22 | Motor vehicles and equipment ........... | 99.90 | 103:83 | 102.65 | 102.70 |
| 23 | Other transportation equipment | 103.02 | 105.42 | 109.48 | 115.14 |
| 24 | Instruments and related products ........ Miscellaneous manufacturing | 117.33 | 122.24 | 124.66 | 133.84 |
| 25 | industries ........................ | 103.94 | 105.58 | 103.79 | 105.95 |
| 26 | Nondurable goods | 108.15 | 109.94 | 113.59 | 117.73 |
| 27 | Food and kindred products. | 108.72 | 113.40 | 114.23 | 116.09 |
| 28 | Tobacco products.. | 145.23 | 283.88 | 343.43 | 424.20 |
| 29 | Textile mill products | 106.73 | 108.16 | 102.54 | 106.57 |
| 30 | Apparel and other textile products | 103.05 | 107.66 | 106.21 | 104.49 |
| 31 | Paper and allied products. | 99.22 | 101.18 | 113.26 | 112.48 |
| 32 | Printing and publishing.. | . 111.71 | 116.51 | 118.17 | 123.97 |
| 33 | Chemicals and allied products. | -106.15. | 104.14 | 103.79 | 103.57 |
| 34 | Petroleum and coal products. Rubber and miscellaneous plastics | 124.44 | 86.33 | 128.73 | 165.09 |
| 35 | products .............................. | 102.18 | 101.89 | 96.78 | 99.28 |
| 36 | Leather and leather products.............. | 105.77 | 106.41 | 102.36 | 105.60 |
| 37 | Private services-producing industries ........... | 103.80 | 105.04 | 107.28 | 109.48 |
| 38 | Transportation and public utilities. | 107.17 | 105.18 | 103.50 | 105.00 |
| 39 | Transportation... | 111.92 | 112.40 | 111.03 | 113.23 |
| 40 | Railroad transportation | 106.44 | 103.42 | 99.17 | 103.01 |
| 41 | Local and interurban passenger transit | 108.45 | 106.38 | 105.91 | 110.85 |
| 42 | Trucking and warehousing ................. | 119.47 | 121.12 | 119.24 | 126.79 |
| 43 | Water transportation.. | 103.58 | 111.62 | 112.02 | 118.08 |
| 44 | Transportation by air. | 111.67 | 111.47 | 108.38 | 102.47 |
| 45 | Pipelines, except natural gas . | 95.88 | 95.08 | 98.30 | 107.40 |
| 46 | Transportation services ....... | 100.82 | 100.34 | 105.25 | 105.36 |
| 47 | Communications............. | 103.15 | 100.74 | 97.36 | 90.53 |
| 48 | Telephone and telegraph | 98.95 | 94.33 | 87.87 | 82.24 |
| 49 | Radio and television. | 117.40 | 123.49 | 133.15 | 121.46 |
| 50 | Electric, gas, and sanitary services | 105.73 | 101.04 | 101.21 | 114.21 |
| 51 | Wholesale trade | 91.65 | 91.08 | 92.89 | 90.92 |
| 52 | Retail trade. | 98.80 | 98.29 | 97.59 | 97.95 |
| 53 | Finance, insurance, and real estate | 105.32 | 106.55 | 110.22 | 112.66 |
| 54 | Depository institutions ........................ | 116.99 | 120.15 | 125.65 | 123.89 |
| 55 | Nondepository institutions ................... | 92.15 | 88.30 | 88.04 | 96.61 |
| 56 | Security and commodity brokers............. | 88.21 | 73.33 | 69.56 | 71.40 |
| 57 | insurance carriers...... | 111.22 | 115.57 | 124.94 | 120.41 |
| 58 | Insurance agents, brokers, and service .... | 108.95 | 112.73 | 118.65 | 124.38 |
| 59 | Real estate... | 103.89 | 106.96 | 110.53 | 114.65 |
| 60 | Nontarm housing services. | 106.13 | 108.92 | 112.25 | 116.46 |
| 61 | Other real estate.............. | 97.77 | 101.52 | 105.68 | 109.54 |
| 62 | Holding and other investment offices | 152.21 | 168.00 | 201.61 | 198.26 |
| 63 | Services .............................................. | 107.71 | 111.81 | 115.90 | 120.80 |
| 64 | Hotels and other lodging places .............. | 116.19 | 124.12 | 127.70 | 134.75 |
| 65 | Personal services ............................... | 106.08 | 109.13 | 112.14 | 117.64 |
| 66 | Business services. | 107.07 | 111.43 | 116.16 | 118.43 |
| 67 | Auto repair, services, and parking ........... | 107.93 | 109.04 | 111.97 | 113.79 |
| 68 | Miscellaneous repair services................. | 112.88 | 124.84 | 132.26 | 151.94 |
| 69 | Motion pictures................................. | 103.14 | 109.36 | 116.25 | 119.99 |
| 70 | Amusement and recreation services......... | 107.79 | 114.17 | 120.45 | 126.69 |
| 71 | Health services ................................... | 106.55 | 109.50 | 112.40 | 117.67 |
| 72 | Legal services.................................... | 108.71 | 111.36 | 115.11 | 121.13 |
| 73 | Educational services ............................ | 110.50 | 115.79 | 121.55 | 126.92 |
| 74 | Social services........ | 110.18 | 114.83 | 120.75 | 127.98 |
| 75 | Membership organizations .................... | 111.00 | 120.58 | 128.40 | 135.39 |
| 76 | Other services ................................... | 106.65 | 110.34 | 113.79 | 120.07 |
| 77 | Private households ............................. | 105.44 | 108.49 | 113.22 | 117.43 |
| 78 | Government | 105.35 | 108.51 | 111.83 | 115.69 |
| 79 | Federal. | 103.55 | 106.74 | 109.73 | 112.92 |
| 80 | General government.................................. | 104.30 | 107.85 | 111.74 | 114.23 |
| 81 | Government enterprises ........................... | 99:79 | 101.30 | 100.25 | 106.65 |
| 82 | State and local......................................... | 106.25 | 109.40 | 112.89 | 117.07 |
| 83 | General government................................. . | 106.04 | 109.52 | 113.41 | 117.47 |
| 84 | Government enterprises ......................... | 108.65 | 108.05 | 107.31 | 112.64 |

Table 7.A. Percent Changes in Chain-Type Price Indexes for Gross Domestic Product by Industry

| Line |  | 1999 | 2000 | 2001 | Average annual rate of change 1995-2000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Gross domestic product. | 1.4 | 2.1 | 2.4 | 1.7 |
| 2 | Private industries | 0.9 | 2.0 | 1.9 | 1.4 |
| 3 | Private goods-producing industries .............. | 0.2 | 1.5 | 1.3 | 0.6 |
| 4 | Agriculture, forestry, and fishing............... | -6.1 | -2.5 | 6.6 | -2.0 |
| 5 | Farms .............................................. | -13.4 | -7.2 | 9.2 | -5.5 |
| 6 | Agriculturai services, forestry, and fishing | 6.5 | 4.3 | 3.1 | 4.0 |
| 7 | Mining. | 8.5 | 43.8 | -0.3 | 9.1 |
| 8 | Metal mining.................................................................... | -11.3 | 5.6 | -9.4 | -11.2 |
| 9 | Coal mining......................................... | -11.3 | -2.7 | -2.9 | $-6.1$ |
| 10 | Oif and gas extraction ......................... | 14.3 | 62.0 | 0.2 | 14.1 |
| 11 | Nonmetallic minerals, except fuels .......... | 2.3 | -6.1 | 1.6 | -0.1 |
| 12 | Construction.. | 6.0 | 5.5 | 5.8 | 4.7 |
| 13 | Manufacturing. | -1.3 | -2.0 | -0.4 | -0.9 |
| 14 | Durable goods ................................... | -3.3 | $-5.6$ | -3.3 | -3.6 |
| 15 | Lumber and wood products ................ | 3.2 | -6.6 | -0.2 | -0.2 |
| 16 | Furniture and fixtures ....................... | 2.7 | $-0.8$ | 3.6 | 2.8 |
| 17 | Stone, clay, and glass products........... | 4.8 | -1.6 | -0.6 | 2.0 |
| 18 | Primary metal industries ................... | -9.2 | 1.1 | -5.7 | -3.5 |
| 19 | Fabricated metal products ................. | 3.9 | -2.5 | 2.3 | 2.1 |
| 20 | Industrial machinery and equipment .... | -9.0 | $-5.7$ | -4.1 | -8.2 |
| 21 | Electronic and other electric equipment | -14.3 | -19.7 | -17.8 | -14.6 |
| 22 | Motor vehicies and equipment............ | 3.9 | -1.1 | 0.1 | 1.5 |
| 23 | Other transportation equipment.......... | 2.3 | 3.8 | 5.2 | 2.6 |
| 24 | Instruments and related products......... Miscellaneous manufacturing | 4.2 | 2.0 | 7.4 | 6.8 |
| 25 | industries................................... | 1.6 | -1.7 | 2.1 | 1.3 |
| 26 | Nondurable goods. | 1.7 | 3.3 | 3.6 | 3.0 |
| 27 | Food and kindred products................ | 4.3 | 0.7 | 1.6 | 4.7 |
| 28 | Tobacco products........................... | 95.5 | 21.0 | 23.5 | 29.0 |
| 29 | Textile mill products ........................ | 1.3 | -5.2 | 3.9 | 1.4 |
| 30 | Apparel and other textile products....... | 4.5 | -1.3 | -1.6 | 1.8 |
| 31 | Paper and allied products.................. | 2.0 | 11.9 | -0.7 | 0.1 |
| 32 | Printing and publishing .................... | 4.3 | 1.4 | 4.9 | 5.5 |
| 33 | Chemicals and allied products ............. | -1.9 | -0.3 | -0.2 | 0.4 |
| 34 | Petroleum and coal products $\qquad$ Rubber and miscellaneous plastics | -30.6 | 49.1 | 28.2 | 3.6 |
| 35 | products................................ | -0.3 | -5.0 | 2.6 | -0.3 |
| 36 | Leather and leather products.............. | 0.6 | -3.8 | 3.2 | 0.5 |
| 37 | Private services-producing industries ........... | 1.2 | 2.1 | 2.1 | 1.7 |
| 38 | Transportation and public utilities............ | -1.9 | -1.6 | 1.4 | 0.4 |
| 39 | Transportation................................... | 0.4 | -1.2 | 2.0 | 1.4 |
| 40 | Railroad transportation..................... | -2.8 | -4.1 | 3.9 | -0.9 |
| 41 | Local and interurban passenger transit | -1.9 | -0.4 | 4.7 | 2.3 |
| 42 | Trucking and warehousing ................. | 1.4 | -1.5 | 6.3 | 3.0 |
| 43 | Water transportation......................... | 7.8 | 0.4 | 5.4 | 1.7 |
| 44 | Transportation by air....................... | -0.2 | -2.8 | -5.5 | 0.2 |
| 45 | Pipelines, except natural gas .............. | -0.8 | 3.4 | 9.3 | -2.1 |
| 46 | Transportation services ..................... | -0.5 | 4.9 | 0.1 | 0.9 |
| 47 | Communications ................................ | -2.3 | -3.4 | -7.0 | -0.5 |
| 48 | Telephone and telegraph .................... | -4.7 | -6.8 | -6.4 | -3.1 |
| 49 | Radio and television ......................... | 5.2 | 7.8 | -8.8 | 7.7 |
| 50 | Electric, gas, and sanitary services .......... | -4.4 | 0.2 | 12.8 | 0.3 |
| 51 | Wholesaie trade .................................... | -0.6 | 2.0 | -2.1 | -2.2 |
| 52 | Retail trade... | -0.5 | -0.7 | 0.4 | -0.7 |
| 53 | Finance, insurance, and real estate .......... | 1.2 | 3.4 | 2.2 | 2.6 |
| 54 | Depository institutions ......................... | 2.7 | 4.6 | -1.4 | 6.0 |
| 55 | Nondepository institutions .................... | -4.2 | -0.3 | 9.7 | -2.9 |
| 56 | Security and commodity brokers............. | -16.9 | -5.1 | 2.6 | $-7.3$ |
| 57 | Insurance carriers............................... | 3.9 | 8.1 | -3.6 | 6.2 |
| 58 | insurance agents, brokers, and service .... | 3.5 | 5.3 | 4.8 | 4.6 |
| 59 | Real estate....................................... | 3.0 | 3.3 | 3.7 | 2.5 |
| 60 | Nonfarm housing services................... | 2.6 | 3.1 | 3.8 | 3.0 |
| 61 | Other real estate ............................. | 3.8 | 4.1 | 3.7 | 1.2 |
| 62 | Holding and other investment offices | 10.4 | 20.0 | -1.7 | 19.9 |
| 63 | Services ............................................. | 3.8 | 3.7 | 4.2 | 3.7 |
| 64 | Hotels and other lodging places ............. | 6.8 | 2.9 | 5.5 | 5.3 |
| 65 | Personal services ............................... | 2.9 | 2.8 | 4.9 | 2.9 |
| 66 | Business services............................. | 4.1 | 4.2 | 2.0 | 3.8 |
| 67 | Auto repair, services, and parking ........... | 1.0 | 2.7 | 1.6 | 2.5 |
| 68 | Miscellaneous repair sevices................. | 10.6 | 5.9 | 14.9 | 7.5 |
| 69 | Motion pictures,................................ | 6.0 | 6.3 | 3.2 | 4.2 |
| 70 | Amusement and recreation services........ | 5.9 | 5.5 | 5.2 | 4.6 |
| 71 | Health services ................................... | 2.8 | 2.6 | 4.7 | 2.9 |
| 72 | Legal services.. | 2.4 | 3.4 | 5.2 | 3.7 |
| 73 | Educational services ............................ | 4.8 | 5.0 | 4.4 | 5.0 |
| 74 | Social services................................... | 4.2 | 5.2 | 6.0 | 4.7 |
| 75 | Membership organizations .................... | 8.6 | 6.5 | 5.4 | 6.1 |
| 76 | Other services................................... | 3.5 | 3.1 | 5.5 | 3.2 |
| 77 | Private households .............................. | 2.9 | 4.4 | 3.7 | 3.1 |
| 78 | Goverament ............................................... | 3.0 | 3.1 | 3.5 | 2.8 |
| 79 | Federal.................................................. | 3.1 | 2.8 | 2.9 | 2.6 |
| 80 | General government............................... | 3.4 | 3.6 | 2.2 | 3.1 |
| 81 | Government enterprises .......................... | 1.5 | -1.0 | 6.4 | -0.0 |
| 82 | Slate and local......................................... | 3.0 | 3.2 | 3.7 | 2.9 |
| 83 | General government................................ | 3.3 | 3.5 | 3.6 | 3.0 |
| 84 | Government enterprises .......................... | -0.6 | -0.7 | 5.0 | 1.9 |

Table 8. Gross Output by Industry, 1998-2001
[Billions of dollars]

| Line |  | 1998 | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | All industries | 15,141.6 | 16,003.3 | 17,183.9 | 17,311.2 |
| 2 | Private industries | 13,955.9 | 14,764.9 | 15,876.8 | 15,936.3 |
| 3 | Privale goods-producing industries........... | 5,021.6 | 5,228.6 | 5,530.8 | 5,242.5 |
| 4 | Agriculture, forestry, and fishing........... | 279.1 | 278.6 | 290.6 | 302.8 |
| 5 | Farms <br> Agricultural services, forestry, and | 214.6 | 207.5 | 214.3 | 221.3 |
| 6 | Agricultural services, forestry, and fishing | 64.4 | 71.1 | 76.3 | 81.4 |
| 7 | Mining. | 165.5 | 171.5 | 244.3 | 251.9 |
| 8 | Metal mining | 10.9 | 9.5 | 10.0 | 9.1 |
| 9 | Coal mining | 26.9 | 25.3 | 24.9 | 26.0 |
| 10 | Oil and gas extraction | 109.1 | 117.5 | 190.6 | 197.5 |
| 11 | Nonmetallic minerals, except fuels ...... | 18.5 | 19.2 | 18.9 | 19.3 |
| 12 | Construction. | 633.8 | 690.0 | 731.6 | 748.3 |
| 13 | Manufacturing | 3,943.3 | 4,088.5 | 4,264.3 | 3,939.5 |
| 14 | Durable goods. | 2,188.1 | 2,289.9 | 2,332.3 | 2,070.8 |
| 15 | Lumber and wood products. | 113.6 | 121.9 | 116.9 | 108.5 |
| 16 | Furniture and fixtures ..................... | 64.9 | 68.2 | 70.0 | 62.3 |
| 17 | Stone, clay, and glass products | 91.7 | 95.0 | 95.7 | 87.6 |
| 18 | Primary metal industries .... | 187.3 | 177.6 | 178.6 | 147.6 |
| 19 | Fabricated metal products | 236.4 | 238.8 | 247.1 | 229.8 |
| 20 | Industrial machinery and equipment Electronic and other electric | 399.4 | 397.9 | 415.3 | 355.6 |
| 21 | equipment | 340.3 | 371.0 | 417.3 | 324.0 |
| 22 | Motor vehicles and equipment........ | 369.8 | 423.7 | 396.2 | 353.2 |
| 23 | Other transportation equipment ....... | 174.7 | 178.8 | 168.0 | 175.4 |
| 24 | Instruments and related products .... Misceilaneous manufacturing | 157.6 | 162.2 | 170.1 | 172.3 |
| 25 | industries. | 52.3 | 54.5 | 57.0 | 54.3 |
| 26 | Nondurable goods | 1,755.2 | 1,798.7 | 1,932.0 | 1,868.7 |
| 27 | Food and kindred products | 478.9 | 476.4 | 485.0 | 503.2 |
| 28 | Tobacco products... | 45.2 | 50.4 | 56.0 | 57.5 |
| 29 | Texties mill products. | 80.3 | 75.9 | 73.6 | 66.2 |
| 30 | Apparel and other textile products | 76.2 | 77.7 | 75.4 | 70.4 |
| 31 | Paper and allied products............. | 162.0 | 164.2 | 173.4 | 160.4 |
| 32 | Printing and publishing ................. | 213.8 | 221.4 | 229.8 | 217.0 |
| 33 | Chemicals and allied products......... | 392.8 | 396.6 | 425.1 | 403.4 |
| 34 | Petroleum and coal products. Rubber and miscellaneous plastics | 134.9 | 158.4 | 228.0 | 211.8 |
| 35 | products. | 162.5 | 169.4 | 177.3 | 171.3 |
| 36 | Leather and leather products. | 8.7 | 8.3 | 8.4 | 7.6 |
| 37 | Private services-producing industries | 8,934.3 | 9,536.2 | 10,346.0 | 10,693.8 |
| 38 | Transportation and public utilities.. | 1,306.5 | 1,389.9 | 1,547.1 | 1,594.8 |
| 39 | Transportation................................ | 541.8 | 575.2 | 619.0 | 603.0 |
| 40 | Railroad transportation $\qquad$ Local and interurban passenger | 42.0 | 42.0 | 42.7 | 42.9 |
| 41 | transit..... | 27.1 | 27.7 | 28.7 | 29.7 |
| 42 | Trucking and warehousing | 246.1 | 265.7 | 283.2 | 284.4 |
| 43 | Water transportation.. | 38.8 | 41.2 | 47.9 | 45.4 |
| 44 | Transportation by air ..................... | 134.9 | 142.0 | 156.6 | 140.8 |
| 45 | Pipelines, except natural g | 7.4 | 7.8 | 7.9 | 8.1 |
| 46 | Transportation services.. | 45.5 | 48.8 | 52.0 | 51.8 |
| 47 | Communications ............. | 422.3 | 476.9 | 532.3 | 566.5 |
| 48 | Telephone and telegraph | 327.4 | 371.2 | 413.6 | 445.3 |
| 49 | Radio and television ..................... | 94.9 | 105.7 | 118.7 | 121.2 |
| 50 | Electric, gas, and sanitary services | 342.4 | 337.8 | 395.8 | 425.3 |
| 51 | Wholesale trade. | 844.3 | 903.3 | 964.6 | 943.3 |
| 52 | Retail trade. | 1,184.2 | 1,275.0 | 1,360.7 | 1,403.9 |
| 53 | Finance, insurance, and real estate ....... | 2,637.3 | 2,778.8 | 3,011.3 | 3,106.0 |
| 54 | Depository institutions ...................... | 413.7 | 439.5 | 476.1 | 482.4 |
| 55 | Nondepository institutions .-............... | 134.4 | 151.5 | 164.7 | 167.4 |
| 56 | Security and commodity brokers......... | 255.5 | 273.0 | 330.7 | 274.6 |
| 57 | Insurance carriers.........................- | 288.3 | 291.2 | 296.7 | 308.6 |
| 58 | Insurance agents, brokers, and service | 91.2 | 99.0 | 106.6 | 103.4 |
| 59 | Real estate..................................... | 1.408.5 | 1,483.8 | 1,581.3 | 1,698.2 |
| 60 | Nontarm housing services.............. | 832.1 | 882.5 | 926.4 | 982.0 |
| 61 | Other real estate ...................... | 576.4 | 601.2 | 654.9 | 716.1 |
| 62 | Holding and other investment offices | 45.7 | 40.7 | 55.2 | 71.4 |
| 63 | Services .......................................... | 2,962.0 | 3,189.3 | 3,462.3 | 3,645.9 |
| 64 | Hotels and other lodging places .......... | 121.9 | 131.1 | 144.6 | 138.8 |
| 65 | Personal services. | 94.5 | 100.5 | 106.6 | 110.2 |
| 66 | Business services.. | 676.9 | 759.9 | 844.4 | 869.3 |
| 67 | Auto repair, services, and parking . | 140.2 | 148.6 | 157.2 | 163.3 |
| 68 | Misceilaneous repair services....... | 51.8 | 53.9 | 56.7 | 58.8 |
| 69 | Motion pictures .............................. | 63.6 | 69.6 | 74.6 | 76.5 |
| 70 | Amusement and recreation services..... | 127.9 | 136.4 | 144.8 | 149.5 |
| 71 | Health services ................................ | 762.2 | 794.1 | 839.4 | 911.3 |
| 72 | Legal services................................. | 153.0 | 162.6 | 170.1 | 183.6 |
| 73 | Educational services ......................... | 117.3 | 125.5 | 132.9 | 140.3 |
| 74 | Social services.............................. | 111.3 | 122.2 | 138.3 | 152.1 |
| 75 | Membership organizations ................. | 102.8 | 105.8 | 113.2 | 118.0 |
| 76 | Other services...... | 424.7 | 466.3 | 525.9 | 562.3 |
| 77 | Private households.......................... | 14.0 | 12.7 | 13.6 | 11.9 |
| 78 | Government | 1,185.7 | 1,238.4 | 1,307.1 | 1,374.9 |
| 79 | Federal. | 374.1 | 385.6 | 403.2 | 413.9 |
| 80 | General government | 298.6 | 307.6 | 323.4 | 332.8 |
| 81 | Government enterprises ....................... | 75.6 | 78.0 | 79.8 | 81.1 |
| 82 | State and local. | 811.6 | 852.8 | 903.9 | 961.0 |
| 83 | General government............................ | 681.2 | 715.9 | 758.7 | 807.0 |
| 84 | Government enterprises .............................. | 130.3 | 136.9 | 145.2 | 154.0 |

Table 9. Intermediate Inputs by Industry, 1998-2001
[Billions of dollars]

| Line |  | 1998 | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | All industries | 6,329.1 | 6,690.2 | 7,230.8 | 7,111.8 |
| 2 | Private industries | 6,246.7 | 6,603.1 | 7,141.4 | 7,018.2 |
| 3 | Private goods-producing industries. | 2,981.0 | 3,090.0 | 3,281.9 | 3,059.8 |
| 4 | Agriculture, forestry, and fishing. | 151.1 | 150.9 | 156.3 | 162.1 |
| 5 | Farms $\qquad$ Agricultural services, forestry, and | 134.1 | 132.3 | 136.5 | 140.7 |
| 6 | fishing ................................... | 17.0 | 18.6 | 19.8 | 21.4 |
| 7 | Mining. | 65.2 | 67.3 | 111.2 | 112.9 |
| 8 | Metal mining | 5.5 | 3.9 | 4.8 | 3.5 |
| 9 | Coal mining. | 16.2 | 14.5 | 15.7 | 15.5 |
| 10 | Oil and gas extraction. | 36.3 | 41.1 | 84.1 | 87.1 |
| 11 | Nonmetalic minerals, except fuels ...... | 7.2 | 7.8 | 6.7 | 6.7 |
| 12 | Consiruction. | 252.9 | 264.6 | 270.3 | 268.3 |
| 13 | Manufacturing.................................. | 2,511.8 | 2,607.2 | 2,744.0 | 2,516.5 |
| 14 | Durable goods .............................. | 1,357.4 | 1,436.0 | 1,445.9 | 1,258.0 |
| 15 | Lumber and wood products ........... | 71.7 | 77.9 | 74.8 | 69.3 |
| 16 | Furniture and fixtures ..................... | 40.6 | 42.4 | 43.9 | 37.3 |
| 17 | Stone, clay, and glass products...... | 53.0 | 53.6 | 55.2 | 50.9 |
| 18 | Primary metal industries ............... | 134.2 | 127.2 | 128.5 | 102.5 |
| 19 | Fabricated metal products | 134.7 | 131.9 | 137.5 | 129.0 |
| 20 | Industrial machinery and equipment Electronic and other electric | 240.8 | 245.6 | 242.1 | 207.4 |
| 21 | equipment .............................. | 181.2 | 209.9 | 255.3 | 181.0 |
| 22 | Motor vehicles and equipment ....... | 258.3 | 304.3 | 275.8 | 241.8 |
| 23 | Other transportation equipment...... | 116.4 | 113.7 | 101.8 | 104.0 |
| 24 | Instruments and related products.... Misceilaneous manufacturing | 100.0 | 104.1 | 106.6 | 110.7 |
| 25 | industries... | 26.5 | 25.6 | 24.5 | 24.2 |
| 26 | Nondurable goods | 1,154.4 | 1,171.1 | 1,298.2 | 1,258.5 |
| 27 | Food and kindred products............. | 357.0 | 339.8 | 358.0 | 379.6 |
| 28 | Tobacco products........................ | 27.9 | 31.0 | 34.8 | 36.3 |
| 29 | Textile mill products ..................... | 54.6 | 51.0 | 49.8 | 44.1 |
| 30 | Apparel and other textile products... | 50.2 | 53.0 | 50.7 | 47.1 |
| 31 | Paper and allied products .............. | 106.3 | 107.5 | 113.2 | 104.4 |
| 32 | Printing and publishing ................ | 118.2 | 116.0 | 123.3 | 116.8 |
| 33 | Chemicals and allied products........ | 228.0 | 229.3 | 256.1 | 239.9 |
| 34 | Petroleum and coal products. Rubber and miscellaneous plastics | 102.0 | 128.0 | 189.5 | 171.2 |
| 35 | products ............................... | 105.6 | 110.7 | 118.0 | 114.8 |
| 36 | Leather and leather products.......... | 4.7 | 4.9 | 4.7 | 4.3 |
| 37 | Private services-producing industries ....... | 3,265.7 | 3,513.1 | 3,859.5 | 3,958.5 |
| 38 | Transportation and public utibities........ | 574.5 | 619.7 | 737.8 | 775.3 |
| 39 | Transportation........................ | 253.1 | 273.3 | 305.3 | 296.9 |
| 40 | Railroad transportation. Local and interurban passenger | 17.8 | 18.9 | 17.9 | 17.1 |
| 41 | transit ................................... | 10.3 | 9.8 | 10.4 | 10.6 |
| 42 | Trucking and warehousing ............. | 132.0 | 144.3 | 159.9 | 158.4 |
| 43 | Water transportation..................... | 25.1 | 27.8 | 32.9 | 29.7 |
| 44 | Transportation by air .................... | 49.1 | 52.0 | 64.6 | 60.6 |
| 45 | Pipelines, except natural gas .......... | 1.3 | 1.6 | 1.6 | 1.7 |
| 46 | Transportation services ................. | 17.5 | 18.9 | 17.9 | 18.9 |
| 47 | Communications ............................ | 183.8 | 219.7 | 253.1 | 275.1 |
| 48 | Telephone and telegraph ............... | 148.0 | 177.5 | 205.6 | 226.8 |
| 49 | Radio and television .................... | 35.8 | 42.2 | 47.5 | 48.3 |
| 50 | Electric, gas, and sanitary services ..... | 137.6 | 126.7 | 179.3 | 203.3 |
| 51 | Wholesale trade .. | 236.4 | 258.0 | 267.8 | 262.6 |
| 52 | Retail trade. | 393.9 | 443.4 | 473.4 | 472.1 |
| 53 | Finance, insurance, and real estate ...... | 928.8 | 980.0 | 1,034.6 | 1,029.1 |
| 54 | Depository institutions .................... | 113.7 | 109.2 | 115.0 | 122.5 |
| 55 | Nondepository institutions ................ | 81.5 | 93.8 | 95.2 | 78.6 |
| 56 | Security and commodity brokers........ | 111.6 | 144.9 | 179.9 | 99.6 |
| 57 | msurance carriers..................... | 138.0 | 137.4 | 114.3 | 138.6 |
| 58 | Insurance agents, brokers, and service | 34.7 | 37.5 | 45.0 | 36.9 |
| 59 | Real estate.................................... | 426.9 | 433.3 | 457.5 | 526.5 |
| 60 | Nonfarm housing services .............. | 113.4 | 115.6 | 115.0 | 137.0 |
| 61 | Other real estate......................... | 313.5 | 317.7 | 342.6 | 389.5 |
| 62 | Holding and other investment offices | 22.3 | 23.9 | 27.6 | 26.4 |
| 63 | Services ......................................... | 1,132.1 | 1,212.1 | 1,345.8 | 1,419.3 |
| 64 | Hotels and other lodging places ......... | 48.4 | 51.1 | 57.2 | 50.4 |
| 65 | Personal services ........................... | 37.5 | 42.0 | 47.2 | 47.5 |
| 66 | Business services ........................... | 237.1 | 258.9 | 310.0 | 325.2 |
| 67 | Auto repair, services, and parking ....... | 59.2 | 59.4 | 62.2 | 63.7 |
| 68 | Misceltaneous repair services............ | 27.4 | 29.0 | 29.1 | 31.8 |
| 69 | Motion pictures............................. | 34.4 | 38.5 | 42.1 | 41.0 |
| 70 | Amusement and recreation services.... | 57.8 | 63.8 | 68.2 | 70.2 |
| 71 | Health services. | 271.2 | 278.7 | 291.0 | 321.5 |
| 72 | Legal services.. | 36.4 | 39.0 | 35.7 | 38.1 |
| 73 | Educational services | 49.8 | 53.2 | 55.0 | 55.9 |
| 74 | Social services.... | 53.6 | 60.4 | 70.6 | 77.5 |
| 75 | Membership organizations ................ | 49.2 | 47.8 | 51.8 | 55.0 |
| 76 | Other services............................... | 170.3 | 190.3 | 225.7 | 241.5 |
| 77 | Private households .......................... | 0.0 | 0.0 | 0.0 | 0.0 |
| 78 | Government ............................................ | 82.4 | 87.1 | 89.4 | 93.6 |
| 79 | Federal... | 14.2 | 15.8 | 13.7 | 17.7 |
| 80 | General government. | 0.0 | 0.0 | 0.0 | 0.0 |
| 81 | Government enterprises ............................. | 14.2 | 15.8 | 13.7 | 17.7 |
|  | State and local. | 68.1 | 71.3 | 75.7 | 75.9 |
| 83 | General government............................... | 0.0 | 0.0 | 0.0 | 0.0 |
| 84 | Government enterprises ........................ | 68.1 | 71.3 | 75.7 | 75.9 |

Table 10. Chain-Type Quantity Indexes for Gross Output by Industry, 1998-2001
[1996=100]

| Line |  | 1998 | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | All industries | 110.28 | 115.27 | 119.96 | 119.06 |
| 2 | Private industries | 110.97 | 116.28 | 121.21 | 120.05 |
| 3 | Private goods-producing industries .......... | 110.81 | 115.12 | 117.52 | 111.35 |
| 5 | Agricullure, forestry, and fishing.......... | 108.09 | 111.50 | 114.20 | 114.34 |
| 5 | Farms $\qquad$ Agricultural services, forestry, and | 107.13 | 109.66 | 111.97 | 110.56 |
| 6 | fisthing ...................................... | 111.40 | 117.70 | 121.65 | 126.54 |
| 7 | Mining. | 101.75 | 98.08 | 101.37 | 103.43 |
| 8 | Metal mining .................................. | 104.38 | 96.81 | 95.82 | 92.95 |
| 9 | Coal mining. | 104.23 | 102.48 | 99.76 | 104.59 |
| 10 | Oif and gas extraction. | 100.13 | 95.62 | 100.65 | 102.71 |
| 11 | Nonmetallic minerals, except tuels ...... | 107.31 | 108.67 | 108.16 | 108.95 |
| 12 | Construction. | 107.58 | 112.38 | 114.35 | 112.61 |
| 13 | Manufacturing | 111.98 | 116.65 | 119.05 | 111.06 |
| 14 | Durable goods | 117.04 | 125.41 | 130.04 | 118.43 |
| 15 | Lumber and wood products | 105.52 | 110.40 | 108.18 | 101.90 |
| 16 | Furniture and fixtures ... | 116.23 | 120.73 | 122.27 | 107.55 |
| 17 | Stone, clay, and glass products...... | 110.42 | 111.36 | 110.47 | 100.42 |
| 18 | Primary metal industries ............... | 108.70 | 107.52 | 104.01 | 88.62 |
| 19 | Fabricated metal products | 110.33 | 110.91 | 113.85 | 105.43 |
| 20 | Industrial machinery and equipment Electronic and other electric | 122.65 | 129.60 | 139.24 | 123.91 |
| 21 | equipment .............................. | 131.18 | 156.64 | 195.72 | 169.54 |
| 22 | Motor vehicles and equipment | 115.59 | 131.83 | 123.31 | 110.59 |
| 23 | Other transportation equipment ...... | 126.30 | 127.94 | 117.32 | 119.72 |
| 24 | instruments and related products ... Miscellaneous manufacturing | 105.76 | 109.24 | 114.41 | 115.07 |
| 25 | industries .............................. | 104.90 | 108.38 | 112.82 | 106.29 |
| 26 | Nondurable goods | 106.16 | 106.70 | 106.76 | 102.41 |
| 27 | Food and kindred products. | 108.35 | 108.20 | 108.29 | 108.76 |
| 28 | Tobacco products........................ | 98.26 | 85.62 | 86.46 | 80.99 |
| 29 | Textile mill products ..................... | 100.94 | 97.86 | 95.04 | 85.71 |
| 30 | Apparel and other textike products | 99.84 | 101.56 | 98.25 | 91.75 |
| 31 | Paper and allied products.............. | 103.59 | 104.98 | 103.00 | 95.45 |
| 32 | Printing and publishing .... | 103.33 | 104.97 | 106.00 | 97.27 |
| 33 | Chemicats and allied products........ | 109.12 | 109.63 | 111.20 | 105.23 |
| 34 | Petroleum and coal products........... Rubber and miscellaneous plastics | 103.49 | 106.07 | 103.83 | 102.88 |
| 35 | products ............................... | 110.66 | 115.34 | 118.08 | 113.22 |
| 36 | Leather and leather products.......... | 96.15 | 91.60 | 91.17 | 79.62 |
| 37 | Private services-preducing industries ....... | 111.03 | 116.91 | 123.25 | 124.87 |
| 38 | Transportation and public utilities......... | 109.38 | 116.17 | 125.03 | 127.55 |
| 39 | Transportation............................... | 108.09 | $\$ 12.48$ | 116.64 | 112.45 |
| 40 | Railroad transportation. Local and interurban passenger | 100.94 | 101.48 | 101.80 | 100.36 |
| 41 | transit............................. | 110.53 | 112.19 | 111.56 | 112.87 |
| 42 | Trucking and warehousing | 107.18 | 112.49 | 115.48 | 112.43 |
| 43 | Water transportation | 104.39 | 106.18 | 118.53 | 109.14 |
| 44 | Transportation by air. | 110.16 | 114.33 | 121.30 | 113.62 |
| 45 | Pipelines, except natural gas .......... | 97.40 | 102.98 | 100.54 | 96.10 |
| 46 | Transpontation services ................ | 118.51 | 126.25 | 128.72 | 127.38 |
| 47 | Communications ............................ | 119.17 | 136.82 | 154.89 | 172.05 |
| 48 | Telephone and telegraph ............... | 122.89 | 144.09 | 166.45 | 186.84 |
| 49 | Radio and television ..................... | 107.22 | 114.37 | 120.63 | 129.05 |
| 50 | Electric, gas, and sanitary services ...... | 101.12 | 100.17 | 106.85 | 105.78 |
| 51 | Wholesale trade | 113.76 | 121.99 | 127.50 | 126.37 |
| 52 | Retail trade. | 110.42 | 118.40 | 125.32 | 127.74 |
| 53 | Finance, insurance, and real estate ...... | 110.52 | 114.85 | 120.42 | 121.01 |
| 54 | Depository institutions ..................... | 106.20 | 109.97 | 114.08 | 115.55 |
| 55 | Nondepository institutions ............... | 121.29 | 137.70 | 146.34 | 137.87 |
| 56 | Security and commodity brokers........ | 160.14 | 188.75 | 232.36 | 189.20 |
| 57 | Insurance carriers..................... | 101.43 | 99.28 | 95.18 | 99.73 |
| 58 | insurance agents, brokers, and service | 115.07 | 121.67 | 125.40 | 117.39 |
| 59 | Real estate., | 105.17 | 107.81 | 111.23 | 115.26 |
| 60 | Nonfarm housing services. | 104.77 | 108.13 | 110.10 | 112.30 |
| 61 | Other real estate ......................... | 105.74 | 107.34 | 112.84 | 119.55 |
| 62 | Holding and other investment offices | 165.73 | 139.25 | 170.29 | 216.57 |
| 63 | Services | 111.70 | 117.06 | 122.96 | 125.54 |
| 64 | Hotels and other lodging places......... | 102.85 | 105.54 | 112.69 | 103.29 |
| 65 | Personal services ........... | 106.31 | 110.28 | 113.35 | 112.70 |
| 66 | Business services. | 128.29 | 140.94 | 151.96 | 155.09 |
| 67 | Auto repair, services, and parking ....... | 107.84 | 112.74 | 115.56 | 118.24 |
| 68 | Miscellaneous repair services............. | 106.11 | 104.90 | 106.12 | 102.80 |
| 69 | Motion pictures ............................. | 107.93 | 112.76 | 114.50 | 113.91 |
| 70 | Amusement and recreation services.... | 109.22 | 111.67 | 113.17 | 112.10 |
| 71 | Health services ............................... | 105.62 | 107.68 | 110.75 | 115.99 |
| 72 | Legal services................................ | 105.95 | 109.81 | 111.00 | 114.33 |
| 73 | Educational services ........................ | 105.35 | 108.98 | 110.90 | 113.20 |
| 74 | Social services..... | 106.22 | 113.21 | 122.73 | 129.69 |
| 75 | Membership organizations ................ | 100.22 | 98.33 | 100.37 | 100.85 |
| 76 | Other services ............................... | 116.14 | 124.15 | 135.60 | 139.24 |
| 77 | Private househoids .......................... | 110.40 | 97.57 | 99.77 | 84.25 |
| 78 | Government | 102.67 | 104.12 | 106.28 | 108.12 |
| 79 | Federal. | 99.55 | 99.55 | 101.15 | 100.96 |
| 80 | General government............................ | 98.02 | 97.66 | 99.12 | 99.77 |
| 81 | Government enterprises ...................... | 105.97 | 107.54 | 109.73 | 105.80 |
| 82 | State and local. | 104.19 | 106.34 | 108.78 | 111.59 |
| 83 | General government.. | 104.18 | 106.00 | 108.50 | 111.40 |
| 84 | Government enterprises ........................... | 104.21 | 108.12 | 110.30 | 112.58 |

Table 10.A. Percent Changes in Chain-Type Quantity Indexes for Gross Output by Industry

| Line |  | 1999 | 2000 | 2001 | Average annual rate of change 1995-2000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | All industries. | 4.5 | 4.1 | -0.8 | 4.6 |
| 2 | Private industries | 4.8 | 4.2 | -1.0 | 4.8 |
| 3 | Private goods-producing industries | 3.9 | 2.1 | -5.3 | 4.0 |
| 4 | Agriculture, forestry, and fishing. | 3.2 | 2.4 | 0.1 | 3.2 |
| 5 | Farms ................................. | 2.4 | 2.1 | -1.3 | 2.7 |
| 6 | Agricultural services, forestry, and tishing ....... | 5.7 | 3.4 | 4.0 | 4.7 |
| 7 | Mining | -3.6 | 3.4 | 2.0 | 0.9 |
| 8 | Metal mining. | -7.2 | -1.0 | -3.0 | -0.5 |
| 9 | Coal mining. | -1.7 | $-2.7$ | 4.8 | 0.6 |
| 10 | Oil and gas extraction ................................ | -4.5 | 5.3 | 2.1 | 0.7 |
| 11 | Nonmetallic minerals, except fuels ................. | 1.3 | -0.5 | 0.7 | 2.1 |
| 12 | Construction.. | 4.5 | 1.8 | -1.5 | 3.8 |
| 13 | Manufacluring. | 4.2 | 2.1 | -6.7 | 4.2 |
| 14 | Durable goods ............................................................... | 7.2 | 3.7 | -8.9 | 6.7 |
| 15 | Lumber and wood products...................... | 4.6 | -2.0 | -5.8 | 1.9 |
| 16 | Furniture and fixtures ................................ | 3.9 | 1.3 | -12.0 | 4.4 |
| 17 | Stone, clay, and glass products. | 0.9 | -0.8 | -9.1 | 3.3 |
| 18 | Primary metal industries........................... | -1.1 | $-3.3$ | -14.8 | 1.5 |
| 19 | Fabricated metal products | 0.5 | 2.7 | -7.4 | 3.3 |
| 20 | Industrial machinery and equipment ........... | 5.7 | 7.4 | -11.0 | 9.4 |
| 21 | Electronic and other electric equipment....... | 19.4 | 24.9 | -13.4 | 18.0 |
| 22 | Motor vehicles and equipment................... | 14.1 | -6.5 | -10.3 | 4.2 |
| 23 | Other transportation equipment................. | 1.3 | -8.3 | 2.0 | 4.2 |
| 24 | instruments and related products............... | 3.3 | 4.7 | 0.6 | 3.2 |
| 25 | Miscellaneous manufacturing industries ...... | 3.3 | 4.1 | -5.8 | 3.2 |
| 26 | Nondurable goods ..................................... | 0.5 | 0.1 | -4.1 | 1.3 |
| 27 | Food and kindred products....................... | -0.1 | 0.1 | 0.4 | 1.2 |
| 28 | Tobacco prodects.......................................... | -12.9 | 1.0 | -6.3 | -2.6 |
| 29 | Textile mill products ........................................... | -3.1 | -2.9 | $-9.8$ | -1.2 |
| 30 | Apparel and other textile products | 1.7 | $-3.3$ | -6.6 | -0.9 |
| 31 | Paper and allied products ......................... | 1.3 | -1.9 | -7.3 | 0.2 |
| 32 | Printing and publishing............................. | 1.6 | 1.0 | -8.2 | 1.2 |
| 33 | Chemicals and allied products ................... | 0.5 | 1.4 | -5.4 | 2.4 |
| 34 | Petroleum and coal products.................... | 2.5 | -2.1 | -0.9 | 1.1 |
| 35 | Rubber and miscellaneous plastics products | 4.2 | 2.4 | -4.1 | 4.1 |
| 36 | Leather and leather products ..................... | -4.7 | -0.5 | -12.7 | -1.6 |
| 37 | Private services-producing industries .................. | 5.3 | 5.4 | 1.3 | 5.3 |
| 38 | Transportation and public utilities ................... | 6.2 | 7.6 | 2.0 | 5.7 |
| 39 | Transportation ............................................ | 4.1 | 3.7 | -3.6 | 4.2 |
| 40 | Railroad transportation............................. | 0.5 | 0.3 | -1.4 | 0.7 |
| 41 | Local and interurbas passenger transit........ | 1.5 | -0.6 | 1.2 | 2.4 |
| 42 | Trucking and warehousing ....................... | 4.9 | 2.7 | -2.6 | 4.1 |
| 43 | Water transportation.................................. | 1.7 | 11.6 | -7.9 | 4.7 |
| 44 | Transportation by air ............................... | 3.8 | 6.1 | -6.3 | 5.4 |
| 45 | Pipelines, except natural gas ..................... | 5.7 | -2.4 | -4.4 | 0.1 |
| 46 | Transportation services ........................... | 6.5 | 2.0 | -1.0 | 6.2 |
| 47 | Communications........................................ | 14.8 | 13.2 | 11.1 | 11.4 |
| 48 | Telephone and telegraph........................... | 17.3 | 15.5 | 12.2 | 13.4 |
| 49 | Radio and television ................................ | 6.7 | 5.5 | 7.0 | 4.7 |
| 50 | Electric, gas, and sanitary services. | -0.9 | 6.7 | -1.0 | 1.5 |
| 51 | Wholesale trade. | 7.2 | 4.5 | -0.9 | 6.0 |
| 52 | Relail trade. | 7.2 | 5.8 | 1.9 | 5.5 |
| 53 | Finance, insurance, and real estate | 3.9 | 4.8 | 0.5 | 4.8 |
| 54 | Depository institutions................................ | 3.6 | 3.7 | 1.3 | 2.9 |
| 55 | Nondepository institutions.......................................... | 13.5 | 6.3 | -5.8 | 12.3 |
| 56 | Security and commodity brokers..................... | 17.9 | 23.1 | -18.6 | 23.4 |
| 57 | Insurance carriers.. | -2.1 | -4.1 | 4.8 | -1.5 |
| 58 | Insurance agents, brokers, and service ........... | 5.7 | 3.1 | -6.4 | 4.1 |
| 59 | Real estate ............................................... | 2.5 | 3.2 | 3.6 | 3.2 |
| 60 | Nonfarm housing services ......................... | 3.2 | 1.8 | 2.0 | 2.2 |
| 61 | Other real estate .................................... | 1.5 | 5.1 | 5.9 | 4.7 |
| 62 | Holding and other investment offices | -16.0 | 22.3 | 27.2 | 7.9 |
|  | Services .................................................... | 4.8 | 5.0 | 2.1 | 5.3 |
| 64 | Hotels and other lodging places ..................... | 2.6 | 6.8 | -8.3 | 3.2 |
| 65 | Personal services............................................... | 3.7 | 2.8 | -0.6 | 2.7 |
| 66 | Business services ...................................... | 9.9 | 7.8 | 2.1 | 11.1 |
| 67 | Auto repair, services, and parking .................. | 4.5 | 2.5 | 2.3 | 4.1 |
| 68 | Miscelianeous repair services....................... | -1.4 | 1.2 | -3.1 | 1.0 |
| 69 | Motion pictures ...................................... | 4.5 | 1.5 | -0.5 | 3.0 |
| 70 | Amusement and recreation services............... | 2.2 | 1.3 | -0.9 | 3.9 |
| 71 | Health services ......................................... | 2.0 | 2.9 | 4.7 | 2.6 |
| 72 | Legal services......... | 3.6 | 1.1 | 3.0 | 2.9 |
| 73 | Educational services ................................... | 3.4 | 1.8 | 2.1 | 2.7 |
| 74 | Social services........ | 6.6 | 8.4 | 5.7 | 5.0 |
| 75 | Membership organizations. | -1.9 | 2.1 | 0.5 | 1.1 |
| 76 | Other services,.......................................... | 6.9 | 9.2 | 2.7 | 7.9 |
| 77 | Private households ...................................... | -11.6 | 2.2 | -15.6 | -0.4 |
| 78 | Government | 1.4 | 2.1 | 1.7 | 1.3 |
| 79 | Federal | 0.0 | 1.6 | -0.2 | -0.1 |
| 80 | General government ...................................... | -0.4 | 1.5 | 0.7 | -0.7 |
| 81 | Government enterprises ................................. | 1.5 | 2.1 | -3.6 | 2.4 |
| 82 | State and local. | 2.1 | 2.3 | 2.6 | 2.0 |
| 83 | General government ........................................................................ | 1.7 | 2.4 | 2.7 | 1.9 |
| 84 | Government enterprises ........................................... | 3.7 | 2.0 | 2.1 | 2.3 |

Table 11. Chain-Type Price Indexes for Gross Output by Industry, 1998-2001
[1996=100]

| Line |  | 1998 | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | All industries | 101.18 | 102.31 | 105.56 | 107.14 |
| 2 | Private industries | 100.85 | 101.82 | 105.04 | 106.45 |
| 3 | Private goods-producing industries ... | 96.82 | 97.04 | 100.55 | 100.59 |
| 4 | Agriculture, forestry, and fishing .......... | 92.75 | 89.77 | 91.40 | 95.12 |
| 5 | Farms $\qquad$ Agricultural services, forestry, and | 90.02 | 85.01 | 85.98 | 89.93 |
| 6 | fishing ................................. | 103.70 | 108.30 | 112.44 | 115.38 |
| 7 | Mining | 87.14 | 93.70 | 129.17 | 130.53 |
| 8 | Metal mining | 82.74 | 77.84 | 82.56 | 78.06 |
| 9 | Coal mining | 95.18 | 90.86 | 92.02 | 91.66 |
| 10 | Oil and gas extraction | 83.95 | 94.68 | 145.83 | 148.07 |
| 11 | Nonmetallic minerals, except fuels | 101.29 | 103.65 | 102.58 | 104.07 |
| 12 | Construction. | 106.25 | 110.74 | 115.39 | 119.85 |
| 13 | Manufacturing | 96.19 | 95.74 | 97.84 | 96.89 |
| 14 | Durable goods | 94.73 | 92.51 | 90.87 | 88.59 |
| 15 | Lumber and wood products | 102.01 | 104.62 | 102.40 | 100.89 |
| 16 | Furniture and fixtures. | 102.49 | 103.63 | 105.00 | 106.26 |
| 17 | Stone, clay, and glass products. | 103.09 | 105.90 | 107.52 | 108.27 |
| 18 | Primary metal industries ... | 96.41 | 92.45 | 96.12 | 93.22 |
| 19 | Fabricated metal products | 102.04 | 102.54 | 103.36 | 103.79 |
| 20 | Industrial machinery and equipment Electronic and other electric | 87.73 | 82.73 | 80.35 | 77.32 |
| 21 | equipment | 82.66 | 75.48 | 67.93 | 60.90 |
| 22 | Motor vehicles and equipment | 98.11 | 98.56 | 98.54 | 97.95 |
| 23 | Other transportation equipment ..... | 101.56 | 102.61 | 105.13 | 107.56 |
| 24 | Instruments and related products ... Miscellaneous manufacturing | 100.71 | 100.38 | 100.50 | 101.22 |
| 25 | industries. | 101.57 | 102.44 | 102.92 | 104.12 |
| 26 | Nondurable goods | 97.99 | 99.90 | 107.25 | 108.13 |
| 27 | Food and kindred products | 98.07 | 97.69 | 99.37 | 102.68 |
| 28 | Tobacco products........................ | 116.15 | 148.53 | 163.36 | 179.06 |
| 29 | Textile mill products | 100.02 | 97.49 | 97.38 | 97.05 |
| 30 | Apparel and other textile products | 101.69 | 101.90 | 102.31 | 102.19 |
| 31 | Paper and allied products .............. | 98.20 | 98.22 | 105.70 | 105.48 |
| 32 | Printing and publishing ................ | 104.87 | 106.92 | 109.91 | 113.08 |
| 33 | Chemicals and allied products........ | 100.39 | 100.89 | 105.61 | 106.91 |
| 34 | Petroleum and coal products. Rubber and miscellaneous plastics | 76.39 | 87.54 | 128.73 | 120.67 |
| 35 | products............................... | 99.34 | 99.39 | 101.61 | 102.39 |
| 36 | Leather and leather products.......... | 100.98 | 100.63 | 102.12 | 106.04 |
| 37 | Privale services-producing industries ...... | 103.29 | 104.71 | 107.76 | 109.93 |
| 38 | Transportation and public utilities ........ | 102.72 | 102.89 | 106.40 | 107.52 |
| 39 | Transportation ............................... | 104.88 | 107.01 | 111.05 | 112.20 |
| 40 | Railroad transportation $\qquad$ <br> Local and interurban passenger | 102.30 | 101.66 | 103.04 | 104.88 |
| 41 | transit............................... | 101.34 | 102.05 | 106.14 | 108.58 |
| 42 | Trucking and warehousing | 107.38 | 110.48 | 114.72 | 118.32 |
| 43 | Water transportation. | 102.13 | 106.67 | 111.17 | 114.25 |
| 44 | Transportation by air . | 104.42 | 105.91 | 110.06 | 105.70 |
| 45 | Pipelines, except natural gas .......... | 96.79 | 96.55 | 100.48 | 108.13 |
| 46 | Transportation services ................. | 101.80 | 102.50 | 107.16 | 107.73 |
| 47 | Communications .............................. | 101.61 | 99.95 | 98.53 | 94.42 |
| 48 | Telephone and telegraph ................ | 98.69 | 95.41 | 92.04 | 88.28 |
| 49 | Radio and television .................... | 112.36 | 117.38 | 124.90 | 119.25 |
| 50 | Electric, gas, and sanitary services ...... | 100.73 | 100.29 | 110.19 | 119.58 |
| 51 | Wholesale trade. | 93.97 | 93.75 | 95.80 | 94.51 |
| 52 | Retail trade. | 100.15 | 100.56 | 101.40 | 102.63 |
| 53 | Finance, insurance, and real estale ...... | 106.19 | 107.67 | 111.28 | 114.23 |
| 54 | Depository institutions .................... | 113.69 | 116.63 | 121.80 | 121.83 |
| 55 | Nondepository institutions ............... | 102.16 | 101.46 | 103.80 | 111.96 |
| 56 | Security and commodity brokers........ | 94.27 | 85.47 | 84.08 | 85.74 |
| 57 | Insurance cartiers. | 108.69 | 112.17 | 119.21 | 118.36 |
| 58 | Insurance agents, brokers, and service | 107.04 | 109.95 | 114.87 | 119.07 |
| 59 | Real estate.................................... | 105.60 | 108.52 | 112.10 | 116.18 |
| 60 | Nonfarm housing services.............. | 106.20 | 109.14 | 112.51 | 116.94 |
| 61 | Other real estate.......................... | 104.76 | 107.65 | 111.52 | 115.11 |
| 62 | Holding and other investment offices | 119.46 | 126.72 | 140.51 | 142.91 |
| 63 | Services | 105.26 | 108.14 | 111.77 | 115.28 |
| 64 | Hotels and other lodging places ......... | 111.28 | 116.69 | 120.49 | 126.21 |
| 65 | Personal services ........................... | 105.03 | 107.70 | 111.12 | 115.58 |
| 66 | Business services.......................... | 103.35 | 105.61 | 108.84 | 109.79 |
| 67 | Auto repair, services, and parking ....... | 104.55 | 106.00 | 109.37 | 111.05 |
| 68 | Miscelianeous repair services............. | 105.22 | 110.71 | 115.23 | 123.17 |
| 69 | Motion pictures ............................. | 103.76 | 108.82 | 114.76 | 118.32 |
| 70 | Amusement and recreation services.... | 105.73 | 110.26 | 115.54 | 120.43 |
| 71 | Health services ............................... | 104.90 | 107.19 | 110.16 | 114.20 |
| 72 | Legal services.. | 107.70 | 110.41 | 114.27 | 119.73 |
| 73 | Educational services ........................ | 107.24 | 110.88 | 115.42 | 119.38 |
| 74 | Social services......... | 106.14 | 109.40 | 114.19 | 118.88 |
| 75 | Membership organizations | 106.61 | 111.92 | 117.26 | 121.71 |
| 76 | Other services. | 105.53 | 108.39 | 111.92 | 116.52 |
| 77 | Private households. | 105.44 | 108.49 | 113.22 | 117.43 |
| 78 | Government | 105.00 | 108.14 | 111.81 | 115.61 |
| 79 | Federal.. | 103.41 | 106.58 | 109.68 | 112.81 |
| 80 | General government. | 104.30 | 107.85 | 111.74 | 114.23 |
| 81 | Government enterprises ...................... | 99.89 | 101.63 | 101.84 | 107.33 |
| 82 | State and local. | 105.76 | 108.89 | 112.82 | 116.93 |
| 83 | General government. | 106.04 | 109.52 | 113.41 | 117.47 |
| 84 | Government enterprises ...................... | 104.34 | 105.66 | 109.80 | 114.14 |

Table 11.A. Percent Changes in Chain-Type Price Indexes for Gross Output by Industry

| Line |  | 1999 | 2000 | 2001 | Average annual rate of change 1995-2000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | All industrias | 1.1 | 3.2 | 1.5 | 1.4 |
| 2 | Privale Industries | 1.0 | 3.2 | 1.3 | 1.3 |
| 3 | Private goods-producing industries ............. | 0.2 | 3.6 | 0.0 | 0.3 |
| 4 | Agriculture, forestry, and fishing .............. | -3.2 | 1.8 | 4.1 | -0.1 |
| 5 | Farms $\qquad$ Agricuitural services, forestry, and | -5.6 | 1.1 | 4.6 | -1.1 |
| 6 | fishing ......................................... | 4.4 | 3.8 | 2.6 | 3.0 |
| 7 | Mining. | 7.5 | 37.9 | 1.1 | 8.4 |
| 8 | Metal mining...................................... | $-5.9$ | 6.1 | -5.4 | -5.2 |
| , | Coal mining . | -4.5 | 1.3 | -0.4 | -2.0 |
| 10 | Oil and gas extraction.. | 12.8 | 54.0 | 1.5 | 13.0 |
| 11 | Nonmetallic minerals, except tuels ......... | 2.3 | -1.0 | 1.5 | 0.8 |
| 12 | Construction. | 4.2 | 4.2 | 3.9 | 3.4 |
| 13 | Manulacturing. | -0.5 | 2.2 | -1.0 | -0.5 |
| 14 | Durable goods. | -2.3 | -1.8 | -2.5 | -2.4 |
| 15 | Lumber and wood products | 2.6 | -2.1 | -1.5 | 0.3 |
| 16 | Furniture and fixtures ...................... | 1.1 | 1.3 | 1.2 | 1.5 |
| 17 | Stone, clay, and glass products.......... | 2.7 | 1.5 | 0.7 | 1.8 |
| 18 | Primary metal industries .................. | -4.1 | 4.0 | -3.0 | -1.6 |
| 19 | Fabricated metal products ................... | 0.5 | 0.8 | 0.4 | 0.9 |
| 20 | Industrial machinery and equipment... Electronic and other electric | -5.7 | -2.9 | -3.8 | -5.3 |
| 21 | equipment | -8.7 | - 10.0 | -10.4 | -9.2 |
| 22 | Motor vehicles and equipment ........... | 0.5 | 0.0 | -0.6 | -0.2 |
| 23 | Other transportation equipment......... | 1.0 | 2.5 | 2.3 | 1.4 |
| 24 | Instruments and related products........ Miscellaneous manufacturing | -0.3 | 0.1 | 0.7 | 0.2 |
| 25 | industries................................... | 0.9 | 0.5 | 1.2 | 0.9 |
| 26 | Nondurable goods ............................... | 1.9 | 7.4 | 0.8 | 1.9 |
| 27 | Food and kindred products................ | -0.4 | 1.7 | 3.3 | 0.8 |
| 28 | Tobacco products.......................... | 27.9 | 10.0 | 9.6 | 10.8 |
| 29 | Textile mill products.. | -2.5 | -0.1 | -0.3 | -0.3 |
| 30 | Apparel and other textie products...... | 0.2 | 0.4 | -0.1 | 0.8 |
| 31 | Paper and allied products................. | 0.0 | 7.6 | -0.2 | -0.2 |
| 32 | Printing and publishing .................... | 2.0 | 2.8 | 2.9 | 2.6 |
| 33 | Chemicals and allied products............ | 0.5 | 5.7 | 0.3 | 1.3 |
| 34 | Petroleum and coal products Rubber and miscellaneous plastics | 14.6 | 47.1 | -6.3 | 7.7 |
| 35 | products ................................... | 0.1 | 2.2 | 0.8 | 0.3 |
| 36 | Leather and leather products.............. | -0.3 | 1.5 | 3.8 | 0.2 |
| 37 | Private services-producing industries .......... | 1.4 | 2.9 | 2.0 | 1.9 |
| 38 | Transportalion and public utilities. | 0.2 | 3.4 | 1.0 | 1.5 |
| 39 | Transportation................................... | 2.0 | 3.8 | 1.0 | 2.1 |
| 40 | Railroad transportation.................... | -0.6 | 1.4 | 1.8 | 0.6 |
| 41 | Local and interurban passenger transit | 0.7 | 4.0 | 2.3 | 2.2 |
| 42 | Trucking and warehousing ................ | 2.9 | 3.8 | 3.1 | 3.0 |
| 43 | Water transportation....................... | 4.4 | 4.2 | 2.8 | 2.2 |
| 44 | Transportation by air ....................... | 1.4 | 3.9 | -4.0 | 1.4 |
| 45 | Pipelines, except natural gas ............. | -0.2 | 4.1 | 7.6 | -1.0 |
| 46 | Transportation services ................... | 0.7 | 4.5 | 0.5 | 1.5 |
| 47 | Communications ............................... | -1.6 | -1.4 | -4.2 | -0.3 |
| 48 | Telephone and telegraph .................. | -3.3 | -3.5 | -4. 1 | -2.0 |
| 49 | Radio and television ....................... | 4.5 | 6.4 | -4.5 | 6.0 |
| 50 | Electric, gas, and sanitary services ......... | -0.4 | 9.9 | 8.5 | 2.9 |
| 51 | Wholesale trado | -0.2 | 2.2 | -1.3 | -1.3 |
| 52 | Retail trade.... | 0.4 | 0.8 | 1.2 | 0.3 |
| 53 | Finance, insurance, and real estate | 1.4 | 3.4 | 2.6 | 2.8 |
| 54 | Depository institutions ......................... | 2.6 | 4.4 | 0.0 | 5.1 |
| 55 | Nondepository institutions ................... | -0.7 | 2.3 | 7.9 | 1.1 |
| 56 | Security and commodity brokers............ | -9.3 | -1.6 | 2.0 | -3.5 |
| 57 | Insurance carriers.............................. | 3.2 | 6.3 | -0.7 | 4.7 |
| 58 | Insurance agents, brokers, and service ... | 2.7 | 4.5 | 3.7 | 3.7 |
| 59 | Real estate....................................... | 2.8 | 3.3 | 3.6 | 2.8 |
| 60 | Nonfarm housing services. | 2.8 | 3.1 | 3.9 | 3.0 |
| 61 | Other real estate ............................ | 2.8 | 3.6 | 3.2 | 2.6 |
| 62 | Holding and other investment offices | 6.1 | 10.9 | 1.7 | 8.4 |
| 63 | Services ............................................. | 2.7 | 3.4 | 3.1 | 2.8 |
| 64 | Hotels and other lodging places ............. | 4.9 | 3.3 | 4.8 | 4.2 |
| 65 | Perssonal services .............................. | 2.5 | 3.2 | 4.0 | 2.7 |
| 66 | Business services ............................. | 2.2 | 3.1 | 0.9 | 2.1 |
| 67 | Auto repair, services, and parking .......... | 1.4 | 3.2 | 1.5 | 2.1 |
| 68 | Misceillaneous repair services................ | 5.2 | 4.1 | 6.9 | 3.7 |
| 69 | Motion pictures ................................. | 4.9 | 5.5 | 3.1 | 3.7 |
| 70 | Amusement and recreation services........ | 4.3 | 4.8 | 4.2 | 3.6 |
| 71 | Heatth services .................................. | 2.2 | 2.8 | 3.7 | 2.4 |
| 72 | Legal services................................... | 2.5 | 3.5 | 4.8 | 3.4 |
| 73 | Educational services ........................... | 3.4 | 4.1 | 3.4 | 3.6 |
| 74 | Social services.................................. | 3.1 | 4.4 | 4.1 | 3.3 |
| 75 | Membership organizations ................... | 5.0 | 4.8 | 3.8 | 3.9 |
| 76 | Other services.................................. | 2.7 | 3.3 | 4.1 | 2.8 |
| 77 | Private househoids ............................. | 2.9 | 4.4 | 3.7 | 3.1 |
| 78 | Government .............................................. | 3.0 | 3.4 | 3.4 | 2.8 |
| 79 | Federal................................................. | 3.1 | 2.9 | 2.8 | 2.6 |
| 80 | General government.............................. | 3.4 | 3.6 | 2.2 | 3.1 |
| 81 | Government enterprises ......................... | 1.7 | 0.2 | 5.4 | 0.4 |
| 82 | State and local. | 3.0 | 3.6 | 3.6 | 3.0 |
| 83 | General government.. | 3.3 | 3.5 | 3.6 | 3.0 |
| 84 | Government enterprises ........................... | 1.3 | 3.9 | 4.0 | 2.6 |

Table 12. Chain-Type Quantity Indexes for Intermediate Inputs by Industry, 1998-2001
[1996=100]

| Line |  | 1998 | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | All industr | 110.50 | 115.63 | 119.39 | 116.58 |
| 2 | Private industries | 110.60 | 115.77 | 119.66 | 116.77 |
| 3 | Private goods-producing industries. | 111.50 | 115.33 | 116.56 | 109.57 |
| 4 | Agriculture, forestry, and fishing........... | 105.25 | 105.88 | 103.79 | 105.57 |
| 5 | Farms $\qquad$ Agricultural services, forestry, and | 105.88 | 105.20 | 102.19 | 103.24 |
| 6 | fishing ................................. | 100.45 | 110.96 | 115.83 | 123.38 |
| 7 | Miaing. | 95.78 | 93.23 | 118.10 | 116.71 |
| 8 | Metal minin | 85.35 | 60.62 | 68.69 | 50.35 |
| 9 | Coal mining | 102.68 | 91.48 | 95.34 | 93.09 |
| 10 | Oil and gas extractio | 93.39 | 96.32 | 136.94 | 137.44 |
| 11 | Nonmetallic minerals, except fuels | 103.80 | 109.41 | 87.49 | 87.48 |
| 12 | Construction. | 103.72 | 106.85 | 106.93 | 105.47 |
| 13 | Manufacturia | 113.24 | 117.55 | 118.25 | 109.86 |
| 14 | Durable goods | 115.67 | 124.54 | 124.61 | 110.64 |
| 15 | Lumber and wood prod | 108.65 | 115.41 | 110.38 | 104.58 |
| 16 | Furniture and tixtures | 119.72 | 124.60 | 125.84 | 107.19 |
| 17 | Stone, clay, and glass products | 110.54 | 110.44 | 109.35 | 99.27 |
| 18 | Primary metal industries.. | 109.31 | 105.75 | 101.61 | 82.63 |
| 19 | Fabricated metal products | 115.79 | 115.79 | 116.56 | 110.53 |
| 20 | Industrial machinery and equipment Electronic and other electric | 111.25 | 117.62 | 117.09 | 103.94 |
| 21 | equipment | 125.28 | 150.79 | 187.98 | 139.59 |
| 22 | Motor vehicles and equipment | 113.40 | 134.82 | 121.70 | 107.65 |
| 23 | Other transportation equipment ....... | 136.19 | 132.68 | 116.83 | 118.85 |
| 24 | Instruments and related products .... Miscellaneous manufacturing | 114.65 | 122.63 | 126.80 | 135.50 |
| 25 | industries ........................ | 105.16 | 101.77 | 94.30 | 92.99 |
| 26 | Nondurable good | 110.55 | 109.85 | 111.22 | 108.37 |
| 27 | Food and kindred prod | 113.57 | 110.36 | 113.88 | 116.19 |
| 28 | Tobacco products. | 110.63 | 121.82 | 131.84 | 134.69 |
| 29 | Textile mill products | 103.70 | 101.33 | 96.67 | 87.59 |
| 30 | Apparel and other textile products.... | 103.33 | 111.09 | 105.04 | 96.87 |
| 31 | Paper and allied products ... | 105.23 | 107.45 | 107.40 | 98.99 |
| 32 | Printing and publishing .- | 108.62 | 106.66 | 108.99 | 102.00 |
| 33 | Chemicals and allied products......... | 115.36 | 113.46 | 115.17 | 107.25 |
| 34 | Petroleum and coal products. Rubber and miscellaneous plastics | 106.79 | 103.20 | 104.03 | 107.11 |
| 35 | products... | 109.97 | 4.97 | 15.45 | 42 |
| 36 | Leather and leather products. | 100.08 | 105.54 | 95.89 | 85.01 |
| 37 | Private services-producing industries | 109.72 | 116.07 | 122.32 | 123.06 |
| 38 | Transportation and public utilities. | 118.85 | 124.78 | 135.61 | 41.61 |
| 39 | Transportation. | 110.40 | 114.78 | 117.32 | 113.98 |
| 40 | Railroad transportation. Local and interurban passenger | 105.94 | 110.01 | 96.15 | 92.78 |
| 41 | transit........ | 104.30 | 94.39 | 89.13 | 92.15 |
| 42 | Trucking and wa | 109.90 | 115.36 | 117.99 | 116.06 |
| 43 | Water transportatio | 102.59 | 110.39 | 123.05 | 109.30 |
| 44 | Transportation by air | 113.04 | 114.78 | 123.74 | 118.29 |
| 45 | Pipelines, except natura | 61.75 | 72.56 | 70.58 | 72.38 |
| 46 | Transportation services | 141.13 | 148.53 | 135.92 | 141.11 |
| 47 | Communications. | 137.71 | 165.91 | 189.57 | 208.12 |
| 48 | Telephone and telegraph | 141.77 | 173.10 | 200.37 | 224.90 |
| 49 | Radio and television. | 122.66 | 139.76 | 151.06 | 150.08 |
| 50 | Electric, gas, and sanitary services | 114.55 | 99.48 | 112.56 | 122.90 |
| 51 | Wholesale trade | 91.46 | 99.02 | 100.14 | 97.50 |
| 52 | Retail trade. | 99.85 | 109.95 | 113.13 | 109.67 |
| 53 | Finance, insurance, | 106.39 | 110.23 | 112.77 | 108.40 |
| 54 | Depository institutions. | 105.54 | 99.16 | 100.42 | 102.43 |
| 55 | Nondepository institutions | 108.40 | 122.71 | 119.74 | 93.10 |
| 56 | Security and commodity brokers | 175.65 | 229.28 | 280.50 | 153.72 |
| 57 | Insurance carriers... | 93.93 | 91.31 | 73.10 | 85.62 |
| 58 | Insurance agents, brokers, and service | 133.16 | 141.61 | 164.80 | 132.61 |
| 5 | Real estate. | 98.32 | 97.54 | 99.80 | 111.03 |
| 60 | Nonfarm housing | 113.98 | 112.04 | 107.89 | 122.22 |
| 61 | Other real estate. | 93.60 | 93.16 | 97.37 | 107.65 |
| 62 | Holding and other investment offices | 110.45 | 115.41 | 128.31 | 115.86 |
| 63 | Services... | 116.93 | 123.92 | 133.77 | 139.02 |
| 64 | Hotels and other lodging places .......... | 115.76 | 120.03 | 129.36 | 110.10 |
| 65 | Personal services ... | 97.50 | 107.14 | 116.07 | 113.57 |
| 67 | Business services | 146.33 | 161.82 | 191.86 | 203.16 |
| 67 | Auto repair, services, and parking | 105.53 | 104.00 | 104.79 | 105.88 |
| 68 | Miscellaneous repair services.... | 112.80 | 118.62 | 116.06 | 126.58 |
| 69 | Motion pictures.. | 102.84 | 110.50 | 115.50 | 109.25 |
| 70 | Amusement and recreation services..... | 106.55 | 114.91 | 118.21 | 117.83 |
| 71 | Health services ................................ | 116.29 | 118.18 | 119.78 | 130.03 |
| 72 | Legal services... | 96.08 | 100.21 | 88.33 | 91.30 |
| 73 | Educational servic | 105.34 | 110.87 | 111.54 | 111.01 |
| 74 | Social services. | 107.26 | 118.53 | 133.83 | 143.44 |
| 75 | Membership organ | 102.67 | 98.99 | 104.29 | 108.68 |
| 76 | Other services ..... | 119.11 | 131.02 | 150.19 | 157.16 |
| 77 | Private households |  |  |  |  |
| 78 | Government | 103.12 | 105.96 | 100.87 | 102.79 |
| 79 | Federal. | 86.07 | 92.88 | 76.07 | 97.08 |
| 80 | General government. |  |  |  |  |
| 81 | Government enterprises ....................... | 86.07 | 92.88 | 76.07 | 97.08 |
| 82 | State and local | 107.57 | 109.38 | 107.30 | 104.41 |
| 84 | General government Government enterpris | 107.57 | 109.38 | 107.30 | 104.41 |
|  |  |  |  |  |  |

Table 12.A. Percent Changes in Chain-Type Quantity Indexes for Intermediate Inputs by Industry

| Line |  | 1999 | 2000 | 2001 | Average annual rate of change 1995-2000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | All industries | 4.6 | 3.2 | -2.4 | 4.6 |
| 2 | Private industries | 4.7 | 3.4 | -2.4 | 4.6 |
| 3 | Private goods-producing industries.. | 3.4 | 1.1 | -6.0 | . 9 |
| 4 | Agriculture, forestry, and fishing. | 0.6 | -2.0 | 1.7 | B. 6 |
| 5 | Farms. | -0.6 | -2.9 | 1.0 | 0.2 |
| 6 | Agricultural services, forestry, and fishing | 10.5 | 4.4 | 6.5 | 4.3 |
| 7 | Mining........................................... | -2.7 | 26.7 | -1.2 | 4.9 |
| 8 | Metal mining. | -29.0 | 13.2 | -26.7 | 7.5 |
| 10 | Coal mining ........... | -10.9 | 4.2 | -2.4 | . 3 |
| 11 | Nonmetallic minerals, except fuels.............................. | 5.4 | -20.0 | 0.4 | -3.7 |
| 12 | Construction.. | 3.0 | 0.1 | -1.4 | 2.3 |
| 13 | Manutacturing. | 3.8 | 0.6 | -7.1 | 4.2 |
| 14 | Durable goods | 7.7 | 0.0 | -11.2 | 6.0 |
| 15 | Lumber and wood products ............... | 6.2 | -4.4 | -5.3 | 3.1 |
| 16 | Furriture and fixtures ..................... | 4.1 | 1.0 | -14.8 | 5 |
| 17 | Stone, clay, and glass products........... | -0.1 | -1.0 | -9.2 | 4.0 |
| 18 | Primary metal industries.................. | -3.3 | -3.9 | -18.7 | 1. |
| 19 | Fabricated metal products. | 0.0 | 0.7 | -5.2 | 3.9 |
| 20 | Industrial machinery and equipment..... | 5.7 | -0.5 | -11.2 | 6.0 |
| 21 | Electronic and other electric equipment. | 20.4 | 24.7 | -25.7 | 16.6 |
| 22 | Motor vehicles and equipment ............ | 18.9 | -9.7 | -11.5 | 4.9 |
| $\begin{aligned} & 23 \\ & 24 \end{aligned}$ | Other transportation equipment. | -2.6 | -12.0 | 1.7 | 4.2 |
| 25 | Miscellaneous manulacturing industries | -3.2 | -7.3 | -1.4 | -0.1 |
| 26 | Nondurable goods ............................ | -0.6 | 1.2 | -2.6 | 2.2 |
| 27 | Food and kindred products.................. | -2.8 | 3.2 | 2.0 | 3.0 |
| 28 | tobacco products........................... | 10.1 | 8.2 | 2.2 | 6.9 |
| 29 | Textile mill products. | -2.3 | -4.6 | -9.4 | -0.7 |
| 30 | Apparel and other textile products......... | 7.5 | -5.4 | -7.8 | 0.6 |
| 31 | Paper and allied products.................. | 2.1 | 0.0 | -7.8 | 0.2 |
| 32 | Printing and publishing ..................... | -1.6 | 2.2 | -6.4 | 2.0 |
| ${ }_{34}$ | Chemicals and allied products............. | -1.6 | 1.5 | -6.9 | 2.8 |
| 34 | Petroleum and coal products. <br> Rubber and miscellaneous plastics | -3.4 | 0.8 | 3.0 | 0.7 |
|  | Rubber and miscellaneous plastics products. |  |  | -2.6 |  |
| 36 | Leather and leather products.................. | 5.5 | -9.2 | -11.3 | 5.0 |
| 37 | Private services-producing industries ............ | 5.8 | 5.4 | 0.6 | 5.3 |
| 38 | Iransportation and public utitilies ............. | 5.0 | 8.7 | 4.4 | 7.6 |
|  | Transportation. | 4.0 | 2.2 | -2.8 | 3.7 |
| 40 | Railroad transportation.... | 3.8 | -12.6 | -3.5 | -0.9 |
| 41 | Local and interurban passenger transit . | -9.5 | -5.6 | 3.4 | -2.4 |
| 42 | Trucking and warehousing. | 5.0 | 2.3 | -1.6 | 4.4 |
| 43 | Water transportation......................... | 7.6 | 11.5 | -11.2 | 5.3 |
| 44 | Transportation by air... | 1.5 | 7.8 | -4.4 | 4.3 |
| 45 | Pipelines, except naturat gas ............... | 17.5 | -2.7 | 2.5 | -12.0 |
| 46 | Transporation services ..................... | 5.2 | -8.5. | 3.8 | 5.3 |
| 47 | Communications. | 20.5 | 14.3 | 9.8 | 17.6 |
| 48 | Telephone and telegraph ........... | 22.1 | 15.8 | 12.2 | 18.2 |
| 49 50 | Readio and television ..................... | -13.9 | 8.1 13.2 1 | -0.7 9.2 | 15.4 2.6 |
| 51 | Wholesale trade | 8.3 | 1.1 | -2.6 | -0.6 |
| 52 | Hetail trade. | 10.1 | 2.9 | -3.1 | 2.5 |
|  | Finance, insurance, and real estate. | 3.6 | 2.3 | -3.9 | 4.1 |
| 54 | Depository institutions ................ | -6.0 | 1.3 | 2.0 | 1.2 |
| 55 | Nondepository instiutions. | 13.2 | -2.4 | -22.3 | 8.3 |
| 6 | Security and commodity brokers. | 30.5 | 22.3 | -45.2 | 22.9 |
| 7 | insurance carriers. | -2.8 | -19.9 | 17.1 |  |
| 58 | Insurance agents, brokers, and service ..... | 6.3 | 16.4 | -19.5 | 9.7 |
| 9 | Real estate. | -0.8 | 2.3 | 11.3 |  |
| 60 | Nontarm housing services | -1.7 | -3.7 | 13.3 | 1.9 |
| 62 | Holding and other investment offices | 4.5 | 11.2 | -9.7 | 2.1 |
| 63 | Services. | 6.0 | 8.0 | 3.9 | . 7 |
| 4 | Hotels and other lodging places | 3.7 | 7.8 | -14.9 |  |
| 65 | Personal services .................... | 9.9 | 8.3 | -2.2 | . 7 |
| 66 | 8usiness services. | 10.6 | 18.6 | 5.9 | 17.4 |
| 7 | Auto repair, services, and parking | -1.5 | 0.8 | 1.0 | 2.5 |
| 8 | Miscellianeous repair services........ | 5.2 | -2.2 | 9.1 | 3.0 |
| 69 |  | 7.5 | 4.5 2.9 | -5.4 | 5.2 |
| 71 | Health services ................................. | 1.6 | 1.4 | 8.6 | 3.9 |
| 72 | Legal services... | 4.3 | -11.9 | 3.4 | 5.6 |
| 73 | Educational services.. | 5.2 | 0.6 | -0.5 | 3.9 |
| 74 | Social services.................................. | 10.5 | 12.9 | 7.2 | 7.5 |
| 75 | Membership organizations ..................... | -3.6 | 5.4 | 4.2 | 2.8 |
| 76 | Other services. | 10.0 | 14.6 | 4.6 | 11.3 |
| 77 | Private households ............................... |  |  |  |  |
| 78 | Government .............................................. | 2.8 | -4.8 | 1.9 | 0.9 |
| 79 | Federal. | 7.9 | -18.1 | 27.6 | -2.5 |
| 80 81 8 | General government | 79 | -18.1 | 276 | -25 |
|  | State and local....................................... | 1.7 | -1.9 | -2.7 | 1.6 |
| $\begin{aligned} & 83 \\ & 84 \end{aligned}$ | General government | 1.7 | -1.9 | -2.7 | 1.6 |

Table 13. Chain-Type Price Indexes for Intermediate Inputs by Industry, 1998-2001
[1996=100]

| Line |  | 1998 | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | All industries | 98.92 | 99.93 | 184.60 | 105.36 |
| 2 | Private industries | 98.90 | 99.88 | 104.52 | 105.25 |
| 3 | Private goods-producing industries. | 95.33 | 95.53 | 100.39 | 99.57 |
| 4 | Agriculture, forestry, and fishing........... | 97.03 | 96.34 | 101.80 | 103.80 |
| 5 | Farms <br> Agricultural services, forestry, and | 97.10 | 96.47 | 102.41 | 104.53 |
| 6 | tishing | 96.58 | 95.44 | 97.68 | 98.89 |
| 7 | Mining. | 92.55 | 98.19 | 128.05 | 131.49 |
| 8 | Metal mining | 95.55 | 96.00 | 102.46 | 102.27 |
| 9 | Coal mining | 98.89 | 99.30 | 103.28 | 104.49 |
| 10 | Oil and gas extraction | 88.88 | 97.70 | 140.46 | 144.99 |
| 11 | Nonmetallic minerals, except tueis ....... | 97.35 | 99.69 | 107.09 | 108.35 |
| 12 | Construction. | 102.45 | 104.03 | 106.20 | 106.86 |
| 13 | Manufacturing | 94.59 | 94.58 | 98.95 | 97.68 |
| 14 | Durable goods | 95.77 | 94.11 | 94.70 | 92.80 |
| 15 | Lumber and wood products | 100.57 | 102.78 | 103.28 | 100.99 |
| 16 | Furniture and fixtures .......... | 100.40 | 100.58 | 103.21 | 102.89 |
| 17 | Stone, clay, and glass products | 101.16 | 102.35 | 106.37 | 108.14 |
| 18 | Primary metal industries... | 95.99 | 94.06 | 98.88 | 97.00 |
| 19 | Fabricated metal products | 99.59 | 97.47 | 100.94 | 99.97 |
| 20 | Industrial machinery and equipment Electronic and other electric | 92.16 | 88.91 | 88.05 | 84.96 |
| 21 | equipment ............................... | 90.01 | 86.64 | 84.53 | 80.70 |
| 22 | Motor vehicles and equipment | 97.40 | 96.50 | 96.92 | 96.05 |
| 23 | Other transportation equipment | 100.79 | 101.12 | 102.74 | 103.21 |
| 24 | Instruments and related products Miscellaneous manufacturing | 92.64 | 90.08 | 89.23 | 86.71 |
| 25 | industries | 99.32 | 99.43 | 102.55 | 102.55 |
| 26 | Nondurable goods. | 93.25 | 95.21 | 104.23 | 103.71 |
| 27 | Food and kindred products | 94.69 | 92.73 | 94.69 | 98.40 |
| 28 | Tobacco products... | 101.59 | 102.59 | 106.44 | 108.78 |
| 29 | Textile mill products. | 97.05 | 92.85 | 95.09 | 92.88 |
| 30 | Apparel and other textile products | 101.01 | 99.18 | 100.42 | 101.04 |
| 31 | Paper and allied products............... | 97.71 | 96.75 | 101.98 | 102.03 |
| 32 | Printing and publishing ....... | 99.80 | 99.78 | 103.79 | 105.01 |
| 33 | Chemicals and allied products......... | 96.46 | 98.63 | 108.51 | 109.16 |
| 34 | Petroleum and coal products. Rubber and miscellaneous plastics | 68.01 | 88.32 | 129.71 | 113.84 |
| 35 | products. | 97.88 | 98.10 | 104.15 | 104.03 |
| 36 | Leather and leather products. | 97.08 | 96.04 | 101.35 | 105.78 |
| 37 | Private services-producing industries ........ | 102.43 | 104.15 | 108.58 | 110.70 |
| 38 | Transportation and public utilities. | 97.35 | 100.03 | 109.58 | 110.27 |
| 39 | Transportation. | 97.77 | 101.54 | 110.98 | 111.09 |
| 40 | Railroad transportation $\qquad$ Local and interurban passenger | 97.14 | 99.38 | 107.94 | 106.70 |
| 41 | transit....................... | 91.56 | 96.39 | 108.21 | 106.29 |
| 42 | Trucking and warehousing | 98.69 | 102.81 | 111.38 | 112.18 |
| 43 | Water transportation | 101.32 | 104.17 | 110.49 | 112.14 |
| 44 | Transportation by air., | 93.56 | 97.56 | 112.40 | 110.28 |
| 45 | Pipelines, except natural ga | 98.43 | 100.74 | 107.59 | 109.17 |
| 46 | Transportation services.. | 103.52 | 106.17 | 110.37 | 111.79 |
| 47 | Communications ............................. | 99.54 | 98.76 | 99.60 | 98.58 |
| 48 | Telephone and telegraph | 98.42 | 96.70 | 96.75 | 95.08 |
| 49 | Radio and television ..................... | 104.21 | 107.70 | 112.34 | 114.81 |
| 50 | Electric, gas, and sanitary services....... | 93.86 | 99.58 | 124.52 | 129.32 |
| 51 | Wholesale trade | 99.35 | 100.11 | 102.77 | 103.49 |
| 52 | Hetail trade. | 102.79 | 105.08 | 109.04 | 112.17 |
| 53 | Finance, insurance, and real estate ....... | 107.74 | 109.71 | 113.21 | 117.15 |
| 54 | Depository institutions ...................... | 105.99 | 108.35 | 112.66 | 117.70 |
| 55 | Nondepository institutions ................ | 108.68 | 110.40 | 114.89 | 121.99 |
| 56 | Security and commodity brokers.. | 103.78 | 103.22 | 104.77 | 105.80 |
| 57 | Insurance carriers..................... | 106.41 | 108.98 | 113.23 | 117.17 |
| 58 | Insurance agents, brokers, and service | 103.70 | 105.26 | 108.76 | 110.78 |
| 59 | Real estate.................................... | 109.49 | 112.02 110.62 | 115.60 114.25 | 119.57 120.18 |
| 60 | Nonfarm housing services $\qquad$ Other real estate | 106.69 110.43 | 110.62 112.44 | 114.25 116.00 | 120.18 119.29 |
| 61 62 | Other real estate....................... | 110.43 <br> 109.37 <br> 10.37 | 112.44 112.25 | 116.00 116.46 10.35 | 119.29 123.47 |
| 63 | Services | 101.37 | 102.42 | 105.35 | 106.90 |
| 64 | Hotels and other lodging places | 103.85 | 105.85 | 109.89 | 113.74 |
| 65 | Personal services ... | 103.60 | 105.74 | 109.69 | 112.84 |
| 66 | Business services. | 96.34 | 95.12 | 96.04 | 95.16 |
| 67 | Auto repair, services, and parking | 100.36 | 102.26 | 106.26 | 107.75 |
| 68 | Miscellaneous repair services... | 98.84 | 99.59 | 102.02 | 102.32 |
| 69 | Motion pictures ............................... | 104.26 | 108.35 | 113.54 | 116.96 |
| 70 | Amusement and recreation services..... | 103.36 | 105.84 | 110.08 | 113.56 |
| 71 | Health services. | 101.86 | 103.01 | 106.11 | 108.02 |
| 72 | Legal services.......... | 104.65 | 107.54 | 111.76 | 115.25 |
| 73 | Educationat services. | 103.16 | 104.74 | 107.77 | 109.92 |
| 74 | Social services. | 102.05 | 103.98 | 107.76 | 110.26 |
| 75 | Membership organizations | $10 t .87$ | 102.80 | 105.65 | 107.66 |
| 76 | Other services................................. | 103.86 | 105.53 | 109.17 | 111.65 |
| 77 | Private households |  |  | ......... | ......... |
| 78 | Government | 100.43 | 103.36 | 111.43 | 114.46 |
| 79 | Federal. | 100.12 | 102.84 | 108.67 | 110.23 |
| 80 | General government.... |  |  |  |  |
| 81 | Government enterprises | 100.12 | 102.84 | 108.67 | 110.23 |
|  | State and local. | 100.51 | 103.48 | 112.02 | 115.36 |
| 84 | General government............................................... Government enterprises .......... | 100.51 | 103.48 | 112.02 | 115.36 |

Table 13.A. Percent Changes in Chain-Type Price Indexes for Intermediate Inputs by Industry

| Line |  | 1999 | 2000 | 2001 | Average annual rate of change 1995-2000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | All industries | 1.0 | 4.7 | 0.7 | 1.2 |
| 2 | Private industries | 1.0 | 4.6 | 0.7 | 1.2 |
| 3 | Private goods-producing industries .......... | 0.2 | 5.1 | -0.8 | 0.2 |
| 4 | Agriculture, forestry, and fishing.......... | -0.7 | 5.7 | 2.0 | 1.5 |
| 5 | Farms $\qquad$ Agricultural services, forestry, and | $-0.7$ | 6.2 | 2.1 | 1.7 |
| 6 | fishing $\qquad$ | -1.2 | 2.4 | 1.2 | 0.4 |
| 7 | Mining........................................... | 6.1 | 30.4 | 2.7 | 7.7 |
| 8 | Metal mining.............................................................. | 0.5 | 6.7 | -0.2 | 0.7 |
| 9 | Coal mining .................................. | 0.4 | 4.0 | 1.2 | 1.0 |
| 10 | Oil and gas extraction ................. | 9.9 | 43.8 | 3.2 | 11.6 |
| 11 | Nonmetallic minerals, except fuels. | 2.4 | 7.4 | 1.2 | 2.1 |
| 12 | Construction... | 1.5 | 2.1 | 0.6 | 1.5 |
| 13 | Manulacturing. | 0.0 | 4.6 | -1.3 | -0.2 |
| 14 | Durable goods. | -1.7 | 0.6 | -2.0 | -1.6 |
| 15 | Lumber and wood products | 2.2 | 0.5 | -2.2 | 0.6 |
| 16 | Furniture and fixtures ...... | 0.2 | 2.6 | -0.3 | 0.7 |
| 17 | Stone, clay, and glass products....... | 1.2 | 3.9 | 1.7 | 1.6 |
| 18 | Primary metal industries ............... | -2.0 | 5.1 | -1.9 | -0.8 |
| 19 | Fabricated metal products. | -2.1 | 3.6 | -1.0 | $-0.0$ |
| 20 | Industrial machinery and equipment Electronic and other electric | -3.5 | -1.0 | -3.5 | -3.4 |
| 21 | equipment .............................. | -3.7 | -2.4 | -4.5 | -4.6 |
| 22 | Motor vehicles and equipment | -0.9 | 0.4 | -0.9 | -0.8 |
| 23 | Other transportation equipment...... | 0.3 | 1.6 | 0.5 | 0.7 |
| 24 | Instruments and related products.... Miscellaneous manufacturing | -2.8 | -0.9 | -2.8 | -3.2 |
| 25 | industries.............................. | 0.1 | 3.1 | 0.0 | 0.6 |
| 26 | Nondurable goods. | 2.1 | 9.5 | -0.5 | 1.4 |
| 27 | Food and kindred produc | -2.1 | 2.1 | 3.9 | -0.5 |
| 28 | Tobacco products....... | 1.0 | 3.8 | 2.2 | 1.5 |
| 29 | Textile mill products ..................... | -4.3 | 2.4 | -2.3 | -1.1 |
| 30 | Apparel and other textile products... | - 1.8 | 1.2 | 0.6 | 0.3 |
| 31 | Paper and allied products .............. | -1.0 | 5.4 | 0.1 | -0.3 |
| 32 | Printing and publishing ................ | 0.0 | 4.0 | 1.2 | 0.5 |
| 33 | Chemicals and allied products........ | 2.3 | 10.0 | 0.6 | 2.0 |
| 34 | Petroleum and coal products......... | 29.9 | 46.9 | -12.2 | 8.8 |
| 35 | Rubber and miscellaneous plastics products | 0.2 | 6.2 | -0.1 | 0.5 |
| 36 | Leather and leather products.......... | -1.1 | 5.5 | 4.4 | -0.3 |
| 37 | Private services-producing industries ....... | 1.7 | 4.3 | 2.0 | 2.1 |
| 38 | Transportation and public utilities ........ | 2.8 | 9.5 | 0.6 | 2.9 |
| 39 | Transportation............................. | 3.9 | 9.3 | 0.1 | 2.9 |
| 40 | Railroad transportation $\qquad$ Local and interurban passenger | 2.3 | 8.6 | -1.1 | 2.6 |
| 41 | transit.............................. | 5.3 | 12.3 | -1.8 | 2.4 |
| 42 | Trucking and warehousing ............ | 4.2 | 8.3 | 0.7 | 2.9 |
| 43 | Water transportation..................... | 2.8 | 6.1 | 1.5 | 2.5 |
| 44 | Transportation by air .................... | 4.3 | 15.2 | -1.9 | 3.3 |
| 45 | Pipelines, except natural gas .......... | 2.3 | 6.8 | 1.5 | 2.0 |
| 46 | Transportation services ................ | 2.6 | 4.0 | 1.3 | 2.5 |
| 47 | Communications | -0.8 | 0.8 | -1.0 | 0.0 |
| 48 | Telephone and telegraph ................ | -1.7 | 0.1 | -1.7 | -0.7 |
| 49 | Radio and television ..................... | 3.3 | 4.3 | 2.2 | 3.0 |
| 50 | Electric, gas, and sanitary services...... | 6.1 | 25.1 | 3.8 | 7.0 |
| 51 | Wholesale trade ................................ | 0.8 | 2.7 | 0.7 | 0.6 |
| 52 | Retail trade..................................... | 2.2 | 3.8 | 2.9 | 2.2 |
| 53 | Finance, insurance, and real estate ...... | 1.8 | 3.2 | 3.5 | 3.1 |
| 54 | Depository institutions ..................... | 2.2 | 4.0 | 4.5 | 3.0 |
| 55 | Nondepository institutions ................ | 1.6 | 4.1 | 6.2 | 3.6 |
| 56 | Security and commodity brokers........ | -0.5 | 1.5 | 1.0 | 1.1 |
| 57 | Insurance carriers. | 2.4 | 3.9 | 3.5 | 3.2 |
| 58 | Insurance agents, brokers, and service | 1.5 | 3.3 | 1.9 | 2.0 |
| 59 | Real estate................................. | 2.3 | 3.2 | 3.4 | 3.5 |
| 60 | Nonfarm housing services............. | 3.7 | 3.3 | 5.2 | 3.3 |
| 61 | Other real estate......................... | 1.8 | 3.2 | 2.8 | 3.6 |
| 62 | Holding and other investment offices | 2.6 | 3.8 | 6.0 | 3.5 |
| 63 | Services .......................................... | 1.0 | 2.9 | 1.5 | 1.3 |
| 64 | Hotels and other lodging places ......... | 1.9 | 3.8 | 3.5 | 2.5 |
| 65 | Perssonal services ........................... | 2.1 | 3.7 | 2.9 | 2.4 |
| 66 | Business services ........................... | -1.3 | 1.0 | -0.9 | -1.1 |
| 67 | Auto repair, services, and parking ....... | 1.9 | 3.9 | 1.4 | 1.6 |
| 68 | Miscellaneous repair services............ | 0.8 | 2.4 | 0.3 | 0.5 |
| 69 | Motion pictures,............................ | 3.9 | 4.8 | 3.0 | 3.2 |
| 70 | Amusement and recreation services.... | 2.4 | 4.0 | 3.2 | 2.5 |
| 71 | Heafth services ............................... | 1.1 | 3.0 | 1.8 | 1.5 |
| 72 | Legal services................................ | 2.8 | 3.9 | 3.1 | 2.6 |
| 73 | Educational services ........................ | 1.5 | 2.9 | 2.0 | 1.9 |
| 74 | Social services............................ | 1.9 | 3.6 | 2.3 | 1.9 |
| 75 | Membership organizations ................ | 0.9 | 2.8 | 1.9 | 1.4 |
| 76 | Other services............................... | 1.6 | 3.4 | 2.3 | 2.2 |
| 77 | Private households .......................... |  |  |  |  |
| 78 | Government | 2.9 | 7.8 | 2.7 | 3.0 |
|  | Federal............................................. | 2.7 | 5.7 | 1.4 | 2.1 |
| 80 | General government ................................... |  |  |  |  |
| 81 | Government enterprises ....................... | 2.7 | 5.7 | 1.4 | 2.1 |
| 82 | State and local..................................... | 3.0 | 8.2 | 3.0 | 3.2 |
| $\begin{aligned} & 83 \\ & 84 \end{aligned}$ | General government Government enterprises | 3.0 | 8.2 | 3.0 | 3.2 |

Table 14. Current-Dollar Cost Per Unit of Real Gross Domestic Product by Private Industry Group, 1998-2001
[Doliars]

| Line |  | 1998 | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Private i | 1.025 | 1.035 | 1.055 | 1.075 |
| 2 | Compensation of employees | 0.542 | 0.553 | 0.570 | 0.581 |
| 3 | Indirect business tax and nontax liabiiity | 0.091 | 0.090 | 0.091 | 0.093 |
| 4 | Property-type income. | 0.392 | 0.391 | 0.394 | 0.401 |
| 5 | Private goods-producing industries | 0.991 | 0.993 | 1.008 | 1.021 |
| 6 | Compensation of employees | 0.595 | 0.596 | 0.614 | 0.631 |
| 7 | Indirect business tax and nontax liability | 0.039 | 0.039 | 0.042 | 0.045 |
| 8 | Property-type income......................... | 0.357 | 0.359 | 0.352 | 0.345 |
| 9 | Agriculture, forestry, and fishin | 0.880 | 0.826 | 0.805 | 0.858 |
| 10 | Compensation of employees | 0.319 | 0.322 | 0.316 | 0.351 |
| 11. | Indirect business tax and nontax liability | 0.048 | 0.047 | 0.045 | 0.048 |
| 12 | Property-type income. | 0.513 | 0.457 | 0.444 | 0.459 |
| 13 | Mining | 0.837 | 0.908 | 1.306 | 1.302 |
| 14 | Compensation of employees | 0.299 | 0.299 | 0.359 | 0.371 |
| 15 | Indirect business tax and nontax liability. | 0.098 | 0.101 | 0.135 | 0.140 |
| 16 | Property-type income., | 0.441 | 0.508 | 0.813 | 0.791 |
| 17 | Construction | 1.092 | 1.157 | 1.220 | 1.291 |
| 18 | Compensation of employees | 0.706 | 0.742 | 0.791 | 0.842 |
| 19 | Indirect business tax and non | 0.025 | 0.026 | 0.027 | 0.028 |
| 20 | Property-type income. | 0.361 | 0.389 | 0.403 | 0.421 |
| 21 | Manufacturing | 0.991 | 0.979 | 0.959 | 0.955 |
| 22 | Compensation of employees | 0.621 | 0.612 | 0.619 | 0.630 |
| 23 | Indirect business tax and nontax liability | 0.037 | 0.036 | 0.039 | 0.043 |
| 24 | Property-type income. | 0.333 | 0.331 | 0.300 | 0.282 |
| 25 | Durable goods | 0.930 | 0.899 | 0.849 | 0.821 |
| 26 | Compensation of employ | 0.630 | 0.617 | 0.600 | 0.597 |
| 27 | Indirect business tax and no | 0.023 | 0.022 | 0.021 | 0.023 |
| 28 | Property-type income. | 0.278 | 0.260 | 0.228 | 0.202 |
| 29 | Nondurable goods | 1.082 | 1.099 | 1.136 | 1.177 |
| 30 | Compensation of employees | 0.601 | 0.596 | 0.637 | 0.672 |
| 31 | Indirect business tax and nontax liability | 0.060 | 0.059 | 0.073 | 0.079 |
| 32 | Property-type income.. | 0.420 | 0.443 | 0.426 | 0.426 |
| 33 | Private services-producing industries .. | 1.038 | 1.050 | 1.073 | 1.095 |
| 34 | Compensation of employees ....... | 0.523 | 0.537 | 0.554 | 0.564 |
| 35 | Indirect business tax and nontax liability | 0.110 | 0.110 | 0.109 | 0.110 |
| 36 | Property-type income.. | 0.405 | 0.404 | 0.409 | 0.421 |
| 37 | Transportation and public utilities | 1.072 | 1.052 | 1.035 | 1.050 |
| 38 | Compensation of employees | 0.471 | 0.478 | 0.480 | 0.490 |
| 39 | Indirect business tax and nontax liability | 0.108 | 0.105 | 0.102 | 0.105 |
| 40 | Property-type income | 0.492 | 0.469 | 0.453 | 0.455 |
| 41 | Wholesale trade. | 0.916 | 0.911 | 0.929 | 0.909 |
| 42 | Compensation of employees. | 0.506 | 0.507 | 0.514 | 0.507 |
| 43 | Indirect business tax and nontax liability | 0.191 | 0.184 | 0.180 | 0.180 |
| 44 | Property-type income... | 0.219 | 0.219 | 0.235 | 0.222 |
| 45 | Betail trade. | 0.988 | 0.983 | 0.976 | 0.980 |
| 46 | Compensation of employees. | 0.561 | 0.566 | 0.562 | 0.558 |
| 47 | indirect business tax and nontax liability... | 0.177 | 0.179 | 0.175 | 0.171 |
| 48 | Property-type income............. | 0.250 | 0.239 | 0.239 | 0.251 |
| 49 | Finance, insurance, and real esta | 1.053 | 1.065 | 1.102 | 1.127 |
| 50 | Compensation of employees. | 0.263 | 0.271 | 0.280 | 0.289 |
| 51 | Indirect business tax and nontax liabiiity | 0.126 | 0.126 | 0.124 | 0.126 |
| 52 | Property-type income.... | 0.664 | 0.669 | 0.698 | 0.712 |
| 53 | Services. | 1.077 | 1.118 | 1.159 | 1.208 |
| 54 | Compensation of employees | 0.778 | 0.810 | 0.864 | 0.892 |
| 55 | Indirect business fax and nontax liability... | 0.032 | 0.034 | 0.035 | 0.036 |
| 56 | Property-type income..... | 0.267 | 0.275 | 0.260 | 0.280 |
| Note. Curremt-dollar cost per unit of real gross domestic product by industry equals the gross domestig product by industry price index divided by 100 . These unit-cost measures differ from the unit-labor-cost and unit-nonlabor-cost series published by the Bureau of Labor Statistics (BLS). See BLS Handbook of Methods, Builetin 2490 (Washington, DC: U.S. Government Printiang Ottice, April 1997). |  |  |  |  |  |

# Reconciliation of the U.S.-Canadian Current Account, 2000 and 2001 

By Anthony DiLullo and Denis Caron

ON a reconciled basis, the U.S. deficit, or Canadian surplus, is $\$ 40.4$ billion for 2000 and $\$ 40.0$ billion for 2001 (chart 1, table 1).' The U.S.-published current-account balance with Canada is a U.S. deficit of $\$ 30.5$ billion for 2000 and a U.S. deficit of $\$ 26.5$ billion for 2001; the corresponding Canadian-published balance is a Canadian surplus (U.S. deficit) of $\$ 42.8$ billion for 2000 and a Canadian surplus (U.S. deficit) of $\$ 42.5$ billion for 2001. ${ }^{2}$

This article presents the results of the reconciliation

[^13]This article will also be published in Canada's Balance of International Payments, Third Quarter 2002.

of the bilateral current-account estimates of Canada and the United States for 2000 and 2001. ${ }^{3}$ The details of the current-account reconciliation for 2000 and 2001 are presented in the tables that follow this article. Tables 2.1 and 2.2 show the details of the major types of reconciliation adjustments-definitional, methodological, and statistical-that were made to the major current-account components. Tables 3.1 and 3.2 present the published estimates, the estimates on a common basis (after the estimates have been adjusted for definitional and methodological differences), the reconciled estimates, and the amounts of the adjust-


#### Abstract

3. 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 each December of 1981-91. Complete details of the reconciliations for 1990 forward were published in the following issues of the Sunver: November 1992, each October of 1993-95, and each November of 1996-2001. 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 each Third Quarter 1981-2001.


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

|  | Published estimates |  | Reconciled estimates |  |
| :---: | :---: | :---: | :---: | :---: |
|  | United States | Canada | United States | Canada |
| 2000 |  |  |  |  |
| Goods and services ................................ | -48.6 | 57.7 | -58.6 | 58.6 |
| Goods .............................................. | -54.8 | 61.9 | -63.0 | 63.0 |
| Services .......................................... | 6.2 | -4.2 | 4.4 | -4.4 |
| Income............................................................... | 18.8 | -17.2 | 18.8 | -18.8 |
| Current unilateral transfers ............................ | -0.7 | 2.2 | -0.6 | 0.6 |
| Current account .......................................... | -30.5 | 42.8 | -40.4 | 40.4 |
| 2001 |  |  |  |  |
| Goods and services ................................... | -49.4 | 57.6 | -59.3 | 59.3 |
| Goods ................................................. | -55.4 | 61.9 | -63.9 | 63.9 |
| Services ............................................. | 6.1 | -4.3 | 4.6 | -4.6 |
| Income................................................... | 23.6 | -17.4 | 19.9 | -19.9 |
| Current unilateral transfers .......................... | -0.7 | 2.3 | -0.6 | 0.6 |
| Current account .......................................... | -26.5 | 42.5 | -40.0 | 40.0 |

Note. A U.S. surplus $(+)$ is a Canadian deficit ( - ), and a Canadian surplus ( + ) is a U.S. deficit $(-)$
Details may not add to totals because of rounding.
ments for each major current-account component. Tables 4-7 present the reconciliation details for goods, services, and investment income. ${ }^{4}$

## Reconciled Current-Account Balances

In the U.S. current account, the reconciliation adjustments resulted in an increase of $\$ 9.9$ billion in the U.S. deficit for 2000 and an increase of $\$ 13.5$ billion in the U.S. deficit for 2001. In both years, the increases reflect larger upward adjustments to the U.S. southbound estimates than to the U.S. northbound estimates (tables 2.1 and 2.2). ${ }^{5}$ The largest increases in the U.S. south-
4. For reconciliation, some of the details presented in the tables in this article differ from those presented in balance-of-payments tables regularly published by the U.S. Bureau of Economic Analysis and by Statistics Canada.
5. In this article, the term "northbound" refers to U.S. exports of goods and services, U.S. income receipts, and current unilateral transfers to the United States, and it refers to Canadian imports of goods and services, Canadian income payments, and current unilateral transfers from Canada. The term "southbound" refers to U.S. imports of goods and services, U.S. income payments, and current unilateral transfers from the United States, and it refers to Canadian exports of goods and services, Canadian income receipts, and current unilateral transfers to Canada.
bound estimates result from the addition of Canadian reexports to U.S. goods imports (a definitional adjustment), from the valuation of U.S. natural gas imports to include inland freight (a definitional adjustment), from an increase for undercoverage of some southbound services (a statistical adjustment), and for 2001, from adjustments for statistical differences in direct investment income. The largest increases in the U.S. northbound estimates result from upward adjustments to investment income for undercoverage of income on U.S. holdings of Canadian bonds (definitional and statistical adjustments).

In the Canadian current account, the reconciliation adjustments resulted in a decrease of $\$ 2.4$ billion in the 2000 Canadian surplus and in a decrease of $\$ 2.5$ billion in the 2001 Canadian surplus. In both years, the decreases reflect larger downward adjustments to the Canadian southbound estimates than to the Canadian northbound estimates. In both years, the Canadian southbound estimates were adjusted downward to account for definitional differences, mainly in unilateral transfers; for methodological differences, mainly the

## Note on the U.S.-Canadian Current-Account Reconciliation

The U.S.-Canadian current-account reconciliation, which explains the differences between the estimates of the bilateral current account published by the U.S. Bureau of Economic Analysis (BEA) and those published by Statistics Canada, is undertaken because of the extensive economic links between Canada and the United States. The reconciled estimates are intended to assist analysts who use both countries' statistics and to show how the current-account estimates would appear if both countries used common definitions, methodologies, and data sources. ${ }^{1}$

In principle, the bilateral current account of one country should mirror the bilateral current account of the other country. Differences occur in the published estimates of the U.S. and Canadian current accounts because of variations in the definitions, methodologies, and statistical sources that are used by each agency. Some of the differences for 2001 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.

1. A detailed article on the methodology was published by BEA in "Reconciliation of the U.S.-Canadian Current Account" in the November 1992 Survey and by Statistics Canada in Reconciliation of the Cana-dian-United States Current Account, 1990-91. Statistics Canada also published a shortened version in the December 1992 Canadian Economic Observer and in Canada's Balance of International Payments, Third Quarter 1992.

The longstanding Canadian-U.S. current-account reconciliation is among the leading examples of the benefits of international data exchanges. As a result of the reconciliation process and the exchange of data, the accuracy of the published estimates of transactions between Canada and the United States and the efficiency in producing the estimates have increased. 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 large transportation transactions-covers more than 80 percent of the value of the Canadian and U.S. current account and has eliminated some of the differences in the Canadian- and U.S.published estimates.

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, the protection of the confidentiality of the source data bars the exchange of data. Finally, a few differences are attributable to different requirements for integrating the international and national (domestic) accounts in each country.
netting of Canadian bank claims and liabilities in "other" investment income; and for statistical differences, mainly in "other" services and in direct investment income. In the Canadian northbound estimates, downward adjustments for definitional and methodological differences were mainly in investment income, and downward adjustments for statistical differences were mainly in "other" services. These downward adjustments were partly offset by upward adjustments for statistical differences in direct investment income.

The statistical adjustments to the U.S. and Canadian southbound direct investment income estimates for 2001 were unusually large. The U.S. published estimate shows net losses by U.S. affiliates of Canadian parents while the Canadian published estimate shows net profits. The difference between the U.S. and Canadian estimates partly reflects larger losses estimated by the U.S. Bureau of Economic Analysis (BEA) for U.S. manufacturing affiliates of Canadian parents than the losses estimated by Statistics Canada for these manufacturing affiliates. The estimates of income (losses) for affiliates in the manufacturing industry were arbitrarily recon-
ciled by averaging the U.S. and Canadian estimates. The reconciliation of direct investment income is restricted by the confidentiality of the source data, by the preliminary nature of the reports on which the 2001 estimates are based, and by the different approaches used by BEA and by Statistics Canada in estimating earnings (losses).

## Summary of Reconciliation Methodology

In reconciling the differences in the U.S.- and Cana-dian-published bilateral current-account estimates, the estimates are first restated on a common basis-that is, they are adjusted for definitional and methodological differences; the remaining adjustments that are needed to reach the reconciled values are the statistical adjustments. The framework for reconciling the U.S. and Canadian estimates to a common basis mainly follows the international standards published in the International Monetary Fund's Balance of Payments Manual (fifth edition). The U.S.- and Canadianpublished estimates now largely conform to the international standards, but some differences with the in-

Table 2.1. Summary of Reconciliation Adjustments, Northbound, 2000
[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 |  |  |  |  |
| Goods, balance of payments basis. | 140 | -218 | 226 |  | .............. | .............. | .............. | -820 | 366 | -1,038 |
| Valuation adjustments................................................................... | 140 | -218 |  | .... | ................ | .................. | .................. | ............. | 140 | -218 |
| Reclassification of equipment repairs from unaffitiated services. Statistical adjustments $\qquad$ |  |  | 226 | - | ....... | .................... | ............. | -1.......... | 226 | -820 |
| Services ..................................................................................................................................... | 30 | -436 | -226 | -69 | ............... |  | 1,437 | -1,262 | 1,241 | -1,767 |
| Travel............................................................................................................................................................... | 30 | - | 709 | .............. | ...... | ............. | 1 | 20 | 710 | 20 |
| Reclassification of education from unaffiliated services........................ |  | $\cdots$ | 511 | .............. | .............. | ............. | ..... | .............. | 511 | ......... |
| Reclassification of medical services from unaffiliated services Statistical adjustments | ................. | ................. | 198 |  | ..... | $\ldots$ | ............. 1 | ............. 20 | 198 | 20 |
| Passenger fares............................................................................................................................. |  |  |  |  |  | . | -289 |  | -289 |  |
| Statistical adjustments ...................................................................... |  |  |  |  |  |  | -289 |  | -289 |  |
| Other transportation........................................................................ | .............. | -109 |  | 202 | .............. | ........... | 13 | -16 | 13 | 77 |
|  | ................... | -109 | ............... |  | ................ | ................. | ............. | ......... | .............. | -109 |
| Reclassification of transportation services from unatfiliated services Statistical adjustments | .............. | ................. |  | 202 | .......... | .............. | ............. 13 | -............ | -............ 13 | - 202 |
| Other services ................................................................................ | 30 | -327 | -935 | -271 | .............. | .............. | 1.712 | -1,266 | 807 | -1,864 |
| Affiliated...................................................................................... | .............. | -99 | -310 | .............. | .............. | .............. | 821 | -2,396 | 511 | -2,495 |
| Valuation adjustments .............................................................. | .............. | -99 |  |  | ............. | .............. | ............. |  |  | -99 |
| Reclassification of film rentals to unaffiliated services...................... | .............. | .............. | -223 | ............... | .............. | .............. | .............. | .............. | -223 |  |
| Reclassification of courier services to unaffiliated services................... | .............. | .............. | -87 | ….......... | ...... | ....... |  |  | -87 | -2,396 |
| Statistical adjustments $\qquad$ <br> Unaffiliated |  | -228 | -625 | -271 |  |  | 821 | $-2,396$ 1,086 | 821 | -2,396 |
| Valuation adjustments .................................................................................................................... | 89 89 | -228 -228 | -625 |  | ............... | ….......... | 891 | 1,086 | +89 | -288 |
| Reclassification of transactions to or from other accounts ....................... | 8 | 28 | -........... | -271 | .................. | ..... |  |  | -625 | -271 |
| Statistical adjustments ................................................................ |  | - |  |  | .............. |  | 891 | 1,086 | 891 | 1,086 |
| U.S. military sales . | -59 | .............. |  |  | .... | .............. | .............. | 44 | -59 | 44 |
| Valuation adjustments.................................... | -59 |  | .............. |  | .............. |  |  |  | -59 |  |
| Statistical adjustments ................................................................... |  |  |  |  |  |  |  | 44 | .............. | 44 |
| Income. | 975 | -2,624 |  | 69 | -1,722 | -3,352 | -232 | 3,370 | -979 | -2,537 |
| Direct investment. |  | -491 | $\cdots$ | -28 | ......... | -119 | -858 | 3,117 | -858 | 2,479 |
| Valuation adjustments.................................................................. |  | -491 | , |  | . | ............. | .............. | , | .............. | -491 |
| Reclassification of dividends to "other" income $\qquad$ Adjustment of interest income to a net basis |  | ................. | -............... | -28 | ................ | -119 | ............... | -.............. | ................ | -28 -119 |
| Adjustment of interest income to a net basis ........................................................................................... |  |  |  |  | ......... | -19 | -858 | 3,117 | -858 | 3,117 |
| Other investment................................................................................ | 975 | -2,133 |  | 28 | $-1,722$ | -3,233 | 626 | 244 | -121 | -5,094 |
| Valuation adjustments..................................................................... | 975 | -2,133 | .............. |  | ............. | ........... | .............. | ....... | 975 | -2,133 |
| Reclassification of dividends from direct investment............................ | ............. |  | .............. | 28 |  |  | ........ | .......... |  | ${ }^{28}$ |
| Adjustment of interest income to a gross or net basis ........................... |  |  |  |  | -1,722 | -3,233 |  |  | $-1,722$ 626 | -3,233 |
| Statistical adjustments .................................................................. |  |  |  | ............ | .......... |  | 626 | 244 | 626 | 244 78 |
| Compensation of employees .... | ............ | ....... | .............. | 69 | ............. | ............. | ............. | 9 | .... | 78 |
| Current unilateral transfers.................................................................... |  | -302 |  |  | 180 |  | 114 |  | 294 | -302 |
| Valuation adjustments ...................................................................... |  | -302 |  | ............ |  | ................ | .......... | .............. |  | -302 |
| Adjustment of U.S. transters to a gross basis ......................................... |  |  | .............. | .............. | 180 | ............. |  | ......... | 180 | .............. |
| Statistical adjustments ............................................................................ |  |  |  |  | ............ | ............. | 114 | .............. | 114 | .............. |
| Total adjustments ...................................................................... | 1,145 | -3,580 |  |  | -1,542 | -3,352 | 1,319 | 1,288 | 922 | -5,644 |

ternational standards-and between the U.S. and Canadian estimates-remain in the published estimates because of data limitations, difficulties in determining country attribution, differences in classification, and because in a few cases, international standards provide for more than one acceptable treatment.

The definitional adjustments mainly reflect data limitations and differences in country attribution. For example, as part of the reconciliation, U.S.-published estimates of imports of goods from Canada are adjusted to include Canadian reexports to the United States (goods imported by Canada from third countries and then reexported to the United States without substantial change) because U.S. imports of goods are recorded on a country-of-origin basis. Another example of a definitional adjustment is that the Canadian estimates, mainly investment income, are adjusted to a basis that is net of withholding taxes because the U.S. withholding tax estimates-which are included on a global basis in the U.S.-published accounts-cannot be allocated by country for comparison with the Canadian estimates.

The methodological adjustments mainly reflect dif-

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Table 2.1. Summary of Reconciliation Adjustments, Northbound, 2001
[Millions of U.S. dollars]

|  | Definitional |  | Methodological |  |  |  | Statistical |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | United States | Canada | Reclassification |  | Gross or net |  | United States | Canada | United States | Canada |
|  |  |  | United States | Canada | United States | Canada |  |  |  |  |
| Goods, balance of payments basis $\qquad$ <br> Valuation adjustments. $\qquad$ <br> Reclassification of equipment repairs from unaffiliated services. <br> Statistical adjustments $\qquad$ | 125 125 | $\begin{aligned} & -199 \\ & -199 \end{aligned}$ | 264 | ................... | ….............. | …............ <br> ....... <br> .............$~$ | ............... |  | 389 125 264 | $\begin{array}{r} -1,006 \\ -199 \\ -\quad-807 \end{array}$ |
| Services ........................................................................................... | -1,006 | -416 | -264 | -69 | .............. | .............. | 1,084 | -362 | -186 | -847 |
| Travel |  |  | 791 |  | .............. | ... | -12 | 159 | 779 | 159 |
| Reclassification of education from unafililated services................................................................ |  |  | 570 | ... | .................... |  |  |  | 570 |  |
| Reclassification of medical services from unatiliated services Statistical adjustments |  |  | 221 | - |  |  | -12 | $159$ | -121 | .............. |
| Passenger fares................................................................................ |  |  |  |  |  |  | -289 |  |  |  |
| Statistical adjustments ..................................................................................... |  |  | ................. |  | ... | ................. | -289 | .............. | -289 | ................. |
| Other transportation ......................................................................... | ............... | -93 |  | 212 |  | ............. | 166 | -2 | 166 | 117 |
| Valuation adjustments ......................................................... |  | -93 | ............... |  | .............. | .............. | 166 | - | .............. | -93 |
| Reclassification of transportation services from unaffiliated services <br> Statistical adjustments. |  |  |  | 212 | .............. | ….......... | 166 | -2 | 166 | 212 -2 |
| Other services ................................................................................. | -1,006 | -323 | -1,055 | -281 | .............. | .............. | 1,219 | -519 | -842 | -1,123 |
| Affilated.................................................................................. | -1.057 | -93 | -362 | .... | ... | ............. | 368 | -1,698 | -1,051 | -1,791 |
| Valuation adjustments............................................................ | -1,057 | -93 |  | - | .............. | .............. | ............. | ............. | -1,057 | -93 |
| Reciassification of film rentals to unatfiliated services...................... | .......... | .............. | -238 | .............. | ............. | .............. | .............. | .............. | -238 |  |
| Reclassification of courier services to unafililated services Statistical adjustments |  |  | -124 | .............. | ................. | ................. | 368 | -1,698 | $\begin{array}{r}-124 \\ 368 \\ \hline\end{array}$ | $-1,698$ |
| Unaffiliated ................................................................................. | 90 | -230 | -693 | -281 |  |  | 851 | 1,119 | 248 | 608 |
| Valuation adjustments .............................................................. | 90 | -230 |  |  | ...... | .............. |  | .............. | 90 | -230 |
| Reclassification of transactions to or from other accounts .................. |  | .............. | -693 | -281 | .............. | ............. |  |  | -693 | -281 |
| Statistical adjustments .............................................................. |  |  |  |  |  |  | 851 | 1,119 | 851 | 1,119 |
| U.S. military sales ....................................................................... | -39 | ........... |  | ............ |  |  |  | 60 | -39 | 60 |
| Valuation adjustments ................................................................ | -39 | .............. | ............... | .............. | .............. | .............. | .............. |  | -39 |  |
| Statistical adjustments ............................................................... | ............. | .............. | .............. | ............... | .............. | .............. | - | 60 | ...... | 60 |
| Income ............................................................................................ | 852 | -2,835 | . | 69 | -1,250 | -2,246 | 972 | 1,172 | 574 | -3,840 |
| Direct investment ............................................................................ |  | -479 | .............. | -26 | ........ | -170 | -680 | 1,915 | -680 | 1,240 |
| Valuation adjustments .............................................................. | ............... | -479 | ............. | .............. | ............. |  | ............. | 1, | .............. | -479 |
| Reclassification of dividends to "other" income ................................... |  | .............. | .............. | $\therefore \quad-26$ | .............. | ..........7. | - | .............. | - | -26 |
| Adjustment of interest income to a net basis ....................................... |  | .............. | .............. | $\cdots$ | .............. | -170 |  |  |  | -170 |
| Statistical adjustments .................................................................... |  |  | ............. |  | ............. | ......... | -680 | 1.915 | -680 | 1,915 |
| Other investment ............................................................................. | 852 | -2,356 | ............. | 26 | -1,250 | -2,076 | 1,652 | -752 | 1,254 | -5,158 |
| Valuation adjustments............................................................... | 852 | -2,356 | .............. |  |  |  | $\qquad$ | ...... | 852 | -2,356 |
| Reclassification of dividends from direct investment $\qquad$ Adjustment of interest income to a gross or net basis |  | ... | ................ | $26$ | -1,250 | -2.......76 |  | ....... |  | $\begin{array}{r} 26 \\ -2,076 \end{array}$ |
| Adjustment of interest income to a gross or net basis $\qquad$ <br> Statistical adjustments $\qquad$ |  | .... | ............... | \|… | -1,250 | -2,076 | 1,652 | -752 | $-1,250$ 1,652 | -2.076 -752 |
| Compensation of employees .............................................................. |  |  |  | 69 |  |  | .... | 9 |  | 78 |
| Current unilateral transfers................................................................... | ............ | -333 | ............. |  | 186 | .............. | 136 | .............. | 322 | -333 |
| Valuation adjustments................................................................... |  | -333 | .............. | .............. |  | .............. |  | ..... |  | -333 |
| Adjustment of U.S. transfers to a gross basis ........................................ | .............. | .............. | .............. | .............. | 186 | ..... |  | .... | $\begin{aligned} & 186 \\ & 136 \end{aligned}$ | ............ |
| Statistical adjustments.................................................................... | .............. | ............. | .............. | .............. | .............. | ..... | 136 | ............. | 136 | .............. |
| Total adjustments ..................................................................... | -29 | -3,783 |  |  | -1,064 | -2,246 | 2,192 | 3 | 1,099 | -6,026 |

ferences in classification. For example, parts of the U.S. estimates of film rentals and courier services are recorded in various services accounts; for reconciliation, they are reclassified to a single account. A few U.S. and Canadian accounts, mainly interest income, are adjusted to a net or gross basis for comparability.

Statistical differences reflect the use of different source data in the United States and Canada; the difficulty in determining country attribution because of
insufficient data; the preliminary nature of some of the data, particularly for the most recent year; and the use of sample data between benchmarks. For the northbound estimates, most of the statistical differences are in the U.S. and Canadian estimates of "other" services and of investment income. For the southbound estimates, most of the statistical differences are in the U.S. and Canadian estimates of "other" services and of investment income.

Table 2.2. Summary of Reconciliation Adjustments, Southbound, 2000
[Millions of U.S. dollars]

|  | Definitional |  | Methodological |  |  |  | Statistical |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Canada | United States | Reclassification |  | Gross or net |  | Canada | United States | Canada | United States |
|  |  |  | Canada | United States | Canada | United States |  |  |  |  |
| Goods, balance of payments basis. $\qquad$ <br> Valuation adjustments. <br> Ganadian re-exports to the United States $\qquad$ <br> inland freight adjustment. <br> Reclassification of equipment repairs from unaffiliated services. <br> Statistical adjustments $\qquad$ | $\begin{array}{r} 103 \\ -1,677 \\ -\cdots, 780 \\ \hline 1,780 \end{array}$ | $\begin{aligned} & 8,158 \\ & 249 \\ & 6,129 \\ & 1,780 \end{aligned}$ | -... |  <br>  | …............. | ….......... |  |  |  | $\begin{array}{r} 8,568 \\ 249 \\ 6,129 \\ 1,780 \\ 3 \\ 407 \end{array}$ |
| Services | -295 | -44 | -205 | -3 |  |  | -1,561 | 3,046 | -2,059 | 3,002 |
| Travel. |  |  |  | 30 |  |  |  | -60 |  | -30 |
|  $\qquad$ Statistical adjustments | ........ | ................ | ................ | 30 | ... | .............. | ........ | -.... | .......... | 30 -60 |
| Passenger fares.............................................................................. | ...... |  |  |  |  |  |  |  |  |  |
| Other transportation | -111 | -104 | 105 | -121 |  |  | 29 | -23 | 24 | -248 |
| Valuation adjustments.............................................................. | -111 | -104 |  |  | ............. | .............. | ............. | ........ | -111 | -104 |
| Reclassification of courier services to unaffiliated services. Reclassification of transportation services from unaffiliated services......... |  | .............. | 105 | -121 | ................. |  |  | ................... | 105 | -121 |
| Statistical adjustments .................................................................... |  | .............. |  | ............... | ... | ..... | 29 | -23 | 29 | -23 |
| Other services ................................................................................. | -184 | 60 | -310 | 88 | ............. | .............. | -1,590 | 3,129 | -2,083 | 3,280 |
| Affiliated ................................................................................... | -28 | .............. | .............. | -29 | ............. | .............. | -2,024 | 978 | -2,052 | 949 |
| Valuation adjustments | -28 | ............... | …............ | -29 | ….......... | ............... | ............... | ........ | -28 |  |
| Reclassification of courier services to unaffiliated services. Statistical adjustments | .............. | .............. |  | -29 | .............. | ................ | -2,024 | $978$ | -2,024 | -29 978 |
| Unafiliated................................................................................. | -156 | 80 | -360 | 117 | ... | .............. | 434 | 2,15t | -84 | 2,346 |
| Valuation adjustments .......................................................... | -156 | 80 |  | ….........7 | .... | ................ | ....... | .............. | -156 | 80 |
| Reclassification of transactions to or from other accounts .................. |  |  | -360 | 117 | .............. | .............. | $434$ | $2,151$ | $\begin{array}{r}-360 \\ \hline 434 \\ \hline\end{array}$ | 117 2,151 |
| Statisticai adjustments ............................................................. |  |  |  |  |  |  | 434 | 2,151 | 434 | 2,151 |
| U.S. defense expenditures ................................................................... | .............. | -20 | 50 | .............. | .............. | .............. | .............. | .............. | 50 | -20 |
| Valuation adjustments................................................................. | .............. | -20 | 50 | .................. | ................. | .............. | .............. | ............... | 50 | -20 |
| Income............................................................................................ | -467 |  | 205 |  | -3,352 | -1,722 | -486 | 814 | -4,101 | -910 |
| Direct investment ............................................................................ | -271 |  |  | .............. | -119 |  | ............. | 903 | -2,094 | 902 |
| Valuation adjustments.................................................................. | -271 | .............. | .............. | .............. |  | ............. | ............. | ............. | -271 | ............ |
| Adjustment of interest income to a net basis ....................................... |  | ............... | .............. | .............. | -119 | .............. |  | 903 | -119 | 003 |
| Statistical adjustments ................................................................. |  | .............. | .............. | .............. | ...... | ........ | -1,703 | 903 | -1,703 | 903 |
| Other investment............................................................................. | -196 |  |  |  | -3,233 | -1,722 | 1,061 | -89 | -2,368 | -1,812 |
| Valuation adjustments................................................................. | -196 |  |  |  |  |  |  |  | -196 |  |
| Adjustment of interest income to a gross or net basis ............................ |  |  | .... |  | -3,233 | -1,722 |  |  | -3,233 | $-1,723$ -89 |
| Statistical adjustments ......................... |  |  | ............... |  |  |  | 1,061 | -89 | t,061 | -89 |
| Compensation of employees .............................................................. |  |  | 205 |  |  | ............. | 156 | ............. | 361 | .............. |
| Current unilateral transiers................................................................... | -1,911 |  | ............... | ............... | .... | 180 | -11 | .... | -1,921 | 180 |
| Valuation adjustments.................................................................... | -1,911 |  | .............. | .............. | ...... |  | ............ | ...... | -1,911 |  |
| Adiustment of U.S. transiers to a gross basis |  |  |  |  | ............. | 180 |  | ..... | -1..... | 180 |
| Statistical adjustments ..................................................................... |  | ............. |  |  | .............. | ............. | -11 | .............. | -11 | .............. |
| Total adjustments.......................................................................... | -2,570 | 8,114 |  |  | -3,352 | -1,542 | -2,084 | 4,267 | -8,004 | 10,841 |

Table 2.2. Summary of Reconciliation Adjustments, Southbound, 2001
[Millions of U.S. dollars]

|  | Definitional |  | Methodological |  |  |  | Statistical |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Canada | United | Reclassification |  | Gross or net |  | Canada | United States | Canada | United States |
|  |  |  | Canada | United States | Canada | United States |  |  |  |  |
| Goods, balance of payments basis $\qquad$ <br> Valuation adjustments <br> Canadian re-exports to the United States. $\qquad$ Inland freight adjustment. <br> Reclassification of equipment repairs from unaffiliated services $\qquad$ Statistical adjustments. |  | 8,461 <br> 307 <br> 6,005 <br> 2,149 <br> $\cdots \cdots . . . .$. |  |  |  |  |  |  |  | $\begin{array}{r} 8,857 \\ 307 \\ 6,005 \\ 2,149 \\ 9 \\ 387 \end{array}$ |
| Services. | -278 | $-739$ | $-201$ | $\begin{aligned} & -9 \\ & 36 \\ & 36 \end{aligned}$ | $\ldots$ | …-6....... | - ${ }^{-663}$ | 1,997 -59 | -1,142 | 1,247-2336-59 |
| Travel. <br> Reclassification of education from unaffiliated services $\qquad$ Staistical adiustments |  |  | ............... |  |  |  |  | -59 $-\quad-59$ | $\cdots$ |  |
| Passenger fares. |  | .............. | .-........... | $\cdots$ | $\ldots$ | $\ldots$ | ............. | ${ }^{-59}$ | $\ldots$ |  |
| Other transportation. | -111 <br> -111 <br> $\cdots . .$. | $\begin{array}{r}-109 \\ -109 \\ \cdots . . . \\ \hline\end{array}$ | ............. | $\begin{array}{r} -144 \\ \hdashline-\quad . \quad-144 \end{array}$ | ….......... |  | - 79 | - -67 | $\begin{array}{r}\text { 59 } \\ -111 \\ \hline\end{array}$ | -320-109-144 |
| Vaiuation adjustments Reclassification of courier services to unatfiliated services |  |  | 91 |  | (............. | -….......... | .............. | ............. |  |  |
| Reclassification of transportation services from unatfiliated services Statistical adjustments. | $\cdots$ | $\cdots$ |  | $\cdots$ | $\ldots$ | …-......... | ..........79 |  | $\begin{aligned} & 91 \\ & 79 \end{aligned}$ |  |
| Other services........... | $\begin{array}{r}-167 \\ -21 \\ -21 \\ -21 \\ \hline \ldots . . \\ \hline\end{array}$ | $\begin{aligned} & -630 \\ & -692 \\ & -692 \end{aligned}$ | -292 |  | ............. | ............. | -742 | 2,123 | -1,201 | $\begin{array}{r} 1,590 \\ -406 \\ -692 \\ -28 \\ -214 \end{array}$ |
| Affiliated........ju......... |  |  |  |  | ............ |  | -1,182 | 314 | -1,203 |  |
|  |  |  | $\cdots$ | - | ……....... | …............. |  | $\cdots$ | -1,182 |  |
| Statistical adjustments.......................... | $\left.\begin{array}{r} -\ldots . . . . . . . . . . . . ~ \\ -146 \\ -146 \end{array} \right\rvert\,$ | $\begin{array}{r}82 \\ 82 \\ \hline \cdots . . . . . . . . . . . . ~\end{array}$ | $\ldots$ | -1........... 127 | .............. |  |  |  |  |  |
| Unafiliated ......................................................... |  |  |  |  |  |  |  | ( ${ }^{2} \begin{array}{r}314 \\ 1,809 \\ \hline\end{array}$ | $\begin{array}{r} -55 \\ -146 \\ -349 \\ 440 \end{array}$ | 2,018821271,809 |
|  |  |  | -349 |  | +.......... | ............ | $\cdots$ | $\left\|\begin{array}{r} \cdots \\ \cdots, . . . . . . . . . . . . . . ~ \end{array}\right\|$ |  |  |
|  |  | $\begin{aligned} & -20 \\ & -20 \end{aligned}$ |  |  |  |  |  |  |  |  |
| U.S. defense expenditures ..................................... | $\ldots$ |  | 57 |  |  |  |  |  |  | -20-20 |
| Valuation adjustments ............................ |  |  |  |  |  |  |  |  |  |  |
| Reclassification of defense expenditures from unaffiliated services | $\begin{aligned} & -678 \\ & -207 \\ & -207 \end{aligned}$ |  | 57201 | $\cdots$ | -2, ${ }^{-246}$ | -1,250 | $\begin{aligned} & -3,603 \\ & -4,772 \end{aligned}$ | 5,535 <br> 5,330 | $\begin{array}{r} -6,34 \\ -5,148 \\ -207 \\ -170 \\ -170 \end{array}$ | 4,2855,330 |
| ncome .. |  | ............... |  |  |  |  |  |  |  |  |
| Direct investment............................................ |  |  |  |  | -170 <br> $-\quad-170$ |  |  |  |  |  |
| Valuation adjustments <br> Adjustment of interest income to a net basis., |  |  |  |  |  |  | $\cdots$ | -............. |  |  |
|  |  |  |  |  |  |  |  |  | -4,772 |  |
| Other investment.......... | $\begin{array}{r} -471 \\ -471 \end{array}$ |  | $\square$ | $\cdots$ | $\begin{array}{r} -2,076 \\ \cdots \cdots-2,076 \end{array}$ | $\left\|\begin{array}{r} -1,250 \\ \cdots \\ \cdots,-1,250 \end{array}\right\|$ |  | 4205 | $\begin{array}{r}-1,552 \\ -471 \\ -2.076 \\ \hline 994\end{array}$ | $\begin{array}{r} -1,045 \\ -1.2050 \\ -105 \end{array}$ |
| Valuation adjustments .......................................................... |  |  |  |  |  |  |  |  |  |  |
| adjustment of interest income to a gross or net basis. Statistical adjustments. <br> ts |  |  |  |  |  |  | 994 | 205 |  |  |
| Compensation of employees..................................... |  | .................. | 201 | $\cdots$ | $\ldots$ | - | 175 |  | 376 | 186 |
| Current unilateral transters ............................ | $\begin{aligned} & -1,990 \\ & -1,990 \end{aligned}$ | $\qquad$ |  | ................. |  |  | - ${ }^{-13}$ |  |  |  |
| Valuation adjustments ....................................... |  |  | $\cdots . . . . . . . . . . . . . ~$ <br> $\cdots \cdots . . . . . . . . . . . . . . ~$ <br> $\cdots$ |  |  | 186 |  | …........... | $\begin{array}{r} -1,990 \\ -13 \end{array}$ | 186 |
| Adutiticen adjustments.............................. |  |  |  |  |  |  | -13 |  |  |  |
| Total adjustments | -2,714 | 7,722 | .............. | .............. | -2,246 | -1,064 | -3,545 | 7,979 | -8,503 | 14,574 |

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

|  | Published estimates |  |  | Common-basis estimates, after definitional and methodological adjustments |  |  | Reconciled estimates, including statistical adjustments |  | Total adjustments to published estimates |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | U.S. | Canadian payments | Difference | U.S. receipts | Canadian payments | Difference | U.S. receipts | Canadian payments | United States | Canada |
| 2000 |  |  |  |  |  |  |  |  |  |  |
| Goods and services....... | 202,518 | 206,930 | -4,412 | 202,690 | 206,202 | -3,512 | 204,125 | 204,125 | 1,607 | -2,805 |
| Goods, balance of payments basis..................... | 178,877 | 180,281 | -1,404 | 179,243 | 180,063 | -820 | 179,243 | 179,243 | 366 | -1,038 |
| Services ................................................... | 23.641 | 26,649 | -3,008 | 23,447 | 26,139 | -2,692 | 24,882 | 24,882 | 1,241 | -1,767 |
| Travel ................................................................................. | 7,055 | 77.745 | -690 | 7,764 | 77.745 | 19 | 7.765 | 7,765 | '710 | 20 |
| Passenger fares | 1,713 <br> 2,571 | 1,424 | 289 64 | 1,713 2 2 | 1,424 2 2 | 289 | 1,424 <br> 2,584 | 1,424 <br> 2.584 | -289 13 | 77 |
| Other services ................................................. | 12,302 | 14,973 | -2,671 | 11,399 | 14,371 | -2,972 | 13,109 | 13,109 | 807 | -1,864 |
| Income..................................................... | 27.667 | 29,225 | -1,558 | 26,919 | 23,320 | 3,599 | 26,688 | 26,688 | -979 | -2.537 |
| Investment income ...................................... | 27,589 | 29,225 | -1,636 | 26,841 | 23,251 | 3.590 | 26,610 | 26.610 |  | -2,615 |
| Oirect investment. | 14,688 12,901 | 11,351 17,874 | 3,337 $-4,973$ | 14,687 $+2,154$ | 10,715 12,536 | ${ }^{3} \mathbf{3} 9782$ | 13,830 12,780 | 13,830 12,780 | -858 -121 | 2,479 -5.094 |
| Compensation of employees................................... | , 78 | (1) | -4,78 | 12, 78 | -69 | -9 |  | 78 |  | ${ }^{78}$ |
| Current unilateral transfers ............................... | ${ }^{(2)}$ | 596 | -596 | 180 | 294 | -114 | 294 | 294 | 294 | -302 |
| Current account, northbound ...................... | 230,185 | 236,751 | -6,566 | 229,789 | 229,816 | -27 | 231,107 | 231,107 | 922 | -5,644 |
| 2001 |  |  |  |  |  |  |  |  |  |  |
| Goods and services....................................... | 187,757 | 189,813 | -2,056 | 186,874 | 189,130 | -2,256 | 187,960 | 187,960 | 203 | -1,853 |
| Goods, balance of payments basis..................... | 163,309 | 164,704 | -1,395 | 163,698 | 164,506 | -808 | 163,698 | 163,698 | 389 | -1,006 |
| Services .................................................... | 24,448 | 25,109 | -661 | 23,176 | 24,624 | -1,448 | 24,262 | 24,262 | -186 | -847 |
| Travel .................................................. | 6.484 | 7.104 | -620 | 7,275 | 7,104 | 171 | 7.263 | 7,263 | 779 | 159 |
| Passenger fares ..................................... | 1,668 | 1,379 | 289 | 1,668 | 1,379 | 289 | 1,379 | 1,379 | -289 |  |
|  | 2,212 14,084 | $\begin{array}{r}\text { 2,261 } \\ 14,365 \\ \hline\end{array}$ | -49 -281 | 2,212 12,021 | $\begin{array}{r}2,380 \\ 13,761 \\ \hline 1\end{array}$ | -180 $\begin{array}{r}-168 \\ -1,740\end{array}$ | $\begin{array}{r}2,378 \\ 13,242 \\ \hline\end{array}$ | $\begin{array}{r}2,378 \\ 13,242 \\ \hline\end{array}$ | 166 -842 | 117 $-1,123$ |
| Income.. | 21,919 | 26,333 | -4,414 | 21,521 | 21,321 | 200 | 22.493 | 22.493 | 574 | $-3.840$ |
| investment income ......................................... | 21,841 | 26,333 | -4,492 | 21,443 | 21,252 | 191 | 22,415 | 22,415 | 574 | -3.918 |
| Direct investment...................................... | 11,773 | 9,853 | 1,920 | 11,773 | 9,176 | 2,597 | 11,093 | 11,093 | -680 | - 1,240 |
| Other investment.................................. | 10,068 | 16,480 | -6,412 | 9,670 | 12,076 | -2,406 | 11,322 | 11,322 | 1,254 | -5,158 |
|  | 78 (2) | ${ }^{(1)}$ | 78 -655 | 188 | 69 322 | 9 -136 | -78 | 828 | 322 | 78 -333 |
| Current account, northbound ...................... | 209,676 | 216,801 | -7,125 | 208,581 | 210,773 | -2,192 | 210,775 | 210,775 | 1,099 | -6,026 |

1. In the Canadian published accounts, compensation of employees is included in "other" services.
2. Current unilateral transfers are published on a net basis in the U.S. accounts, and appear as net payments in table 3.2 .

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

|  | Published estimates |  |  | Common-basis estimates, after definitional and methodological adjustments |  |  | Reconciled estimates, including statistical adjustments |  | Total adjustments to published estimates |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Canadian receipts | $\begin{gathered} \text { U.S. } \\ \text { payments } \end{gathered}$ | Difference | Canadian receipts | U.S. payments | Difference | Canadian receipts | U.S. payments | Canada | United States |
| 2000 |  |  |  |  |  |  |  |  |  |  |
| Goods and services .............. | 264,664 | 251,112 | 13,552 | 264,267 | 259,229 | 5,038 | 262,682 | 262,682 | -1,982 | 11,570 |
| Goods. | 242,170 | 233,679 | 8,491 | 242,274 | 241,840 | 434 | 242,247 | 242,247 | 77 | 8,568 |
| Services. | 22.494 | 17,433 | 5,061 | 21,993 | 17,389 | 4,604 | 20.435 | 20,435 | -2,059 | 3,002 |
| Travel....... | 6.337 | 6,367 | -30 | 6,337 | 6,397 | -60 | 6.337 | 6,337 | , | -30 |
| Passenger lares........ | $\begin{array}{r}\text { 327 } \\ 3,309 \\ \hline\end{array}$ | 3,581 | -272 | $\begin{array}{r}3,304 \\ \hline\end{array}$ | 3,356 | $-52$ | 3,333 | 3,333 | 24 | -248 |
| Other services ......... | 12,021 | 6,658 | 5,363 | 11,524 | 6,809 | 4,716 | 9,938 | 9,938 | -2,083 | 3,280 |
| income........................................................ | 12,014 | 8,823 | 3,191 | 8.402 | 7.101 | 1,301 | 7,913 | 7,913 | -4,101 | -910 |
| Investment income....................................... | 12.014 | 8,462 | 3,552 | 8,196 | 6.740 | 1,456 | 7.552 | 7.552 | -4,462 | -910 |
| Direct investment....................................... | 4,053 | 1,057 | 2,996 | 3,664 | 1,057 | 2,607 | 1,959 | 1,959 | -2,094 | 902 |
| Other investment....................................... | 7,961 | 7,405 | 556 | 4,532 | 5,683 | -1,151 | 5,593 | 5.593 | -2,368 | -1,812 |
| Other private investment........................... | 6,789 | 5,672 | 1,117 | 3,254 | 3,950 | -696 | 3,975 | 3,975 | -2,814 | -1,697 |
| U.S. Government liabilities ... | 1,172 | 1,733 | -561 | 1,278 | 1,733 | -455 | 1,618 | 1,618 | 446 | -115 |
| Compensation of employees ........................... | ${ }^{(1)}$ | 361 | -361 | 206 | 361 | -155 | 361 | 361 | 361 |  |
| Current unilateral transfers............................... | 2,826 | 724 | 2,102 | 915 | 905 | 10 | 905 | 905 | -1,921 | 180 |
| Current account, southbound .... | 279,504 | 260,659 | 18,845 | 273,584 | 267,235 | 6,349 | 271,500 | 271,500 | -8,004 | 10,841 |
| 2001 |  |  |  |  |  |  |  |  |  |  |
| Goods and services......................................... | 247,446 | 237,166 | 10,280 | 247,199 | 244,886 | 2,313 | 247,270 | 247,270 | -176 | 10,104 |
| Goods..... | 226,626 | 218,735 | 7,891 | 226,858 | 227,205 | -347 | 227,592 | 227,592 | 966 | 8,857 |
| Services .................................................... | 20,820 | 18,431 | 2,389 | 20,341 | 17,681 | 2,660 | 19,678 | 19,678 | -1,142 | 1,247 |
|  | 6,454 | 6.477 | -23 | 6,454 | 6,513 | -59 | 6.454 | 6,454 | ............... | -23 |
| Passenger tares. $\qquad$ | 684 2 2.919 | $\begin{array}{r}\text { 3 } \\ 3,298 \\ \hline\end{array}$ | -379 | 2,889 2.899 | 3.045 | -146 | 2,978 | 2,978 | 59 | -320 |
| Other sevices ........................................................ | 10,763 | 7,972 | 2,791 | 10,304 | 7,439 | 2,865 | 9,562 | 9,562 | -1,201 | 1,590 |
| Income...................................................... | 8.885 | -1.724 | 10.609 | 6.162 | -2.975 | 9.137 | 2,561 | 2,561 | -6,324 | 4,285 |
| Investment income...................................... | 8.885 | -2,100 | 10,985 | 5,957 | -3,351 | 9,308 | 2,185 | 2,185 | -6,700 | 4,285 |
| Direct investment...................................... | 2,741 | -7,737 | 10,478 | 2,364 | -7,737 | 10,101 | -2,407 | -2,407 | -5,148 | 5,330 |
| Other investment...................................... | 6,144 | 5,637 | 507 | 3,593 | 4,386 | -793 | 4,592 | 4,592 | -1,552 | -1,045 |
| Other private investment........................... | 4,903 | 3,974 | 929 | 2,528 | 2,723 | -195 | 3,078 | 3,078 | -1,825 | -896 |
| U.S. Government liabiities .......................... | 1.241 | 1,663 | -422 | 1.065 | 1,663 | -598 | 1,514 | 1,514 | 273 | -149 |
| Compensation of employees ............................ | (1) | 376 | -376 | 205 | 376 | -171 | 376 | 376 | 376 |  |
| Current unilateral transfers.................................. | 2,932 | 744 | 2,188 | 942 | 929 | 13 | 929 | 929 | -2,003 | 186 |
| Current account, southbound ...................... | 259,263 | 236,186 | 23,077 | 254,303 | 242,840 | 11,463 | 250,760 | 250,760 | -8,503 | 14,574 |

1. In the Canadian published accounts, compensation of employees is included in "other" services

Table 4.1. Trade in Goods, Northbound [Millions of U.S. dollars]

|  | $\begin{gathered} \text { U.S. } \\ \text { receipts } \end{gathered}$ | Canadian payments | Type of adjustment |
| :---: | :---: | :---: | :---: |
| 2000 |  |  |  |
| Balance of payments basis, published.................................................................... | 178,877 | 180,281 |  |
| Definitionat and methodological adjustments: |  |  |  |
| Valuation adjustments ............................................................................. | 140 | -218 | Definitional |
| Reclassification of equipment repairs from unatfiliated services ....................................... | 226 |  | Reclassification |
| Common basis, atter definitional and methodological adjustments.................................... | 179,243 | 180,063 |  |
| Statistical adjustments ......... |  | -820 | Statistical |
| Reconciled, including statistical adjustments.. | 179,243 | 179,243 |  |
| 2001 |  |  |  |
| Balance of payments basis, published............ | 163,309 | 164,704 |  |
| Definitional and methodological adjustments: |  |  |  |
| Valuation adjustments ......... | 125 | -199 | Definitional |
| Reciassification of equipment repairs from unaffiliated services ................................ | 264 |  | Reclassilication |
| Common basis, after definitional and methodological adjustments... | 163,698 | 164,505 |  |
| Statistical adjustments ....................................................................................... |  | -807 | Statistical |
| Reconciled, includiny statistical adjustments ............................................................ | 163,698 | 163,698 |  |

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

|  | Canadian receipts | U.S. payments | Type of adjustment |
| :---: | :---: | :---: | :---: |
| 2000 |  |  |  |
| Baiance ol payments basis, published. | 242,170 | 233,679 |  |
| Definitional and methodological adjustments: |  |  |  |
| Valuation adjustments. | -1,677 | 249 | Definitional |
| Canadian reexports to the United States................................................................ |  | 6,129 | Definitional |
| Inland freight adjustment.... | 1,780 | 1,780 | Definitional |
| Reclassification of equipment repairs trom unafililated services ................................. |  |  | Reclassitication |
| Common dasis, atter definitional and methodological adjustments................................... | 242,274 | 241,840 |  |
| Statistical adjustments. | -26 | 407 | Statistical |
| Reconciled, including statistical adjustments ................................................................. | 242,247 | 242,247 |  |
| 2001 |  |  |  |
| Baiance of payments hasis, published .............................................................................. | 226,626 | 218,735 |  |
| Definitional and methodological adjustments: |  |  |  |
| Valuation adjustments. | -1,917 | 307 | Definitiona! |
| Canadian reexports to the United States ................................................................. |  | 6,005 | Definitional |
| Inland freight adjustment............................................................................... | 2,149 | 2.149 | Definitional |
| Reclassification of equipment repairs from unafililated services .................................. | ........... |  | Reclassification |
| Common basis, atter detinitional and methodological adjustments................................... | 226,858 | 227,205 |  |
| Statistical adjustments ................................................................................ | 734 | 387 | Statistical |
|  | 227,592 | 227,592 |  |

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

|  | Published estimates |  |  | Common-basis estimates, after definitional and methodological adjustments |  |  | Reconciled estimates, including statistical adjustments |  | Total adiustments to published estimates |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | U.S. receipts | Canadian payments | Difference | U.S. receipts | Canadian payments | Difference | $\begin{aligned} & \text { U.S. } \\ & \text { receipts } \end{aligned}$ | Canadian payments | United States | Canada | Type of adjustment |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |
| Travel........ | 7,055 | 7,745 | -690 | 7,764 | 7,745 | 19 | 7,765 | 7,765 | 710 | 20 |  |
| Business and personal Education $\qquad$ Medical. $\qquad$ | $7,055$ | 7,056 491 198 | -1 -491 -198 | $\begin{array}{r}7,055 \\ 511 \\ 198 \\ \hline\end{array}$ | 7,056 491 198 | -1 20 | 7,056 511 198 | 7.056 511 198 | 1 511 198 | 20 | Statistical <br> Reclassification and statistical Reciassification |
| Passenger fares ................... | 1,713 | 1,424 | 289 | 1,713 | 1,424 | 289 | 1,424 | 1,424 | -289 | ............ | Statistical |
| Other transportation .............. | 2,571 | 2,507 | 64 | 2,571 | 2,599 | -28 | 2,584 | 2,584 | 13 | 77 |  |
| Freight............................ | 2,007 | 2,106 | -99 | 1,999 | 1,997 | 2 | 1,993 | 1,993 | -14 | -113 |  |
| Ocean .......................... | 138 | 276 | -138 | 130 | 142 | -12 | 136 | 136 | -2 | -140 | Definitional, reclassification, and statistical |
| Air ....................................... | 86 | 33 | 53 | 86 | , 58 | 28 | 58 | 58 | -28 | 25 | Definitional and statistical |
| Truck Other | 1,404 379 | 1,404 393 | -14 | $\begin{array}{r}1,404 \\ 379 \\ \hline\end{array}$ | 1,404 393 | $-14$ | 1,404 395 | 1,404 395 | 16 | ........... 2 | Statistical |
| Port services ..................................... | 564 | 393 361 | -14 | 564 | 563 | -r 1 | 552 | 552 | -12 | 191 | Statstical |
| Vossel operators................ | 65 | 42 | 23 | 65 | 42 | 23 | 42 | 42 | -23 | ............ | Statistical |
| Airline operators............. | 319 | 319 | 180 | 319 | 319 | ...... | 319 | 319 | 11 | 191 |  |
| Other ........................... | 180 | .............. | 180 | 180 | 202 | -22 | 191 | 191 | 11 | 191 | Reclassitication and statistical |
| Other ............................... |  | 39 | -39 | 8 | 39 | -31 | 39 | 39 | 39 | .. | Reciassification and statistical |
| 2001 |  |  |  |  |  |  |  |  |  |  |  |
| Travel................................ | 6,484 | 7,104 | -620 | 7,275 | 7,104 | 171 | 7,263 | 7,263 | 779 | 159 |  |
| Business and personal........ | 6.484 | 6.472 | 12 | 6,484 | 6.472 | 12 | 6,472 | 6,472 | -12 |  | Statistical |
| Education ........................ | .............. | 421 | -421 | 570 | 421 | 149 | 570 | 570 | 570 | 149 | Reclassification and statistical |
| Medical............................. | .............. | 211 | -211 | 221 | 211 | 10 | 221 | 221 | 221 | 10 | Reclassification |
| Passenger fares ................... | 1,668 | 1,379 | 289 | 1,668 | 1,379 | 289 | 1,379 | 1,379 | -289 | ............ | Statistical |
| Other transportation .............. | 2,212 | 2,261 | -49 | 2,212 | 2,380 | -168 | 2,378 | 2,378 | 166 | 117 |  |
| Freight............................. | 1,837 | 1,892 | -55 | t,829 | 1,799 | 30 | 1,810 | 1,810 | -27 | -82 |  |
| Ocean........................... | 146 | 248 | -102 | 138 | 138 | 35 | 138 | 138 | -8 | -110 | Definitional, reclassification, and statistical |
| Air .............................. | 80 | 28 | 52 | 80 | 45 | 35 | 45 | 45 | -35 | 17 | Definitional and statistical |
| Truck ........................... | 1,243 | 1,244 | -1 | 1,243 | 1,244 | -1 | 1,243 | 1,243 | 16 | -1 | Statistical |
| Other ........................... | 368 | 372 | -4 | 368 | 372 | -4 | 384 | 384 | 16 | 12 | Statistical |
| Port services .................... | 375 | 333 | 42 | 375 | 545 | -170 | 533 | 533 | 158 | 200 |  |
| Vessel operators............. | 45 | 21 | 24 | 45 | 21 | 24 | 21 | 21 | -24 |  | Statistical |
| Airline operators............. | 127 | 297 | -170 | 127 | 297 | -170 | 297 | 297 | 170 |  | Statistical |
| Other ........................... | 203 | 15 | 188 | 203 | 227 | -24 | 215 | 215 | 12 | 200 | Reclassification and statistical |
| Other .............................. | .............. | 35 | -35 | 8 | 35 | -27 | 35 | 35 | 35 | ..... | Reclassification and statistical |

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

|  | Published estimates |  |  | Common-basis estimates, after definitional and methodological adjustments |  |  | Reconciled estimates, including statistical adjustments |  | Total adjustments to published estimates |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Canadian receipts | $\begin{gathered} \text { U.S. } \\ \text { payments } \end{gathered}$ | Difference | Canadian receipts | U.S. payments | Difference | Canadian receipts | U.S. payments | Canada | United States | Type of adjustment |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |
| Travel..... | 6,337 | 6,367 | -30 | 6,337 | 6,397 | -60 | 6,337 | 6,337 |  | 0 |  |
| Business and personal Education Medical $\qquad$ | $\begin{array}{r} 6,209 \\ 79 \\ 49 \end{array}$ | 6,367 | -158 <br> -19 <br> 99 <br> 49 | 6,209 <br> 79 <br> 49 | 6,367 30 | -158 -49 49 | $\begin{array}{r} 6,209 \\ 79 \\ 49 \end{array}$ | $\begin{array}{r} 6,209 \\ 79 \\ 49 \\ 49 \end{array}$ | ${ }_{\text {a }}$ | -158 -79 49 | Statistical Reclassification and statistical Statistical |
| Passenger fares ............... | 827 | 827 | ............... | 827 | 827 |  | 827 | 827 | $\ldots$ | …............ |  |
| Other transportation.......... | 3,309 | 3,581 | -272 | 3,304 | 3,356 | -52 | 3,333 | 3,333 | 24 | -248 |  |
| Freight......................... | 2,671 | 2,763 | -92 | 2,650 | 2,623 | 27 | 2637 | 2,637 | -34 | -126 |  |
| Ocean............................ | 171 | 137 | 39 | 150 | 124 | 26 | 137 57 | 137 | -34 | 5 | Definitional, reclassification, and statistical |
| Air ....................... |  |  |  | $\begin{array}{r}57 \\ \hline 235 \\ \hline\end{array}$ |  | $\cdots$ | $\begin{array}{r}57 \\ \hline 235 \\ \hline\end{array}$ |  | ..... | ............... |  |
| Land | $\begin{array}{r}2,335 \\ 108 \\ \hline\end{array}$ | 2,335 | -131 | 2,335 | $\begin{array}{r}2,335 \\ \hline 107\end{array}$ | 1 | 108 | $\begin{array}{r}2,335 \\ \hline 108\end{array}$ | $\cdots$ | -131 | Reclassification and statistical |
| Port services ................. | 541 | 818 | -277 | 650 | 725 | -75 | 688 | 688 | 147 | -130 |  |
| Vessei operators......... | 53 | 208 | -155 | $\begin{array}{r}57 \\ \hline\end{array}$ | 104 <br> 384 | -47 | ${ }^{81}$ | 81 | 28 | -127 | Definitional and statistical |
|  | 384 104 | 105 | -121 | 364 209 | 384 237 | -28 | 223 | 324 223 | 119 | -118 | Reclassilication Reciassitication and statistical |
| Other ................... | 98 |  | 98 | 4 | 8 | -4 | 8 | 8 | -90 | 8 | Definitional, reclassification, and statistical |
| 2001 |  |  |  |  |  |  |  |  |  |  |  |
| Travel........................... | 6,454 | 6,477 | -23 | 6,454 | 6,513 | -59 | 6,454 | 6,454 |  | -23 |  |
| Business and personal.... | 6,316 | 6,477 | -161 | 6,316 | 6,477 | -161 | 6,316 | 6,316 |  | -161 | Statistical |
| Education |  |  | 89 49 |  | 36 | $\begin{aligned} & 53 \\ & 49 \end{aligned}$ | $\begin{aligned} & 89 \\ & 49 \end{aligned}$ |  | -........... | $\begin{aligned} & 89 \\ & 49 \end{aligned}$ | Reclassification and statisticai Statistical |
| Passenger fares ............... | 684 | 684 | $\ldots$ | 684 | 684 | ..... | 684 | 684 |  |  |  |
| Other transportation .......... | 2,919 | 3,298 | -379 | 2,899 | 3,045 | -146 | 2,978 | 2,978 | 59 | -320 |  |
| Freight........................ | 2,325 | 2,461 | -136 | 2,297 | 2,299 | -2 | 2,292 | 2,292 | -33 | -169 |  |
| Ocean | $\begin{array}{r}158 \\ 44 \\ \hline\end{array}$ | 146 45 | 12 -1 | $\begin{array}{r}130 \\ 44 \\ \hline\end{array}$ | $\begin{array}{r}118 \\ 45 \\ \hline 1\end{array}$ | 12 -1 | 124 45 4 | 124 | -34 | -22 | Definitional, reclassification, and statistical |
| Air ......................... | $\begin{array}{r}\text { r } \\ 2,028 \\ \hline\end{array}$ | 1,45 2,028 | -1 | 2,028 | 2,028 | -1 | 2,028 | 2.028 |  |  | Statistical |
| Other......................... | 95 | 242 | -147 | 95 | 108 | -13 | 95 | 95 |  | -147 | Reclassitication and statistical |
| Port services... | 505 | 837 | -332 | 599 | 718 | -119 | 658 | 658 | 153 | -179 |  |
| Vessel operators......... | 38 | 219 | -8181 | 41 | 110 | -69 | 76 | 76 | 38 | -143 | Definitional and statistical |
| Airline operators......... | 367 100 | 511 107 | -144 -7 | 367 191 | $\begin{aligned} & 367 \\ & 241 \end{aligned}$ | -50 | $\begin{aligned} & 367 \\ & 215 \end{aligned}$ | 367 215 |  | -144 -108 | Reclassification Reclassification and statistical |
| Other .......................... | 89 |  | 89 | 3 | 28 | -25 | 28 | 28 | -61 | 28 | Definitional, reclassification, and statistical |

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

|  | Published estimates |  |  | Common-basis estimates, after definitional and methodological adjustments |  |  | Reconciled estimates, including statistical adjustments |  | Total adjustments to published estimates |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{\|c\|} \hline \text { U.S. } \\ \text { receipts } \end{array}$ | Canadian payments | Difference | $\begin{aligned} & \text { U.S. } \\ & \text { receipts } \end{aligned}$ | Canadian payments | Difference | U.S. receipts | Canadian payments | United States | Canada | Type of adjustment |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |
| Total... | 12,302 | 14,973 | -2,671 | 11,399 | 14,371 | -2,972 | 13,109 | 13,109 | 807 | -1,864 |  |
| Affiliated. | 5,732 | 8,738 | -3,006 | 5,422 | 8,636 | -3,214 | 6,243 | 6,243 | 511 | -2,495 | Definitional, reclassification, and statistical |
| Royalties and license fees $\qquad$ Other services | 1.569 4.163 | 2,053 6,685 | -2.522 | 1,569 <br> 3.853 | 2,022 6,614 | -2,763 | (1) | (1) | (1) | (1) |  |
| Unaffiliated........ | 6,469 | 6,234 | 235 | 5,933 | 5,733 | 200 | 6,822 | 6,822 | 355 | 589 |  |
| Royalties, license fees, and selected services ... | 1,730 | 1,273 | 457 | 1,698 | 1,258 | 440 | 1,698 | 1,698 | -32 | 425 | Reclassitication and statistical |
| Insurance.............................................. | 258 | 347 | -89 | 347 | 321 |  | 347 | 347 | 89 |  | Definitional and statistical |
| Financial Services.................................... | 1,007 | 873 | 134 | 1,007 | 932 | 75 | 1,061 | 1,061 | -54 | 188 | Definitional and statistical |
|  | 527 501 | 21 751 | - 506 | 5016 | $\begin{array}{r}22 \\ 394 \\ \hline\end{array}$ | -6 |  |  | -505 |  | Reclassitication and statistical |
| ions | 539 | 751 525 | - 14 | 539 | 526 | 13 | 539 | 539 |  | -250 |  |
| Business services ........................................ | 1,353 | 848 | 505 | 1,016 | 1,104 | -88 | 1,492 | 1,492 | 139 | 644 | Recolassification and statistical |
| Sports and entertainment ........................... | 392 | 1,166 | -774 | 647 | 1,006 | -359 | 980 | 980 | 588 | -186 | Reclassification and statistical |
| Other private | ...... | 238 | -238 |  | ............. |  |  |  |  | -238 | Definitional and reciassification |
| United States (nonmilitary)..................... | 74 | 62 | 12 | 74 | 62 | 12 | 74 | 74 |  | 12 | Statistical |
| Canada............................................ | 88 | 130 | -42 | 88 | 108 | -20 | 108 | 108 | 20 | -22 | Definitional and statistical |
| U.S. military sales ...................................... | 103 |  | 103 | 44 |  | 44 | 44 | 44 | -59 | 44 | Definitional and statistical |
| 2001 |  |  |  |  |  |  |  |  |  |  |  |
| Total................................................... | 14,084 | 14,365 | -281 | 12,021 | 13,761 | -1,740 | 13,242 | 13,242 | -842 | -1,123 |  |
| Affiliated................................................. | 7,348 | 8,088 | -740 | 5,929 | 7,993 | -2,064 | 6,297 | 6,297 | -1,051 | -1,791 | Definitional, reclassification, and statistical |
| Royalties and license fees............................ | 1,561 | 1,983 | $-422$ | 1,561 | 1,950 | -389 | (1) | (1) | (1) | (1) |  |
| Other services......... | 5,787 | 6,105 | -318 | 4,368 | 6,043 | -1,675 | (1) | (1) | (1) | (1) |  |
| Unafililated............................................. | 6,635 | 6,279 | 356 | 6,032 | 5.768 | 264 | 6,884 | 6,884 | 253 | 606 |  |
| Royalties, license tees, and selected services ... | 1,852 | 1,329 | 523 | 1,811 | 1,309 | 502 | 1,811 | 1,811 | -41 | 482 | Reclassification and statistical |
| Insurance............................................ | 212 | 366 | -154 | 302 | 341 | -39 | 302 | 302 | 90 | -64 | Definitional and statistical |
| Financial services . . ................................. | 1,001 | 892 | 109 | 1,001 | 956 | 45 | 1,216 | 1,216 | -215 | 324 | Definitional and statistical |
| Education and training ................................. | 595 | 19 | - 576 | 25 | 20 | 5 | 25 | 25 | -570 | ${ }^{6}$ | Reclassification and statistical |
| Communications...................................... | 512 | 786 520 | -274 -32 | 512 488 | $\begin{array}{r}424 \\ 522 \\ \hline\end{array}$ | 88 -34 -34 | 512 488 | 488 | $\cdots$ | -274 -32 | Reclassification and statistical Statistical |
| Business services ........................................................ | 1,275 | 778 | 497 | 914 | 1,041 | $-127$ | 1,335 | 1,335 | 60 | 557 | Reclassification and statistical |
| Sports and entertainment ............................ | 504 | 1,151 | -647 | 783 | 984 | -201 | 1,019 | 1,019 | 515 | -132 | Reclassitication and statistical |
| Other private $\qquad$ | ... | 246 | -246 | ........... |  |  |  |  |  | -246 | Definitional and reclassification |
| United States (nonmilitary) .... | 72 | 67 | 5 | 72 | 67 | 5 | 72 | 72 |  | 5 | Statistical |
| Canada ............................................. | 124 | 125 | -1 | 124 | 104 | 20 | 104 | 104 | -20 | -21 | Definitional and statistical |
| U.S. military sales ........................................ | 99 |  | 99 | 60 |  | 60 | 60 | 60 | -39 | 60 | Definitional and statistical |

1. Royalies and license lees are combined with "other" services for reconciliation.

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

|  | Published estimates |  |  | Common-basis estimates, after definitional and methodological adjustments |  |  | Reconciled estimates, including statistica! adjustments |  | Total adjustments to published estimates |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Canadian receipts | U.S. payments | Difference | Canadian receipts | U.S: payments | Difference | Canadian receipts | U.S. payments | Canada | United States | Type of adjustment |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |
| Total | 12,021 | 6,658 | 5,363 | 11,524 | 6,809 | 4,716 | 9,938 | 9,938 | -2,083 | 3,280 |  |
| Affiliated ..................................................... | 5,994 | 2,993 | 3,001 | 5,966 | 2.964 | 3,002 | 3,942 | 3,942 | -2,052 | 949 | Definitional, reclassification, and statistical |
| Royalties and license fees ............................ | 469 | 730 | -261 | 464 | 730 | -266 | ${ }^{1}$ | (1) | (1) | (1) |  |
| Other services ........................................... | 5,525 | 2,263 | 3,262 | 5,502 | 2,234 | 3,268 | ( ${ }^{1}$ | (1) | (1) | (1) |  |
| Unaffiliated ................................................... | 6,028 | 3,598 | 2,430 | 5,512 | 3,791 | 1,721 | 5,944 | 5,944 | -84 | 2,346 |  |
| Royalties, license fees, and selected services ... | 1,724 | 666 | 1,058 | 1,724 | 651 | 1,072 | 1,724 | 1,724 |  | 1.057 | Definitional and statistical |
| Insurance ................................................. | 180 | 302 | -122 | 180 | 382 | -202 | 263 | 263 | 83 | -39 | Definitional and statistical |
| Financial services.......................................... | 412 | 243 | 169 | 412 | 243 | 169 | 353 | 353 | -59 | 110 | Statistical |
| Education and training ................................ | 47 | 30 | 17 | 21 |  | 21 | 21 | 21 | -26 | -9 | Reclassification and statistical |
| Communications ........................................ | 682 | 227 | 455 | 361 | 227 | 134 | 294 | 294 | -388 | 67 | Reclassification and statistical |
| Computer services ..................................... | 655 | 569 | 86 | 655 1 | 569 | 86 | 612 | 612 | -43 | 43 | Statistical |
| Business services..................................... | 976 | 1,270 | -294 | 1,071 | 1,172 | -101 | 1,561 | 1,561 | 585 | 291 | Reclassification and statistical |
| Sports and entertainment............................. | $89 t$ | 57 | 834 | 847 | 313 | 534 | 847 | 847 | -44 | 790 | Reclassification and statistical |
| Other private | 219 |  | 219 | $\cdots$ | .............. | ........... |  | …........... | -219 | .......... | Definitional and reclassification |
| United States (nondefense) ....................... | 36 |  | 36 | 36 |  | 36 | 36 | 36 |  | 36 | Statistical |
| Canada ................................................ | 206 | 234 | -28 | 206 | 234 | -28 | 234 | 234 | 28 | ... | Statistical |
| U.S. defense expenditures............................... | ............. | 70 | -70 | 50 | 50 | .... | 50 | 50 | 50 | -20 | Reclassification and statistical |
| 2001 |  |  |  |  |  |  |  |  |  |  |  |
| Total....................................................... | 10,763 | 7,972 | 2,791 | 10,304 | 7,439 | 2,865 | 9,562 | 9,562 | -1,201 | 1,590 |  |
| Aftiliated ...................................................... | 5,113 | 4,316 | 797 | 5,092 | 3,596 | 1,496 | 3,910 | 3,910 | -1,203 | -406 | Definitional, reclassitication, and statistical |
| Royalties and license fees ............................. | 447 | 990 | -543 | 446 | 990 | -544 | (1) | ${ }^{(1)}$ | (1) | (') |  |
| Other services ........................................... | 4,666 | 3,326 | 1,340 | 4,646 | 2,606 | 2,040 | (1) | (1) | (1) | ( ${ }^{\prime}$ ) |  |
| Unaffiliated ................................................... | 5,650 | 3,577 | 2,073 | 5,156 | 3,781 | 1,375 | 5,595 | 5,595 | -55 | 2,018 |  |
| Royalties, license fees, and selected services ... | 1,653 | 600 | 1,053 | 1,653 | 587 | 1,066 | 1,653 | 1,653 |  | 1,053 | Definitional and statistical |
| Insurance ................................................ | 165 | 370 | -205 | 164 | 452 | -288 | 271 | 271 | 106 | -99 | Definitional and statistical |
| Financial services ...................................... | 343 | 193 | 150 | 349 | 193 | 156 | 269 | 269 | -74 | 76 | Statistical |
| Education and training ................................. | 46 | 36 | 10 | 18 |  | 18 | 18 | 18 | -28 | -18 | Reclassification and statistical |
| Communications ....................................... | 630 | 184 | 446 | 297 | 184 | 113 | 241 | 241 | -389 | 57 | Reclassification and statistical |
| Computer services ..................................... | 562 | 562 |  | 562 | 562 |  | 524 | 524 | -38 | -38 | Statistical |
| Business services...................................... | 863 | 1,350 | -487 | 980 | 1,234 | -254 | 1,520 | 1,520 | 657 | 170 | Reclassification and statistical |
| Sports and entertainment............................ | 891 | 61 | 830 | 843 | 348 | 495 | 843 | 843 | -48 | 782 | Reclassification and statistical |
| Other private ............................................. | 207 |  | 207 | ......... |  | ............... |  |  | -207 | .......... | Definitional and reclassification |
| Government: <br> United States (nondefense) |  |  | 35 | 35 |  | 35 | 35 | 35 |  | 35 | Statistical |
| Canada .......................................................... | 255 | 221 | 34 | 255 | 221 | 34 | 221 | 221 | -34 |  | Statistical |
| U.S. defense expenditures............................... | ............. | 77 | -77 | 57 | 57 | ................ | 57 | 57 | 57 | -20 | Reclassification and statistical |

Table 7.1. Investment Income, Northbound
[Millions of U.S. dollars]

|  | Published estimates |  |  | Common-basis estimates, after definitional and methodological adjustments |  |  | Reconciled estimates, including statistical adjustments |  | Total adjustments to published estimates |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | U.S. receipts | Canadian payments | Difference | $\underset{\text { receipts }}{\text { U.S. }}$ | Canadian payments | Difference | U.S. receipts | Canadian payments | United States | Canada | Type of adjustment |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |
| Investment income....... | 27,589 | 29,225 | -1,636 | 26,841 | 23,251 | 3,590 | 26,610 | 26,610 | -979 | -2,615 |  |
| Direct investment income ....................... | 14,688 | 11,351 | 3,337 | 14,687 | 10,715 | 3,972 | 13,830 | 13,830 | -858 | 2,479 |  |
| Earnings of incorporated atfiliates......... | 13,649 | 10,065 | 3.584 | 13,649 | 9.627 | 4,022 | 12,574 | 12,574 | -1,075 | 2,509 |  |
| Dividends................................. | 3.171 | 3.419 | -248 | 3,171 | 2.895 | 276 | 3.033 | 3.033 | -138 | -386 | Definitional. reclassificication, and statistical |
| Reinvested earnings.................... | 10,478 | 6,646 | 3,832 | 10,478 | 6,732 | 3,746 -179 | 9,541 | 9,541 | -937 | 2,895 | Definitional and statistical |
| Earnings of unincorporated atfiliates..... interest | $\begin{aligned} & 428 \\ & 611 \end{aligned}$ | $\begin{aligned} & 607 \\ & 679 \end{aligned}$ | -179 -68 | $\begin{aligned} & 428 \\ & 611 \end{aligned}$ | 607 482 | $\begin{array}{r}-179 \\ \hline 129 \\ \hline\end{array}$ | 623 633 | 623 633 | $\begin{array}{r}195 \\ 22 \\ \hline\end{array}$ | 16 -46 | Statistical <br> Definitional, gross to net, and statistical |
| Other investment income. | 12,901 | 17,874 | -4,973 | 12,154 | 12,536 | -382 | 12,780 | 12,780 | -121 | -5,094 |  |
| Securities ................... | 8,013 | 10,636 | -2,623 | 8,988 | 9,646 | -658 | 9,754 | 9,754 | 1,741 | -882 |  |
| Dividends....... | 1,512 | 1,119 | 393 | 1.512 | 1,081 | 431 | 1,189 | 1,189 | -323 | 70 | Definitional, reclassification, and statistical |
| Interest on bonds ......................... | 6.501 | 9,517 | -3,016 | 7,476 | 8,565 | -1,089 | 8,565 | 8,565 | 2,064 | -952 | Definitional and statistical |
| U.S. claims/Canadian liabilities............. | 4,888 | 7,238 | -2,350 | 3,166 | 2,892 | 274 | 3,026 | 3.026 | -1.862 | -4,212 |  |
| U.S. bank claims | 3,946 942 | 4,064 3,174 | - $\begin{array}{r}-118 \\ -2,232\end{array}$ | 1,213 1,953 | 2,060 | 381 -107 | 1,084 1,942 | 1,084 1,942 | $-2,862$ 1,000 | $-2,980$ $-1,232$ | Net to gross, gross to net, and statistical Net to gross and statistical |
| 2001 |  |  |  |  |  |  |  |  |  |  |  |
| Investment income............................... | 21,841 | 26,333 | -4,492 | 21,443 | 21,252 | 191 | 22,475 | 22,415 | 574 | -3,918 |  |
| Direct investment income..................... | 11,773 | 9,853 | 1,920 | 11,773 | 9,176 | 2,597 | 11,093 | 11,093 | -680 | 1,240 |  |
| Earnings of incorporated affiliates......... | 11,103 | 9,024 | 2,079 | 11,103 | 8,580 | 2,523 | 10,333 | 10,333 | -770 | 1,309 |  |
| Dividends ................................ | 3,076 | 4,329 | -1,253 | 3,076 | 3,875 | -799 | 3,136 | 3,136 | 60 | -1.193 | Definitional, reclassification, and statistical |
| Reinvested earnings.................. | 8.027 | 4,695 | 3,332 | 8.027 | 4,705 | 3,322 | 7,197 | 7.197 | -830 | 2,502 | Definitional and statistical |
| Earnings of unincorporated atfiliates...... Interest. | $\begin{aligned} & 103 \\ & 567 \end{aligned}$ | 276 553 | $\begin{array}{r}-173 \\ \hline 14\end{array}$ | 103 567 | 276 320 | -173 | 195 567 | $\begin{aligned} & 195 \\ & 567 \end{aligned}$ | 92 | -81 14 | Statistical <br> Definitional, gross to net, and statistical |
| Other investment income ...................... | 10,068 | 16,480 | -6,412 | 9,670 | 12,076 | -2,406 | 11,322 | 11,322 | 1,254 | -5,158 |  |
| Securities ....................................... | 6,757 | 11,285 | -4,528 | 7.609 | 10,200 | -2,591 | 9,360 | 9,360 | 2,603 | -1,925 |  |
| Dividends .................................. | 1,077 | 1,288 | -211 | 1,077 | 1.202 | -125 | 1,140 | 1,140 | 63 | -148 | Definitional, reclassificication, and statistical |
| Interest on bonds ........................... | 5,680 | 9,997 | -4,317 | 6,532 | 8,998 | -2,466 | 8,220 | 8,220 | 2,540 | -1,777 | Deffinitional and statistical |
| U.S. claims/Canadian liabilities.............. | 3,311 2688 | 5,195 | -1,884 | 2.061 | 1.876 | 185 | 1,963 | 1.963 | -1,348 | -3,232 |  |
| U.S. bank claims........................ | $\begin{array}{r}2.668 \\ \hline 643\end{array}$ | 2,576 2,619 | -1,976 | 1,789 1,272 | 1,500 1,376 | - 289 | 1,703 1,260 | 1,703 1,260 | -1,965 | $\begin{aligned} & -1,873 \\ & -1,359 \end{aligned}$ | Net to gross, gross to net, and statistical Net to gross and statistical |

Table 7.2. Investment Income, Southbound
[Millions of U.S. dollars]

|  | Published estimates |  |  | Common-basis estimates, after definitional and methodological adjustments |  |  | Reconciled estimates, including statistical adjustments |  | Total adjustments to published estimates |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Canadian receipts | U.S. payments | Difference | Canadian receipts | U.S. payments | Difference | Canadian receipts | U.S. payments | Canada | United States | Type of adjustment |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |
| Investment income. | 12,014 | 8,462 | 3,552 | 8,196 | 6,740 | 1,456 | 7,552 | 7,552 | -4,462 | -910 |  |
| Direct investment income...... | 4,053 | 1,057 | 2,996 | 3,664 | 1,057 | 2,607 | 1,959 | 1,959 | -2,094 | 902 |  |
| Earnings of incorporated affiliates........... | 2.762 | 422 | 2,340 | 2,843 | 422 | 2,421 | 1,312 | 1,312 | -1,450 | 890 |  |
| Dividends. ${ }^{\text {a }}$. ............................. | 1.486 | 1,494 | -8 | 1,218 | 1,494 | -276 | 1,632 | 1,632 | ${ }^{146}$ | 138 | Definitional and statistical |
| Reinvested earnings....................... | 1,276 | -1,072 | 2,348 859 | 1.625 810 | -1,072 | 2,697 | -320 309 | -320 309 | $-1,596$ -846 | 752 |  |
| Earnings of unincorporated affiliates....... Interest.. | 1,156 | 296 339 | - 803 | 810 12 | 296 339 | 514 -327 | 339 339 | 309 399 | -846 203 | 13 | Definitional and statistical <br> Definitional, gross to net, and statistical |
| Other investment income...................... | 7,961 | 7,405 | 556 | 4,532 | 5,683 | -1,151 | 5,593 | 5,593 | -2,368 | -1,812 |  |
| Securities .................. | 2,046 | 2,713 | -667 | 1,917 | 2,713 | -796 | 2,563 | 2.563 |  | -150 |  |
| Dividends Interest on bonds | $\begin{array}{r}1,435 \\ 611 \\ \hline 1,4\end{array}$ | 1,742 | -307 -360 | $\begin{array}{r}1,358 \\ +559 \\ \hline\end{array}$ | 1,742 | -384 -412 | $\begin{array}{r}1,742 \\ \hline 821\end{array}$ | $\begin{array}{r}1,742 \\ \hline 821\end{array}$ | 307 210 | -150 | Definitional and statistical Definitional and statistical |
| Canadian claims/U.S. liabilities.............. | 4,743 | 2,959 | 1,784 | 1,339 | 1,237 | 102 | 1,412 | 1,412 | -3,331 | -1,547 |  |
| Canadian bank claims..................... | 4,238 | 2,203 | 2,035 | 844 | 1,143 | -302. | 1,010 | 1,010 | -3,228 | -1,193 | Net to gross, gross to net, and statistical |
| Other private Canadian claims........... | 505 | 756 | -251 | 498 | 94 | 404 | 402 | 402 | -103 | -354 | Net to gross and statistical |
| U.S. Government liabilities................... | 1,172 | 1,733 | -561 | 1,278 | 1,733 | -455 | 1,618 | 1,618 | 446 | -115 | Definitional and statistical |
| 2001 |  |  |  |  |  |  |  |  |  |  |  |
| investment income................................. | 8,885 | -2,100 | 10,985 | 5,957 | -3,351 | 9,308 | 2,185 | 2,185 | -6,700 | 4,285 |  |
| Direct investment income ...................... | 2,741 | -7,737 | 10,478 | 2,364 | -7,737 | 10,101 | -2,407 | -2,407 | -5,148 | 5,330 |  |
| Earnings of incorporated atfiliates.......... | 2.809 | -8,298 | 11,107 | 2,646 | -8,298 | 10,944 | -2,828 | -2,828 | -5,637 | 5,470 |  |
| Divicends .............................. | 1,544 |  |  | $\pm .344$ | 602 | 742 | 1.044 | 1,044 | -500 | 442 | Definitional and statistical |
| Reinvested earnings....................... | 1,265 | -8.900 | 10,165 | 1,302 | -8,900 | 10,202 | -3,872 | -3,872 | -5,137 | 5,028 | Definitional and statistical |
| Earnings of unincorporated affiliates....... interest. | -190 123 | 189 <br> 372 | -379 -249 | -228 -53 | $\begin{aligned} & 189 \\ & 372 \end{aligned}$ | -417 -425 | 372 | 49 372 | 239 249 | -140 | Definitional and statistical <br> Definitional, gross to net, and statistical |
| Other investment income ..................... | 6,144 | 5,637 | 507 | 3,593 | 4,386 | -793 | 4,592 | 4,592 | -1,552 | -1,045 |  |
| Securities ....................................... | 2,158 | 2,815 | -657 | 1,978 | 2,815 | -837 | 2,596 | 2,596 | 438 | -219 |  |
| Dividends .................................- | 1,686 | 1,806 | -120 | 1,547 | 1,806 | -259 | 1,806 | 1,806 | 120 |  | Definitional and statistical |
| Interest on bonds .........................- | 472 | 1,009 | -537 | 431 | 1,009 | -578 | 790 | 790 | 318 | -219 | Definitional and statistical |
| Canadian cliaims/U.S. liabilities............... | 2.746 | 1,1759 | 1,587 | 550 | -992 | 642 | 481 | 481 | -2,265 | -678 |  |
| Canadian bank claims Other private Canadian claims | $\begin{array}{r}2,215 \\ \hline 531\end{array}$ | 933 226 | 1,282 305 | $\begin{array}{r}26 \\ 524 \\ \hline\end{array}$ | $\begin{array}{r}-148 \\ -56 \\ \hline 6\end{array}$ | 174 468 | $\begin{array}{r}15 \\ 466 \\ \hline\end{array}$ | 15 466 | $-2,200$ -65 | -918 | Net to gross, gross to net, and statistical Net to gross and statistical |
| U.S. Government liabilities .................... | 1,241 | 1,663 | -422 | 1,065 | 1,663 | -598 | 1,514 | 1,514 | 273 | -149 | Definitional and statistical |

# Personal Income by State, Second Quarter 2002 

By Duke Tran

IN the second quarter of 2002 , personal income growth slowed in 35 States, picked up in 14 States, and was unchanged in South Dakota and the District of Columbia. Growth rates in the second quarter ranged from a decline of 0.3 percent in North Dakota to an increase of 2.2 percent in Nevada; in the first quarter, growth rates had ranged from a 1.0 -percent decline in New York to a 3.5 -percent increase in North Dakota (table A).' For the Nation, personal income growth was 1.3 percent in the second quarter, roughly the same as in the first ( 1.2 percent) and up from an average of 0.5 percent in the four quarters of 2001.

Táble 1 at the end of this article presents the quarterly estimates of personal income for each State and region, beginning with the third quarter of 1998. Table 2 presents the quarterly estimates of personal income by major source and of earnings by industry, beginning with the fourth quarter of 2000 .
U.S. personal income increased $\$ 110$ billion, or 1.3 percent, in the second quarter after increasing $\$ 102$ billion, or 1.2 percent, in the first. By component, net earnings grew 0.8 percent in the second quarter, the same rate as in the first quarter. ${ }^{2}$ Dividends, interest, and rent grew 1.9 percent after growing 0.3 percent, and transfer payments grew 2.4 percent after growing 3.9 percent.

The contributions of the three major components

1. Percent changes from the preceding quarter are expressed at quarterly rates.
2. Net earnings is calculated as earnings by place of work less personal contributions for social insurance plus an adjustment that converts these earnings to a place-of-residence basis. Earnings by place of work is the sum of wage and salary disbursements (payrolls), other labor income, and proprietors' income.
Net earnings is used to analyze changes in the composition of personal income; earnings by place of work is used to analyze changes in the industrial structure of earnings. Estimates of net earnings by industry are not available, because the source data used to adjust earnings to a place-of-residence basis are not available by industry and because personal contributions for social insurance are not estimated by industry. For the definitions of the components of earnings, see U.S. Bureau of Economic Analysis, State Personal Income, 1929-97 (Washington, DC: U.S. Government Printing Office, 1999), or go to BEA's Web site at <www.bea.gov/bea/mp.htm>, and look under "Regional programs" for "State Personal Income, 1929-97."

Note. The quarterly estimates of State personal income are prepared by the Regional Economic Measurement Division.
to growth in the second quarter differed markedly from those in the first (table B). Net earnings accounted for 67 percent of total U.S. personal income, but it contributed only 44 percent of second-quarter growth, down from 49 percent of first-quarter growth. The smaller contribution of net earnings reflected weakness in the Nation's labor market; the U.S. unemployment rate hovered around 5.9 percent in the second quarter, compared with 4.5 percent in the second quarter of 2001.
Dividends, interest, and rent accounted for 19 percent of total personal income, but it contributed 29 percent of second-quarter growth, up from 5 percent of first-quarter growth. The pickup in dividends, interest, and rent was partly due to step-ups in the growth in interest income, reflecting faster accumulation of in-terest-bearing assets, and in rental income of persons.
Transfer payments accounted for 14 percent of total personal income, but it contributed 28 percent of sec-ond-quarter growth, down from 46 percent of firstquarter growth. The slowdown in transfer payments followed a typical first-quarter uptick, when cost-ofliving adjustments boosted payments for social security and other Federal programs.

By industry, U.S. earnings by place of work grew 0.8 percent in the second quarter, nearly unchanged from the 0.9 -percent growth rate in the first (table C). Earnings declined in farms and mining; grew at slower rates in construction, trade, and government; and picked up in services, manufacturing, transportation and public utilities, and finance, insurance, and real estate. The decline in farm earnings, mainly reflecting price drops in cash receipts for crops and livestock, was nearly offset by increases in other industries, particularly services and government. Although manufacturing continued shedding jobs nationwide-about 85,000 jobs in the second quarter-the industry contributed positively to earnings growth for the first time since the third quarter of 2000 (table D). The second-quarter growth in manufacturing earnings partly reflected increases in average weekly earnings due to overtime paid to employees in various industries, such as chemicals, food processing, lumber and wood products, textiles, motor vehicles, and instruments and equipment.

## Changes in State Personal Income Growth

In the second quarter, personal income growth decelerated in 35 States, accelerated in 14 States, and was unchanged in South Dakota and the District of Columbia. The faster income growth in 14 States-which included the large States of California, New York, and Texas-more than offset slowdowns in growth in most of the other States. These 14 States accounted for 49 percent of total U.S. personal income and contributed 55 percent of the $\$ 110$ billion increase in personal income in the second quarter.

In the 14 States, the contributions of the major components to personal income growth varied signifi-
cantly. For example, the contribution of net earnings to growth ranged from 63 percent in Colorado to 32 percent in Illinois. The contribution of dividends, interest, and rent ranged from 34 percent in California to only 16 percent in Michigan, and the contribution of transfer payments, the smallest income component, ranged from 36 percent in Kentucky to 13 percent in New Hampshire.

Similarly, contributions to personal income growth varied markedly in the States with decelerating growth in personal income. For example, net earnings was the major contributor to income growth in Nevada and Alaska; dividends, interest, and rent was the major

Table A. Percent Change in Personal Income and Components, 2001:1II-2002:Il
[Ranked by percent change in personal income, 2002:II]

|  | Personal income |  |  |  | Net earnings ${ }^{1}$ |  |  |  | Dividends, interest, and rent |  |  |  | Transfer payments |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2001:III | 2001:IV | 2002:1 | 2002:11 | 2001:111 | 2001:IV | 2002:1 | 2002:11 | 2001:111 | 2001:IV | 2002:1 | 2002:11 | 2001:111 | 2001:IV | 2002:1 | 2002:11 |
| United States | 0.3 | -0.1 | 1.2 | 1.3 | 0.1 | -0.3 | 0.8 | 0.8 | 0.0 | -0.5 | 0.3 | 1.9 | 2.0 | 1.9 | 3.9 | 2.4 |
| Nevada ..... | 1.0 | -1.5 | 2.4 | 2.2 | 1.2 | -2.5 | 2.7 | 2.1 | -0.3 | -0.9 | 0.2 | 2.3 | 2.9 | 4.1 | 4.9 | 2.1 |
| South Dakota....... | 1.2 | 0.3 | 1.8 | 1.8 | 1.4 | 0.1 | 2.0 | 1.9 | 0.5 | 0.0 | 0.6 | 1.8 | 1.3 | 1.2 | 3.1 | 1.5 |
| Rhode Island.......... | 1.1 | -0.5 | 2.8 | 1.8 | -0.9 | -1.2 | 3.3 | 1.6 | 0.1 | -0.5 | 0.3 | 1.9 | 2.6 | 2.3 | 3.6 | $\stackrel{2.7}{3}$ |
| Colorado..................... | -0.3 | -0.4 | 0.4 2.6 | 1.8 | $\begin{array}{r}-0.6 \\ 1.4 \\ \hline\end{array}$ | -0.7 | 0.0 3.0 | 1.6 <br> 1.4 <br> 1 | -0.3 | ${ }_{-0.8}$ | 0.4 | 2.1 | 1.2 | 1.7 | 4.9 | 3.9 2.9 |
| Oxiahoma.... | 0.8 | 0.4 | 1.4 | 1.6 | 0.7 | 0.4 | 1.1 | 1.5 | $-0.1$ | -0.5 | 0.4 | 1.8 | 2.1 | 1.6 | 3.7 | 1.9 |
| Michigan ............................... | 0.4 | $-0.3$ | 0.0 | 1.6 | 0.3 | -0.8 | -0.8 | 1.2 | -0.5 | -0.6 | 0.3 | 1.4 | 2.2 | 2.4 | 3.1 | 3.7 |
| Virginia.................................... | $-0.4$ | 0.4 | 0.3 | 1.6 | -0.9 | -0.3 | -0.3 | 1.3 | 0.2 | -0.6 | 0.3 | 2.2 | 2.5 | 2.9 | 3.9 | 2.6 |
| South Carolina <br> Arkansas | 0.8 0.8 | -0.3 0.6 | 1.4 1.6 | 1.5 1.5 | 0.7 0.6 | -0.8 0.5 | 1.0 1.4 | 1.1 | -0.2 -0.1 | -0.7 -0.5 | $\begin{aligned} & 0.4 \\ & 0.3 \end{aligned}$ | 1.7 | 2.1 | 2.8 | 4.4 3.7 | 2.4 |
| Massachusetts ......................... | -0.5 | -0.2 | 0.5 | 1.5 | -1.1 | -0.6 | 0.0 | 0.9 | -0.2 | -0.7 | 0.4 | 2.2 | 2.4 | 2.7 | 3.8 | 3.5 |
| Nebraska ............................... | 0.9 | 0.4 | 2.5 | 1.5 | 0.9 | 0.3 | 2.9 | 1.3 | 0.2 | -0.1 | 0.4 | 1.5 | 2.0 | 1.6 | 3.6 | 2.2 |
| Maryland ............................... | 0.6 | 0.1 | 1.9 | 1.4 | 0.5 | 0.0 | 2.1 | 1.1 | 0.2 | -0.5 | 0.4 | 2.2 | 1.9 | 1.8 <br> 2.8 <br> 18 | 3.5 <br> 4.0 | 2.5 |
| vermont ... | 0.5 | -0.1 | 1.6 | 1.4 | -0.2 | -0.4 | 0.9 | 1.2 | -0.3 | $-0.6$ | 0.2 | 1.5 | 2.7 | 2.5 | 6.3 | 2.4 |
| Oregon-............................. | -0.2 | 0.0 | 1.2 | 1.4 | -0.8 | -0.1 | 0.9 | 0.9 | 0.2 | -0.6 | 0.5 | 2.6 | 2.8 | 2.2 | 4.3 | 2.5 |
| New York................................ | -0.1 | 0.0 | -1.0 | 1.4 | -0.2 | -0.3 | -2.4 | 1.1 | -0.1 | $-0.5$ | 0.2 | 1.5 | 1.5 | 1.6 | 3.1 | 2.3 |
| New Hampshire........................ | -0.1 | 0.0 | 0.6 | 1.4 | -0.3 | -0.1 | 0.4 | 1.1 | -0.3 | -0.9 | 0.3 | 2.2 | 2.1 | 2.0 | 3.0 | 1.6 |
|  | 0.5 0.4 | -0.3 0.2 | 2.5 0.7 | 1.4 | 0.5 0.1 | -0.7 0.2 | 2.8 | 1.0 | 0.0 0.6 | -0.6 | 0.2 0.3 | 1.5 2.0 | 1.5 2.1 | 1.6 2.0 | 3.8 4.5 | 1.9 |
| Texas | 0.4 | 0.2 | 0.7 | 1.4 | 0.1 | 0.2 | 0.1 | 1.1 | 0.6 | -0.9 |  | 2.0 | 2.1 |  |  |  |
| New Jersey............................ | 0.6 | 0.1 | 1.8 | 1.4 | 0.5 | -0.1 | 1.9 | 0.8 | 0.0 | $-0.5$ | 0.3 |  | 2.2 | 2.4 | 3.9 | 4.0 |
| Georgia.......... | 0.5 | 0.2 | 1.4 | 1.3 | 0.4 | -0.1 | 1.1 | 0.9 | 0.1 | -0.5 | 0.6 | 2.5 | 1.9 | 1.7 | 4.3 | 2.3 |
| Kentucky ............................. | 1.0 | -0.2 | 1.7 | 1.3 1.3 | 0.5 | $-0.1$ | 1.8 | 1.0 | -0.4 | -0. | 0.4 | 1.7 | 1.7 | 1.8 | 3.7 | 1.8 |
| Maine... | 0.5 | 0.5 | 2.3 | 1.3 | 0.3 | 0.5 | 2.5 | 1.0 | 0.0 | -0.4 | 0.3 | 1.7 | 1.8 | 1.4 | 3.7 | 1.8 |
| District of Columbia .................. | -0.3 | 0.2 | 1.3 | 1.3 | -0.4 | 0.3 | 1.0 | 1.3 | -0.6 | -1.0 | 0.1 | 1.9 | 0.9 | 1.8 | 4.6 | 0.7 |
| Wisconsin ............................ | 0.6 | -0.1 | 1.5 | 1.3 | 0.6 | -0.2 | 1.2 | 0.9 | -0.3 | $-0.6$ | 0.3 | 1.7 | 2.1 | 1.4 | 4.5 | 2.5 |
| Mississippi............................. | 0.5 | 0.5 | 2.1 | 1.3 | 0.1 | 0.4 | 1.9 | 0.8 | 0.0 | -0.5 | 0.5 | 1.9 |  | 1.8 | 3.8 |  |
| Kansas ............................... | 1.0 | -0.2 | 2.7 | 1.2 | 1.1 | -0.4 | 3.1 | 1.0 | 0.0 | -0.3 | 0.3 | 1.5 | 1.5 | 1.5 | 4.1 | 1.9 |
| Connecticut | -0.2 | $-0.6$ | 1.1 1.9 | 1.1 | -0.5 | -0.8 -0.4 | 1.0 | 0.8 0.4 | -0.3 -0.1 | ${ }_{-0.7}^{-0.8}$ | 0.2 | 1.9 2.2 | 1.4 | 1.3 | 3.3 4.3 | 2.8 |
| Mllinois .............. | 0.6 | -0.5 | 0.6 | 1.1 | 0.6 | -1.0 |  | 0.5 | 0.0 | -0.4 |  | 1.7 |  |  |  |  |
| Alaska.................................... | 0.7 | 0.1 | 2.7 | 1.0 | 0.9 | -0.1 |  | 1.0 | -0.2 | -0.4 | 0.2 | 1.3 | 0.6 | 1.3 |  |  |
| Louisiana................................. | 1.5 | 0.8 | 1.5 | 1.0 | 1.2 | 0.7 | 1.3 | 0.6 | 0.4 | -0.5 | 0.3 | 1.6 | 3.4 | 2.4 | 3.2 | 1.7 |
| Alabama ................................ | 0.4 | 0.0 | 1.2 | 1.0 | 0.3 | -0.1 | 0.8 | 0.5 | -0.2 | -0.6 | 0.3 | 1.8 | 1.3 | 1.3 | 3.7 | 1.9 |
| Mirnesota .............................. | 0.4 | -0.1 | 1.3 | 1.0 | 0.2 | -0.3 | 1.1 | 0.3 | -0.1 | -0.4 | 0.5 | 2.0 | 2.6 | 1.8 | 3.6 | 3.2 |
| Arizona....... | 1.3 | -0.7 | 1.8 | 1.0 | 1.2 | -1.4 | 1.6 | 0.5 | 0.2 | -0.5 | 0.4 | 2.2 | 3.0 | 2.6 | 4.4 | 1.6 |
| West Virginia .............................. | 0.7 | 0.6 | 1.6 | 0.9 | 0.7 | 0.8 | 1.4 | 0.4 | 0.1 | -0.5 | 0.2 | 1.6 | 1.3 | 1.0 | 3.0 | 1.7 |
| Ohio ................................... | 0.6 | -0.2 | 1.2 | 0.8 | 0.6 | -0.5 | 1.0 | 0.3 | -0.1 | -0.5 | 0.2 | 1.5 | 1.5 | 1.4 | 3.3 | 2.2 |
| Montana.............................. | 1.5 0.5 | -1.0 -0.3 | 1.4 2.2 | 0.8 0.8 | 2.1 0.4 | -1.8 -0.5 | 1.4 2.2 | 0.3 0.1 | 0.1 -0.1 | -0.4 | 0.2 0.1 | 1.5 2.0 | 0.9 1.4 | 1.0 1.4 | 3.1 4.2 | 1.9 2.4 |
| Indiana ................................... | 0.6 | -0.1 | 0.9 | 0.8 | 0.7 | -0.4 |  | 0.1 | -0.2 | -0.4 | 0.5 | 1.7 | 1.6 | 1.7 | 3.8 | 2.7 |
| Washington............................. | -1.1 | -0.8 | 2.8 | 0.7 | -2.1 | -1.5 | 2.7 | 0.1 | 0.1 | -0.5 | 0.3 | 2.1 | 2.8 | 2.5 | 6.8 | 2.1 |
| Hawaii ................................. | 0.8 | -0.3 | 2.8 | 0.7 | 0.9 | -1.0 | 3.4 | 0.5 | 0.1 | -0.4 | 0.3 | 1.6 | 1.3 | 3.2 | 3.4 | 0.6 |
| Missouri................................ | 0.8 | 0.0 | 1.3 | 0.7 | 0.9 | -0.2 |  | 0.0 | -0.3 | -0.6 | 0.2 | 1.5 | 1.7 | 1.7 | 3.9 | 2.2 |
| Wyoming.............................. | 1.6 | 1.0 | 2.2 | 0.5 | 2.2 | 1.5 | 2.5 | -0.2 | 0.2 | -0.2 | 0.5 | 1.9 | 1.6 | 1.4 | 3.8 | 1.9 |
| New Mexico............................ | 1.5 | 0.9 | 2.0 | 0.5 | 1.6 | 0.8 | 1.9 | -0.2 | 0.6 | 0.0 | 0.3 | 1.5 | 2.2 | 2.1 | 4.1 | 2.1 |
| Utah .................................... | 0.3 | 0.4 | 1.2 | 0.4 | 0.0 | 0.2 | 1.0 | -0.4 | 0.3 | -0.4 | 0.3 | 2.1 | 2.0 | 2.5 | 4.4 | 2.6 |
| Idaho.................................. | 0.7 0.5 | -0.0 | 2.5 | 0.2 0.2 | 0.4 0.4 | -0.5 | 2.6 | -0.7 | 0.3 | -0.1 | 0.4 | 1.6 | 2.5 | 2.1 | 4.7 | 2.4 |
|  | 0.5 1.2 | -0.1 -0.5 | 1.7 3.5 | 0.2 -0.3 | 0.4 1.7 | -0.3 -0.9 | 1.9 4.6 | -0.7 | 0.1 0.3 | -0.3 -0.2 | 0.3 0.3 | 1.5 | 1.4 | 1.2 | 3.0 3.1 | 2.3 2.3 |
| BEA regions |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| New England ..... | -0.2 | -0.2 | 1.0 | 1.4 | -0.6 | -0.6 | 0.7 | 0.9 | -0.2 | -0.7 |  |  |  |  | 3.6 |  |
| Mideast........... | 0.3 | -0.1 | 0.8 | 1.4 | 0.2 | -0.3 | 0.4 | 1.0 | 0.0 | $-0.5$ | 0.3 | 1.7 | 1.6 | 1.7 | 3.5 | 2.6 |
| Far West....................................... | -0.2 | -0.1 | 1.6 | 1.3 | -0.8 | $-0.4$ | 1.3 | 0.8 | 0.1 | -0.6 | 0.4 | 2.4 | 2.7 | 2.3 | 4.8 | 2.3 |
| Southwest.................................... | 0.6 | 0.1 | 1.0 | 1.3 | 0.4 | 0.0 | 0.5 | 1.0 | 0.5 | -0.7 | 0.3 | 2.0 | 2.3 | 2.1 | 4.4 | 1.9 |
| Southeast. | 0.5 | 0.2 | 1.5 | 1.2 | 0.2 | -0.1 | 1.2 | 0.8 | 0.1 | $-0.5$ | 0.4 | 1.9 | 1.9 | 1.8 | 3.9 | 2.2 |
| Rocky Mountain .............................. | 0.2 | -0.2 | 1.0 | 1.2 | -0.1 | -0.5 | 0.7 | 0.7 | 0.1 | -0.4 | 0.4 | 2.0 | 2.1 | 2.1 | 4.0 | 2.6 |
| Great Lakes ................................... | 0.6 | -0.3 | 0.8 | 1.1 | 0.5 | -0.7 | 0.4 | 0.6 | -0.2 | -0.5 | 0.3 | 1.6 | 1.8 | 1.8 | 3.4 | 2.9 |
| Plains .......................................... | 0.7 | 0.0 | 1.7 | 0.9 | 0.7 | -0.2 | 1.7 | 0.3 | -0.1 | -0.4 | 0.4 | 1.7 | 1.8 | 1.6 | 3.6 | 2.4 |

1. Net eamings is earnings by place of work-the sum of wage and salary disbursements (payrolls), other labor income, of work to a place-of-residence basis. and proprietors' income-less personal contributions for social insurance plus an adiustment to conver earnings by pace

Nore Percent changes from preceeding quarter are expressed at quarterly rates.
contributor to growth in Washington, Utah, and Wyoming; and transfer payments was the major contributor to growth in New Mexico.

States with the fastest growth in personal income. The States in the top quintile of personal income growth in the second quarter were Nevada, South Dakota, Rhode Island, Colorado, Delaware, Oklahoma, Michigan, Virginia, South Carolina, and Arkansas (chart 1). Most of these States were in the top quintile of personal income growth over the last four quarters, but their pattern of growth varied substantially. For example, Nevada's personal income grew at nearly double the national rate, but most of that growth occurred in the last two quarters. In South Dakota, Oklahoma, and Arkansas, personal income consistently grew above the national average during the last four quarters. In Colorado, Michigan, and Virginia, personal income growth was below the national average during the last four quarters, but it picked up substantially in the second quarter.

The fast personal income growth in all of the top quintile States mainly reflected strength in earnings. In addition, Michigan had the second-fastest growth in transfer payments nationwide, partly reflecting increases in unemployment benefits.

By industry, although the manufacturing sector was
still weak nationwide, all the top quintile States had increases in manufacturing earnings, reflecting increases in average weekly earnings due to overtime paid to employees. In most of these States, earnings in services, government, and retail trade also contributed to the earnings growth. In addition, Nevada led the nation in earnings growth in government, retail trade, and finance, insurance, and real estate. In Colorado, earnings in construction, transportation and public utilities, and finance, insurance, and real estate contributed to earnings growth. In Delaware, construction earnings was the largest contributor to growth, and manufacturing earnings, mainly chemicals and related products, was the next largest. In Michigan, the relatively fast growth in manufacturing earnings partly reflected overtime payments in the motor vehicle industry. In Virginia, earnings in transportation and public utilities contributed to earnings growth; increases in earnings in nondurable-goods manufacturing were concentrated in the chemicals, textiles, tobacco, and food-processing industries.

States with the slowest growth in personal income. Most of the States in the bottom quintile of personal income growth were in the western part of the Na tion: Indiana, Washington, Hawaii, Missouri, Wyoming, New Mexico, Utah, Idaho, Iowa, and North


Dakota. In all of the States except Indiana, personal income growth decelerated substantially in the second quarter. Washington, Hawaii, Idaho, and North Dakota were in the top quintile of personal income growth in the first quarter. Wyoming and New Mexico
had above-average growth in the first quarter and in the fourth and third quarters of 2001. Many of the remaining slow-growing States had wide fluctuations in personal income growth during the last four quarters, partly reflecting fluctuations in farm activity.

Table B. Personal Income by Component, 2002:II
[Ranked by percent change in personal income, 2002:11]


By industry, a sharp decline in farm earnings, reflecting decreases in cash receipts for crops and livestock, was the largest contributor to weak income growth in Wyoming, New Mexico, Idaho, Iowa, and North Dakota. In Missouri, Utah, and Idaho, earnings
declines in transportation and public utilities held back earnings growth. In Indiana and New Mexico, a decline in construction earnings contributed substantially to weak earnings growth. In Washington, earnings in both durable- and nondurable-goods

Table C. Percent Change of Earnings by Major Industry, 2002:II
[Ranked by percent change in personal income, 2002:II]

|  | Earnings by place of work | Earnings by industry |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Farms | Mining | Construction | Durabie goods manufactur- ing | $\begin{gathered} \text { Nondurable } \\ \text { goods } \\ \text { manufactur- } \\ \text { ing } \\ \hline \end{gathered}$ | Transportation and public utilifies | Wholesale trade | Retail trade | Finance, insurance, and real estate | Services | Government |
| United States ............ | 0.8 | -31.7 | -0.7 | 0.6 | 0.3 | 0.7 | 1.1 | 0.6 | 1.2 | 1.1 | 1.5 | 1.2 |
| Nevada ............................... | 2.1 | -31.6 | -3.2 | 2.6 | 0.2 | 3.1 | 2.1 | 1.6 | 2.6 | 3.0 | 2.2 | 2.6 |
| South Dakota.......................... | 2.0 | -7.0 | 3.6 | 4.3 | 6.6 | 3.2 | 2.0 | 0.6 | 1.3 | 1.1 | 3.5 | 1.7 |
| Rhode Island........................... | 1.7 | -3.7 | -0.8 | 1.6 | 1.0 | 1.3 | 0.6 | -0.5 | 1.7 | 0.4 | 3.1 | 1.2 |
| Colorado............................... | 1.6 | -19.8 | 1.5 | 3.4 | 3.9 | 4.1 | 1.8 | 0.9 | 0.1 | 1.4 | 1.6 | 1.5 |
| Delaware ............................. | 1.5 | -38.4 | (2) | 9.5 | 3.0 | 3.9 | 0.6 | 0.9 | 1.7 | -0.7 | 1.6 | 0.3 |
| Oklahoma ............................... | 1.5 | -8, | 28 | -0.7 | 3.4 | -0.1 | 2.5 | 0.6 | 0.9 | 16 | 1.4 | 1.5 |
| Michigan .............................. | 1.3 | -3.4 | -0.1 | -0.1 | 1.5 | 2.9 | 1.7 | 0.5 | 1.0 | 0.8 | 1.5 | 1.8 |
| South Carolina............................ | 1.1 | -28.3 | -4.3 | 0.9 | 1.6 | 0 | 1.5 | 0.4 | 1.4 | 1.1 | 1.9 | 1.7 |
| Arkansas .................................... | 1.3 | 1.0 | -1.8 | 1.2 | 1.6 | 2.1 | 1.6 | 0.9 | 1.3 | 1.0 | 1.4 | 1.1 |
| Massachusetts ......................... | 0.9 | -24.8 | -0.9 | 1.1 | -0.2 | 0.7 | 1.3 | 0.4 | 0.7 | 1.3 | 1.3 | 0.4 |
| Nebraska ............................... | 1.3 | -0.7 | -0.9 | 3.1 | 3.0 | 4.9 | 0.8 | 1.1 | 1.4 | -2.5 | 1.4 | 1.5 |
| Maryland............................. | 1.1 | -25.3 | -1.0 | -0.4 | 1.8 | 3.3 | 1.1 | 0.9 | 0.7 | 1.2 | 1.6 | 0.8 |
| Vermont ................................ | 1.1 | -20.2 | -0.3 | 3.4 | ${ }_{1}^{0.5}$ | 1.4 3 | 1.2 | 0.3 2.2 | 1.7 | 1.2 | 1.7 | 0.6 |
| Oregon................................. | 1.2 | - -17.2 | -1.7 | 0.1 0.1 | 1.1 -0.1 | 3.3 0.7 | 0.7 0.9 | 2.2 | 1.4 | 1.1 | 1.6 1.3 | 1.0 |
| New York................................... | 1.1 | -6.1 | 0.9 | -0.1 | 0.5 | 0.3 | 1.1 | 0.9 | 1.4 | 1.2 | 1.3 | 1.5 |
| New Hampshire......................... | 1.2 | -5.9 | 2.8 | 0.9 | 2.1 | 0.8 | 0.5 | 0.4 | 1.6 | 1.4 | 1.0 | 1.4 |
| Pennsylvania ........................... | 1.0 | 1.0 | -0.3 | 1.3 | -1.2 | $-0.8$ | 1.3 | 0.7 | 1.1 | 0.6 | 1.6 | 1.1 |
| Texas ..................................... | 1.1 | -2.7 | -0.8 | 1.0 | -1.8 | 1.9 | 1.6 | 0.7 | 1.5 | 1.9 | 1.6 | 1.6 |
| New Jersey............................. | 0.7 | -4.7 | 2.5 | 0 | -0.9 | -1.0 | 1.2 | 0.7 | 1.3 | 0.6 | 1.3 | 1.1 |
| Georgia................................ | 0.9 | -32.3 | 2.1 | 0.8 | -1.0 | 0.3 | 1.8 | 0.9 | 1.5 | 0.7 | 1.9 | 1.4 |
| Kentucky .............................. | 0.9 | -15.3 | -0.8 | 0.3 | 1.6 | 3.0 | 1.3 | 0.1 | 0.9 | -0.2 | 1.7 | 0.5 |
| Florida .................................. | 1.0 | -22.6 | -0.2 | 1.8 | -0.9 | -0.7 | 1.5 | 0.8 | 1.3 | 1.7 | 1.7 | 0.4 |
| Maine ................................ | 1.0 | -18.5 | 0.3 | 0.1 | -2.6 | 2.4 | 1.9 | -0.3 | 2.4 | 1.6 | 1.8 | 1.0 |
| District of Columbia .................. | 1.2 |  | (2) | 0.1 | -3.7 | -1.1 | -1.4 | 3.3 | 3.2 | 2.7 | 1.7 | 0.9 |
| Wisconsin........................... | 1.0 | (1) | 0.8 | 2.7 | -0.4 | 2.0 | 0.8 | 1.3 | $\pm 1$. | 1.4 | 2.5 | 1.4 |
| Massissipp ............................. | 0.9 | -13.6 | 0.2 | 1.5 | 1.3 | 0 | 1.0 | 1.6 | 1.1 | 1 | 1.6 | 0.9 |
| Connecticut.............................. | 0.8 | -6.3 | -1.1 | -1.1 | -1.3 | 2.3 | -1.9 | -2.8 | 1.6 | 0.9 | 1.8 | 1.2 |
| North Carolina ............................. | 0.4 | -43.9 | -1.6 | 0.2 | 2.0 | 0.8 | 0.7 | 0 | 1.5 | 1.0 | 1.9 | 0.9 |
| Illinois ................................... | 0.5 | -83.2 | -1.1 | 1.0 | 0.5 | 0.6 | 1.3 | 0.4 | 1.1 | 0.9 | 1.0 | 0.8 |
| Alaska.................................. | 1.0 | -24.4 | -1.1 | 1.0 | -8.8 | -1.8 | 1.0 | 1.2 | 0.7 | 2.2 | 2.1 | 1.3 |
| Louisiana.............................. | 0.6 | -28.6 | -1.1 | 0.5 | -0.7 | 1.0 | 1.3 | 0.5 | 2.2 | 1.1 | 0.9 | 0.9 |
| Alabama ............................... | 0.5 | -36.1 | 0.2 | -0.3 | -0.8 | 1.9 | 1.3 | 1.0 | 1.7 | 1.2 | 1.7 | 0.6 |
| Minnesota .............................. | 0.3 | (') | 3.4 | 0.5 | -0.1 | 1.9 | 1.1 | 0.6 | 0.9 | 1.2 | 1.6 | 0.7 |
| Arizona.............................. | 0.5 | -48.0 | 0.6 | 1.3 | 0.4 | -3.0 | 0.4 | $-0.3$ | 2.3 | 0.8 | 1.5 | 1.9 |
| West Virginia ........................... | 0.3 | ( ${ }^{\text {( }}$ | -5.1 | -2.2 | 1.1 | 2.9 | 1.3 | -0.3 | 0.1 | 0.3 | 1.4 | 0.6 |
| Ohio .................................. | 0.3 | -91.1 | -2.5 | -0.5 | -0.7 | 0.9 | 1.4 | 0.5 | 0.8 | 0.7 | 0.7 | 0.9 |
| Montana | 0.3 0.1 | -64.4 | -1.4 -0.2 | 0.6 -2.0 | 2.0 -1.2 | -4.3 | 2.7 | -0.7 0.2 | 1.1 0.6 | 0.7 | 1.7 | ${ }_{1.4}^{2.4}$ |
| Idira -3 l |  |  |  |  |  |  |  |  |  |  |  |  |
| Indiana ............. | 0.1 | - | -0.5 | -2.3 | 1.5 | -1.5 | 0.5 |  | 0.5 | 1.1 | 1.4 |  |
| Washington ............................ | 0.4 | -4.9 | -2.2 | 3.7 | - 1.6 | -5.3 | 2.6 | 2.9 | 1.1 | -10.1 | 1.5 | 0.8 |
|  | 0.4 | (1) | 2.6 | -0.7 | -0.1 | 0.7 | -1.2 | 0.6 | 0.5 | -0.6 | 1.4 | 1.0 |
| Wyoming............................... | -0.2 | -36.4 | -1.8 | 0.6 | 1.6 | 0.1 | 0.1 | 3.4 | 0.9 | 2.3 | 1.9 | 1.3 |
| New Mexico............................ | -0.1 | -46.1 | -4.5 | $-3.4$ | 4.2 | 0.4 | 2.1 | 0.8 | 1.4 | 1.8 | 1.3 | 2.4 |
| Utah .................................... | -0.4 | -36.0 | -2.0 | -1.1 | 0.4 | -0.5 | -4.7 | 0.1 | 0.4 | 0.6 | 0.2 | 1.1 |
| Idaho.................................... | -0.6 | $-35.6$ | ${ }^{2} .3$ | 0.5 | 4.6 | 5.4 | -3.1 | 0.5 | 1.5 | 1.9 | 1.1 | 1.6 |
| lowa .............................. | -0.7 | -71.8 | 5.3 | 3.7 | 0.9 | 1.0 | 1.3 | -0.2 | 0.9 | -0.4 | 1.1 | 1.0 |
| North Dakota .......................... | -1.3 | -66.3 | -1.9 | 2.5 | 4.9 | 4.0 | 1.7 | -0.6 | 0.6 | 0.7 | 1.5 | 2.0 |
| BEA regions |  |  |  |  |  |  |  |  |  |  |  |  |
| New England ................................ | 0.9 | -14.9 | -0.7 | 0.6 | -0.3 | 1.4 | 1.4 | -0.5 | 1.3 | 1.1 | 1.5 |  |
| Mideast .................................... | 1.0 | -10.1 | -0.2 | 0.5 | 0.7 | -0.1 | 1.1 | 0.7 | 1.2 | 1.0 | 1.4 | 1.2 |
| far West..................................... | 1.0 | - -21.8 | -1.4 | 1.0 | -0.9 | 2.3 | 1.4 | 0.1 | 1.6 | 1.7 | 1.6 | 1.7 |
| Southeast .................................... | 0.8 | -30.2 | -1.3 | 0.5 | 0.4 | 0.9 | 1.4 | 0.6 | 1.3 | 1.1 | 1.6 | 1.0 |
| Rocky Mountain .............................. | 0.7 | -32.2 | -0.2 | 1.9 | 3.0 | 2.5 | 0.1 | 0.6 | 0.5 | 1.3 | 1.3 | 1.5 |
|  | 0.6 | (1) | -0.6 | 0.1 | 1.1 | 0.5 | 1.4 | 0.5 | 0.9 | 1.0 | 1.2 | 1.0 |
| Plains ..................................... | 0.3 | -44.3 | 1.6 | 1.5 | 1.1 | 1.6 | -0.4 | 0.5 | 0.9 | 0.5 | 1.5 | 1.0 |

[^14]2. Data are suppressed to avoid disclosure of confidential information.
manufacturing declined substantially, mainly reflecting a return to more normal levels after large lumpsum payments boosted growth in the first quarter. In Hawaii, earnings in finance, insurance, and real estate declined substantially, reflecting a return to a more
normal level after unusually large lump-sum payments in the first quarter. In Wyoming, a decline in mining earnings, particularly in oil and gas extraction, contributed to weak growth.

Tables 1 and 2 follow.

Table D. Contribution to Percent Change of Earnings, 2002:II
[Ranked by percent change in personal income, 2002:11]


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

| Area name | 1998 |  | 1999 |  |  |  | 2000 |  |  |  | 2001 |  |  |  | 2002 |  | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Percents } \\ \text { change } \end{array} \\ \hline \begin{array}{c} 2002: 1- \\ 2002: 11 \end{array} \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | III | IV | 1 | $11 \times$ | III ${ }^{\text {r }}$ | IVr | '' | $17 \times$ | III' | IV' | 1 | II' | III' | IV' | $1 \times$ | 110 |  |
| United States. | 7,483,312 | 7,568,387 | 7,647,688 | 7,715,358 | 7,801,465 | 7,953,533 | 8,203,812 | 8,340,348 | 8,481,147 | 8,569,877 | 8,652,160 | 8,669,921 | 8,697,999 | 8,692,940 | 8,794,858 | 8,904,969 | 1.3 |
| New England. | 441,848 | 447,023 | 448,822 | 454,620 129,499 | 463,459 131,798 | 472,177 133 | 492,215 137 | 499,073 | 509,572 | 516,386 144518 | 522,932 | 520,678 145666 | 519,699 145,21 | 518,451 144,408 | 523,464 | $\begin{aligned} & 530,833 \\ & 147751 \end{aligned}$ | 1.4 |
| Connecticut. | 125.883 29,777 | $\begin{array}{r}127,594 \\ 30,138 \\ \hline\end{array}$ | 127.910 29,793 | $\begin{array}{r}129,499 \\ 30,378 \\ \hline\end{array}$ | 131,798 31,263 | 133,841 31,126 | $\begin{array}{r}137,643 \\ 32,056 \\ \hline\end{array}$ | $\begin{array}{r}140,059 \\ 32,693 \\ \hline\end{array}$ | $\begin{array}{r}142,385 \\ 33,022 \\ \hline\end{array}$ | $\begin{array}{r} 144,518 \\ 33,403 \end{array}$ | $\begin{array}{r}146,171 \\ 34,210 \\ \hline\end{array}$ | $\begin{array}{r}145,566 \\ 34,276 \\ \hline\end{array}$ | $\begin{array}{r}145,221 \\ 34,443 \\ \hline\end{array}$ | $\begin{array}{r}144,408 \\ 34,608 \\ \hline\end{array}$ | 145,963 35,400 | $\begin{array}{r} 147,751 \\ 35,861 \end{array}$ | 1.2 |
| Massachusetts. | 207,654 | 209,727 | 211.381 | 214,040 | 218,268 | 223,600 | 235,357 | 238,015 | 244,559 | 247,339 | 250,286 | 248,478 | 247,285 | 246,759 | 248,052 | 251,716 | 1.5 |
| New Hampshire | 35,736 | 36,297 | 36.212 | 36,802 | 37,547 | 38,451 | 40,723 | 41,151 | 41,918 | 42,728 | 43,020 | 42,993 | 42,966 | 42,965 | 43,238 | 43,835 | 1.4 |
| Rhode island.... | 27,914 | 28,256 | 28,319 | 28,480 | 28,927 | 29,270 | 30,152 | 30,486 | 30,968 | 31,305 | 31,868 | 31,865 | 32,200 | 32,049 | 32,946 | 33,548 | 1.8 |
| Vermont......... | 14,884 | 15,011 | 15,208 | 15,420 | 15,657 | 15,890 | 16,283 | 16,668 | 16,720 | 17,094 | 17,378 | 17,500 | 17,583 | 17,662 | 17,866 | 18,121 | 1.4 |
| Mideast.. | 1,412,373 | 1,421,284 | 1,438,991 | 1,445,865 | 1,465,140 | 1,480,655 | 1,531,383 | 1,563,518 | 1,585,269 | 1,617,843 | 1,626,431 | 1,623,587 | 1,629,240 | 1,628,390 | 1,641,278 | 1,664,095 | 1.4 |
| Delaware. | 22,002 | 22,222 | 22.463 | 22,464 | 22,826 | 23,243 | 24,083 | 24,518 | 24,971 | 25,495 | 25,572 | 25,796 | 26,072 | 25,972 | 26,660 | 27.114 | 1.7 |
| District of Col | 20,526 | 20,574 | 20,216 | 20,348 | 20.539 | 20,900 | 21,634 | 22,012 | 22,242 | 22.743 | 22,807 | 23,036 | 22.972 | 23,019 | 23,309 | 23.612 | 1.3 |
| Maryland. | 160,027 | 161,960 | 164,610 | 165,981 | 168,105 | 170,286 | 176,048 | 178,670 | 181,761 | 184,933 | 187,539 | 188,899 | 189,959 | 190,170 | 193,823 | 196,618 | 1.4 |
| New Jersey | 281,839 | 283,122 | 285.764 | 286,113 | ${ }^{288,093}$ | 295,277 | 307.154 | 315,871 | 319,804 | 326,553 | 325,495 | 325,753 | 327.663 | 327,982 | 333,924 | 338.485 | 1.4 |
| New York..... | 595,243 | 596,684 | 608.705 337232 | 610,166 340,792 | 622,436 343,141 | 622,305 348,645 | 645,590 356,874 | 659,799 362,649 | 668,911 367.581 | 685,410 372,709 | 688,789 376,229 | 683,235 376868 | 683,650 378925 | 683,421 377,825 | 676.465 387.098 | 685,853 392,413 | 1.4 |
| Pennsylvania | 332,736 | 336,723 | 337,232 | 340,792 | 343,141 | 348,645 | 356,874 | 362,649 | 367,581 | 372,709 | 376,229 | 376,868 | 378,925 | 377,825 | 387,098 | 392,413 | 1.4 |
| Great Lakes | 1,214,013 | 1,228,958 | 1,235,779 | 1,245,648 | 1,255,059 | 1,277,147 | 1,313,496 | 1,328,376 | 1,343,526 | 1,350,276 | 1,360,571 | 1,363,568 | 1,371,186 | 1,366,898 | 1,377,331 | 1,392,795 | 1.1 |
| Hlinois.. | 365,576 | 368,550 | 367,926 | 371,626 | 373,645 | 381.115 | 391.540 | 398.199 | 404,792 | 409,590 | 412,233 | 411,340 | 413.747 | 411.479 | 414,141 | 418.531 | 1.1 |
| Indiana.. | 150,399 | 152,112 | 153,063 | 153.571 | 154,930 | 158,111 | 163,208 | 165,511 | 167,661 | 166.879 | 169,300 | 169,454 | 170,505 | 170,282 | 171,799 | 173.182 | 0.8 |
| Michigan. | 264,078 | 269,260 | 272,781 | 274,884 | 277,349 | 281,152 | 291,320 | 293,083 | 295,077 | 295.496 | 295,990 | 297,595 377376 | 298,898 | 297,954 | 297,935 | 302,749 | 1.6 |
| Onio ... | 294,817 | 298,672 | 300,836 | 302,825 | 304,691 | 309,709 | 317,512 | 319,216 | 321,969 | 322,811 | 325,760 | 327,376 | 329,274 | 328,568 | 332.514 | 335,314 | 0.8 |
| Wisconsin | 139,143 | 140,365 | 14t, 174 | 142,743 | 144,443 | 147,061 | 149,917 | 152,366 | 154,027 | 155,500 | 157,288 | 157,802 | 158,761 | 158,613 | 160,942 | 163,018 | 1.3 |
| Plains... | 497,933 | 503,371 | 503,233 | 507,623 | 512,874 | 524,706 | 534,339 | 545,868 | 553,632 | 556,687 | 563,250 | 565,003 | 568,855 | 568,720 | 578,468 | 583,397 | 0.9 |
| lowa... | 71,937 | 72,789 | 71,740 | 71,928 | 73,279 | 74,699 | 76,285 | 77,775 | 78,428 | 78,673 | 79,642 | 79.761 | 80,123 | 80,046 | 81,433 | 81,570 | 0.2 |
| Kansas. | 68.462 | 69,095 | 68,693 | 69,121 | 69,883 | 72,143 | 72,019 | 73,888 | 75,539 | 75,049 | 76,487 | 76,689 | 77,419 | 77,296 | 79,352 | 80.342 | 1.2 |
| Minnesota | 141,075 | 143,235 | 144,211 | 146,001 | 147,027 | 150,326 | 154,243 | 157,886 | 160,468 | 162,672 | 164,043 | 164,370 | 165,031 | 164,912 | 167,015 | 168.648 | 1.0 |
| Missouri... | 140.245 | 141,130 | 141.849 | 142,888 | 143,998 | 146.698 | 150,256 | 153.412 | 155.402 | 156,248 | 157,887 | 158,423 | 159,641 | 159,673 | 161,694 | 162.788 | 0.7 |
| Nebraska. | 43,858 | 44,128 | 44,309 | 44,655 | 45,472 | 46,662 | 46,575 | 47,344 | 48,034 | 48,182 | 48,973 | 49,299 | 49,751 | 49,933 | 51,174 | 51,922 | 1.5 |
| Southeast... | 1,655,282 | 1,672,523 | 1,694,819 | 1,709,104 | 1,721,949 | 1,752,727 | 1,800,702 | 1,831,731 | 1,856,700 | 1,877,505 | 1,900,422 | 1,913,861 | 1,922,486 | 1,925,425 | 1,953,978 | 1,978,356 | 1.2 |
| Alabama | 97,114 | 98,104 | 99,116 | 100,033 | 100,816 | 102,163 | 103,969 | 105,585 | 106,244 | 107,387 | 109,010 | 109,740 | 110,160 | 110,182 | 111,548 | 112,647 | 1.0 |
| Arkansas | 54,106 | 54,693 | 55,160 | 55,691 | 56,110 | 57,056 | 58,101 | 58,841 | 59,956 | 59,922 | 61,041 | 61,380 | 61,843 | 62,186 | 63,205 | 64,151 | 1.5 |
| Florida... | 409,057 | 411,861 | 418,844 | 423,249 | 426.135 | 430,674 | 443,255 | 451,126 | 457.616 | 464,427 | 469,110 | 474,193 | 477,155 | 478,044 | 486,256 | 492,621 | 1.3 |
| Georgia. | 202.621 | 205,842 | 210,045 | 211,956 | 214,040 | 219,127 | 226,798 | 230,687 | 234,246 | 236,983 | 239,297 | 240,495 | 241700 | 242,091 | 245,518 | 248.826 | 1.3 |
| Kentucky | 88,993 | 89,511 | 89.526 | 90,365 | 91,305 | 93,177 | 96,405 | 97,525 | 98,850 | 99,719 | 100,591 | 100,934 | 101,980 | 101,801 | 103.011 | 104,378 | 1.3 |
| Louisiana. | 98,137 | 98,633 | 98,029 | 98,742 | 98,949 57 | 100,470 57 | 101,992 58.835 | $\begin{array}{r}103,477 \\ 59 \\ \hline\end{array}$ | 104,421 60,357 | 105,409 60.521 | 107,745 61795 | 108,827 61.969 | 110,406 | 111,263 | 112.945 | $\begin{array}{r}114,077 \\ 64 \\ \hline\end{array}$ | 1.0 |
| North Carol | 194,497 | 196,993 | 200,510 | 202,258 | 20t,069 | 207,140 | 213,692 | 217,427 | 220,574 | 222,454 | 225,421 | 225,430 | 225,125 | 224,959 | 229,148 | 231,609 | 1.1 |
| South Carolin | 87,748 | 88,942 | 89,545 | 90,673 | 91,618 | 93,161 | 95,281 | 97,533 | 98,439 | 99,384 | 100,888 | 100,766 | 101,537 | 101,249 | 102,694 | 104,239 | 1.5 |
| Tennessee. | 135,340 | 136,750 | 138,365 | 140,368 | 141.762 | 143,971 | 147,778 | 149,624 | 151,432 | 152,544 | 154,051 | 154,840 | 155.587 | 155,165 | 158,609 | 159,901 | 0.8 |
| Virginia . | 195,117 | 198,038 | 202,601 | 202,094 | 205,299 | 209,754 | 215,897 | 220,691 | 224,854 | 228,549 | 230,703 | 234,189 | 233,312 | 234,224 | 234,826 | 238,499 | 1.6 |
| West Virginia. | 37,011 | 37,102 | 37,025 | 37,234 | 37,621 | 38,072 | 38,699 | 39,405 | 39,712 | 40,206 | 40,771 | 41,096 | 41,403 | 41,651 | 42,300 | 42,678 | 0.9 |
| Soulthwest.. | 743,768 | 752,962 | 758,063 | 769,139 | 771,229 | 795,139 | 819,645 | 834,563 | 850,355 | 859,502 | 872,148 | 873,026 | 878.644 | 879,806 | 888,385 | 899,802 | 1.3 |
| Arizona. | 114,206 | 176,148 | 117,100 | 119,715 | 121,059 | 123,155 | 129,038 | 129,392 | 131,796 | 133,700 | 135,454 | 137,088 | 138,817 | 137,895 | 140,320 | 141,674 | 1.0 |
| New Mexico | 37,003 | 37,430 | 37,149 | 37,670 | 37,882 | 38,386 | 38,837 | 39,676 | 40,025 | 40,549 | 41,543 | 42,070 | 42,709 | 43,092 | 43,957 | 44,168 | 0.5 |
| Oklahoma. | 75,165 | 75,584 | 76,271 | 77,046 | 77.503 | 79,075 | 80,578 | 82,405 | 84,030 | 85,127 | 86,002 | 86,432 | 87,104 | 87,460 | 88,664 | 90,107 | 1.6 |
| Texas....... | 517,394 | 523,800 | 527,543 | 534,708 | 540,784 | 554,524 | 571,192 | 583,090 | 594,504 | 600,126 | 609,149 | 607,435 | 610,014 | 611,359 | 615,445 | 623,852 | 1.4 |
| Rocky Mounta | 225,131 | 228,817 | 232,570 | 236,012 | 238,695 | 245,840 | 251,980 | 259,380 | 254,940 | 288,028 | 270,446 | 271,647 | 272,192 | 271,659 | 274,418 | 277,603 | 1.2 |
| Colorado | 119,336 | 121,719 | 124,591 | 126,788 | 128,293 | 133,095 | 136,267 | 141,628 | 145,827 | 147,285 | 148,326 | 148,167 | 147,797 | 147,150 | 147,774 | 150,422 | 1.8 |
| Idaho.... | 27,249 | 27,640 | 28,339 | 28.587 | 29.006 | 29,790 | 30,637 | 31,195 | 31,504 | 31.925 | 32,235 | 32.484 | 32,697 | 32,684 | 33,502 | 33.566 | 0.2 |
| Montana. | 19.082 | 19,237 | 19,094 | 19,330 | 19.218 | 19,878 | 20,173 | 20,525 | 20.909 | 21.103 | 21,386 | 21.633 | 21,947 | 21,726 | 22,035 | 22.218 | 0.8 |
| Utah ......... | 47,204 | 47,855 | 47,896 | 48,564 | 49,263 | 49,968 | 51,505 <br> 13,404 | 52,431 | 52,960 | 53,593 | 54,280 | 54,918 | 55.070 | 55,267 | 55,955 | 56,162 | 0.4 |
| Wyoming ... | 12,261 | 12,367 | 12,649 | 12,744 | 12,915 | 13,110 | 13,404 | 13,602 | 13,739 | 14,123 | 14,219 | 14,445 | 14,681 | 14,831 | 15,152 | 15,234 | 0.5 |
| Far West ... | 1,292,963 | 1,313,449 | 1,335,412 | 1,347,348 | 1,367,061 | 1,405,142 | 1,460,052 | 1,477,839 | 1,517,453 | 1,523,649 | 1,535,960 | 1,538,552 | 1,535,698 | 1,533,591 | 1,557,535 | 1,578,089 | 1.3 |
| Alaska ... | 17.157 | 17,368 | 17,399 | 17,474 | 17,501 | 17,907 | 18,459 | 18,659 | 18,920 | 19,056 | 19,337 | 19,650 | 19,780 | 19,798 | 20,328 | 20,535 | 1.0 |
| California | 939,960 | 956,511 | 972,756 | 984,034 | 996,943 | 1,025,715 | 1,068,886 | 1,084,368 | 1,120,994 | 1,123,250 | 1,131,361 | 1,128,323 | 1,126,393 | 1,126,948 | 1,140,963 | 1,156,811 | 1.4 |
| Hawaii. | 31,869 | 32,084 | 32,087 | 32,322 | 32,881 | 33,002 | 33,569 | 34,262 | 34,425 | 34,976 | 35,375 | 35,411 | 35,684 | 35,569 | 36,556 | 36,807 | 0.7 |
| Nevada.. | 52.667 | 53,841 | 54,378 | 54,834 | 55,301 | 56,806 | 58,248 | 59.720 | 60,455 | 61,367 | 62,313 | 63,059 | 63,712 | 62,781 | 64,308 | 65,696 | 2.2 |
| Oregon.... | 85.733 | 86,876 | 87.527 | 88,410 | 89,299 | 91,099 | 93,544 | 95,043 | 96,457 | 96,578 | 97,776 | 97,723 | 97.903 | 97.851 | 99,386 | 100,794 | 1.4 |
| Washington.. | 165,577 | 166,768 | 171,264 | 170,273 | 175,136 | 180,613 | 187,344 | 185,786 | 185,901 | 188,422 | 189,797 | 194,386 | 192,225 | 190,644 | 195,993 | 197,446 | 0.7 |
| - Preliminary. <br> r Revised. <br> 1. Percent change was ca Note. The personal incom | now | or the United | tes is | as the | he S | ma | differs tr | the estimate of personal income in the national income and product accounts (NIPA's) because of differences in coverage, in the methodotogies used to prepare the estimates, and in the timing of the availability of source data. In particular, it differs from the NIPA estimate because, by definition, it omits the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms. |  |  |  |  |  |  |  |  |  |

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


| Line | Item | California |  |  |  |  |  |  | Colorado |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2000 | 2001 |  |  |  | 2002 |  | 2000 | 2001 |  |  |  | 2002 |  |
|  |  | IV' | $1 /$ | $11{ }^{1}$ | 111 | IV' | $1{ }^{\text {r }}$ | 110 | IV' | $1{ }^{\prime}$ | If | III ${ }^{\text {r }}$ | N ${ }^{r}$ | $1 /$ | 11. |
| $\begin{aligned} & 2 \\ & 3 \\ & \hline \end{aligned}$ | Income by place of residence |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Personal income (lines 4-11) <br> Nontarm personal income. <br> Farm income (line 17). | 1,123,250 | 1,131,361 | 1,128,323 | 1,126,393 | 1,126,948 | 1,140,963 | 1,156,811 | 147,285 | 148,326 | 148,167 | 147,797 |  | 147,774 |  |
|  |  | 1,115,927 | 1,125,113 | $1.121,807$ | 1,119,798 | 1,120,363 | 1,132,269 | 1,149,609 | 146,778 | 147,616 | 147,460 | 147,089 | $146,437$ | 146,720 | $149,577$ |
|  |  |  | 6,248 | 6,516 | 6,595 | 6,585 |  |  |  |  |  |  |  | 1,053 |  |
|  | Derivation of personal income |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 | Earnings by place of work (lines 12-16 or 17-34) $\qquad$ <br> Less: Personal contributions for social insurance? $\qquad$ <br> Plus: Adiustment for residence ${ }^{3}$ $\qquad$ <br> Equals: Net earnings by place of residence. $\qquad$ | 833,984 | 838,909 | 833,063 | 826,578 | 825,556 | 833,391 | 840,616 | 114,696 | 115.474 | 115,182 | 114.459 | 113.612 | 113,625 | 115,388 |
|  |  | 47,822 | 48,815 | 48,440 | 48,046 | 48,111 | 49,006 | 49,422 | 6,166 | 6,273 | 6,261 | 6,219 | 6,175 | 6,210 | 6,301 |
|  |  | 127 786,289 | 130 790,223 | 189 784,813 | 227 778,759 | 211 777.656 | 226 784,612 | [91.428 | 89 108.619 | 688 109,300 | 109.04 | 111 108.350 | 114 10751 | 105 107539 | +123 |
|  |  | 213,908 | 212,441 | 211,068 | 211,462 | - 210.193 | 784,645 <br> 211,245 | 216,669 | - 268,568 | 26,507 | 26,347 | 108,350 | 107,551 | 107,539 26,309 | 109,210 |
|  | Plus: Transfer payments. $\qquad$ State unemployment insurance benefits. | 123,053 | 128,697 | 132.442 | 136,172 | 139,099 | 145,107 | 148,714 | 12,098 | 12,520 | 12,796 | 13,102 | 13,398 | 13,925 | 14,336 |
|  |  | 2,395 | 2.553 | 3,090 | 3,689 | 4,375 | 6,124 | 7,876 | 151 | +164 | 238 | 338 | 479 | 628 | 875 |
|  |  | 120,657 | 126,145 | 129,352 | 132,483 | 134,724 | 138,983 | 140,838 | 11,947 | 12,356 | 12,558 | 12,764 | 12,919 | 13,297 | 13,461 |
|  | Transfers excludiny State unemployment insurance benefits Earnings by place of work |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 | Components of earnings: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 650,795 | 655,921 | 649,151 | 642.432 | 641,384 | 643,427 | 648,797 | 88,927 | 89,336 | 88.954 | 88.164 | 87,281 | 86,453 | 87,709 |
| 13 |  | 68,443 | 69.297 | 69,224 | 69,170 | 69,806 | 71,241 | 72,913 | 10,486 | 10,514 | 10.521 | 10.478 | 10,497 | 10,679 | 10,987 |
| 14 | Other labor income. <br> Proprietors' income ${ }^{5}$ $\qquad$ | 114,746 | 113,691 | 114,688 | 114,977 | 114.365 | 118,723 | 118,906 | 15,283 | 15,624 | 15,707 | 15.816 | 15,834 | 16,493 | 16,692 |
| $\begin{aligned} & 15 \\ & 16 \end{aligned}$ | Farm proprietors' income. Nonfarm proprietors' income. | 2,686 112,060 | 1,434 11,357 | 1,527 113,161 | 1,473 113 | 1,367 112999 | 3,333 115390 | r1,642 | 138 15145 | 340 +5284 | 332 15374 | 329 15487 | 331 15.503 | -664 | ${ }^{4} 445$ |
|  | Earnings by indusiry | 112,060 | 112,257 | 113,161 | 113,504 | 112,999 | 115,390 | 117,265 | 15,145 | 15,284 | 15,374 | 15,487 | 15,503 | 15,829 | 16,247 |
| 17 | Farm earnings ................................................................ | 7,322 | 6,248 | 6,516 | 6,595 | 6,585 | 8.695 | 7,202 | 507 | 710 | 707 | 708 | 713 | 1.053 | 845 |
| 18 | Honfarm earnings............................................................. | 826.661 | 832,661 | 826,547 | 819,983 | 818,971 | 824,697 | 833,414 | 114,189 | 114,764 | 114,474 | 113.751 | 112,899 | 112.571 | 114,543 |
| 19 | Private earmings .......................................................... | 706.827 | 708,236 | 699,421 | 691,206 | 687,366 | 692.388 | 698,917 | 97,868 | 98,230 | 97.578 | 96,618 | 95,466 | 94,597 | 96,298 |
| 20 |  | 8,272 | 8.419 | 8.655 | 8,545 | 8,532 | 9,096 | 8,901 | 807 | 837 | 881 | 908 | 916 | 904 | 875 |
| 21 | Mining ................................................................... | 2.800 | 2,834 | 2,856 | 2.877 | 3,016 | 3.039 | 3,009 | 1,723 | 1,955 | 1.817 | 2,223 | 1,829 | 1,785 | 1,813 |
| 22 | Construction... | 48.672 | 49,377 | 50,147 | 50,252 | 49,329 | 51,422 | 51,462 | 9,517 | 9.888 | 9.719 | 9.768 | 9,633 | 9.535 | 9,854 |
|  | Manufacturing .... | 125,532 | 119,338 | 116,074 | 110.762 | 110.191 | 108,506 | 108,695 | 11.587 | 11.269 | 10.972 | 10,718 | 10.571 | 10.495 | 10,911 |
| 23 24 | Durable goods. | 91.677 | 86,058 | 82,712 | 77.653 | 76,724 | 75,819 | 75,767 | 8,189 | 7,836 | 7,575 | 7,477 | 7,262 | 7,240 | 7,521 |
| 24 | Nondurable goods. | 33,855 | 33,280 | 33,361 | 33,110 | 33,468 | 32.687 | 32,928 | 3,397 | 3.433 | 3.396 11.776 | 3,241 | 3,309 | 3,255 | 3,390 |
| 25 26 | Transportation and public utilities........................................................ | 50,435 | 50.414 | 51.199 | 51,547 <br> 16 | 50,589 | 50,252 | 50,712 | 12,164 | \$1,347 | 11,776 | 11,129 | 11,471 | 11,500 | 11,704 |
| 26 <br> 27 | Wholesale trade... | 48,159 | 47,548 | 47,043 | 46,747 | 45,882 | 47,190 | 47,715 | 6,797 | 6,543 | 6,426 | 6,312 | 6,062 | 6,226 | 6,279 |
| 28 | Retail trade ... | 72,752 | 73.754 | 73,602 | 73.253 | 73,007 | 73,867 | 74,971 | 9,988 | 10,127 | 10,154 | 10.208 | t0,167 | 10,171 | 10,186 |
| 29 | Finance, insurance, and real estate, | 72.819 | 78,841 | 74,682 | 75,802 | 75,737 | 76.536 | 77,405 | 10,603 | 11,291 | 10,657 | 10,744 | 10,430 | 10,883 | 11.037 |
| 30 | Services................................................................ | 277,386 | 277711 | 275.163 | 271,423 | 271.083 | 272,481 | 276,046 | 34,681 | 34,973 | 35.177 | 34,609 | 34,388 | 33,098 | 33,641 |
| 31 | Government and government enterprises............................ | 119.834 | 124,424 | 127,126 | 128,777 | 131,605 | 132,309 | 134,497 | 16,321 | 16,534 | 16,896 | 17,133 | 17,433 | 17,975 | 18,245 |
| 3233 | Federal, civilian ......................................................... | 17,452 | 17,462 | 17,492 | 17,575 | 17,408 | 18,012 | 18,237 | 3,560 | 3,620 | 3.644 | 3.645 | 3,598 | 3.753 | 3.731 |
|  | Military ............................................................... | 8,960 | 9,371 | 9,355 | 9,403 | 9,400 | 10,131 | 10,333 | 1,775 | 1,846 | 1,814 | 1,792 | 1,796 | 1,951 | 2,017 |
| 34 | State and local................................................................... | 93,422 | 97,592 | 100,280 | 101,799 | 104,797 | 104,166 | 105,926 | 10,986 | 11,069 | 11,438 | 11,696 | 12,039 | 12,270 | 12,497 |

[^15]and Earnings by Industry, ${ }^{1}$ 2000:IV-2002:II
adjusted at annual rates]

| Alaska |  |  |  |  |  |  | Arizona |  |  |  |  |  |  | Arkansas |  |  |  |  |  |  | Line |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2000 | 2001 |  |  |  | 2002 |  | 2000 | 2001 |  |  |  | 2002 |  | 2000 | 2001 |  |  |  | 2002 |  |  |
| V. | F | I' | III' | iv. | $1 \cdot$ | \#19 | IV' | $1 \cdot$ | $1{ }^{\prime \prime}$ | III' | IV' | ' | 11 | IV ${ }^{\text {r }}$ | $1 \cdot$ | 11. | III | Iv | 1 | 118 |  |
| $\begin{aligned} & 19,066 \\ & \substack{9,042 \\ 14 \\ 14} \end{aligned}$ | $\left.\begin{array}{\|c} 19.372 \\ 19.326 \\ 112 \end{array} \right\rvert\,$ | 19,650 <br> 19,638 <br> 11 | $\left.\begin{gathered} 19,78 \\ 19,768 \\ 12 \\ 12 \end{gathered} \right\rvert\,$ | $\left.\begin{gathered} 19.78 \\ 19.987 \\ 197 \\ 12 \end{gathered} \right\rvert\,$ | $\begin{aligned} & 20.38 \\ & 20,314 \\ & 14 \end{aligned}$ | $\left.\begin{gathered} 20.55 \\ 20.524 \\ 10 \\ 11 \end{gathered} \right\rvert\,$ | $\begin{aligned} & 133.700 \\ & \text { B3, } 157 \\ & \hline 543 \end{aligned}$ | $\begin{aligned} & 135,454 \\ & 34,740 \\ & \hline 764 \end{aligned}$ | $\begin{array}{\|c} 137.088 \\ 136,38 \\ \hline 05 \end{array}$ | $\begin{array}{r} 138,817 \\ \text { B88,149} \\ \hline 667 \end{array}$ | $\begin{aligned} & 137,899 \\ & \text { 137.45 } \\ & 7729 \end{aligned}$ | $\left.\begin{gathered} 140,320 \\ \text { 138.380 } \\ 1,340 \end{gathered} \right\rvert\,$ | $\begin{aligned} & 141,674 \\ & \substack{40,798 \\ 496 \\ \hline} \end{aligned}$ | $\begin{gathered} 59,922 \\ 58,282 \\ 1,101 \\ \hline \end{gathered}$ | $\begin{gathered} \text { ci,041 } \\ 59.943 \\ 5,097 \\ \hline \end{gathered}$ | $\begin{gathered} 61,30 \\ 6,090 \\ 6,1,986 \\ \hline \end{gathered}$ | $\begin{gathered} 61,83 \\ 60,57 \\ 6,1,57 \\ \hline \end{gathered}$ | $\begin{gathered} 62,186 \\ \substack{61089 \\ \hline 1,1,999 \\ 1} \end{gathered}$ | $\left.\begin{aligned} & 63,205 \\ & 6,209 \\ & 1,125 \\ & 1,25 \end{aligned} \right\rvert\,$ | $\begin{aligned} & 64,151 \\ & 6,0,15 \\ & 1,1,36 \\ & \hline \end{aligned}$ | ${ }^{2}$ |
| $\begin{aligned} & 14,314 \\ & 7846 \\ & \hline-864 \end{aligned}$ | $\left.\begin{array}{r} 14,677 \\ -759 \\ -394 \end{array} \right\rvert\,$ | $\begin{array}{r} 14.971 \\ \hline-99 \end{array}$ | $\begin{array}{r} 15.104 \\ -987 \\ -925 \end{array}$ | (15,958 | (15.500 | $\substack { 15.652 \\ \begin{subarray}{c}{286{ 1 5 . 6 5 2 \\ \begin{subarray} { c } { 2 8 6 } } \\ {-958} \end{subarray}$ | $\underset{\substack{94,972 \\ 5.743 \\ \hline 454}}{\substack{45}}$ | $\begin{aligned} & 95,886 \\ & 5,864 \\ & 466 \end{aligned}$ | ${ }_{\substack{97,196 \\ 5665}}^{\text {d, }}$ |  | ${ }_{\substack{96,935 \\ 5,954}}^{454}$ |  | 99,000 | - 40.600 |  |  |  |  |  | cis43,234 <br> 2.855 <br> -322 | ${ }_{5}^{4}$ |
|  |  | $\substack { \text { li3.74 } \\ \begin{subarray}{c}{233{ \text { li3.74 } \\ \begin{subarray} { c } { 2 3 3 } } \end{subarray}$ |  |  |  |  |  | cinctige |  |  | $\underset{\substack{9,1,44 \\ 26.689}}{\substack{\text { a }}}$ |  | ${ }_{\text {che }}^{\text {93295 }}$ | ${ }^{3717889}$ |  |  |  | cosision |  | - | ${ }_{8}^{7}$ |
|  | ${ }_{\substack{\text { c, } \\ 3.102}}^{\text {3.24 }}$ | ${ }_{\substack{3 \\ 3 \\ 3142 \\ 112}}$ |  | $\xrightarrow{3.201}$ |  | $\xrightarrow{3,482}$ | ${ }^{2} 17.200$ | ${ }_{\text {cki }}^{2} \times 136$ | ${ }^{28.727}$ | ${ }_{19}^{29.296}$ | 198.805 | ${ }^{20,687}$ | ${ }^{21,507}$ | ${ }_{10,685}^{225}$ | ${ }^{11,115}$ | ${ }^{11} 12385$ | ${ }^{11,565}$ | ${ }^{1+1,814}$ | ${ }^{12,245}$ | 12,496 | 10 |
| ${ }^{2} .989$ | ${ }^{3.003}$ | 3,031 | ${ }^{3.963}$ | 3,1138 3 | 3,199 | 3,248 3 | 17,726 | 17,940 | ${ }^{18,477}$ | ${ }^{19.003}$ | 19,364 | 20,104 | ${ }^{20.487}$ | 10,42 | 10.859 | 11,075 | ${ }^{11,293}$ | ${ }^{11,954}$ | ${ }^{11,825}$ | 11,986 | 11 |
| ${ }^{10.832}$ | ${ }^{11,071}$ | 11.399 | 11.499 | 11,432 | ${ }^{11,708}$ | 11,798 | ${ }^{77,282}$ | 77.804 | 78.764 | 79.823 | 78.554 | ${ }^{79,058}$ | 79.754 | 31.666 | ${ }^{32,329}$ | 32,432 | 32.615 | 32,705 | 33.071 | 33,468 |  |
| 1,773 | 1,805 | ${ }^{1,823}$ | ${ }^{1,886}$ | ${ }_{1}^{1,836}$ | ${ }^{1,888}$ | 1.902 | ${ }_{9.956}$ | ${ }_{8}^{8.949}$ | 10,045 | ${ }_{10,017}^{10.4}$ | 9,890 | ${ }_{10,762} 10.9$ | ${ }_{10,366}$ | ${ }_{5}^{5,135}$ | ${ }_{5,124}$ | ${ }_{5}^{5} 5$ | ${ }_{5}^{5,224}$ | ${ }_{5,276}$ | ${ }_{5,401}^{4,49}$ | 5,460 | ${ }_{14}$ |
| 1.765 | 1,799 | 1,817 | 1,831 | 1,831 | ${ }^{\text {1,872 }}$ | 1,998 | ${ }^{9,996}$ | ${ }_{9,546}^{402}$ | ${ }_{9,688}^{358}$ | ${ }^{9,700}$ | ${ }^{9,573}$ | ${ }_{9}^{9,788}$ | ${ }^{10,022}$ | 4,884 | 4,230 | 4,3155 | 4,423 | 4,870 | 4,585 | 4,683 | 15 |
| 14,300 |  |  |  |  |  |  | ${ }_{94,429}^{543}$ | ${ }_{95}^{746}$ | ${ }_{96,405}$ | ${ }_{97,645}^{667}$ | ${ }_{96,206}^{729}$ | ${ }^{19390}$ |  | -1.101 | ${ }^{40,305}$ | ${ }_{40,500}^{1.086}$ | ${ }^{1.007}$ | ${ }_{40,960}^{1,096}$ | ${ }_{4}^{1.1,544}$ | ${ }_{4}^{1,1,36}$ |  |
| 9,769 |  | 10,227 | cision | 10.272 | ${ }^{\text {10,593 }}$ | - 10.230 |  | ${ }^{79,980}$ | 80.564 | 81,948 | 79,977 | ${ }^{\text {80,433 }}$ | 81.884 | ${ }^{32.659}$ | ${ }_{3}^{43,343}$ | 33,275 | ${ }_{33,620}^{402}$ | 33,405 |  | ${ }_{3}^{44.528} 3$ | ${ }_{19}^{19}$ |
| 1.056 | 1.1091 | $\stackrel{1}{1,202}$ | ${ }^{1} 1.115$ | ${ }^{1} 1.150$ | 1.114 | 1.102 | ${ }_{7}^{562}$ | ${ }^{575}$ | ${ }_{7} 565$ | 5478 | 532 | ${ }_{7}^{513}$ | 517 | ${ }_{230}^{235}$ | ${ }_{241}^{24}$ | ${ }^{248}$ | ${ }_{258}^{258}$ | 259 | 271 | ${ }^{266}$ | ${ }^{21}$ |
| ${ }_{5} 534$ | ${ }_{5} 546$ | ${ }_{5} 54$ | ${ }^{5} 56$ | 548 | '557 | ${ }_{5}{ }_{537}$ | 11,766 | 11,912 | 11,434 | ${ }^{11,379}$ | ${ }^{11,170}$ | ${ }^{11,045}$ | ${ }_{11,021}$ | ${ }_{8}^{2.374}$ | ${ }_{8}^{2,379}$ | ${ }_{8.224}^{2.28}$ | ${ }_{8,245}$ | ${ }_{8,126}$ | ${ }_{8,147}$ | 8.297 | ${ }_{23}$ |
| 1631 | 1688 | 155 <br> 390 <br> 95 | ${ }_{415}^{145}$ | +138 | 146 4 4 | $1{ }_{404}^{133}$ | ${ }_{\text {9, }}^{1.850}$ | 9,942 | ${ }^{\text {9,5055 }}$ | ${ }_{\text {c }}^{1,4989}$ | ${ }_{\substack{9,306 \\ 1864}}$ | 9,066 | ${ }^{\text {9,0924 }}$ | ${ }_{3}^{4.647}$ | ${ }_{3}^{4.587}$ | 4.533 | ${ }_{3}^{4.466}$ | ${ }_{\substack{4,367 \\ 3,79}}$ | 4,422 | 4,494 | ${ }_{25}^{24}$ |
| 1,5502 | 1.5166 | +.5354 | 1, 1.588 | 1,5444 | +1.597 | 1.633 | ${ }_{5}^{1.5898}$ | ${ }_{5}^{5.552}$ | ${ }_{\substack{\text { 5, } \\ 5 \\ 5.623 \\ \hline 1.92}}$ | cition | ${ }_{\substack{1.5616}}^{5}$ | ${ }_{5}^{1}$ | ${ }_{5}^{1,5655}$ | $\substack { 3.507 \\ \begin{subarray}{c}{3.507 \\ 2{ 3 . 5 0 7 \\ \begin{subarray} { c } { 3 . 5 0 7 \\ 2 } } \\{\hline 15} \end{subarray}$ | co. | cisi.650 | $\underset{\substack { 3,676 \\ \begin{subarray}{c}{3120{ 3 , 6 7 6 \\ \begin{subarray} { c } { 3 1 2 0 } }\end{subarray}}{ }$ |  | $\xrightarrow{3}$ |  | ${ }^{26}$ |
| ${ }_{1}^{1,248}$ | 1.275 | ${ }^{1,267}$ | ${ }_{1}, 300$ | ${ }^{1,299}$ | ${ }^{1.336}$ | ${ }^{1,345}$ | ${ }_{\substack{\text { g.8.888 }}}^{\text {c, }}$ | ${ }_{9}^{5.983}$ | 10,035 | ${ }^{10.1989}$ |  | 10,192 | 5, | ${ }_{4}{ }_{4}, 572$ | ${ }_{4,813}$ | ${ }_{4,657}^{2,57}$ | ${ }_{4}^{4,817}$ | ${ }_{4}^{2,808}$ | ${ }_{4}$ | ${ }_{4}^{4,989}$ | 28 |
| 3.227 | ${ }_{3} .2932$ | 3, 3.298 | 3.369 | 3.3939 | - 3.57 | 3.5998 | ${ }_{\text {20,382 }}{ }^{\text {9.059 }}$ | ${ }^{28.0675}$ | ${ }_{\text {2 }}^{26,584}$ | ${ }^{29,0989}$ | ${ }_{20}^{29.2666}$ |  | - ${ }^{9.9,92}$ | ${ }_{\substack{1,1988 \\ 9,198}}$ | $\xrightarrow{1.938}$ | ¢ ${ }_{\text {d, }}^{1.989}$ | ${ }^{\text {9, }, 296}$ | ${ }_{\substack{2,022 \\ 9,682}}^{\text {, }}$ | 1,977 | $\stackrel{\text { 1,989 }}{9,816}$ | ${ }_{30}^{29}$ |
| 4, ${ }_{\text {4, }}^{1.130}$ | ${ }_{4}^{4,671}$ | ${ }^{4} 4.732$ | ${ }^{\text {4,776 }}$ | ${ }^{4} 17.76{ }^{4}$ | ${ }_{4}^{4.896}$ | ${ }^{4} 1.958$ |  | cis | cois | citiche | citi.f | cisi.739 | ${ }^{\text {cosin }}$ | ${ }_{\substack{6 \\ 1.8278}}$ | ¢ | ${ }_{\substack{7,224 \\ 1,28 \\ \hline}}$ | ciplit | ¢7,340 <br> 1.297 | ¢ |  | 31 |
| +1,012 | 1.1079 <br> 2.420 | (1,068 | 1, 1 | +1.046 | ${ }^{1} 1,54$ | 1,1558 | , | (1.340 | ci.315 | (1, 1.303 | +1, 1238 | - | ci.tiso | 466 5.200 | -4288 | +473 | +4735 | +505 | -5558 | ${ }_{\substack{563 \\ 5 \\ 565}}$ | ${ }_{3}^{33}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{7}{|c|}{Connecticut} \& \multicolumn{7}{|c|}{Delaware} \& \multicolumn{7}{|c|}{District of Columbia} \& \multirow{3}{*}{Line} \\
\hline 2000 \& \multicolumn{4}{|c|}{2001} \& \multicolumn{2}{|r|}{2002} \& 2000 \& \multicolumn{4}{|c|}{2001} \& \multicolumn{2}{|c|}{2002} \& 2000 \& \multicolumn{4}{|c|}{2001} \& \multicolumn{2}{|c|}{2002} \& \\
\hline IV r \& ' \& 11 r \& III \({ }^{\text {r }}\) \& IV. \& \(1{ }^{\prime}\) \& 118 \& IV' \& 1 \& II' \& III \({ }^{\text {r }}\) \& N' \& \(1{ }^{\circ}\) \& 110 \& IV' \& \(1{ }^{\prime}\) \& 11 ' \& III' \& IV' \& \(1{ }^{\prime}\) \& 118 \& \\
\hline \[
\begin{array}{r}
144,518 \\
144,310 \\
208
\end{array}
\] \& \[
\left.\begin{array}{|}
146,177 \\
145,978 \\
192
\end{array} \right\rvert\,
\] \& \[
\left|\begin{array}{c}
145.566 \\
145,375 \\
1 \\
1991
\end{array}\right|
\] \& \[
\left\lvert\, \begin{aligned}
\& 145,221 \\
\& 145,033 \\
\& 188
\end{aligned}\right.
\] \& \[
\begin{array}{r}
144,408 \\
144,220 \\
\hline
\end{array}
\] \& \[
\begin{array}{|}
145,963 \\
145,795 \\
168
\end{array}
\] \& \[
\left.\begin{array}{|}
147,751 \\
147,593 \\
157
\end{array} \right\rvert\,
\] \& \[
\begin{array}{r}
255,495 \\
25,390 \\
\hline 105
\end{array}
\] \& \[
\begin{gathered}
25.572 \\
25,400 \\
172
\end{gathered}
\] \& \[
\begin{array}{r}
25,796 \\
25,633 \\
164
\end{array}
\] \& \[
\begin{gathered}
26,072 \\
25,999 \\
163
\end{gathered}
\] \& \[
\begin{array}{r}
25,972 \\
25,805 \\
\quad 167
\end{array}
\] \& \[
\begin{gathered}
26,660 \\
26.502 \\
158
\end{gathered}
\] \& \[
\begin{aligned}
\& 27,114 \\
\& 27,016 \\
\& 97
\end{aligned}
\] \& 22,743
22,743
0 \& 22,807
22.807
0 \& 23,036
23,036
0 \& 22,972
22,972
0 \& 23,019
23,019
0 \& \[
\left.\begin{aligned}
\& 23,309 \\
\& 23,309 \\
\& 0
\end{aligned} \right\rvert\,
\] \& \[
\begin{array}{r}
23,612 \\
23,612 \\
0
\end{array}
\] \& 1
2
3 \\
\hline \[
\begin{gathered}
100.848 \\
5.798 \\
6.991
\end{gathered}
\] \& 102,530 \& 102,020 \(\begin{array}{r}\text { 5,927 } \\ 6.73\end{array}\) \& 101.576 \& 100,687 \&  \& 103,000 6 \& \(\begin{array}{r}19,640 \\ 1.178 \\ -1,171 \\ \hline 1\end{array}\) \& \(\begin{array}{r}19,605 \\ 1,185 \\ -1,084 \\ \hline 1\end{array}\) \& 19,898 \& 20,218 \& 20,073
1.220
-1.152 \& 20.717
1.278
-1.199 \& \begin{tabular}{l}
21,024 \\
1.298 \\
-1236 \\
\hline 18
\end{tabular} \& \(\begin{array}{r}48,478 \\ 2.40 \\ -30.863 \\ \hline\end{array}\) \& [ \begin{tabular}{r}
48,711 \\
\hline 2.48 \\
-3089
\end{tabular} \& \begin{tabular}{r}
49,517 \\
\hline 2.549 \\
-31473
\end{tabular} \& 49,182
2.533
-31200 \& \begin{tabular}{r}
49,275 \\
\hline 2.564 \\
-31230
\end{tabular} \&  \& 50,260
2.632
-31802 \& 4
5
6 \\
\hline 102,050 \& 103,471 \& 102,867 \({ }^{6,773}\) \& 102,386 \& 101,574 \& 102.542 \& 103,361 \(\begin{array}{r}6,46 \\ 1\end{array}\) \& \(\stackrel{-1,121}{17,341}\) \& -17,336 \& \(\xrightarrow{-1,129}\) \& - \(\begin{gathered}-1,175 \\ 17,815\end{gathered}\) \& -17,701 \& \({ }_{18}^{-1,299}\) \& \(-1,236\)
18,491 \& - \(\begin{array}{r}-30.863 \\ 15.176\end{array}\) \& \({ }_{-}^{-30,982} 1\) \& - \(\begin{gathered}-31,473 \\ 15,495\end{gathered}\) \& -31,201 \& -31,481 \& \(\xrightarrow{-31,422} 1\) \& - \begin{tabular}{c}
\(-31,802\) \\
15,826 \\
\hline
\end{tabular} \& \({ }^{6}\) \\
\hline 27,273 \& 27,459 \& 26,964 \& \({ }_{26,882}\) \& \({ }_{26,676}\) \& 26,733 \& -17,233 \& 5,179 \& \& \& 5,089 \& 5,049 \& 5,063 \& 5,168 \& 4,791 \& 4.749 \& 4,699 \& 4,669 \& 4.621 \& 4,627 \& 4,713 \& 8 \\
\hline 15,195 \& 15,540

1566 \& \begin{tabular}{l}
15.735 <br>
\hline 152 <br>
\hline 1

 \& 15,954 \& 

16.159 <br>
\hline 621

 \& 16,688 \& 17,157 \& 

2,975 <br>
\hline

 \& 

3,088 <br>
\hline 86 <br>
\hline 8

 \& 3,129 \& 

3,168 <br>
\hline 82 <br>
3

 \& 

3,223 <br>
3 <br>
\hline 123

 \& 

3,358 <br>
3 <br>
\hline 128
\end{tabular} \& 3,455 \& - 2,777 \& 2,817 \& 2,841 \& 2,866 \& 2,918 \& $\begin{array}{r}\text { 3,053 } \\ \\ \\ \hline 170\end{array}$ \& 3,073 \& 9

10
10 <br>
\hline 14,857 \& 15,174 \& 15,293 \& 15,427 \& 15,537 \& 15,902 \& 16,061 \& 2,900 \& 3.003 \& 3,042 \& 3,086 \& 3,120 \& 3,231 \& 3,279 \& 2,725 \& 2,766 \& 2,783 \& 2,804 \& 2,821 \& 2,882 \& 2,909 \& 11 <br>
\hline 88.715 \& ${ }_{8}^{82,133}$ \& 81.439 \& ${ }_{8}^{80,955}$ \& 80.129
8888 \& 881,42 \& 81.548 \& ci6.288 \& 16,184 \& 16,432 \& ${ }_{\text {16, }}^{1601}$ \& 16.549 \& ${ }^{17,076}$ \& 17,334 \& 38,795 \& 38,811 \& 39,420 \& 39,047 \& 39,133 \& 39,178 \& 39,564 \& 12 <br>
\hline 11,708 \& 11,784 \& 11,941 \& 11,980 \& 11.869 \& 12,174 \& 12,381 \& 1.502 \& 1.588 \& 1.590 \& 1,599 \& 1,603 \& 1,627 \& 1,618 \& 2,791 \& 2,828 \& 2,865 \& ${ }_{2} \mathbf{7 , 8 9 8}$ \& 2,905 \& 2,950 \& 3,000 \& 14 <br>
\hline 11,63
11,625 \& +1,720 \& 11,880 \& 11,924 \& 11,815 \& 12,31

12,144 \& | 12,364 |
| :--- |
| 1 | \& 1,67

1,435 \& 133
1,447 \& $\begin{array}{r}124 \\ 1,466 \\ \hline\end{array}$ \& $\begin{array}{r}1123 \\ \hline 1,476\end{array}$ \& 127
1,476 \& 1,511 \& $\begin{array}{r}1.55 \\ \hline 1,563\end{array}$ \& 2,791 \& 2.828 \& 2,865 \& 2,898 \& 2,905 \& $\begin{array}{r}2,950 \\ \hline 20\end{array}$ \& 3,000 \& 15
16 <br>
\hline ${ }^{208}$ \& ${ }_{102} 192$ \& 191 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& ${ }^{0} 0$ \& \& \& \& 17 <br>
\hline 100,640

88,872 \& | 102,338 |
| :--- |
| 90.063 | \& 101.829

89,208 \& \begin{tabular}{c}
101,387 <br>
88.681 <br>
\hline

 \& 

100.498 <br>
87,463

 \& 

102,048 <br>
89,136
\end{tabular} \& 102,842

89,779 \& -19,535 \& 19.433
16.813 \& 19,734
17,083 \& 20,055 \& 19,906 \& 20.559
17,760 \& 20,927 \& 48,478
29,211 \& 48,710
29,042 \& 29,547 \& 49,182
29,429 \& 49,275
29,843 \& 49,658
29,446 \& 50,260
29,859 \& 18
19 <br>
\hline 88, 541 \& ${ }^{5} 5$ \& ${ }^{582}$ \& ${ }^{8} \mathbf{8 9 5}$ \& ${ }^{8} 578$ \& -622 \& -608 \& (0) \& -10) \& (0) \& (0) \& ${ }^{(0)}$ \& (0) \& (0) \& (D) \& (D) \& (0) \& (0) \& (0) \& (0) \& ${ }^{29,08}$ (D) \& 20 <br>
\hline 159
5.239 \& 5.350 \& 146
5.485 \& 148
5.506 \& 5.401 \& 156
5.635 \& 154
5.572 \& 1,206 \& 1.203 \& 1.23 \& 1,252 \& 1,286 \& 1,331 \& 1.457 \& 545 \& 542 \& 532 \& 528 \& 5 \& 569 \& \& <br>
\hline 18,252 \& 17.826 \& 18,339 \& 17,116 \& 17.265 \& 17,109 \& 17.094 \& 3.814 \& 3.657 \& 3,771 \& 3.872 \& 3,701 \& 3.745 \& 3,883 \& 1,001 \& 966 \& 934 \& 916 \& 911 \& 915 \& 901 \& 23 <br>
\hline ${ }^{12} 5$ \& ${ }_{\substack{12,090 \\ 5 \\ 5 \\ \hline 15}}$ \& ${ }^{12,701}$ \& \$1,562 \& $\underset{\substack{11,547 \\ 5 \\ \hline}}{ }$ \& cis ${ }_{5}^{11.480}$ \& 11,336 \& 2949 \& 8888 \& 1,002
2 \& 1,000 \& ${ }_{2}^{8902}$ \& ${ }^{8878}$ \& 2905 \& 141 \& ${ }_{831}^{131}$ \& $\begin{array}{r}124 \\ 810 \\ \hline\end{array}$ \& ${ }_{787}^{129}$ \& ${ }_{793}^{118}$ \& 778 \& ${ }_{769} 13$ \& 24 <br>
\hline 5,159 \& 5,266 \& 5,185 \& 5,168 \& 5.054 \& 5,951 \& 5,047 \& \% ${ }_{894}^{2,862}$ \& ${ }_{8}{ }_{8} 888$ \& 8881 \& ${ }_{8}{ }_{88}$ \& ${ }^{2} 888$ \& ${ }_{873}^{2,886}$ \& ${ }^{2} 8788$ \& 1,515 \& 1,461 \& 1.561 \& 1,576 \& 1,627 \& 1,521 \& 1,499 \& ${ }_{26}$ <br>
\hline 5,983 \& 5.674 \& 5,951 \& 6,1977 \& 5.138 \& 5.783 \& 5,619 \& 824 \& 870 \& 823 \& 828 \& 837 \& 881 \& 888 \& 376 \& 373 \& 366 \& 383 \& 377 \& 396 \& 409 \& 27 <br>
\hline -7,685 \& 17,738 \& 15,745 \& - 8 8, 1673 \& 16,640 \& 8,223
16,775 \& 8,355

16,922 \& \begin{tabular}{l}
1,621 <br>
3,302 <br>
\hline

 \& 1,677 \& 

1,657 <br>
3,363 <br>
\hline

 \& 

1,686 <br>
3,521 <br>
\hline

 \& 

1,687 <br>
3,384 <br>
\hline

 \& 3,745 \& 

1,765 <br>
3,718 <br>
\hline
\end{tabular} \& 1,047

3,257 \& 1,068
2,919 \& 1,077
3,114 \& 1,043
2,860 \& 1,040
2,930 \& 1,051
2,549 \& 1.084
2,618 \& ${ }_{29}^{28}$ <br>
\hline 29.515 \& 29.635 \& 29,852 \& 29,709 \& 29,296 \& 29,881 \& 30.408 \& 5,136 \& 5.128 \& 5,245 \& 5,235 \& 5.286 \& 5,338 \& 5.421 \& 20,394 \& 20.624 \& 20,863 \& 21,087 \& 21,181 \& 21,234 \& 21.591 \& 30 <br>

\hline 11,768 \& $\underset{\substack{12,275 \\ 1 \\ 1 \\ \hline 1 \\ \hline}}{ }$ \& ${ }_{1}^{12,422}$ \& $\underset{\substack{12.706 \\ 1.429}}{ }$ \& $\underset{13,035}{13}$ \& +12.912 \& $\underset{\substack{13.063 \\ 1.461}}{1.02}$ \& 2, 3 , 637 \& $\begin{array}{r}2.620 \\ \hline 353\end{array}$ \& 2,652 \& 2,668 ${ }^{253}$ \& $\begin{array}{r}2,737 \\ \hline 351\end{array}$ \& $\begin{array}{r}2,799 \\ \hline\end{array}$ \& $\begin{array}{r}2,807 \\ 3 \\ \hline\end{array}$ \& | 19,267 |
| :--- |
| +5 |
| 1595 | \& 19,668

16.479 \& \begin{tabular}{l}
19,989 <br>
16,655 <br>
\hline

 \& 

19,752 <br>
16.495 <br>
\hline

 \& 

19,432 <br>
16,17 <br>
\hline 18
\end{tabular} \& 20.211

16.861 \& 20,401
17037 \& ${ }_{32}^{31}$ <br>
\hline - 521 \& ${ }_{5}$ \& ${ }^{1} 1.4235$ \& -534 \& ${ }^{1,469}$ \& -1,430 \& 1,4635 \& \& 277 \& ${ }_{2} 73$ \& 269 \& 277 \& 304 \& 312 \& +1,248 \& 1640
1
1 \& 16,095
1
1,297 \& -1,276 \& 1.281 \& -1,388 \& +1,396 \& 33 <br>
\hline 9,851 \& 10,308 \& 10,661 \& 10,743 \& 11,053 \& 10,827 \& 10,968 \& 2,036 \& 1,991 \& 2,030 \& 2,046 \& 2,109 \& 2,127 \& 2,120 \& 2,064 \& 1,880 \& 2,036 \& t,981 \& 2,034 \& 1,963 \& 1,967 \& 34 <br>
\hline
\end{tabular}

[Millions of dollars, seasonally

| Line | Item | Florida |  |  |  |  |  |  | Georgia |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2000 | 2001 |  |  |  | 2002 |  | 2000 | 2001 |  |  |  | 2002 |  |
|  |  | IV' | $1 /$ | $1{ }^{\text {r }}$ | III' | IV' | $1 \times$ | 118 | N' | r | 11. | III ${ }^{\text {r }}$ | IV | 1 | 118 |
|  | Income by place of residence |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 464,427 462652 | 469.110 467.386 | 474,193 472,437 | 477.155 475,396 | 478.044 475.989 | ${ }_{483,846}^{486,256}$ | ${ }_{4}^{492,621} 4$ | ${ }_{235,444}^{2368}$ | 239,297 <br> 237,444 | 240,495 238,538 | 241,700 239,774 | 242,091 | 244.518 243,860 | ${ }_{247,703}^{248,826}$ |
|  | Farm income (line 17) $\qquad$ | ${ }_{\text {462, }}^{1,775}$ | 46, 1,724 | 47,757 | 47,759 | 2,054 | 483,8469 | ${ }_{\text {4, }}^{4965}$ | 235,443 | ${ }^{237,445} 1$ | 238,538 | 239,792 | 240,158 | 243,860 1,65 | 24,1,123 |
|  | Derivation of personal income |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eamings by place of work (lines $12-16$ or 17-34). | 290.518 | ${ }^{292} 1775$ | 296,939 | 298823 | 298.244 | 303.746 | 306.800 | 180,540 1020 | 182.176 | 183.122 | 183,808 1,558 | 183.937 | 186.168 <br> 18.848 | 187,902 |
|  | Less: Personal contributions for Plusi Adiustment tor residence | 17,789 1.041 | 18,194 | 18.521 <br> 1.031 | 18,678 <br> 1.078 | 18,711 1,013 | 19,281 1,000 | 19,466 <br> 1,008 | 10,222 -500 | 10,429 -473 | ${ }^{10,506}$ | $\begin{array}{r}10,558 \\ -481 \\ \hline\end{array}$ | 10,569 | 10,848 <br> -491 | 10,955 |
|  | Equals: Net earmings by place of residence.. | 273,770 | 275,628 | 279,449 | 280,763 | 280.546 | 285,466 | 288,343 | 169,818 | 171,275 | 172,131 | 172,769 | 172,877 | 174,829 | 176,440 |
|  | Plus: Dividends, interest, and rent ${ }^{\text {a......... }}$ | 121,627 | 121,972 | 121.948 | 122,385 | 122.194 | 122,663 | 124,724 | 41,094 | 40.914 | 40,677 | 40,725 | 40.518 | 40,748 | 41,765 |
|  | Plus: Transter payments.... | 69,029 | 71,510 | 72,996 | 74,007 | 75,304 | 78,127 | 79,554 | 26,071 | 27.107 | 27,687 | 28,2064 | 28,697 | 29,940 | 30,621 |
|  | State unemployment insurance benefits..................exice | 789 68,291 | 70,718 | 71,855 | 73,034 | 1,372 73.932 | 1,865 76,262 | 2,277 77,277 | 25.709 | 26,677 | 27,109 | 27,562 | 7885 27.912 | 1,071 28,869 | 1,335 29,286 |
|  | Earnings by place of work |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Components of earning: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 |  | 27,358 | 27,458 | 27,959 | 28,059 | 28,294 | 29,182 | 29,824 | 16,948 | 17,160 | 17,355 | 17,510 | 17,697 | 18,244 | 18,690 |
|  |  | 28,878 | 28.974 | 29,287 | 29,414 | 29,420 | 30,458 | 30.563 | 20.741 | ${ }^{21,188}$ | 21.334 | 21,540 | 21,791 | 21.911 | 21,781 |
|  |  | 28,036 | 28,332 | 28,689 | 28,877 | $\begin{array}{r}\text { 28,631 } \\ \hline 189\end{array}$ | 29,343 | 30,033 | 1.261 19,481 | 1,535 19,653 | 1.616 19,718 | 19,975 | 1.559 20,232 | 20,637 | $\begin{array}{r}\text { 21,054 } \\ \hline\end{array}$ |
|  | Earnings by industry |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 171818192021222324242627272829303132323334 | Farm earnings..... | 1,775 | 1.724 | 1,757 | 1,759 | 2.054 | 2.409 | 1,865 | 1.539 | 1,852 | 1,957 | 1,926 | 1.933 | 1,657 | 1,123 |
|  |  | ${ }_{242.238}^{288,743}$ | 291,051 | 246,909 | 296,664 | 247,565 | 252,288 | 355,666 | 1791,252 | 180,324 | 151,346 | 181,882 | ${ }_{152}^{182.443}$ | 184,570 | ${ }^{\text {186.7.73 }}$ |
|  | Agricultural services, forestry, fishing, and other ${ }^{6}$....... | 2,940 | 2,962 | 3.013 | 3,169 | 3,043 | 3,077 | 3,014 | 1,069 | 1,130 | 1,133 | 1,177 | 1,211 | 1,185 | 1.153 |
|  |  |  | 417 | 435 | 452 | 425 | 393 | 393 | 421 | 418 | 414 | 417 | 413 | 445 | 454 |
|  | Construction. | 18.009 | 18,362 | 18.5936 | 19.076 | ${ }^{19,176}$ | 19.435 | 19,790 | 10.757 | 11, 135 | 10.989 | 11,089 | 11.010 | 11.308 | 11,399 |
|  | Manutacturing. | 21,663 | 21.599 | 21,337 | 21,382 | 21.050 | 21.171 | 20.999 | 24,880 | ${ }^{24.866}$ | 24,615 | 23,995 | 23.981 | 24,053 | ${ }^{23,986}$ |
|  | Nondurabie goods. | 7,958 | 7,858 | 7,792 | - | + 7 | ${ }_{7} \mathbf{7 , 5 6 2}$ | 7,509 | ${ }_{13,297}$ | 13,266 | ${ }_{13,063}$ | - 13,054 | 12,934 | 12,965 | ${ }_{13,005}^{10,981}$ |
|  | Transportation and public utilities. | 18,843 | 19,052 | 18.939 | 19,229 | 18.957 | 19,082 | 19,372 | 19,407 | 18,987 | ${ }^{19,197}$ | 19,375 | 19,730 | 19,102 | 19.449 |
|  | Wholesale trade. | 19.194 | 18.958 | 19,083 | 19,043 32,796 | 18,903 | 19.274 <br> 3288 | 19,428 | 15.071 | 14,901 | 14,732 | 14,851 | 14.605 | 14.749 | 14,887 <br> 1675 |
|  | Retail trade. | 31,440 | ${ }^{39,083}$ | 32,216 | ${ }_{2} 29.606$ | -32,407 | 30,372 | 30,392 | 13,418 | -13,834 | 13,567 | 16,964 | -13.881 | ${ }^{14,4245}$ | 14.342 14.385 |
|  | Finance, insurance, and | 101,420 | 102.590 | 103.866 | 104,401 | 103.909 | 106,586 | 108,443 | 50.277 | 50,671 | 51,355 | 51,389 | 51,248 | 52,420 | 53,425 |
|  | Government and government enterprises............................. | 46.506 | 45,898 | 48,273 | 47.510 | 48.625 | 49.049 | 49,269 | 27,749 | 28,244 | 28,819 | 29,174 | 29,560 | 30,521 | 30,949 |
|  | Federa, civilian................................................... | 7,694 | 8,000 | 8,054 | 8,082 4830 | 7.987 | \% ${ }_{5}^{8,347}$ | 8.408 | 5,984 | ¢, 6 | 6,205 | 6,210 | 6,199 | 6,515 | ${ }_{6}^{6,614}$ |
|  | State and local......................................................... | 34,338 | 33,206 | 35,610 | 34,798 | 35,918 | 35,508 | 35,619 | 17,974 | 18,095 | 18,606 | 19,010 | 19,421 | 19,775 | 20,020 |


| Line | Item | Indiana |  |  |  |  |  |  | lowa |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2000 | 2001 |  |  |  | 2002 |  | 2000 | 2001 |  |  |  | 2002 |  |
|  |  | IV | 15 | $11{ }^{\text {r }}$ |  | IV | $1 \times$ | 118 | IV . | I | 11 r | III' | IV' | $1 \cdot$ | 110 |
|  | Income by place of residence | $\begin{gathered} 166.879 \\ 166,337 \\ 542 \\ \hline \end{gathered}$ | $\begin{array}{r} 169,300 \\ 168,577 \\ \hline 723 \end{array}$ | $\begin{aligned} & 169,454 \\ & 168,787 \\ & 668 \end{aligned}$ | $\begin{array}{r} 170,505 \\ 169,893 \\ 613 \end{array}$ | $\begin{gathered} 170,282 \\ \mathbf{1 6 9 , 6 3 9} 693 \\ 649 \end{gathered}$ | $\begin{array}{r} 171,799 \\ 171,318 \\ 481 \end{array}$ | $\begin{aligned} & 173,182 \\ & 173,360 \\ & -1787 \end{aligned}$ | $\begin{gathered} 78,673 \\ 76,886 \\ 1,787 \end{gathered}$ | $\begin{gathered} 79,642 \\ 78,063 \\ 1,580 \\ 1,88 \end{gathered}$ | $\begin{gathered} 79,761 \\ 78,289 \\ 1,471 \end{gathered}$ | $\begin{array}{r} 80,123 \\ 78,789 \\ 1,334 \end{array}$ | $\begin{array}{r} 80,046 \\ 78.748 \\ 1,299 \end{array}$ | $\begin{gathered} 81,433 \\ 80.168 \\ 1,265 \end{gathered}$ | $\begin{array}{r} 81.570 \\ 81,213 \\ 357 \end{array}$ |
|  | Personal income (lines 4-11) Nonfarm personal income $\qquad$ Farm income (line 17) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Derivation of personal income |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Earnings by place of work (lines 12-16 or 17-34) ...................... | ${ }^{115,620}$ | 117.346 | 117,350 | 118,144 | 117.659 | 118.234 | ${ }^{118.388}$ | 54,193 | 54.868 | 54,955 | 55,171 | 55,001 | 56.145 | ${ }^{55,774}$ |
| 6 |  |  | 7,298 3,460 | 7,320 3,442 | 7,389 3,471 | 7,371 3,426 | 7,7,420 | 7.543 | - 3 3,393 | 3,500 | $\begin{array}{r}3,520 \\ \\ \hline 59\end{array}$ | ${ }^{3} \mathbf{3} 585$ |  |  |  |
| 7 | Eguals: Met earnings by place of residence............ | +11,962 | 113.508 | 113,472 | 114.223 | 113,714 | 114,148 | 114,301 | 51,405 | 51,939 | 52,014 | 52,203 | 52,039 | 53.033 | 52,648 |
|  | Plus: Dividends, interest, and rent ${ }^{\text {c........... }}$ | 32.787 | 32.796 | 32,544 | 32,477 | 32.359 | 32.513 | ${ }^{33,053}$ | 16,552 | 16.710 | 16.592 | 16,603 | 16,555 | 16,607 | 16,856 |
|  |  | ${ }^{22.130}$ | ${ }^{22,995}$ | 23,438 | 23, ${ }_{594}$ | 24,720 | 25,137 | $\begin{array}{r}25,828 \\ \hline 1.196 \\ \hline\end{array}$ | 10,706 237 | 10,923 | 11,155 <br> 129 | 11,317 | 11,453 | ${ }^{11,793}$ | -12,067 |
| 11 | State unemployment insurance beneefits................ | 21,769 | 22,544 | 22,866 | 23,212 | 23,484 | 24,284 | 24,632 | 10,469 10 | 10,750 | 10,862 | 10,984 | 1371 11.081 | 11,385 | 11,550 |
|  | Earnings by place of work |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Components of earnings: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Wage and salary disbursem | 93, ${ }^{\text {31,98 }}$ | 95,126 | 95,039 11.615 | 95,620 | 95,042 | 95,335 <br> 12.074 <br> 10, | 95.772 12.322 | 42,344 | ${ }^{43} 4102$ | 43,205 <br> 4.978 | 43,481 5037 | - | 44,191 | 44,506 5,376 |
| 14 |  | 10,365 | 10,655 | 10,696 | 10,725 | 10,737 | 10.826 | 10,287 <br> 1 | 6,989 | 6,831 | 4,978 6,71 | ${ }_{6,653}^{50,48}$ | 6,637 | 6,687 | 5,892 |
| 15 | Farm proprietors' income. |  | 453 | 386 | 320 | 1344 | 175 | -493 | 1,457 | 1,232 | 1,106 | 954 | 908 | 866 |  |
| 16 | Nontarm proprietors' income.. | 10,078 | 10,201 | 10,310 | 10,405 | 10,393 | 10,651 | 10.780 | 5,533 | 5,600 | 5,666 | 5,698 | 5,728 | 5,821 | 5,945 |
|  | Earnings by industry |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Farm earnings ...... |  | 723 | 668 | 613 | ${ }^{643}$ | 481 | -178 | ${ }^{1,787}$ | 1.580 | 1,471 | 11,334 | 1,299 | 1.265 | 357 |
| 18 | Noontarmearaings. | ${ }^{115,078}$ | 116,623 | 116,682 | 117.528 | 117.015 | 117.753 | 118,560 | 52.406 | 53,288 | 53.483 | 53,837 | 53.702 | 54.880 | 55,417 |
| 20 |  | 5999 |  |  |  |  | 101,076 |  | - 399 | 4 | ${ }^{44,426}$ | 434 | 431 | 430 |  |
| 21 |  | 450 | 432 | 463 | 461 | 475 | 479 | 476 | 92 | 107 | 96 | 100 | 100 | 116 | 122 |
| 2 |  | 7,542 | 7,753 | 7.805 | 7,990 31400 | 8,020 30.851 |  | 8,136 30813 |  | ${ }^{3,375}$ | ${ }^{3,475}$ | 3,460 | ${ }_{1}^{3,509}$ |  |  |
| 24 | Manuacturing.... | - 32,490 | 31,301 22.636 | 22,812 | 22,622 | 22,144 | ${ }_{22,203}$ | 30,83 22.531 | 6.730 | ${ }_{6} 664$ | 10.764 | ${ }_{6} 10.659$ | - | ${ }_{6} \mathbf{6}, 38$ | 10,477 |
| 25 | Nondurable goods. | 8.923 | 8.665 | 8.669 | 8.778 | 8,707 | 8.408 | 8,281 | 4.009 | 4,041 | 4.041 | 4.085 | 4.072 | 4,041 | 4,081 |
| 26 | Transporation and public utilitie | 7,151 | 7,438 | 7.210 | 7,229 | 7.147 | 7.057 | 7.094 | 3.512 | 3.509 | 3,487 | 3.539 | 3.567 | 3,555 | 3.601 |
| 27 | Wholesale trade. | 6,714 | 6.764 | 6.718 | 6.562 | 6,572 | 6.476 | 6.479 | 3.503 | 3.562 | 3.580 | 3.448 | ${ }^{3,375}$ | 3.723 | 3.715 |
| 28 29 |  | 10,461 | 10.817 <br> 8.026 | 77.568 | 10,901 7 | 10,670 7.674 | 10,928 7926 | 10,981 88014 | 4,986 4.301 | 5,063 4.506 | 5,071 <br> 4 <br> 184 | 5,117 4 4 | 5,149 4506 | 5,175 4.822 | 5.224 4.801 |
| 30 | Services... | 27,129 | 27.387 | 27.808 | 28.212 | 28.332 | 28,630 | 29,024 | 12.844 | 13,188 | 13,104 | 13,334 | 43,332 | 13,631 | ${ }^{13,786}$ |
| 31 | Government and government enterprises........ | 15.385 | 16,094 | 16,017 | 16.413 | 16.639 | 16.678 | 16,917 | ${ }^{8.808}$ | ${ }^{8.866}$ | ${ }^{9} .056$ | ${ }^{9.137}$ | 9,350 +137 | 9,497 | 9,591 |
| ${ }_{33}^{32}$ | Federal, civilian....................................................... | 2,3866 | 2.424 | 2,430 | 2.459 | 2.425 | 2,508 | 2,553 | 1,126 | 1.138 | 1,139 | 1.143 | 1,137 | 1,190 | 1.200 |
| 34 | State and local.................................................... | 12,618 | 13,293 | 13,216 | 13.584 | 13.771 | 13,666 | 13.852 | 7.456 | 7.506 | 7.699 | 7.777 | 7,938 | 7,990 | 8.068 |

[^16]and Earnings by Industry, ${ }^{1}$ 2000:IV-2002:II-Continued
adjusted at annual rates]

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{7}{|c|}{Hawaii} \& \multicolumn{7}{|c|}{Idaho} \& \multicolumn{7}{|c|}{illinois} \& \multirow{3}{*}{Line} \\
\hline 2000 \& \multicolumn{4}{|c|}{2001} \& \multicolumn{2}{|c|}{2002} \& 2000 \& \multicolumn{4}{|c|}{2001} \& \multicolumn{2}{|c|}{2002} \& 2000 \& \multicolumn{4}{|c|}{2001} \& \multicolumn{2}{|c|}{2002} \& \\
\hline IV' \& 1 \& il \({ }^{\text {r }}\) \& 111 ' \& N' \& 1 ' \& 118 \& N. \& 1 \& II' \& 111 r \& IV' \& \(1 \times\) \& 118 \& IV' \& \(1{ }^{\prime}\) \& II' \& III' \& IV \& 1 ' \& 110 \& \\
\hline \[
\begin{array}{r}
34,976 \\
34,791 \\
185
\end{array}
\] \& \[
\begin{gathered}
35, .375 \\
35,194 \\
180
\end{gathered}
\] \& \[
\begin{gathered}
35,41 \\
35,227 \\
38
\end{gathered}
\] \& \[
\begin{gathered}
35,684 \\
35,497 \\
188
\end{gathered}
\] \& \[
\begin{gathered}
35.569 \\
35,378 \\
\hline 190
\end{gathered}
\] \& 36,566
36,361
195 \& 36,887
366610
197 \& 31,925
31,140
785 \& \(\begin{array}{r}32,235 \\ 31,239 \\ \hline 996\end{array}\) \& \[
\begin{aligned}
\& 32,484 \\
\& 31,532 \\
\& \hline 952
\end{aligned}
\] \& 32,697
31,761
936 \& \[
\begin{aligned}
\& 32,684 \\
\& 31,716 \\
\& 968
\end{aligned}
\] \& \begin{tabular}{l}
33,502 \\
32,27 \\
1,275 \\
\hline
\end{tabular} \& \[
\begin{array}{r}
33,566 \\
32,745 \\
821
\end{array}
\] \& \[
\begin{gathered}
409.599 \\
408,327 \\
1.263
\end{gathered}
\] \& 412,233
400.933
1,250 \& 411,340
410.248
1,092 \& 413,747
412,729
1,018 \& \(\begin{array}{r}411,479 \\ 470,47 \\ 1,003 \\ \hline\end{array}\) \& \begin{tabular}{|c}
414,141 \\
412,93 \\
1,204 \\
\\
\hline
\end{tabular} \& \[
\begin{gathered}
418.531 \\
418.328 \\
203
\end{gathered}
\] \& \({ }_{3}^{2}\) \\
\hline \[
\begin{array}{r}
25,293 \\
1,394 \\
23,899
\end{array}
\] \& \[
\begin{array}{r}
25,628 \\
1,429 \\
14,199
\end{array}
\] \& \[
\begin{array}{r}
25.627 \\
1,432 \\
24,195
\end{array}
\] \& \[
\begin{array}{r}
25,857 \\
1,451 \\
24,406
\end{array}
\] \& \[
\begin{array}{r}
25,614 \\
1,440 \\
24,174
\end{array}
\] \& 26,499
1,511
24.988
0 \& \[
\begin{array}{r}
26,614 \\
1,512 \\
25,102
\end{array}
\] \& \(\begin{array}{r}22.542 \\ 1,295 \\ \text { 471 } \\ 21717 \\ \hline 1.18\end{array}\) \& 22,615
1,401
487
21.801 \& 22,793
1,322
2196
21967 \& \(\begin{array}{r}22,904 \\ 1,332 \\ 482 \\ 22055 \\ \hline\end{array}\) \& \(\begin{array}{r}22.805 \\ 1,325 \\ 476 \\ 21.955 \\ \hline\end{array}\) \& 23.444
1,362
243
24.536 \&  \& 299,130
16.92
-1,25
280
289 \& \[
\begin{aligned}
\& 300,842 \\
\& 17271 \\
\& 1724 \\
\& 282,24 \\
\& 2824
\end{aligned}
\] \& 299.608
17.226
-1.169
28169
281.213 \&  \& \begin{tabular}{r}
298,425 \\
17 \\
\hline 1.04 \\
28096 \\
280.125
\end{tabular} \& \(\begin{array}{r}299,495 \\ 17 \\ \text {-1,063 } \\ 2810 \\ 28020 \\ \hline 8\end{array}\) \& \(\begin{array}{r}301,059 \\ 17.57 \\ -1.023 \\ 282.059 \\ \\ \\ \hline 1.459\end{array}\) \& 4
5
6
7 \\
\hline \({ }_{6,922}\) \& 6,914 \& 6,891 \& 6,899 \& 6,874 \& \({ }_{6}^{24,983}\) \& \({ }^{25,001}\) \& \({ }_{6} \mathbf{6}, 157\) \& 6, 6.203 \& \({ }_{6}^{21,966}\) \& \({ }_{6,204}^{22,05}\) \& \({ }_{6,196}\) \& \({ }_{6} \mathbf{6}\).222 \& \({ }_{6}^{22,324}\) \& \({ }_{83,540}\) \& 283,619 \& \({ }_{83,150}^{281,13}\) \& 282,900 \& 280.125 \& \({ }_{83,061}^{281,02}\) \& 282,459 \& 8 \\
\hline 4,154 \& 4.262 \& 4,324 \& 4,3799 \& 4,522 \& 4,675 \& 4,704 \& 4,050 \& 4,231 \& 4,330 \& \({ }^{6} 4.438\) \& 4,533 \& 4,745 \& 4,858 \& 45.123 \& \({ }_{46,267}\) \& 46,977 \& 477.722 \& 48,570 \& 50.058 \& 51,620 \& 9 \\
\hline 4,059 \& 4,160 \& 4,207 \& 4,256 \& 4,293 \& 4,399 \& 4,444 \& 3,934 \& 124
4,106 \& 4,185 \& 4, 4 4,27 \& 4,329 \& 4,497 \& 4,571 \& 43,806 \& \(1,4,44\)
44,834 \& 1,696
45,280 \& 45,757 \& 2,440
46,130 \& 2,858
47,200 \& \(\begin{array}{r}\text { 3, } \\ 47,664 \\ \hline\end{array}\) \& 11 \\
\hline 19,644 \& 19,866 \& 19,835 \& 20,029 \& 19,809 \& 20.469 \& 20,482 \& 16,894 \& 16.727 \& 16.910 \& 16.978 \& 16,827 \& 17,027 \& 17,238 \& 240,416 \& 241,757 \& 240.395 \& 241732 \& 238.725 \& 238,647 \& 240,171 \& 12 \\
\hline 2,917 \& 2,993
2,769 \& 2,982
2,800 \& 3,022
2,806 \& 3,029
2,776 \& 3,200
2,830 \& 3,253
2.879 \& 1.979
3 \& 1,975
3
3 \& 1.984
3.898 \& - \begin{tabular}{l}
2,020 \\
3,906 \\
\hline
\end{tabular} \& 2,008 \& 2.089
4.297 \& 2.148 \& 26.443
32271 \& \({ }_{32399}^{26,686}\) \& 26,735
32478 \& \({ }_{3}^{27,070}\) \& 27.019
32688 \& \({ }_{33,332}^{27,56}\) \& \({ }^{28,069}\) \& 13
14
14 \\
\hline \& 2,-1 \& \({ }^{2} 8\) \& \& 2,76 \& \& 2,67 \& \({ }_{414}\) \& \({ }_{6} 626\) \& , 577 \& 558 \& 588 \& 4888 \& 425 \& 899 \& 867 \& \({ }^{3,490}\) \& 600 \& 574 \& \({ }_{766}\) \& -248 \& 15 \\
\hline 2.728 \& 2.770 \& 2,801 \& 2,807 \& 2.778 \& 2.830 \& 2.883 \& 3,255 \& 3,287 \& 3,321 \& 3,347 \& 3,382 \& 3,409 \& 3.471 \& 31,372 \& 31,532 \& 31,788 \& 32,035 \& 32,108 \& 32,566 \& 33,067 \& 16 \\
\hline 185 \& 180 \& 184 \& 188 \& 190 \& 195 \& 197 \& 785 \& 996 \& 952 \& 936 \& 968 \& \({ }^{1,275}\) \& 827 \& 1,263 \& 1,250 \& 1,092 \& 1,018 \& 1,003 \& 1.204 \& 203 \& \\
\hline 25.108
17749 \& 25,448 \& 25.443 \& 25.669
18.074 \& 25,424 \& 26.354
18.209 \& \({ }_{18,255}^{26,417}\) \& 21,757 \& 21,619 \& \({ }_{17}^{21,841}\) \& \({ }_{2}^{21,969}\) \& \({ }_{1}^{21,886}\) \& 22.139 \& 22.460
17.997 \& \({ }^{297}{ }^{29867}\) \& 299,5929 \& 298.516
258.256 \& 300,409
259989 \& 257.423 \& \({ }_{256}^{298639}\) \& 300.856 \& 18 \\
\hline \(\begin{array}{r}17.49 \\ 158 \\ \hline\end{array}\) \& \(\begin{array}{r}17.883 \\ 159 \\ \hline\end{array}\) \& +157 \& -163 \& +1.686 \& [18.292 \& 18,250 \(\begin{array}{r}160 \\ \hline 18\end{array}\) \& \(\begin{array}{r}17,902 \\ \hline 170\end{array}\) \& - \(\begin{array}{r}17.566 \\ 312 \\ 151\end{array}\) \& 77,847 \& 17,74
318
141 \& 17,686 \& \begin{tabular}{r}
17,74 \\
\hline 17 \\
1
\end{tabular} \& \(\begin{array}{r}17,97 \\ \hline 14 \\ \hline\end{array}\) \& 258,959 \& 259,9,595 \& 258,256
1,620 \& 259,398 \& 256,523 1,626 \& 256,363
1,540
1, \& 258,591 \& 19
20 \\
\hline 28
1,519 \& 29
1.541 \& 26
1.515 \& [ \(\begin{array}{r}26 \\ 1,531\end{array}\) \& 127
1.513 \& 29
1.557 \& 29
1,614 \& 170
1.782 \& \(\begin{array}{r}151 \\ 1,877 \\ \hline\end{array}\) \& \(\begin{array}{r}146 \\ 1.944 \\ \hline\end{array}\) \& \(\begin{array}{r}141 \\ 1,921 \\ \hline\end{array}\) \& \(\begin{array}{r}141 \\ 1.867 \\ \hline\end{array}\) \& \(\begin{array}{r}1741 \\ \hline 1,747 \\ \hline\end{array}\) \& \(\begin{array}{r}144 \\ 1,756 \\ \hline\end{array}\) \& 177,127 \& r

17.636 \& $\begin{array}{r}188 \\ 17.815 \\ \hline 8.8\end{array}$ \& r
18.130 \& 18.199 \& \& 18.394 \& 21
22 <br>
\hline -757 \& 791 \& 773 \& 771 \& 751 \& 759 \& . 764 \& 4,344 \& 3,700 \& 3,754 \& 3,617 \& 3.566 \& 3,525 \& 3,696 \& 50,482 \& 50,295 \& 49,176 \& 48,992 \& 47,973 \& 47,387 \& 47, 638 \& 23 <br>
\hline 227 \& 244 \& ${ }_{2}^{236}$ \& 232 \& 229 \& ${ }_{5}^{228}$ \& 232 \& 3,322 \& 2,684 \& 2.713 \& 2.599 \& 2.522 \& + 2.518 \& 2.635 \& 30.223 \& 29,953 \& 29,333 \& ${ }^{28.788}$ \& 28,304 \& 27.339 \& 27.467 \& 24 <br>
\hline $\begin{array}{r}1,985 \\ \hline\end{array}$ \& 2,017 \& 1,993 \& 2,008 \& 1,904 \& 1,849 \& 1,897

1,893 \& 1,382 \& 1,492 \& | 1,436 |
| :--- | \& 1,436 \& 1.446 \& 1,623 \& 1,572 \& 22,208 \& 21,713 \& 21,800 \& 21,674 \& 21,322 \& 20,980

20 \& 21.243 \& <br>
\hline 883 \& ${ }^{8} 875$ \& 884 \& 884 \& 853 \& , 884 \& ,909 \& 1,219 \& 1.217 \& ${ }^{1,236}$ \& 1,243 \& 1.222 \& 1,192 \& 1,199 \& 21,620 \& $2{ }^{21,165}$ \& 20,998 \& 21, 264 \& 20,735 \& 21.1016 \& $2{ }^{21,1096}$ \& 27 <br>

\hline ${ }_{1}^{2,989}$ \& | 2,925 |
| :--- |
| 1,974 | \& 2,981 \& | 1,933 |
| :--- |
| 1,998 | \& 1,8882

1,98 \& 2.854

2.314 \& 2,082 \& 2,222 \& | 2,277 |
| :--- |
| 1,180 | \& +2,206 \& 2,304

1,206 \& 2,293
1,183 \& 2,330
1,209 \& 2,365
1.232 \& 22,699 \& 23,467

32,724 \& | 22,98 |
| :--- |
| 32,005 |
| 10 | \& 32, 3200 \& 23,275

32,464 \& 23, 31,984 \& 23,625
32,263 \& ${ }_{29}^{28}$ <br>
\hline 7.616 \& 7.573 \& 7,713 \& 7,759 \& 7.673 \& 7,801 \& 7,914 \& 5.322 \& 5,357 \& 5,502 \& 5.528 \& 5,652 \& 5,663 \& 5.724 \& 90,221 \& 90,463 \& 90,990 \& 91,222 \& ${ }^{89,990}$ \& 90,953 \& 91.907 \& 30 <br>
\hline 7.360 \& 7.564 \& 7.481 \& 7.595 \& 7.737 \& 8.094 \& ${ }^{8,162}$ \& 3,848 \& 4,063 \& 3,994 \& 4,254 \& 4,151 \& 4,392 \& 4,463 \& 38,988 \& 39,682 \& 40,260 \& 41,011 \& 40,900 \& 41,928 \& 42,265 \& 31 <br>
\hline $\begin{array}{r}1,952 \\ \mathbf{2}, 447 \\ \hline\end{array}$ \& $\begin{array}{r}1,994 \\ 2,585 \\ \hline\end{array}$ \& 2,958 \& 2,536 \& 2,547 \& 2,740
2.702 \& - 2,759 \& 759
300 \& 761
313 \& 788
310 \& ${ }_{3}^{826}$ \& 804
310 \& 823
349 \& 848
356 \& 6,178
$i$ \& 2,026 \& 6,301
2,039 \& 6,266
2,015
3,215 \& 6,156 \& 6, 2,198
3 \& ¢ \& <br>
\hline 2,960 \& 2,986 \& 2,931 \& 3,090 \& 3,264 \& 3,333 \& 3,351 \& 2,790 \& 2,989 \& 2,896 \& 3,127 \& 3,037 \& 3,220 \& 3,259 \& 30,794 \& 31,357 \& 31,920 \& 32,730 \& 32,675 \& 33,380 \& 33,734 \& 34 <br>
\hline
\end{tabular}

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{7}{|c|}{Kansas} \& \multicolumn{7}{|c|}{Kentucky} \& \multicolumn{7}{|c|}{Louisiana} \& \multirow{3}{*}{Line} \\
\hline 2000 \& \multicolumn{4}{|c|}{2001} \& \multicolumn{2}{|c|}{2002} \& 2000 \& \multicolumn{4}{|c|}{2001} \& \multicolumn{2}{|c|}{2002} \& 2000 \& \multicolumn{4}{|c|}{2001} \& \multicolumn{2}{|c|}{2002} \& \\
\hline IV \& \(1 r\) \& 11. \& III \({ }^{r}\) \& IV \& \(1{ }^{\prime}\) \& 110 \& IV' \& \(1 /\) \& 11. \& 117 \& IV \& \(1 '\) \& 110 \& IV. \& \(1{ }^{1}\) \& I' \& 111 \& N' \& \(1{ }^{\prime}\) \& 110 \& \\
\hline \[
\begin{array}{r}
75,049 \\
74,497 \\
552
\end{array}
\] \& 76,487
7.773
774 \& 76,689
76017
671 \& 77,419
76.788
632 \& 77,296
76775
580 \& \begin{tabular}{c}
79,352 \\
77.945 \\
1,408 \\
\hline
\end{tabular} \& \begin{tabular}{c}
80,342 \\
78937 \\
1,405 \\
\hline
\end{tabular} \& 99,719
98,276
1,443 \& \[
\begin{gathered}
100.599 \\
99.640 \\
9
\end{gathered}
\] \& \% \begin{tabular}{c}
100,934 \\
99.930 \\
1,004 \\
\hline
\end{tabular} \& \[
\begin{gathered}
101,980 \\
101,020 \\
\hline 960
\end{gathered}
\] \& \[
\begin{gathered}
101,801 \\
100,823 \\
9078
\end{gathered}
\] \& \[
\begin{aligned}
\& 103,011 \\
\& 102,116 \\
\& \hline 99
\end{aligned}
\] \& \[
\begin{aligned}
\& 104,378 \\
\& 103,755 \\
\& 673
\end{aligned}
\] \& \[
\begin{array}{r}
105,409 \\
105,079 \\
330
\end{array}
\] \& \[
\begin{aligned}
\& 107.745 \\
\& 107.397 \\
\& \hline 348
\end{aligned}
\] \& \(\begin{array}{r}108,872 \\ 108.514 \\ 314 \\ \hline 14\end{array}\) \& \[
\left.\begin{gathered}
10,406 \\
110,086 \\
320
\end{gathered} \right\rvert\,
\] \& \[
\begin{gathered}
111,263 \\
110,925 \\
, 238
\end{gathered}
\] \& \[
\begin{aligned}
\& 12.945 \\
\& 112.500 \\
\& \hline 146
\end{aligned}
\] \& \[
\begin{gathered}
114,077 \\
113,759 \\
318
\end{gathered}
\] \& \(\stackrel{1}{2}\) \\
\hline 52,315 \& 53.508 \& 53,667 \& 54,293 \& 54,048 \& 55,699 \& 56,301 \& 69,412 \& 69,936 \& 70,175 \& 71,114 \& 70,773 \& 71,363 \& 71,996 \& 71,975 \& 73,444 \& 74,120 \& 75,007 \& 75.509 \& 76,562 \& 77,049 \& \\
\hline 3,205 \& 3,313 \& 3,335 \& 3,387 \& 3,379 \& 3,476 \& 3,507 \& 4,135 \& 4,252 \& 4.277 \& 4,352 \& 4,337 \& 4,443 \& 4.483 \& \({ }^{3,856}\) \& 3.994 \& 4,041 \& 4,094 \& 4,125 \& 4,233 \& 4,259 \& \\
\hline 50,080 \& \& \({ }_{51.278}{ }^{946}\) \& \({ }_{51} 9495\) \& 958
51.626 \& \(\begin{array}{r}\text { 53,209 } \\ \hline\end{array}\) \& 53,750 \& \({ }_{64,284}{ }^{-993}\) \& - \(\begin{aligned} \& -1,039 \\ \& 64.645\end{aligned}\) \& - 64.1041 \& -1,077 \& -1.072
65.364 \& -1,078 \& -1.11
666402 \& 68,036 \& - \(\begin{array}{r}-108 \\ 69,342\end{array}\) \& -118
69.961 \& \begin{tabular}{l} 
70,781 \\
\hline -132
\end{tabular} \& 71,249 \& \(\begin{array}{r}\text { - } \\ \hline 72.189\end{array}\) \& \(\begin{array}{r}\text { - } 72.659 \\ \hline\end{array}\) \& \({ }^{6}\) \\
\hline 15,419 \& 15,480 \& 15,405 \& 15,409 \& \({ }^{51} 5.359\) \& \({ }_{15,408}\) \& 15,644 \& 18,463 \& 18,432 \& 18,318 \& \({ }_{18,286}\) \& 18,187 \& 18,246 \& 18.570 \& 18,972 \& 18,939 \& 18,698 \& 18,777 \& 18,675 \& 18,727 \& 19.029 \& 8 \\
\hline \begin{tabular}{l}
9,550 \\
\hline 190
\end{tabular} \& 9,858 \& 10,005 \& .10,156 \& 10,310 \& 10,735 \& 10.943 48 \& 16,972 \& \(\begin{array}{r}17,514 \\ \hline 350\end{array}\) \& \(\begin{array}{r}17,759 \\ \hline 10 \\ \hline 10\end{array}\) \& 18,009 \& \({ }^{18,250}\) \& 18,992 \& \({ }^{19.406}\) \& 18.400

203 \& 19.463 \& 20,168 \& 20,849 \& 21,3729 \& 22.029 \& $\begin{array}{r}22,396 \\ \hline 496\end{array}$ \& 9 10 <br>
\hline 9,360 \& 9,656 \& 9,781 \& 9.914 \& 10,019 \& 10,323 \& 10,455 \& 16,645 \& 17,163 \& 17,349 \& 17,558 \& 17,730 \& 18,312 \& 18,566 \& 18,197 \& 19,251 \& 19,959 \& 20,619 \& 21,067 \& 21,648 \& 21,900 \& 11 <br>
\hline 41,489 \& 42,332 \& 42,484 \& 43,041 \& 42.810 \& 43.362 \& 43,744 \& 54,661 \& 55,455 \& 55,585 \& 56.390 \& 56,008 \& 56.514 \& 57,005 \& 55,960 \& 57,259 \& 57,815 \& 58.458 \& 58.745 \& 59,370 \& 59,718 \& <br>
\hline 4,999 \& 5.135 \& 5.169 \& 5.277 \& 5,301 \& 5.487 \& 5,602 \& 7.290 \& 7.423 \& 7.445 \& 7.578 \& 7.590 \& 7.785 \& 7,950 \& 7.323 \& 7.470 \& 7.600 \& 7,687 \& 7.829 \& 8.043 \& 8.205 \& ${ }^{13}$ <br>
\hline 5,827 \& 6,041 \& 6.013

282 \& \begin{tabular}{l}
5.975 <br>
\hline 228

 \& 

5,937 <br>
\hline 167

 \& 6,8899 \& 6,955 \& 

7,461 <br>
1,256 <br>
\hline
\end{tabular} \& 7,058

744 \& 7,145

783 \& 7,145 \& $\begin{array}{r}7,175 \\ \hline 737\end{array}$ \& $\begin{array}{r}7.064 \\ \hline 500\end{array}$ \& 7.041 \& ${ }_{8}^{8,692}$ \& | 8.715 |
| :--- |
| 162 | \& 8.705 \& ${ }^{8.8662}$ \& 8,935 \& 9,148

232 \& 9,126 \& <br>
\hline 5,627 \& 5,638 \& 5,731 \& 5,747 \& 5,770 \& 5,867 \& 5,992 \& 6,205 \& 6.314 \& 6,367 \& 6,419 \& 6,438 \& 6,514 \& 6,619 \& 8,537 \& 8,553 \& 8,587 \& 8,744 \& 8,805 \& 8,916 \& 9,029 \& 16 <br>
\hline 552 \& 774 \& 671 \& 632 \& 580 \& ${ }^{1,408}$ \& ${ }_{5}^{1,405}$ \& 1,443 \& 951 \& 1,004
69.171 \& 960
70.154 \& 978
69785 \& ${ }_{7}^{795}$ \& \& 330 \& 348 \& ${ }^{314}$ \& 320 \& ${ }_{5}^{338}$ \& 446 \& 318 \& <br>
\hline 51,763 \& 52,734 \& 52,995 \& 53.662 \& 53,467 \& 54,291 \& 54,896 \& 67,969 \& 68,985 \& 69,171 \& 70,154 \& 69,795 \& ${ }^{70,568}$ \& 71,322 \& 71.645 \& ${ }^{73,096}$ \& ${ }^{73,807}$ \& 74.687 \& 75,171 \& 76,116 \& 76.731 \& 18 <br>
\hline 42,675 \& 43,315 \& 43,529 \& 43,919 \& \& 44,219 \& 44,750
426 \& 55,512 \& 55,961 \& 56,100
519 \& 56,739 \& 56,403 \& 56,736 \& 57,426 \& 57,824 \& 59,483 \& 59,358 \& 60,164 \& 60,228 \& 60,946
508 \& $\begin{array}{r}61,418 \\ \hline 43\end{array}$ \& 20 <br>
\hline 391

556 \& | 401 |
| :--- |
| 544 | \& 411

549 \& 419
559 \& 415
574 \& 439
550 \& 426
553 \& -1,172 \& 511
1,241 \& $\begin{array}{r}\text { 1,305 } \\ \hline\end{array}$ \& 1,370 \& 1,426 \& + 1.412 \& 1.401 \& 3,468 \& 3.732 \& 3,730 \& 3,748 \& 3,789 \& 3,661 \& 3.620 \& 21 <br>
\hline 3,206 \& 3,151 \& 3,327 \& 3,246 \& 3.310 \& 3.316 \& 3.466 \& 4,186 \& 4,259 \& 4.321 \& 4,397 \& 4,343 \& 4,268 \& 4,280 \& 5,330 \& 5.278 \& 5,331 \& 5,512 \& 5,429 \& 5,440 \& 5.465 \& <br>
\hline 8,966 \& 9,164 \& 9,183 \& 9,159 \& 9,033 \& 9,046 \& 9,288 \& ${ }^{13,825}$ \& 13,834 \& 13,768 \& ${ }^{13,603}$ \& 13.341 \& 13,177 \& 13,457 \& 9,040 \& 9,235 \& 9,2066 \& 9,148 \& 9,170
3
3 \& 9,259 \& 9,289 \& ${ }_{24}^{23}$ <br>

\hline | 5,788 |
| :--- |
| 3,178 | \& 5,995

3,169 \& | 6,031 |
| :--- |
| 3,152 | \& 5,938

3,222 \& 5,804
3,229 \& 5.833

3,213 \& \begin{tabular}{l}
6,050 <br>
3,238 <br>
\hline

 \& 

8,995 <br>
4 <br>
\hline
\end{tabular} \& 8,945

4,889 \& 8,988

4,780 \& \begin{tabular}{l}
8,751 <br>
4,852 <br>
\hline

 \& 

8.574 <br>
4.767 <br>
\hline
\end{tabular} \& 8,398

4,779 \& \begin{tabular}{l}
8,533 <br>
\hline 8.924 <br>
\hline

 \& 

3,684 <br>
5.356 <br>
\hline

 \& 

3,774 <br>
5,461 <br>
\hline

 \& 

3,785 <br>
5 <br>
\hline 1421
\end{tabular} \& 3,767

5,381 \& \begin{tabular}{l}
3,744 <br>
5 <br>
\hline

 \& 

3,793 <br>
5.466 <br>
\hline
\end{tabular} \& 3.768

5.521 \& 24 <br>
\hline 5,002 \& 5,133 \& 5,006 \& 5,166 \& 5,178 \& 5.544 \& 5,351 \& 5,445 \& 5,454 \& 5.344 \& 5.577 \& 5.599 \& 5,418 \& 5.489 \& 5.702 \& 5,894 \& 5,978 \& 5,959 \& 6,010 \& 5,960 \& 6.036 \& 26 <br>
\hline 3,629 \& ${ }^{3.583}$ \& 3,603 \& 3,670 \& ${ }^{3}, 604$ \& ${ }^{3} .5488$ \& ${ }^{3} 5.568$ \& ${ }^{3.896}$ \& 3,884 \& ${ }^{3.883}$ \& 3.886 \& ${ }^{3,788}$ \& 3.940 \& 3,942 \& ${ }^{3.854}$ \& 3.904 \& 3,934 \& ${ }^{3} .9865$ \& 3.942 \& 4.066 \& 4,085 \& 27 <br>

\hline | 4,849 |
| :--- |
| 3448 |
| 1 | \& 4.964

3

3 \& | 4,937 |
| :--- |
| 3,598 | \& 5,007

3,635 \& \begin{tabular}{l}
4.998 <br>
3.645 <br>
\hline

 \& 5,017 \& 

5.069 <br>
3.794 <br>
\hline

 \& 

6,703 <br>
3,708 <br>
\hline
\end{tabular} \& - ${ }_{3,792}^{6.822}$ \& ¢ \& - ${ }_{\substack{6,852 \\ 3.840}}$ \& - ${ }_{3,751}$ \& 6,987

4,052 \& \begin{tabular}{l}
7,048 <br>
4,045 <br>
\hline 18

 \& - 

6,622 <br>
3,856 <br>
\hline
\end{tabular} \& 6,746

3

3 \& \begin{tabular}{l}
6,658 <br>
<br>
3,965 <br>
\hline

 \& 

6,811 <br>
3,987 <br>
\hline

 \& 

6,825 <br>
3,976 <br>
\hline

 \& 

6,928 <br>
4.118 <br>
\hline 188
\end{tabular} \& 7,076

4,161 \& 28
28 <br>
\hline 12.628 \& 12.819 \& 12,914 \& ${ }^{13,056}$ \& 13.008 \& 13.016 \& 13,235 \& 15,893 \& 16.164 \& 16.475 \& 16.687 \& 16,714 \& ${ }^{+6,968}$ \& 17,262 \& ${ }^{19.481}$ \& 19.875 \& 20,055 \& 20.520 \& 20.572 \& 21,007 \& 21.190 \& 30 <br>
\hline 9,088
7,529 \& 9,419

1,623 \& | 9,466 |
| :--- |
| 1,629 | \& 9,743

1,617 \& 9,702
1,605 \& 10,672 \& $\underset{\substack{10.146 \\ 1.686}}{ }$ \& ${ }_{\substack{12,628 \\ 2,023}}$ \& 13,024

2,114 \& $\begin{array}{r}13,070 \\ 2.141 \\ \hline 1\end{array}$ \& $\begin{array}{r}13,415 \\ 2 \\ 2 \\ \hline 144\end{array}$ \& $\begin{array}{r}13,393 \\ 2,154 \\ \hline\end{array}$ \& $\underset{\substack{13,832 \\ 2,141}}{ }$ \& $\begin{array}{r}13,896 \\ 2,135 \\ \hline\end{array}$ \& \begin{tabular}{l}
13,820 <br>
2,188 <br>
\hline

 \& 13,963 \& $\begin{array}{r}14,449 \\ 2 \\ \hline 2\end{array}$ \& $\begin{array}{r}14,522 \\ 2 \\ \hline 125\end{array}$ \& 

14,943 <br>
2,243 <br>
\hline
\end{tabular} \& $\begin{array}{r}15,770 \\ \hline 2 \\ \hline\end{array}$ \& 15,313

2
2 \& 31
32 <br>
\hline 1,115 \& 1,132 \& 1,115 \& 1,133 \& 1,142 \& 1,219 \& 1.220 \& 1,936 \& 2,044 \& 2,027 \& 2.017 \& 2,006 \& 2,109 \& 2,115 \& 1,280 \& 1,339 \& 1,334 \& 1,317 \& 1,356 \& 1,473 \& 1,499 \& <br>
\hline 6,443 \& 6,664 \& 6,722 \& 6,992 \& 6,955 \& 7,180 \& 7,241 \& 8,669 \& 8,866 \& 8,902 \& 9,255 \& 9,233 \& 9,583 \& 9,646 \& 10,352 \& 10,400 \& 10,862 \& 10,951 \& 11,344 \& 11,393 \& 11.506 \& 34 <br>
\hline
\end{tabular}

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


| Line | Item | Mississippi |  |  |  |  |  |  | Missouri |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2000 | 2001 |  |  |  | 2002 |  | 2000 | 2001 |  |  |  | 2002 |  |
|  |  | IV' | $1{ }^{\text {r }}$ | $11 \%$ | III ${ }^{\text {r }}$ | IV | $1 /$ | 110 | N ${ }$ | I | 115 | 1115 | IV | $1{ }^{1}$ | $11{ }^{\circ}$ |
| 123 | Income by place of residence |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Personal income (lines 4-11). | 60,521 | 61,795 | 61,969 | 62,278 | 62.611 | 63,919 | 64,731 | 156,248 | 157,887 | 158,423 | 159,641 | 159,673 | 161,694 | 162,788 |
|  | Nonfarm personal income ..................................................... | 60,069 | 60,931 | 61,112 | 61,422 | 61,749 | 63,322 | 64,215 | 155,681 | 157,243 | 157,846 | 159, 131 | 159,131 | 161,746 |  |
|  | Farm income (line 17) $\qquad$ <br> Derivation of personal income | 452 | ${ }^{864}$ | 857 | -856 | 863 | 597 | ${ }^{5} 16$ | ${ }_{567}$ | 644 | 577 | 510 | 542 | -52 | -694 |
| 11 | Earnings by place of work (lines 12-16 or 17-34)........................ | 39,333 | 40,139 | 40,127 | 40,152 | 40,348 | 41,192 | 41.546 | 111,993 | 112,903 | 113,247 | 114,260 | 114,106 | 115,372 | 115,398 |
|  | Less: Personal contributions for social insurance ${ }^{2}$......................... |  | 2,524 | 2,532 | 2,537 | 2,555 | 2,660 | 2.684 1 | 6,633 | 6,770 -311 | 6,811 | 6.899 -374 | 6,910 -3757 | 7.113 -383 | 7,133 |
|  | Plus: Adjustment for residence ${ }^{3}$ 3........................................... | 1,441 | 1,474 39 | 1.487 | 1,501 | 1.486 | 1,507 | 1,506 | ${ }^{-3,721}$ | -3,711 | $-3,713$ | $-3,747$ 10314 | $\begin{array}{r}-3.757 \\ \hline 103\end{array}$ | -3,837 | -3,816 |
|  | Equals: Net earnings by place of residence................................... | 38,312 | 39.089 | 39,082 | 39,116 | 39,278 | 40.038 | 40.368 | 101,639 | 102,422 | 102,723 | 103,614 | 103,439 | 104,422 | 104,450 |
|  | Plus: Dividends, interest, and rent 4 | 10,506 | 10.473 | 10,360 | 10,359 | 10,306 | 10,355 | 10,556 | 31,793 | 31,733 | 31,500 | 31,406 | 31,202 | 31,260 | 31,743 |
|  | Plus: Transfer payments ...................................................... | 11,702 | 12,232 | 12.527 183 | 12,802 189 | 13,027 | 13,525 | 13,807 | 22,817 | 23,732 | 24,200 | 24,622 | 25,032 | 26,012 | 26,594. |
|  | State unemployment insurance benefits............................ | 138 11.564 | 157 12,076 | 12,344 | 12,613 | 12,813 | 264 13,262 | 13,450 | 348 22.469 | 396 23,336 | 456 23.744 | $\begin{array}{r}455 \\ \\ \hline 2466\end{array}$ | $\begin{array}{r}544 \\ \hline 24.488\end{array}$ | 696 25.316 | 917 |
|  | Earnings by place of work |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1213141516 | Components of earnings: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Wage and saiary disbursements........................................... | 30,724 4 4 | 31,047 4,268 | 30,997 4.283 4.84 | 30,939 4,302 | 31,037 4,364 | 31,824 4.538 | 32,100 4.632 | 89,714 10,606 | 90,309 10,714 | 90,507 10.787 | 91,390 10,955 | 91,201 11 | 92,461 11,400 | 92,706 11606 |
|  | Proprietors' income ${ }^{\text {s }}$........................................................................................... | 4,406 | 4,825 | 4,847 | 4,911 | 4,947 | 4,830 | 4,813 | 11,672 | 11,880 | 11,953 | 11,915 | 11,857 | 11,510 | 11,086 |
|  | Farm proprietors' income.............................................. | 273 | 677 | 661 | 652 | 654 | 384 | 296 | 309 | 372 | 291 | 214 | 239 | -363 | -1,014 |
|  | Nonfarm proprietors' income........................................... | 4,133 | 4,148 | 4,186 | 4,259 | 4,293 | 4,446 | 4,517 | 11,364 | 11,508 | 11,662 | 11,701 | 11,619 | 11,873 | 12,100 |
|  | Earnings by industry |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 | Farm earnings ............................................................... | 452 | 864 | 857 | 856 | 863 | 597 | 516 | 567 | 644 | 577 | 510 | 542 | -52 | -694 |
| 18 | Nonfarm earnings............................................................ | 38,881 | 39,275 | 39,270 | 39,297 | 39,485 | 40,595 | 41,030 | 111.426 | 112,259 | 112,670 | 113,749 | 113,563 | 115,424 | 116,092 |
| 19 | Private earnings ................................................ | 30,038 | 30.288 | 30,203 | 30,187 | 30,259 | 31,218 | 31,570 | 94,409 | 94,902 | 95,163 | 95,992 | 95,718 | 97,104 | 97,592 |
| 20 | Agricultural services, forestry, fishing, and other ${ }^{6}$.............. | 317 | 354 | 356 | 360 | 367 | 364 | 352 | 591 | 623 | 625 | 639 | 634 | 677 | 661 |
| 21 | Mining .................................................................... | 298 | 352 | 358 | 354 | 350 | 354 | 354 | 284 | 296 | 312 | 300 | 281 | 324 | 332 |
| 22 | Construction.................................................................. | 2.405 | 2,364 | 2,354 | 2.427 | 2.495 | 2.779 | 2.821 | 7,589 | 7,950 | 8.101 | 8,071 | 8.048 | 8,057 | 8,004 |
| 23 | Manuiacturing ........................................................ | 7,357 | 7,331 | 7,248 | 7,101 | 7,014 | 7,246 | 7,308 | 18,208 | 17,653 | 17,622 | 17,873 | 17.868 | 17,550 | 17,595 |
| 24 | Durable goods. | 4,719 | 4,667 | 4,631 | 4,482 | 4,427 | 4,620 | 4.681 | 10,301 | 10,133 | 10,218 | 10,493 | 10,429 | 9,930 | 9,919 |
| 25 | Nondurable goods. | 2,638 | 2.664 | 2.618 | 2.619 | 2,587 | 2.626 | 2,627 | 7,907 | 7,519 | 7.404 | 7,380 | 7,439 | 7.620 | 7,677 |
| 26 | Transportation and public utilities.. | 2,583 | 2,708 | 2.603 | 2,585 | 2,563 | 2,662 | 2,687 | 9,399 | 9,468 | 9,338 | 9,369 | 9,324 | 9,889 | 9,769 |
| 27 | Wholesale trade........................................................ | 1,813 | 1,799 | 1,785 | 1,795 | 1,791 | 1,849 | 1,879 | 7.469 | 7,348 | 7,395 | 7,385 | 7,219 | 7,399 | 7,445 |
| 28 | Retail trade .............................................................. | 3,891 | 3,963 | 3,943 | 4,001 | 4,004 | 4,036 | 4,080 | 10,197 | 10,454 | 10,388 | 10,554 | 10,627 | 10,789 | 10.847 |
| 29 | Finance, insurance, and real estate. | 1.847 | 1,903 | 1,906 | 1,923 | 1.887 | 1,976 | 1,975 | 9,519 | 9,876 | 9.696 | 9,705 | 9,684 | 9,952 | 10,014 |
| 30 | Services.............................................................. | 9.529 | 9,514 | 9.650 | 9.640 | 9,787 | 9,953 | 10,113 | 31,153 | 31,235 | 31,687 | 32,096 | 32,034 | 32,467 | 32,924 |
| 31 | Government and government enterprises .............................. | 8.843 | 8,987 | 9,067 | 9,110 | 9,226 | 9,377 | 9.460 | 17,017 | 17,356 | 17,507 | 17,757 | 17,846 | 18.320 | 18,500 |
| 32 | Federal, civilian. | 1,527 | 1.566 | 1,572 | 1.570 | 1,552 | 1,603 | 1.612 | 3.634 | 3,722 | 3,713 | 3,702 | 3.680 | 3,818 | 3.854 |
| 33 | Military | 1,173 | 1,208 | 1,170 | 1,144 | 1,192 | 1,299 | 1,300 | 1,101 | 1,131 | 1,118 | 1.092 | 1,126 | 1,241 | 1,290 |
| 34 | State and local............................................................. | 6,143 | 6,213 | 6,324 | 6,395 | 6.482 | 6,474 | 6,548 | 12,282 | 12,504 | 12,675 | 12,963 | 13,040 | 13,262 | 13,356 |

See footnotes at the end of table.
and Earnings by Industry, ${ }^{1}$ 2000:IV-2002:II—Continued
adjusted at annual rates]

| Massachusetts |  |  |  |  |  |  | Michigan |  |  |  |  |  |  | Minnesota |  |  |  |  |  |  | Line |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2000 | 2001 |  |  |  | 2002 |  | 2000 | 2001 |  |  |  | 2002 |  | 2000 | 2001 |  |  |  | 2002 |  |  |
| IV' | r | " | III' | IV. | ' | 118 | V. | I | I' | III | N' | ${ }^{\prime}$ | 110 | v. | 1 | II' | III. | V' | I | 110 |  |
| $\left.\begin{array}{\|c\|c\|c\|c\|c\|} 24799 \\ 2110 \end{array} \right\rvert\,$ | ${ }_{250,193}^{250}$ | $\begin{gathered} 248.478 \\ 288,38 \\ 96 \end{gathered}$ | $\begin{aligned} & 247,285 \\ & 277,187 \\ & 99 \end{aligned}$ | $\begin{aligned} & 246,795 \\ & 246.504 \\ & \hline 104 \end{aligned}$ | $\begin{gathered} 248,052 \\ 287,969 \\ 91 \end{gathered}$ | $\begin{gathered} 255,764 \\ 251,688 \\ 68 \end{gathered}$ | $\begin{gathered} 2954,996 \\ \hline 24959 \\ 539 \end{gathered}$ | $\begin{gathered} 295,9990 \\ \substack{255.570 \\ 419} \end{gathered}$ | $\begin{array}{r} 297.595 \\ 297.24 \\ \hline 31 \end{array}$ | $\begin{gathered} 298.898 \\ \begin{array}{c} 298.535 \\ 355 \end{array} \\ \hline \end{gathered}$ | $\begin{array}{r} 297.954 \\ 297,545 \\ 409 \end{array}$ | $\begin{aligned} & 299,933 \\ & 297722 \\ & 223 \\ & \\ & \hline \end{aligned}$ | $\left.\begin{gathered} 302.799 \\ 3030.007 \\ -321 \\ -32 \end{gathered} \right\rvert\,$ |  | $\begin{aligned} & 166.043 \\ & 163.264 \\ & \hline 788 \end{aligned}$ | $\begin{array}{r} 164.370 \\ .63 .603 \\ \hline 667 \\ \hline \end{array}$ | $\begin{aligned} & 165,031 \\ & \text { i64,727 } \\ & \hline 157 \end{aligned}$ | $\begin{aligned} & 164.92 \\ & \substack{164,223 \\ \hline 689} \end{aligned}$ |  | $\begin{gathered} 168.648 \\ \substack{169.988 \\ -380} \end{gathered}$ | $\frac{1}{2}$ |
| 188,435 | 190.907 | 188,483 | 186.366 | 185,256 | 185,162 | 186.765 | 212,391 | 211.3 | 212,266 | 212,984 | 211,246 |  | 212.277 |  | 120.848 | 120.917 | 121.126 | 120,806 | 122,247 |  |  |
| - 10.58 | ${ }^{10.8882}$ | ${ }^{10,7732}$ | - 10.598 | - 10.259 |  | - | ${ }^{\text {12,986 }}$ | 12,9898 | 13,982 | ${ }^{13,998}$ | 13,007 | $\xrightarrow{\substack{13,082 \\ 1,004}}$ | 13.292 | -7.512 | ${ }^{7} 7711$ | -7,732 | 7,755 | T,757 | ${ }^{7} 71988$ | -8,032 | 5 |
| 172.95 | ${ }^{175,205}$ | 173,031 | 171,797 | 170,130 | 170,054 | 171.562 | 20.5576 | 1999,4323 | 200.227 | 200.872 | 199,220 | 197,691 | 200.023 | 111,267 | 112.011 | ${ }^{112,068}$ | 112,275 | 111,954 | 113,174 | 113,486 | 7 |
| ${ }^{28,539}$ | ${ }^{49,3691}$ | ${ }^{45,076}$ | 351,04 | ${ }^{44,939}$ | cisk | ${ }_{34}^{45,316}$ | ${ }_{39}^{59,042}$ | ${ }_{40,862}^{55,75}$ | ${ }_{42,54}^{55,34}$ | ${ }^{555,033} 4$ | ${ }^{544,79} 4$ | ${ }_{4}^{54,3885}$ |  |  | ce 3 3,008 | ${ }_{\text {3, }}^{\substack{33,747 \\ 18,55}}$ | ${ }_{\substack{33,79 \\ 19037}}^{\substack{19}}$ | ${ }_{\text {ceisk }}^{33,57}$ | ${ }^{33,7588}$ | ${ }^{34,439}$ | ${ }_{9}^{8}$ |
| ${ }^{27,783}$ | ${ }^{28,830}$ | ${ }^{1,1924}$ | 29.664 | ${ }^{1,9956}$ | ${ }^{2.362}$ | ${ }^{31,186}$ | ${ }^{3} \mathbf{3}, 7,589$ | 3, ${ }^{1,566}$ | ${ }_{4}^{1.551}$ | ${ }_{4}^{11,396}$ | ${ }_{4}^{1.0,944}$ | ${ }_{\text {a }}^{2,3,53}$ | (3,924 | 16,884 | ${ }^{17.564}$ | ${ }_{\text {creme }}^{17.933}$ | 18,37 <br> 18 | 18,569 | ${ }_{19,145} 9$ | +1,3,396 | 10 |
|  | 156 |  | 152, | 151,214 | 150.450 |  | 174,061 | 173,142 |  |  |  |  |  |  |  |  |  |  |  | 101,468 |  |
| ${ }_{\text {l }}^{15,982} 1$ | ${ }^{16,2888} 1$ | ${ }_{\substack{16,070 \\ 18,072}}$ | $\xrightarrow{\substack{16.013 \\ 18,130}}$ | - 17.2043 | cick | ${ }^{16,653} 18$ | ${ }^{20,596}$ | 20.564 | 20,822 | ${ }^{21,025} 1$ | $\xrightarrow{217,096}$ | $\xrightarrow{21,036} 1$ | ${ }_{1}^{217,636}$ | cini, 10.15 |  | ${ }^{10.3,751}$ | $\underset{\substack{10,43 \\ 10,83 \\ 10}}{ }$ | ${ }^{10,589} 1$ | 10,795 10,73 | 11,029 | ${ }_{14}^{13}$ |
| 17,816 | 17,902 | ${ }^{18} 8.885$ | 188,143 | 18.008 | 18.424 | 188744 | 177,765 |  | 17,900 | 18,047 | -18.150 | 18,380 | ${ }_{18,50}^{-974}$ | [0.858 | (0,420 | 10,498 <br> 1 | (20.64 | 180 10,608 | ${ }^{-0,582}$ | $\underbrace{-9.9}_{11.046}$ | 15 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{1888.236}$ | 190, 814 | 188.367 | ${ }^{186,297}$ | 185,154 | 185.071 | 186.686 | ${ }_{211}{ }^{51.532}$ | ${ }^{210,931}$ | 211.818 | 212.659 | ${ }^{210,837}$ | ${ }^{209.546}$ | 212,598 | ${ }_{\text {118, }}^{11,37}$ | ${ }^{120.780}$ | 120, 150 | ${ }^{120,569}$ | 120,1189 | 121, 482 | ${ }^{123,3006}$ |  |
| 167.582 | ${ }_{1}^{168,763}$ | ${ }_{\text {c }}^{166.674}$ | ${ }_{\text {l }}^{164.089}$ | ${ }_{1}^{163.053}$ | 162,171 | -1, 1 1,7808 | $\underset{\substack{183,768 \\ 1,122}}{\substack{\text { a }}}$ | $\xrightarrow{182,544}$ | $\xrightarrow{183,179}$ | 183, 1168 | 181,444 | 179,668 | $\underset{1}{182,467}$ | 103.068 |  | 103,960 |  |  |  |  | ${ }_{20} 19$ |
| ${ }_{10,24}^{129}$ | -1.396 | $\begin{array}{r}131 \\ 10.582 \\ \hline\end{array}$ | 10,765 |  | ${ }^{1152}$ | ${ }^{11251}$ | -619 | ${ }^{12357}$ | 123988 | ${ }^{512888}$ | ${ }^{12} 5188$ |  | -5488 | 424 | ${ }^{339} 9$ | ${ }^{373}$ | ${ }^{3667}$ | ${ }^{357}$ | ${ }^{332}$ | ${ }_{313}^{331}$ | 21 |
| 27,899 | ${ }^{2} 1,585$ |  | 20,319 | ${ }^{20.850}$ | ${ }_{24}^{11,565}$ | ${ }_{24}^{11.888}$ | cilitict |  |  |  | coin | ${ }^{126565}$ |  | , 72.45 | ${ }_{22,374}^{7,74}$ | ${ }^{7} 2.6097$ | ${ }_{\text {2, }}^{\text {2,046 }}$ | ${ }^{8,044}$ | ${ }^{8,20083}$ |  | ${ }_{23}^{22}$ |
| 19,122 | ${ }_{8,535}$ | cis.673 |  | ${ }_{8,375}^{17,45}$ | -1,9006 |  | ${ }_{\substack{43,700}}^{4}$ |  |  |  | cise.184 | ${ }_{\substack{43,238 \\ 4}}^{4.238}$ | ${ }_{\substack{43,466 \\ 13,238}}$ | cis, | cis.444. | cis ${ }_{8}^{13,162}$ | - |  | 12,999 | - | ${ }_{25}^{24}$ |
| , 9.0202 | 9,2e | ${ }_{\text {9,982 }}$ | ${ }^{8.950}$ | ${ }_{8}^{8.8280}$ | ${ }_{8}^{8,762}$ | ${ }_{8}^{8.875}$ | 10.935 | 边, 12.82 | cin 0.947 | 10.928 | coin 10.845 | ${ }^{10.833}$ | ${ }^{12,106}$ | 7,549 | (7.533 | 7,771 | ${ }_{7}^{7.646}$ | 7,509 | 7,397 | 7,4754 | ${ }^{26}$ |
| 4, 4.488 | 15,050 | ${ }_{15} 15.007$ | ${ }^{15} 51220$ | 15.514 | ${ }^{15,136}$ | ${ }_{15}{ }^{2} 2.246$ | [7,471 | ${ }^{17} 17.873$ | 17.685 | citirie | citife | ${ }^{17,955}$ | cisite |  | 11, 111 | \%o.905 | ${ }^{19,108}$ | 11,054 | 12, 172 | ${ }_{\substack{\text { a }}}^{\substack{1,28282}}$ | ${ }_{28}^{28}$ |
| ${ }_{\text {- }}^{69,213}$ | ${ }^{24,484}$ | ${ }_{\text {2 }}^{2285}$ | ${ }^{6} 6.8898$ | ${ }^{237,195}$ | 67,260 | ${ }_{\text {ckind }}$ |  | ${ }_{54,654}^{124}$ | ${ }_{5} 5.579$ | ${ }_{55,514}$ | ${ }^{55,502}$ | 56,467 | 57,2, | 33,431 | 33,211 | ${ }_{33,575}^{14,515}$ | ${ }_{3}^{1135828}$ | ${ }^{33,378}$ | ${ }_{34,038}^{11.954}$ | ${ }_{3}^{12,5}$ | ${ }_{30}^{29}$ |
| ${ }_{\substack{20,767 \\ 3,67}}^{20,700}$ | ${ }^{22,75}$ | cincire | ${ }_{\substack{22.178 \\ 3.826}}^{1 / 20}$ | ${ }_{\substack{2,8093 \\ 3,809}}^{22,09}$ |  |  |  | cis ${ }_{\substack{28364}}^{2,564}$ | cis.599 | ${ }_{\substack{29.699}}^{2,39}$ | ${ }_{\substack{29,593 \\ 3,565}}$ | ${ }_{\substack{\text { 3,627 }}}^{29,878}$ | coint |  | ${ }_{\text {2, }}^{\text {2, } 180}$ |  | ${ }_{\substack{\text { 2,180 }}}^{\substack{\text { a }}}$ | ${ }_{\text {ci,164 }}^{10.56}$ |  | $\underset{\substack{16,902 \\ 2,269}}{\substack{\text { che }}}$ | 32 |
| 16,584 | ${ }_{17,588}^{585}$ | -574 | 17,8429 | 17,907 | 18.239 | 188,265 | 24,153 | ${ }_{24,306}$ | ${ }_{2} 24.74$ | ${ }_{25}{ }^{4.304}$ | ${ }_{25} 2.349$ | ${ }_{25} 5.746$ | - 5 5927 | 13,045 | - 3.247 | ${ }_{13} 3175$ | (3,863 | 13,367 | ${ }_{14,121}^{421}$ | 14,203 | ${ }_{34} 3$ |


| Montana |  |  |  |  |  |  | Nebraska |  |  |  |  |  |  | Nevada |  |  |  |  |  |  | Line |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2000 | 2001 |  |  |  | 2002 |  | 2000 | 2001 |  |  |  | 2002 |  | 2000 | 2001 |  |  |  | 2002 |  |  |
| IV' | I | 11 ' | 111 ' | N | $1 /$ | 110 | N' | $1 /$ | $11{ }^{\text {r }}$ | $111 \%$ | IV: | $1{ }^{\prime}$ | 110 | IV' | $1{ }^{\prime}$ | H' | III' | N' | $1{ }^{1}$ | 110 |  |
| $\begin{gathered} 21,103 \\ 20,903 \\ 201 \end{gathered}$ | 21.386 21,147 239 | $\begin{array}{r}21,633 \\ 21,358 \\ 275 \\ \hline\end{array}$ | 21,947 21,566 361 | 21,726 21,628 98 | 22.035 21,840 195 | $\begin{aligned} & 22,218 \\ & 22,148 \\ & 69 \end{aligned}$ | 48,182 47.249 933 | 48,973 <br> 47,718 <br> 1,256 | 49,299 48,117 1,82 | 49,751 48,631 7,119 | 49,933 48883 1,101 | $\begin{array}{r}51,174 \\ 49.400 \\ 1,774 \\ \hline\end{array}$ | 51,922 <br> 50.161 <br> 1,761 | 61,367 61,284 83 83 | 62,313 62,217 96 | 63.059 62.967 92 | $\begin{aligned} & 63,712 \\ & 63,618 \\ & 94 \end{aligned}$ |  | $\begin{gathered} 64,38 \\ 64,180 \\ 648 \end{gathered}$ | $\begin{array}{r} 6,696 \\ 65,608 \\ 88 \end{array}$ | 1 2 3 |
| $\begin{array}{r} 13,590 \\ 878 \\ \hline \end{array}$ | $\begin{array}{r} 13,782 \\ \left.\begin{array}{r} 901 \\ \hline \end{array}\right) \end{array}$ | $\begin{array}{r} 14,043 \\ 921 \end{array}$ | $\begin{array}{r} 14,339 \\ 938 \\ \hline \end{array}$ | $\begin{array}{r} 14,108 \\ 944 \end{array}$ | $14,315$ | $\begin{array}{r} 14,365 \\ 974 \\ \hline \end{array}$ | $\begin{array}{r} 34,331 \\ 2,104 \\ -670 \end{array}$ |  | 35,106 | 35,454 | ${ }_{2}^{35.559}$ | ${ }_{\substack{36.568 \\ 2.268 \\ \hline 685}}$ | 37,042 | 45,217 2,410 | $\begin{array}{r}46,008 \\ \\ \\ 2,486 \\ \hline 8.850\end{array}$ | $\begin{array}{r}46,749 \\ 2.533 \\ \hline\end{array}$ | 47,311 |  | $\begin{array}{r}47,424 \\ 2,65 \\ \hline\end{array}$ |  | 4 5 |
| 12.715 | 12.883 | 13.123 | 13.402 | 13.164 | 13,351 | 13,391 | 31,557 | 32.016 | 32,259 | 32,565 | 32,656 | ${ }^{33,615}$ | 34,051 | 41,965 | 42,672 | 43,340 | 43.846 | 42,762 | 438,920 | -44,855 | 7 |
| 4.986 | 5,024 | 5.001 | 5,004 | ${ }^{3,986}$ | 4,997 | 5,071 |  |  |  |  |  | 10,722 |  |  |  | 13.259 | 13.216 | 13,095 | 13,127 | 13,424 | 8 |
| 3,403 <br> 1 | 3,479 | 3,509 | 3,542 <br>  <br> 88 | ${ }^{3,576}$ | $\begin{array}{r}3,686 \\ \hline 101 \\ \hline\end{array}$ | 3,755 <br> 129 | 5,991 58 | 6,234 64 6 | 6,365 | 6,493 | 6,600 104 | 6,837 123 | ${ }^{6.987}$ | 5,969 | 6,273 | 6.460 <br>  <br>  <br> 248 | 6,650 <br> 276 | 6,924 | 7,261 514 | 7.416 <br> 558 <br> 0.6 | 109 |
| 3,332 | 3,409 | 3,434 | 3,464 | 3,489 | 3.585 | ${ }^{3} .627$ | 5,933 | 6.170 | 6,287 | 6.406 | 6.496 | 6,715 | 6,810 | 5,753 | 6,051 | 0.213 | 6.374 | 6,492 | 6.747 | 6,858 | 11 |
| 10,136 | 10,244 | 10,424 | 10.582 | 10.610 | 10,664 | 10,774 | 26,766 | 26,929 | 27,218 | 27,552 | 27,613 | 27,811 | 28,154 | 35,920 | 36.585 | 37,175 | 37,652 | 36.678 | 37,593 | 38,337 | 12 |
| 2,082 | 2,146 | 2,1966 | 2,303 | 2,035 | 2,158 | 2,059 | 3,442 | 4,748 | 4,690 | 4,655 | 3,283 4,664 | ${ }_{5,385}$ | 5,427 | 5,059 | 4,302 | ${ }_{5,214}^{4,360}$ | $\stackrel{4,423}{5,236}$ | [5,109 | + ${ }_{5,295}^{4,535}$ | [4,495 |  |
| 49 | ${ }^{2} 89$ | 122 | 207 | -57 | 2, 3 | -92 | 587 | 891 | ${ }^{800}$ | ${ }^{723}$ | 696 | 1,357 | 1,329 | 24 | 5,37 |  | 34 | 40 | ${ }^{66}$ | 24 |  |
| 2,033 | 2,057 | 2,074 | 2,097 | 2,092 | 2,121 | 2,151 | 3,855 | 3,857 | 3,890 | 3,932 | 3.968 | 4,028 | 4,098 | 5,035 | 5,085 | 5.182 | 5,203 | 5.069 | 5,229 | 5,380 | 16 |
| ${ }_{13} 201$ | ${ }_{13,544}^{239}$ | ${ }_{13} 2768$ | 361 13.978 | 98 14.010 | ${ }_{14.120} 19$ | 69 14.296 | ${ }_{33,398}^{933}$ | ${ }_{33,570}^{1.256}$ | ${ }^{1.182}$ | ${ }^{1.119}$ | -1,101 | ${ }^{1.774}$ | 1.761 35.281 | 83 45.133 | 45.912 | 92 46.657 | 94 47.216 | 101 46.033 | 128 47.296 | 88 48.348 | 17 |
| 10,386 | 10,465 | 10,621 | 10,760 | 70,797 | 10,895 | 11,003 | 27,575 | 27,700 | 27:932 | 28,252 | 28,299 | 28,520 | 28,914 | 38,689 | 39,253 | 39,937 | 40,220 | - 39,115 | 40,061 | 40,922 | 19 |
| 145 | ${ }^{143}$ | ${ }^{152}$ | 159 | 156 | 180 | 174 | 246 | 247 | 253 | 255 | 111 | ${ }_{114}^{246}$ | 242 | 284 | 292 | 307 | 3324 | 325 | 3704 | 319 | ${ }_{21}^{20}$ |
| 334 998 | $\xrightarrow{1,071}$ | $\begin{array}{r}353 \\ 1,075 \\ \hline\end{array}$ | - ${ }_{1}^{1,11}$ | 1.101 1 | $\begin{array}{r}351 \\ 1.086 \\ \hline\end{array}$ | 346 1,092 | 101 2.123 | 102 2.139 | 2,192 | $\begin{array}{r}103 \\ 2.234 \\ \hline\end{array}$ | 111 2.239 | 114 2.297 | $\begin{array}{r}113 \\ 2.369 \\ \hline\end{array}$ | 711 4.553 | 715 4.597 | 699 4.699 | 680 4.840 | 685 4.653 | 704 4.726 | 682 4.847 | 21 22 |
| 970 | ${ }_{960}$ | 937 | 960 | ,957 | ${ }_{941}$ | -937 | 4,500 | 4.476 | 4,479 | 4,473 | 4,426 | 4,334 | 4,508 | 2,106 | 2.060 | 2.260 | 2,190 | 2,191 | 2,091 | 2,116 | 23 |
| $\begin{array}{r}626 \\ \hline 63 \\ \hline 34\end{array}$ | 620 341 | 597 390 | 618 342 | $\begin{array}{r}613 \\ 344 \\ \hline\end{array}$ | 593 <br> 548 | 604 333 | 2, 2.214 | 2 | 2,120 2 2 | 2,085 | ${ }_{2}^{2,026}$ | 2,026 | 2,087 | 1,397 | 1.337 | 1,535 | 1,457 | 1,466 | 1,382 | 1,385 | 24 25 |
| +343 | $\begin{array}{r}341 \\ +1,050 \\ \hline\end{array}$ | - 3 340 | $\begin{array}{r}342 \\ \\ 1.082 \\ \hline\end{array}$ | 344 1.099 | $\begin{array}{r}348 \\ \hline 1.084 \\ \hline\end{array}$ | $\begin{array}{r}1333 \\ \hline 1.106 \\ \hline\end{array}$ | 3,2,456 | 3,2,395 | 3, | 2, | 3,400 | 2, | 2,421 3,560 | 710 2.693 | 123 2.770 | $\begin{array}{r}725 \\ 3 \\ \hline\end{array}$ | 2733 | 2724 | 2710 | 2731 |  |
| ,657 | ${ }_{6} 657$ | , 659 | ,667 | ${ }_{6}^{1} 64$ | ${ }^{1} 666$ | , 661 | 2,265 | 2,170 | 2,166 | ${ }_{2,187}$ | 2,158 | 2,222 | 2,246 | 1,942 | 1,980 | 1.986 | 2,029 | 2,021 | 2,007 | 2,039 | 27 |
| 1,537 | 1,574 | 1,578 | 1.609 | 1,619 | 1.629 | 1.647 | 2,931 | 2,987 | 2,991 | 3.009 | 3,052 | 3 3,020 | 3,062 | 4.551 | 4.666 | ${ }^{4}, 706$ | 4,776 | 4.694 | 4,826 | 4.950 | 28 |
| $\begin{array}{r}836 \\ 3,827 \\ \hline\end{array}$ | $\begin{array}{r}846 \\ 3.800 \\ \hline 8\end{array}$ | 864 3.880 3 | 871 3,926 | - ${ }_{3}^{866}$ | 896 4,062 | $\begin{array}{r}\text { 4, } \\ 4.37 \\ \hline 13\end{array}$ | 2,727 9,223 | 2, 2,811 | 2,806 9,408 | 2,830 9,653 | 2,789 <br> 9,688 | 3,044 9,710 | 2,967 <br> 9,847 | $\begin{array}{r}3,896 \\ 17,952 \\ \hline\end{array}$ | $\begin{array}{r}3,979 \\ \hline 18.194\end{array}$ | 3,969 18,260 | $\begin{array}{r}4.065 \\ \hline 18.544 \\ \hline\end{array}$ | 3,926 17,904 | $\begin{array}{r}4,100 \\ 88.543 \\ \hline\end{array}$ | 4.224 18.954 | 29 30 |
| 3,003 | 3,079 | 3.146 | 3,218 | 3.213 | 3,225 | 3,292 | 5,823 | 5,870 | 5,993 | 6.083 | 6,160 | 6,274 | 6,367 | 6,444 | 6,659 | 6,720 | 6.996 | 6.918 | 7,235 | 7,427 | 31 |
| 793 <br> 252 | 797 262 | ${ }^{799}$ | ${ }_{225}^{825}$ | ${ }_{261}^{790}$ | ${ }^{811} 283$ | ${ }_{287}^{821}$ | 915 570 | $\begin{array}{r}937 \\ 599 \\ \hline\end{array}$ | ${ }_{589}^{947}$ | 940 580 | ${ }_{582}^{924}$ | 962 637 | 969 650 | 962 484 | 987 508 508 | $\begin{array}{r}1,005 \\ 505 \\ \hline\end{array}$ | 1,018 | 1,013 | $\begin{array}{r}1,036 \\ \hline 566 \\ \hline\end{array}$ | 1,059 | 32 |
| 1,958 | 2,020 | 2,090 | 2,138 | 2.161 | 2,131 | 2,184 | 4,338 | 4,334 | 4,457 | 4,563 | 4,654 | 4,674 | 4,749 | 4,998 | 5.164 | 5,211 | 5,474 | 5,393 | 5.633 | 5.780 | 34 |

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

| Line | Item | New Hampshire |  |  |  |  |  |  | New Jersey |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2000 | 2001 |  |  |  | 2002 |  | 2000 | 2001 |  |  |  | 2002 |  |
|  |  | N' | $1{ }^{1}$ | 11. | III' | IV | $1{ }^{\prime}$ | 118 | IV ${ }^{\text {r }}$ | r | $1{ }^{\prime}$ | III' | IV' | $1 /$ | 118 |
| Income by place of residence |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 2 | Personal income (lines 4-11) $\qquad$ <br> Nontarm personal income $\qquad$ | 42,728 42,688 | 43,020 42,985 | 42,993 42,958 | 42,966 42,929 | ${ }_{4}^{42,9295}$ | 43,238 43,196 | 43,835 43,796 | ${ }_{326,291}^{32653}$ | 325,495 | 325,753 325,517 | 327,663 <br> 327,418 | 327,982 <br> 327,740 | ${ }_{333,680}^{333,924}$ | ${ }_{3}^{338,485}$ |
| Derivation of personal income |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Earnings by place of work (lines 12-16 or 17-34), ....................... | 28,090 | 28,299 | 28.340 | 28,310 | 28.322 | 28,462 | 28.793 | 224,171 | 221,237 | 221,744 | 223,296 | 223,115 | 229.599 | 231,262 |
|  |  | 1,720 3 3 | - | 1.762 3.837 3 | 1,761 3,775 3 | 1,766 3 3 | 1,792 3 3 | 1,808 3 3 | 13,605 2095 20 | 13,587 2, 1643 | ${ }_{\text {1 }}^{13,644}$ | 13,774 <br> 20,684 | 13,794 20634 20, | 14,410 19038 | 14,478 19 19 |
|  |  | 30,272 | $\begin{array}{r}\text { a } \\ 30,954 \\ 30.454 \\ \hline\end{array}$ | 3,88 30.416 | 30,324 | 3,745 30,301 | $\begin{array}{r}3,72 \\ 30,412 \\ \hline\end{array}$ | 30,755 | 231,516 | - 21,648 | 229,03 | 230,206 | 220,955 | 234,227 | 236,078 |
|  |  | 8.209 | 8,180 | 8.114 | 8,087 | 8.016 | 8 8,037 | ${ }_{8} 8.211$ | 60.278 | 60,237 | 59,960 | -59,959 | -59,648 | 599,829 | ${ }_{60.938}$ |
|  | Plus: Transter payments .............................................. | 4.246 | 4,385 | 4,463 | 4,555 | 4.648 | 4,7899 | 4,868 | 34,759 | 35.965 | ${ }^{36,690}$ | 37,498 | 38,380 | ${ }_{39} 98.868$ | 41,469 |
|  | State unemployment insurance beneits ${ }_{\text {a }}$ Transfers excluding State unemployment insurance beneefitis | 4,22 4,224 | 4,355 | 4,44 4,419 | 4,486 4,486 | 113 4.535 | 132 4,657 | 158 4,710 | 1,125 33,634 | 1,204 34,761 | 1,371 35,319 | 1,608 35,889 | 2,063 36,317 | - 37,513 | 3,662 37,807 |
|  | Earnings by place of work |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Components of earnings: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Wathe and salary 0 disbursernents........... | ${ }_{2}^{22,303}$ | ${ }_{2}^{22,534}$ | ${ }_{2}^{2,340}$ | 22,354 | 22,885 | ${ }_{2} 2,416$ | 22,644 | 17.447 | 17,233 | 177400 | 179,662 | 778.805 | ${ }_{18,611}$ | 184,696 18,954 |
|  | Proprietors' income ${ }^{\text {s }}$.................................................. | 3,369 | 3,395 | 3,427 | 3,456 | 3,462 | 3,575 | 3,647 | 26,003 | 26,052 | 26,345 | 26,543 | 26,606 | 27,135 | 27,612 |
|  | Farm propietors' income........................................ |  | 3-5 | ${ }^{-6} 4$ | ${ }^{-6} 4$ | - -5 | -2 | -55 | , 77 | 48 | 4, 45 | 49 | 465 | 42 | 26 |
|  | Nonfarm proprietors' income. $\qquad$ | 3,368 | 3,400 | 3,433 | 3,462 | 3,467 | 3,577 | 3,652 | 25,925 | 26,004 | 26,301 | 26,494 | 26,561 | 27,092 | 27,586 |
|  | Farm earnings ....... | 40 | 35 |  |  |  |  | 39 | 262 | 236 | 23 | 245 | 243 |  | 232 |
|  | Nonfarm earnings... | 28,050 | 28,263 | 28,304 | 28.274 | 28.285 | 28.420 | 28.754 | 223,909 | 221,002 | 221.508 | 223,051 | 222.873 | 229,355 | 231,030 |
| 19 | Private earnings ...................................................... | 25.016 | 25.100 | 25.138 | 25.062 | 25.005 | 25,101 | 25,399 | 194,674 | 191,211 | 191.609 | 192,567 | 192,041 | 197,410 | 198,747 |
| 20 21 | Agricultural services, forestry, fishing, and other ${ }^{6}$.............. Mining . . | 190 25 | 190 26 | 198 <br> 26 | 203 26 | $\begin{array}{r}205 \\ 28 \\ \hline\end{array}$ | ${ }_{28}^{203}$ | 196 28 | 1,014 | 1.087 | $\begin{array}{r}1,085 \\ \hline 264 \\ \hline\end{array}$ | $\begin{array}{r}1,127 \\ \hline 270\end{array}$ | 1,144 | 1,201 | $\begin{array}{r}1,171 \\ \hline 09\end{array}$ |
| 22 | Construction......*) | 1,936 | 7,999 | 2,058 | 2,153 | 2,234 | 2,354 | 2,374 | 10,766 | 10,797 | 11,287 | 11,615 | 11.875 | 12,112 | 12,108 |
| 23 | Manuiacturing....................................................... | 5.681 | 5.676 | 5.444 | 5,966 | 5.120 | 4,977 | 5,064 | 35.549 | 31,479 | 31,085 | 30,955 | 29,826 | 30.440 | 30,145 |
| 24 | Ourable goods. | 4,235 | 4,245 | 4.080 | 3,851 | 3,835 | 3.654 | 3.731 | 11.091 | ${ }^{10.964}$ | 10.927 | 10,912 | 10.526 | 10,831 | 10.737 |
| 25 | Nondurable ooods.... | ${ }_{1}^{1,446}$ | 1,431 | 1, 1.364 | 1,344 | 1,285 <br> 1222 | 1,323 <br> 1251 |  | 24,458 | 20.515 18.941 | 20,159 | 20,042 | 19,300 | 19,609 | 19.407 |
| ${ }_{27} 26$ | Transporation and pubilic utilites | 2,114 | 2,104 | 1,233 | 2,131 | 2,041 | 2,090 | 2,097 | - | 18, $\begin{aligned} & 18,921 \\ & 19.021\end{aligned}$ | 19,683 18,799 | 19,804 18,531 | ${ }^{18,511}$ | 19,530 19,806 | 19,944 |
| 28 | Retail trade. | 3,181 | 3.329 | 3,337 | 3,367 | 3,384 | 3,458 | 3.513 | 17.321 | 17.744 | 17.645 | 17,890 | 17.958 | 18.354 | 18.594 |
| ${ }_{39}^{29}$ | Finance, insurance, and real estate.................................. | 2,190 | 2.134 | ${ }_{8}^{2.200}$ | ${ }_{8}^{2,219}$ | 2,197 | 2.206 | ${ }_{8}^{2,236}$ | 23,075 | 23,626 | 22,653 | 23,057 | ${ }^{23,936}$ | 25,308 | ${ }_{7}^{25,455}$ |
| 30 31 |  | 8,408 <br> 3,035 | 8,414 <br> 3,163 <br> 1 | 8,541 <br> 3,166 | 8,212 3,212 | 3,280 | ${ }_{3,39}$ | $\stackrel{8}{3,365}$ | ${ }^{29,235}$ | -68,791 | 29,899 29.89 | 30,484 | 30,831 | 31,945 | 32,283 |
| 32 |  | 497 | 538 | 531 | 544 | 532 | 553 | 550 | 4,384 | 4,528 | 4,531 | 4,4796 | 4,458 | 4,635 | 4,653 |
| 34 | State and local.......................................................... | 2,464 | 2,552 | 2,564 | 2,597 | 2,660 | 2,663 | 2,709 | 24,039 | 24,444 | 24,574 | 25,216 | 25,579 | 26,427 | 26,732 |


| Line | Item | North Dakota |  |  |  |  |  |  | Ohio |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2000 | 2001 |  |  |  | 2002 |  | 2000 | 2001 |  |  |  | 2002 |  |
|  |  | IV. | 1. | 11. | IIf | IV. | $1 \times$ | 11. | IV. | r | 1 F | III | IV. | 1. | 118 |
| Income by place of residence |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | Personal income (lines 4-11). | 76,125 | 16.318 | 16,370 | ${ }^{16,565}$ | 16,488 | 17.051 |  | 322.811 | ${ }^{325,760}$ | ${ }_{3}^{327.376}$ | 329,274 328565 | 328.568 | ${ }_{332} 33.514$ | ${ }_{3}^{335,314}$ |
| 3 | Nontarm persona income ................................................ | -15,642 | ${ }^{16,012}$ | $\begin{array}{r}16,046 \\ \hline 56\end{array}$ | 16,282 | ${ }^{16,274}$ | 16,501 | ${ }^{16.829} 168$ |  | ${ }^{325.006}$ | ${ }^{326,635}$ | ${ }^{328.556}$ | 327.847 722 | ${ }^{332.025}$ | 335,271 |
| Derivation of personal income |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Earnings by place of work (lines 12-16 or 17-34) ...................... | 11,179 | 11,294 | 11,367 | 11,587 | 11.483 | 11,992 | 11.880 | 227,633 | 229.425 | 230,538 | 231.827 | 230,652 | 233,189 | 233,918 <br> 13 <br> 1809 |
| 6 | Less: Personal contributions tor social insurance ${ }^{2}$...................... | -713 | 743 | 746 -377 | -370 | -768 | 794 | $\begin{array}{r}805 \\ -407 \\ \hline\end{array}$ | -12.561 | -12,829 | ${ }_{-1387}^{12.912}$ | -13,002 | 12.949 -1343 |  | -13,309 |
| 7 |  | 10,099 | 10,173 | 10,244 | 10,421 | 10.323 | 10,797 | 10.627 | 213,712 | 215.200 | 216.240 | 217.447 | 216,361 | 218.554 | 219,264 |
| 8 | Plus: Dividends, interest, and rent ${ }^{\text {a }}$..................................... | 3,438 | ${ }^{3.506}$ | 3.479 | 3,489 | 3.484 | 3.495 | 3,549 | 62.649 | 62,614 |  | 62,264 | 61,940 | ${ }^{62,050}$ |  |
| 9 | Plus: Transter payments.............................................. | 2,588 | 2,639 | 2,647 | 2,654 | 2,675 | 2,758 | 2,821 | 46,450 <br> 820 | 47,947 | 48.810 | 49,563 | 50.267 | 51.910 | 53,069 2 20408 |
| 11 | Transiers excludumg State unemploymentitinsurance benefits | 2,555 | 2,606 | 2,612 | 2,624 | 2.637 | 2.715 | 2,749 | 45,630 | 46,986 | 47,642 | 48,318 | 48,828 | 50,104 | 2,408 $\mathbf{5 0 , 6 6 0}$ |
|  | Earnings by place of work |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Components of earnings: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Wage and salary disbursements........................................... | 8.496 | 8.731 | 8,744 | 8.997 | 8.954 | 9,115 | 9,240 | 186,193 | 187.697 | 188.338 | ${ }^{189,156}$ | 187,788 | 189.592 | ${ }^{190,060}$ |
|  |  | 1,609 | 1,444 | 1,496 | 1,431 | 1,364 | 1,668 | 1,354 | 20.565 | 20,620 | 21,496 20,994 | 21,76 20,945 | 20,962 | 22,486 | 22,879 20,978 |
|  | Farm proprietors' income.... | , 343 | 158 | 200 | 121 | 42 | , 331 |  | 467 | 413 | 384 | 347 | 341 | 101 |  |
|  |  | 1,266 | 1,286 | 1,295 | 1,310 | 1,322 | 1,337 | 1,362 | 20,098 | 20,207 | 20,411 | 20,598 | 20,620 | 21,010 | 21,335 |
| Earnings by industry |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 484 | 306 | 356 | 282 | 207 | 501 | 168 | 792 | 755 | 741 | 718 | 722 | 489 | 43 |
|  |  | 10.695 | 10,987 | 11.011 | 11.305 | ${ }^{11,276}$ | 11,491 | 11.671 | 226.841 | ${ }^{228,670}$ |  | 231.109 | 229,931 |  |  |
|  | Nonfarm earnings. <br> Private eaminos | 8,372 98 | $\begin{array}{r}8,487 \\ 101 \\ \hline 18\end{array}$ | $\begin{array}{r}8,478 \\ \hline 99\end{array}$ | $\begin{array}{r}8,703 \\ \hline 102 \\ \hline\end{array}$ | (8.664 $\begin{array}{r}100 \\ \hline\end{array}$ | $\begin{array}{r}8,815 \\ \hline 106\end{array}$ | ${ }_{8}^{8,941} 103$ | 193.416 1.129 | $\begin{array}{r}195.158 \\ 1,160 \\ \hline\end{array}$ | 195,284 <br> 1.194 <br> 1 | $\begin{array}{r}195,874 \\ 1,207 \\ \hline 1\end{array}$ | $\begin{array}{r}193,905 \\ 1,193 \\ \hline\end{array}$ | $\underset{\substack{195,809 \\ 1,211}}{ }$ | $\underset{\substack{196,633 \\ 1,184}}{ }$ |
|  | Agricultural services, forestry, fishing, and other ${ }^{6}$ Mining | 209 | 219 | 227 | 223 | 227 | 204 | 201 | 942 | 891 | ${ }_{867}$ | ,909 | 927 | 865 | +844 |
|  |  | 693 | 732 | 721 | 733 | 768 | 738 | 756 | 12,880 | 13,224 | 13,238 | 13.414 | 13,274 | 13,657 | 13,588 |
|  |  | 896 | 907 | 904 | 938 | 910 | 912 | 954 | 53,506 | 52.564 | 52.290 | 52,019 | 50,822 | 50,267 | 50,188 |
|  |  | 586 310 | 594 | 591 | 608 308 | 596 | 601 310 | 631 | ${ }^{36,426}$ | - 35.623 | ${ }^{35,401}$ | ${ }^{34,983}$ | 33,980 | 33.152 <br> 17.115 | 32,913 |
|  | Nondurable goods............................................... | 310 | 313 | 313 | 330 | 314 | 310 | 323 | 17.079 | 16,940 | 16,889 | 17.036 | 16,841 | 17.115 | 17,275 |
| 26 27 | Transportation and public utilities.................................... | 917 | 931 | 944 | 964 | 972 | ${ }_{859} 96$ | ${ }_{954}^{978}$ | 12,778 15,117 | 13,152 14.872 | 12.964 14.891 | 12,840 14.789 | 12.725 | 13,035 | 13,219 14.789 |
| 27 28 | Wholesale trade. | 1,054 | $\begin{array}{r}839 \\ 1,086 \\ \hline 839\end{array}$ | $\begin{array}{r}\text { r } \\ \hline 1.078 \\ \hline 1848\end{array}$ | $\begin{array}{r}\text { 1,097 } \\ \hline 1050\end{array}$ | 1,105 | 1,121 | 1,128 | 21,540 | 21,768 | 14,88 21,823 | 21,900 | 14,46 <br> 21,834 | 22.815 | 14.789 22,189 |
| 29 | Finance, insurance, and real estate.. | 693 | 715 | 721 | 725 | 722 | 749 | 754 | 16,023 | 16,899 | 16,710 | 16,999 | 17,116 | 17,627 | 17,749 |
|  | Services. | 2,971 | 2,957 | 2,940 | 3,070 | 3,012 | 3,165 | 3,212 | 59.501 | ${ }^{60,628}$ | 61,306 | 61,797 | 61.539 | 62.421 | 62,883 |
| 31 32 | Government and government enterprises .......... | 2,323 | 2.500 | 2.532 | 2.602 | 2.612 | 2,676 | 2,730 | 33,425 | 33.512 | 34,513 | 35,234 5881 | ${ }^{56,526}$ |  |  |
| $\begin{aligned} & 32 \\ & 33 \\ & \hline \end{aligned}$ | Fediral civilan..................................................... | 446 | 464 | ${ }_{457} 52$ | 453 | ${ }_{458}$ | 542 | 515 | 5.550 | ${ }^{5} 969$ | 5,642 | 934 | 5,573 1,030 | 1,152 | 1,177 |
|  |  | 1,398 | 1,519 | 1,553 | 1,620 | 1.629 | 1,630 | 1,656 | 26,956 | 26,866 | 27,897 | 28,619 | 29,423 | 29,983 | 30,275 |

See footnotes at the end of table.
and Earnings by Industry, ${ }^{12000: I V-2002: I I-C o n t i n u e d ~}$
adjusted at annual rates]


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

| Line | Item | Rhode Island |  |  |  |  |  |  | South Carolina |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2000 | 2001 |  |  |  | 2002 |  | 2000 | 2001 |  |  |  | 2002 |  |
|  |  | $\mathrm{V}^{\prime}$ | $1{ }^{1}$ | $11{ }^{1}$ | III' | IV' | $1{ }^{1}$ | 110 | IV' | I | $11{ }^{\prime}$ | III ${ }^{\text {r }}$ | N' | ' ${ }^{\prime}$ | $11{ }^{\circ}$ |
| Income by place of residence |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Personal income (lines 4-11). | 31,305 | 31,868 | 31,865 | 32,200 | 32,049 | 32,946 | 33,548 | 99,384 | 100,888 | 100,766 | 101,537 | 101,249 | 102,694 | 104,239 |
| 2 | Nonfarm personal income | 31,289 | 31,853 | 31,850 | 32,185 | 32,033 | 32,932 | 33,535 | 98,933 | 100,313 | 100, 185 | 100,982 | 100,704 | 102,133 | 103,836 |
|  | Farm income (line 17) .......................................................... |  | 15 | 15 |  |  |  |  |  | 575 | 582 | 556 | 544 | 561 | 402 |
| Derivation of personal income |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Earnings by place of work (lines 12-16 or 17-34) ....................... | 20,174 | 20,590 | 20,478 | 20,739 | 20,474 | 21,292 | 21,644 | 68,398 | 69,415 | 69,031 | 69,563 | 69.051 | 69,750 | 70.506 |
| 5 | Less: Personal contributions for social insurance ${ }^{2}$........................ | 1,358 | 1,407 | 1.401 | 1.423 | 1.405 | 1,484 | 1,507 | 4,088 | 4,203 | 4,185 | 4,230 | 4,208 | 4,301 | 4.348 |
| 7 | Plus: Adjustment for residence ${ }^{3}$............................................ | 1,321 | 1,289 | 1,265 | 1,214 | 1,213 | 1.145 | 1,141 | 1,265 | 1,254 | 1,260 | 1,234 | 1,225 | 1,259 | 1,272 |
| 7 | Equals: Net earnings by place of residence................................... | 20.137 | 20,473 | 20,342 | 20.531 | 20,281 | 20.953 | 21,278 | 65,575 | 66,466 | 66.107 | 66,568 | ${ }^{66,069}$ | 66,708 | 67,430 |
| 8 | Plus: Dividends, interest, and rent ${ }^{4}$........................................... | 6,052 5 | 6.043 | 6,021 | 6,026 | 5,995 | 6,012 | 6,126 | 18,828 | 18.757 | 18.614 | 18,583 | 18,461 | 18.537 | 18,941 |
| 9 | Plus: Transfer payments ........................................................... | 5.116 | 5,352 | 5,502 | 5,643 | 5,772 | 5,981 | 6.144 | 14,981 | 15,666 | 16,045 | 16,387 | 16,719 | 17,450 | 17,868 |
| 10 | State unemployment instrance benefits........................ | 139 | 149 | 170 | 185 | 222 | 247 | 531 | . 239 | 284 | . 370 | 405 | 504 | 616 | 765 |
| 11 | Transfers excluding State unemployment insurance benefits Earnings by place of work | 4,976 | 5,203 | 5,332 | 5.459 | 5,550 | 5,734 | 5,814 | 14,742 | 15,382 | 15,676 | 15,981 | 16,215 | 16,834 | 17,103 |
| Components of earnings: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 | Wage and salary disbursements............................................................ | 16,293 | 16,656 | 16.526 | 16,730 | 16,469 | 17,128 | 17,393 | 55,238 | 56,020 | 55,575 | 56,005 | 55,518 | 55,893 | 56.489 |
| 13 | Other labor income.... | 1,943 | 1,985 | 1,985 | 2,024 | 2,001 | 2,108 | 2,161 | 6,829 | 6,934 | 6,935 | 7,028 | 7,059 | 7,276 | 7.477 |
| 14 | Proprietors' income ${ }^{5}$ | 1,937 | 1,949 | 1,967 | 1,985 | 2,003 | 2,056 | 2,091 | 6,322 | 6,461 | 6,521 | 6,530 | 6,474 | 6,582 | 6,540 |
| 15 16 | Farm proprietors' income. $\qquad$ Nontarm proprietors' income. $\qquad$ |  | $\begin{array}{r}1 \\ \hline 1,948\end{array}$ | 1,966 | 1,985 | 2,002 | 2,057 | 2,092 | 325 6,007 | 432 6,029 | 427 6,093 | 392 6,138 | 375 6.100 | 387 6.195 | 223 6,317 |
| Earnings by industry |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 | Farmearnings.. | 16 | 15 | 15 | 15 | 15 | 14 | 13 | 451 | 575 | 582 | 556 | 544 | 561 | 402 |
| 18 | Nonfarm eamings........................................................... | 20,158 | 20,576 | 20,463 | 20,724 | 20,458 | 21,278 |  | 67,948 | 68,839 | 68,449 | 69,008 | 68,507 | 69,189 | 70,104 |
| 19 | Private earnings ................................................. | 16,504 | 16,890 | 16.732 | 16,888 | 16,771 | 17,451 | 17,757 | 54,099 | 54,904 | 54,442 | 54,824 | 54,309 | 54,509 | 55,175 |
| 20 | Agricultural services, forestry, fishing, and other ${ }^{6}$.............. | 137 | 137 | 144 | 149 | 148 | 154 | 150 | 458 | 466 | 470 | 501 | 473 | 469 | 458 |
| 21 | Mining .............................................................................. | 113 | 13 | 114 | 15 | 15 1175 | 15 | 15 1295 | 80 4895 | $\begin{array}{r}81 \\ \hline 892\end{array}$ | 74 4916 | 74 | 75 | 74 | 71 |
| 22 | Construction................................................................ | 1,123 | 1,116 | 1,131 | 1,142 | 1,175 | 1,275 | 1,295 | 4,895 | 4,892 | 4,916 | 4,944 | 4,802 | 4,774 | 4,815 |
| 23 24 | Manufacturing........................................................ | 3,097 3 | 3,076 2 | 3,019 | 3,055 2,099 | 2,977 | 2,944 | 2,975 1,990 | 13,936 6,574 | 13,813 604 | 13,629 6,484 | 13,534 6,430 | 13,391 6 6 | 13,255 6,394 | 13,356 6,495 |
| 24 25 | Durabte goods ..................................................................................................... | $\begin{array}{r}2,144 \\ \hline 103\end{array}$ | 2,105 $\mathbf{9 7 0}$ | $\begin{array}{r}2,056 \\ \hline 964 \\ \hline\end{array}$ | $\begin{array}{r}2,099 \\ \hline 956 \\ \hline 109\end{array}$ | 2,004 973 | 1,971 | 1,990 | 6,574 7,362 | 6,604 7,209 | 6,484 7,146 | 6,430 7,104 | 6,344 <br> 7,047 | 6,394 6,861 | 6,495 6,861 |
| 26 | Transportation and public utilities................................................................. | 1,088 | 1,094 | 1,101 | 1,067 | 1,062 | 1,069 | 1,075 | 4,506 | 4,570 | 4.540 | 4.645 | 4,631 | 4,560 | 4,628 |
| 27 | Wholesale trade ....................................................... | 1,060 | 1,007 | 972 | 990 | 978 | 1,003 | 998 | 3,535 | 3.447 | 3.421 | 3.411 | 3,320 | 3.508 | 3,523 |
| 28 | Retail trade .............................................................. | 2.015 | 2,030 | 2,002 | 1.997 | 1,993 | 2,070 | 2,104 | 7,081 | 7,211 | 7,099 | 7,250 | 7,187 | 7,144 | 7,243 |
| 29 | Finance, insurance, and real estate .................................. | 1,703 | 1,815 | 1,748 | 1,827 | 1,793 | 1,951 | 1,958 | 4,150 | 4,362 | 4,335 | 4.338 | 4,366 | 4,531 | 4,581 |
| 30 | Services................................................................ | 6,268 | 6,603 | 6,602 | 6,646 | 6,630 | 6,971 | 7,186 | 15,457 | 16,062 | 15.957 | 16,127 | 16,064 | 16,195 | 16,501 |
| 31 | Government and government enterprises............................ | 3,655 | 3,685 | 3,731 | 3,836 | 3,687 | 3,827 | 3,874 | 13,849 | 13,936 | 14,008 | 14.184 | 14,198 | 14,680 | 14,929 |
| 32 | Federal, civilian......................................................... | 731 | 749 | 755 | 756 | 746 | 777 | 779 | 1,713 | 1,728 | 1,745 | 1.738 | 1.730 | 1,775 | 1,802 |
| 33 | Military .................................................................. | 362 | 383 | 376 | 374 | 370 | 397 | 384 | 2,070 | 2,136 | 2,101 | 2,076 | 2,093 | 2,290 | 2,389 |
| 34 | State and local ...................................................................... | 2,562 | 2,554 | 2,600 | 2,707 | 2,571 | 2,653 | 2,711 | 10,066 | 10,072 | 10,162 | 10,370 | 10,374 | 10,616 | 10,739 |


| Line | Item | Utah |  |  |  |  |  |  | Vermont |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2000 | 2001 |  |  |  | 2002 |  | 2000 | 2001 |  |  |  | 2002 |  |
|  |  | IV' | $1{ }^{1}$ | 11 ' | III ${ }^{\text {r }}$ | IV' | 11 | 118 | $\mathrm{V}^{r}$ | ' | 11 ' | III ${ }^{\text {r }}$ | IV ${ }^{\text {r }}$ | 1 | 110 |
|  | Income by place of residence |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Personal income (lines 4-11). | 53,593 | 54,280 | 54,918 | 55,070 | 55,267 | 55,955 | 56.162 | 17,094 | 17,378 | 17,500 | 17,583 | 17,662 | 17,866 | 18,121 |
|  | Nonfarm personal income.................................................................................................. | 53,391 | 53,978 | 54,611 | 54,778 | 54,979 | 55,616 | 55,945 | 16.926 | 17,243 | 17,366 | 17,449 | 17,532 | 17,763 | 18,039 |
|  | Farm income (line 17) ............................................................ | 202 | 302 | 307 | 292 | 288 | ${ }_{3}{ }^{3} 9$ | ${ }^{217}$ | 168 | +135 | ${ }^{134}$ | 134 | 131 | +104 | 83 |
|  | Derivation of personal income |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7891011 | Earnings by place of work (lines 12-16 or 17-34) ......................... | 41,250 | 41,761 | 42,343 | 42,350 | 42,463 | 42,905 | 42,738 | 11,723 | 11,922 | 12,013 | 12,050 | 12,084 | 12,200 | 12,336 |
|  | Less: Personal contributions for social insurance ${ }^{2}$............................... | 2.316 | 2,370 | 2,411 | 2,413 | 2,429 | 2,483 | 2,471 | +729 | 754 | 761 | 764 | 768 | 787 | 796 |
|  | Plus: Adjustment for residence ${ }^{3}$.............................................. | 25 | 27 | 295 | 2998 | 24 | 27 | 32 | 128 | 127 | 123 | 119 | 119 | 110 | 110 |
|  | Equals: Net earnings by place of residence................................... | 38,958 | 39,418 | 39,957 | 39,966 | 40,058 | 40,449 | 40,299 | 11,122 | 11,296 | 11,375 | 11,405 | 11,435 | 11,523 | 11,650 |
|  | Plus: Dividends, interest, and rent ${ }^{4}$........................................... | 9,189 | 9,200 | 9,180 | 9,207 | 9,167 | 9,197 | 9.393 | 3.589 | 3,605 | 3,606 | 3,617 | 3,610 | 3,623 | 3,684 |
|  | Plus: Transter payments ................................................... | 5.446 | 5,662 | 5,781 | 5,897 | 6.043 | 6,308 | 6.470 | 2,383 | 2,477 | 2.519 | 2.561 | 2,617 | 2,721 | 2,787 |
|  | State unemployment insurance benefits......................... | 119 5,327 | 131 5,531 | 157 5,624 | 1776 5,721 | 248 5,795 | 315 5,993 | 6,391 6,079 | 2,337 | 52 2,425 | 58 2,461 | 60 2,500 | 8,86 2,531 | 98 2.623 | 124 2,663 |
|  | Earnings by place of work |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Components of earnings: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 | Wage and satary distursements.......................................... | 33.098 4 | 33,434 4 4 | 33,911 | 33,857 4,234 | 33,968 4 4 | 34,199 4 4 | 34,032 4,460 | 9,160 | 9,350 | 9,414 | 9,424 | 9,441 | 9,536 | 9,635 |
| 14 | Proprietors' income ${ }^{\text {s }}$......................................................................................... | 4,103 | 4,212 | 4,260 | 4,259 | 4,211 | 4,298 | 4,246 | 1,509 | 1,495 | 1,511 | 1.529 | 1,531 | 1,526 | 1.538 |
| 15 | Farm proprietors' income............................................................................. | , 94 | 194 | 198 | 182 | 177 | +226 | 101 | 111 | . 77 | . 75 | 73 | . 70 | , 42 | +19 |
|  | Nonfarm proprietors' income............................................. | 4,009 | 4,018 | 4,062 | 4,078 | 4,034 | 4,072 | 4,144 | 1.398 | 1,418 | 1,435 | 1,456 | 1,461 | 1,485 | 1,519 |
|  | Earnings by industry |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 | Farm earnings ................................................................. | 202 | 302 | 307 | 292 | 288 | 339 | 217 | 168 | 135 | 134 | 134 | 131 | 104 | 83 |
| 18 | Nonfarm earnings............................................................. | 41,048 | 41,459 | 42,035 | 42.058 | 42,175 | 42.566 | 42,520 | 11,556 | 11.787 | 11.879 | 11,917 | 11,953 | 12,096 | 12,253 |
| 19 | Private earnings ..................................................... | 33,490 | 33,722 | 34,260 | 33,971 | 34,072 | 34,143 | 34,006 | 9,712 | 9,896 | 9,951 | 9,973 | 9,952 | 10,078 | 10,223 |
| 20 | Agricultural services, forestry, fishing, and other ${ }^{6}$.............. | 186 | 200 | 204 | 204 | 204 | 197 | 191 | 96 | 100 | 105 | 108 | 108 | 110 | 107 |
| 21 | Mining .................................................................. | 464 | 467 | 474 | 494 | 480 | 454 | 445 | 27 | 30 | 27 | 28 | 29 | 31 | 31 |
| 22 | Construction............................................................................................ | 3,118 | 3,159 | 3,230 | 3,286 | 3,233 | 3,060 | 3,025 | 833 | 846 | 858 | 885 | 888 | 892 | 922 |
| 23 | Manufacturing........................................................ | 5,289 | 5,295 | 5,270 | 5,209 | 5,277 | 5,038 | 5,041 | 2,312 | 2,347 | 2,283 | 2,256 | 2,225 | 2.186 | 2,202 |
| 24 | Durable goods..................................................... | 3,732 | 3.700 | 3.690 | 3.610 | 3,581 | 3.409 | 3,422 | 1,744 | 1,771 | 1,742 | 1,717 | 1,674 | 1,631 | 1,638 |
| 25 | Nondurable goods ................................................. | 1,557 | 1,594 | t,580 | 1,600 | 1,697 | 1,628 | 1,619 | 568 | 576 | 541 | 538 | 552 | 556 | 564 |
| 26 | Transportation and public utilities................................... | 2,992 | 3,097 | 3.025 | 3.025 | 3.107 | 3.323 | 3,167 | 601 | 612 | 613 | 622 | 621 | 644 | 651 |
| 27 | Wholesale trade........................................................ | 2.320 | 2,332 | 2,332 | 2,323 | 2,308 | 2,320 | 2,323 | 545 | 559 | 575 | 566 | 576 | 599 | 601 |
| 28 | Retail trade ............................................................... | 3,984 | 4,107 | 4,101 | 4,080 | 4,060 | 4,205 | 4,222 | 1,173 | 1,205 | 1,212 | 1,227 | 1,238 | 1,246 | 1,268 |
| 29 | Finance, insurance, and real estate................................... | 3,250 | 3,330 | 3,378 | 3,357 | 3,354 | 3,336 | 3,358 | 644 | 6817 | 681 | . 6896 | 697 | 695 | 703 |
| 30 | Services............................................................... | 11,886 | 11,736 | 12,245 | 11,993 | 12,049 | 12,211 | 12,234 | 3,484 | 3,517 | 3,596 | 3,596 | 3,570 | 3,676 | 3,739 |
| 31 | Government and government enterprises ............................ | 7,557 | 7,738 | 7,776 | 8,087 | 8,103 | 8,423 | 8,515 | 1,844 | 1,892 | 1,928 | 1,944 | 2,000 | 2,018 | 2,029 |
| 32 | Federal, civilian ........................................................... | 1,988 | 2,047 | 2,082 | 2,100 | 2,044 | 2,048 | 2,040 | 340 | 351 | 357 | 364 | 352 | 349 | 356 |
| 33 34 | Military .................................................................. | 434 | 451 | 445 | 439 | 482 | 552 | 567 | 70 | 69 | 68 | 68 | 83 | 95 | 95 |
| 34 | State and local....................................................................... | 5,135 | 5,240 | 5,249 | 5.547 | 5,577 | 5,822 | 5,907 | t.434 | 1,471 | 1,502 | 1,511 | 1,565 | 1,573 | 1,578 |

[^17]and Earnings by Industry, ${ }^{12000: I V-2002: I I-C o n t i n u e d ~}$
adjusted at annual rates]

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{7}{|c|}{South Dakota} \& \multicolumn{7}{|c|}{Tennessee} \& \multicolumn{7}{|c|}{Texas} \& \multirow{3}{*}{Line} \\
\hline 2000 \& \multicolumn{4}{|c|}{2001} \& \multicolumn{2}{|c|}{2002} \& 2000 \& \multicolumn{4}{|c|}{2001} \& \multicolumn{2}{|c|}{2002} \& 2000 \& \multicolumn{4}{|c|}{2001} \& \multicolumn{2}{|c|}{2002} \& \\
\hline IV \& 1 \& 11. \& III \& IV' \& 1 \& 118 \& N. \& \(1 \cdot\) \& \(11 \cdot\) \& \(111 \%\) \& IV' \& \(1 /\) \& 118 \& IV \& \(1{ }^{\prime}\) \& 11. \& III' \& N' \& 1 \& 11. \& \\
\hline \[
\begin{gathered}
19,738 \\
18,730 \\
1,008
\end{gathered}
\] \& 19,899
19,044
856
8 \& 20,093
19,255
837 \& \(\xrightarrow{20,326} 19\) \& 20,378
19,539
839 \& 20,749
19.769
9880 \& 21.130
20.219
911 \& \[
\begin{aligned}
\& 152,544 \\
\& 152,221 \\
\& \hline 323
\end{aligned}
\] \& \[
\begin{aligned}
\& 154,051 \\
\& 154,761 \\
\& \hline 900
\end{aligned}
\] \& \[
\begin{array}{r}
154,840 \\
154,555 \\
285
\end{array}
\] \& \[
\begin{array}{r}
155,587 \\
155,307 \\
1585
\end{array}
\] \& \[
\begin{aligned}
\& 155,165 \\
\& 154,85 \\
\& \hline 308
\end{aligned}
\] \& \[
\begin{aligned}
\& 158,609 \\
\& 158,696 \\
\& -67
\end{aligned}
\] \& \[
\begin{array}{r}
159,901 \\
160,332 \\
-432
\end{array}
\] \& \[
\begin{gathered}
60,126 \\
597,78 \\
2,378
\end{gathered}
\] \& 609,499
606645
2,697 \& \[
\begin{gathered}
607,435 \\
604,752 \\
2,710
\end{gathered}
\] \& 610,014
607
2,727
287 \& 611,359
608.597
2,762 \& 615,445
612,422
2,522 \& 623,852
621,398
2,455 \& 1
2
3 \\
\hline \[
\begin{array}{r}
13,499 \\
834 \\
-232
\end{array}
\] \& \(\begin{array}{r}13,505 \\ 886 \\ -213 \\ \hline 18\end{array}\) \& \begin{tabular}{r}
13.699 \\
\hline 85 \\
-216
\end{tabular} \& \begin{tabular}{r}
13.893 \\
\hline 89 \\
-219
\end{tabular} \& \(\begin{array}{r}13,910 \\ \hline 895 \\ -217 \\ \hline\end{array}\) \& \begin{tabular}{r}
14,192 \\
\hline 986 \\
-221
\end{tabular} \& \begin{tabular}{r}
14,475 \\
\hline 941 \\
-231
\end{tabular} \& \begin{tabular}{r}
111,493 \\
6 \\
\hline 6.61 \\
\(-1,145\) \\
\end{tabular} \& 112,242
6
\(-1,768\)
1,105
1 \& 112.831
6.83
-1.109 \& 113.291 \& \(\begin{array}{r}112,688 \\ 6.885 \\ -1,105 \\ \hline\end{array}\) \& 115,359
7,132
\(-1,168\) \& 115,496
7.114
\(-1,148\)
1 \& \(\begin{array}{r}467.377 \\ 25.820 \\ -1,097 \\ \hline\end{array}\) \& \(\begin{array}{r}475,424 \\ 26.697 \\ -1,122 \\ \hline\end{array}\) \& \(\begin{array}{r}474,185 \\ 26.666 \\ -1,100 \\ \hline\end{array}\) \& \begin{tabular}{l}
474,718 \\
\hline 26.680 \\
\(-1,082\) \\
\hline
\end{tabular} \& \begin{tabular}{l} 
475,523 \\
\hline 26.728 \\
-1.083 \\
\hline
\end{tabular} \& \(\begin{array}{r}476.345 \\ 27 \\ \hline 1.0046 \\ \hline 1.046\end{array}\) \& \(\begin{array}{r}481.665 \\ 27.271 \\ -1.049 \\ \hline\end{array}\) \& 4
5
6 \\
\hline 12,433 \& 12,436 \& 12.608 \& 12,782 \& 12,798 \& 13,055 \& 13,304 \& 103,718 \& 104,369 \& 104,899 \& 105,306 \& 104,731 \& 107,059 \& 107,208 \& 440,454 \& 447,623 \& 446,428 \& 446,957 \& 447,687 \& 448,239 \& 453,344 \& 7 \\
\hline 4.624 \& \& 4.682 \& 4,704 \& 4.705 \& 4,731 \& 4.818 \& 24,919 \& 24,888 \& 24.762 \& 24,747 \& 24.544 \& 24,566 \& 25,069 \& 93,599 \& 92,942 \& 90,987 \& 91,549 \& 90,733 \& 90,979 \& 92,802 \& 8 \\
\hline 2,680
18 \& \(\begin{array}{r}2,763 \\ \hline 19\end{array}\) \& 2,802 \& 2,840 \& 2,875 \& 2,963

32 \& 3.009
41 \& 23,907 \& 24,794 \& 25.179

568 \& ${ }^{25,534} 5$ \& | 25,890 |
| :--- |
| 69 | \& 26,983 \& $\underset{\substack{27.624 \\ 7 \\ 7 \\ \hline \\ \hline \\ \hline}}{ }$ \& 66,073

1,049 \& 68,583
1,119 \& 70,020
1,391 \& 71,509
1,679 \& 72,939
2,199 \& 76,227
3,179 \& 77,707
3,654 \& 9 10 <br>
\hline 2,663 \& 2,745 \& 2,781 \& 2,819 \& 2,849 \& 2,931 \& 2.967 \& 23,478 \& 24,312 \& 24,611 \& 24,947 \& 25,221 \& 26,146 \& 26,548 \& 65,024 \& 67,464 \& 68,629 \& 69,830 \& 70,740 \& 73,048 \& 74,053 \& 11 <br>
\hline 9,730 \& 9,847 \& 10,016 \& 10,173 \& 10.161 \& 10,252 \& 10,523 \& 85,873 \& 86,408 \& 86,750 \& 87.021 \& ${ }^{86,391}$ \& 88.652 \& 88.752 \& 349,553 \& 356,492 \& 355,116 \& 354,522 \& 354,364 \& 353,025 \& 355,723 \& 12 <br>

\hline ${ }^{1,233}$ \& 1,265 \& 1,293 \& ${ }^{1}, 335$ \& 1.341 \& 1,376 \& | 1,427 |
| :--- |
|  | \& 9,691 \& 9,770 \& ${ }^{9} 9.888$ \& $\begin{array}{r}9,988 \\ \hline 1628\end{array}$ \& 10,037 \& 10,486 \& 10.654 \& ${ }_{79} 38.476$ \& 79,952 \& ${ }_{79} 39.719$ \& 39,578 \& ${ }^{40,016}$ \& 40,746 \& 41,678 \& 13 <br>

\hline ${ }_{881}$ \& ${ }^{2} 722$ \& ${ }_{6} 698$ \& 2,395 \& ${ }^{2}, 691$ \& ${ }^{2.568}$ \& ${ }^{2} .753$ \& ${ }_{181}$ \& ${ }^{16,064}$ \& ${ }^{118}$ \& ${ }^{16.108}$ \& ${ }_{124} 12$ \& -255 \& ${ }^{-624}$ \& 19,543 \& 19.880
1.834 \& 1,798 \& 80.619
17.73 \& ${ }^{81.780}$ \& 82,573 \& 84, 1,431 \& <br>
\hline 1,655 \& 1,671 \& 1,692 \& 1,709 \& 1,716 \& 1,736 \& 1,772 \& 15,748 \& 15,930 \& 16,075 \& 16,174 \& 16,128 \& 16,476 \& 16,714 \& 77,770 \& 77,746 \& 77,921 \& 78,846 \& 79,363 \& 81,051 \& 82,832 \& 16 <br>
\hline 7.008
12.491 \& 856
12.649 \& ${ }_{12} 8.862$ \& 831
13.062 \& [83,071 \& 980
13.212 \& 911
13.564 \& 111, ${ }^{323}$ \& 111,952 \& 112.546 \& ${ }_{113,006}^{285}$ \& 112,372 ${ }^{308}$ \& ${ }_{115,426}^{-67}$ \& 115,928 \& - $\begin{array}{r}2,378 \\ 464,994\end{array}$ \& 472,728 ${ }^{2,697}$ \& 471,475 \& [ $\begin{array}{r}27,727 \\ 47,91\end{array}$ \& - $\begin{array}{r}2762 \\ 4762\end{array}$ \& ${ }_{473,823}^{2.522}$ \& 2,455
479,210 \& 17
18 <br>
\hline 10,141 \& 10,148 \& 10,286 \& 10,405 \& 10,373 \& 10,509 \& 10,815 \& 95,942 \& 96,623 \& 96,909 \& 97,142 \& 96.539 \& 98,979 \& 99,253 \& 399,212 \& 405.964 \& 403,756 \& 403,070 \& 403,027 \& 401.513 \& 405,739 \& 19 <br>
\hline ${ }^{111}$ \& 113 \& 114 \& 115 \& 116
5 \& 116 \& 115 \& 562 \& 578 \& ${ }^{6} 602$ \& ${ }_{619} 6$ \& 610 \& ${ }_{6}^{619}$ \& 603 \& 2,669 \& 2.770 \& 2.876 \& 2.886 \& 2,870 \& 2.903 \& 2,830 \& 20 <br>
\hline -796 \& $\begin{array}{r}54 \\ 805 \\ \hline\end{array}$ \& 56
833 \& $\begin{array}{r}54 \\ 852 \\ \hline\end{array}$ \& 865 \& $\begin{array}{r}50 \\ 858 \\ \hline\end{array}$ \& $\begin{array}{r}59 \\ 895 \\ \hline\end{array}$ \& 7,171 \& $\begin{array}{r}\text { 7,364 } \\ \hline\end{array}$ \& 268
7.309 \& 7.297 \& 282
7.206 \& 7.408 \& 7.263 \& 21,634
30.740 \& 21,900 \& 21,474
31.888 \& 21,483
32,017 \& 32, 31.645 \& 22,018
31970 \& 21,844
32.302 \& 22 <br>
\hline 1,770 \& 1,727 \& 1,671 \& 1,670 \& 1,646 \& 1,582 \& ${ }_{1,669}$ \& 20,817 \& 20,564 \& 20,392 \& 20,250 \& 19,968 \& 20,214 \& 20,066 \& 60,387 \& 60,855 \& 59,734 \& 58,989 \& 58,948 \& 56,545 \& 56,365 \& 23 <br>
\hline 1,250 \& 1,182 \& 1,155 \& 1.140 \& 1,094 \& 1.091 \& 1,163 \& 12,487 \& 12.182 \& 12,156 \& 11,922 \& ${ }^{11,793}$ \& ${ }^{11} 1.965$ \& ${ }^{11,823}$ \& 37,832 \& 37,931 \& 37.145 \& ${ }^{36,235}$ \& ${ }^{36.109}$ \& ${ }^{33,923}$ \& ${ }^{33,306}$ \& 24 <br>

\hline ${ }_{833}$ \& ${ }_{843}$ \& 852 \& ${ }_{867}$ \& ${ }_{890}^{552}$ \& 889 \& 906 \& 8,687 \& 8,648 \& | 8,236 |
| :--- |
| 8,736 |
| 103 | \& 8, 8,692 \& 8, 8 8,686 \& 8, 8.249 \& 8,243

8,978 \& ${ }_{45,330}^{22,555}$ \& 22,924 \& 22,589
44,301 \& - 42,7738 \& 22,838 \& - 22,623 \& 23,059
44,169 \& ${ }_{26}^{25}$ <br>
\hline 786 \& 839 \& ${ }_{834}$ \& 863 \& \& 854 \& 859 \& 7.019 \& 6.944 \& 6.857 \& 6,803 \& 6.746 \& 7,066 \& 7,080 \& 32.781 \& 32.960 \& 33.160 \& 31,968 \& 31,198 \& 31,287 \& 31,493 \& 27 <br>

\hline ${ }_{1}^{1,356}$ \& ${ }_{5}^{1,373}$ \& 1,373 \& 1,395 \& 1.409 \& 1,421 \& | 1,439 |
| :--- |
| 1142 | \& ${ }^{11.524}$ \& 11.618 \& ${ }^{11,639}$ \& 11,758 \& ${ }^{11,696}$ \& 11,753

8
8 \& 11,827
8873 \& 41,404
37.226 \& ${ }_{38}^{42,262}$ \& 42,187
38.362 \& 43,091
3853 \& 43,164 \& 43,463
38 \& 34,100 \& ${ }_{29}^{28}$ <br>
\hline 3,419 \& 3,320 \& 3,453 \& 3.472 \& 3.439 \& ${ }^{3,611}$ \& 3.738 \& 31.776 \& 32,385 \& 32,715 \& 33,254 \& ${ }^{33,138}$ \& 34,090 \& 34,465 \& 127.041 \& 128,862 \& 129.774 \& 130,361 \& 130.030 \& 130,963 \& 133,018 \& 30 <br>

\hline 2,350 \& 2.502 \& 2.576 \& 2,657 \& 2,697 \& 2.703 \& 2,749 \& $\underset{\substack{15,229 \\ 3 \\ \hline \\ \hline \\ \hline}}{ }$ \& $\underset{\substack{15.330 \\ 3.48 \\ \hline}}{ }$ \& ${ }^{15,637}$ \& 15.864 \& 15,833 \& | 16,448 |
| :---: |
| 3 | \& 16,675 \& -65.781 \& - 66.764 \& ${ }_{11} 67.719$ \& ${ }_{111597}^{68.922}$ \& \& 72.310 \& $\begin{array}{r}73,471 \\ \hline 12129\end{array}$ \& 31

32 <br>
\hline 618
240 \& 634
250 \& ${ }^{644}$ \& 244 \& \& \& \& \& \& 3.535
491 \& 3.533 \& $\begin{array}{r}3,473 \\ 5 \\ \hline\end{array}$ \& 3,679 \& $\begin{array}{r}3,718 \\ \hline 656\end{array}$ \& - 11.382 \& ${ }^{11,572} 7$ \& 11,545
6,963 \& 11,597
6.909 \& 11,436
7
7 \& 11.977
7,591 \& + \& <br>
\hline 1,491 \& 1,618 \& 1,687 \& 1,762 \& 1,795 \& 1,732 \& 1,766 \& 11,255 \& 11,337 \& 11,611 \& 11,850 \& 11,789 \& 12,117 \& 12,301 \& 47,673 \& 48,149 \& 49,210 \& 50,416 \& 51,255 \& 52,742 \& 53,619 \& 34 <br>
\hline
\end{tabular}

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{7}{|c|}{Virginia} \& \multicolumn{7}{|c|}{Washington} \& \multicolumn{7}{|c|}{West Virginia} \& \multirow{3}{*}{Line} \\
\hline 2000 \& \multicolumn{4}{|c|}{2001} \& \multicolumn{2}{|r|}{2002} \& 2000 \& \multicolumn{4}{|c|}{2001} \& \multicolumn{2}{|r|}{2002} \& 2000 \& \multicolumn{4}{|c|}{2001} \& \multicolumn{2}{|c|}{2002} \& \\
\hline IV \& 1 \& il' \& III. \& IV' \& \(1 \cdot\) \& 118 \& IV. \& \(1{ }^{\prime}\) \& 11. \& II' \& N' \& \(1 \cdot\) \& 118 \& IV. \& 1 \& 11 \& III \& IV \& 1. \& 11. \& \\
\hline \[
\begin{gathered}
228,549 \\
228,046 \\
503
\end{gathered}
\] \& \[
\begin{array}{|}
230,703 \\
230,251 \\
452
\end{array}
\] \& \[
\begin{array}{|}
234,189 \\
233,736 \\
453
\end{array}
\] \& \[
\begin{array}{|}
233,312 \\
232,861 \\
451
\end{array}
\] \& \[
\begin{gathered}
234,224 \\
233,770 \\
454
\end{gathered}
\] \& \[
\begin{gathered}
234,826 \\
234,510 \\
317
\end{gathered}
\] \& \[
\begin{array}{|}
238,499 \\
238,193 \\
306
\end{array}
\] \& \[
\begin{gathered}
188,422 \\
187,162 \\
18259 \\
\hline
\end{gathered}
\] \& \[
\begin{gathered}
189,797 \\
18878 \\
1,080
\end{gathered}
\] \& \[
\begin{gathered}
194,386 \\
193,294 \\
1,093
\end{gathered}
\] \& \[
\left\lvert\, \begin{gathered}
192,225 \\
191,099 \\
1,126
\end{gathered}\right.
\] \& \[
\begin{gathered}
190,644 \\
189,506 \\
1,139
\end{gathered}
\] \& \[
\begin{gathered}
195,993 \\
194,965 \\
1,628
\end{gathered}
\] \& \[
\left|\begin{array}{c}
197,446 \\
195587 \\
7,559
\end{array}\right|
\] \& 40,206
40,999
7 \& 40,771
40,761
10 \& 41,096
41,085
11 \& \(\begin{array}{r}41,403 \\ 41,391 \\ \hline 12\end{array}\) \& 41,651
41,638
13 \& 42,300
42,305
-5 \& 42,678
42,711
-33 \& \(\stackrel{1}{2}\) \\
\hline \(\begin{array}{r}165,985 \\ 9.882 \\ 8,982 \\ \\ \hline\end{array}\) \& \begin{tabular}{c}
167.423 \\
10.028 \\
9.072 \\
\hline
\end{tabular} \& 170,778
10
10.25
9
9 \& \begin{tabular}{c}
169,123 \\
10,190 \\
9,118 \\
\hline
\end{tabular} \& 169,674 \& 168,945 \& \(\begin{array}{r}171,060 \\ 10,42 \\ 9,552 \\ \hline 1\end{array}\) \& 135,470
8
8.172

2,426 \& 136,040 \& 140.502
8
8.655
2 \& $\begin{array}{r}137,384 \\ 8 \\ 8,457 \\ 2,387 \\ \hline\end{array}$ \& $\begin{array}{r}135,257 \\ 8 \\ 8,333 \\ 2,392 \\ \\ \hline\end{array}$ \& $\begin{array}{r}139,112 \\ 8.658 \\ 2.377 \\ \hline\end{array}$ \& 139,176 \& $\begin{array}{r}24,935 \\ 1.589 \\ \hline 102 \\ \hline 18\end{array}$ \& $\begin{array}{r}25,288 \\ \begin{array}{r}1,633 \\ 393\end{array} \\ \hline 193\end{array}$ \& 25,518
1,656
403
40 \& $\begin{array}{r}25,733 \\ \text { 1,674 } \\ \text { 382 } \\ \\ \hline 182\end{array}$ \& $\begin{array}{r}\text { 25,945 } \\ \text { 1,961 } \\ \text { 372 } \\ \hline\end{array}$ \& $\begin{array}{r}26.362 \\ \text { 1,743 } \\ \text { 352 } \\ \\ \hline 15\end{array}$ \&  \& 4
5
6 <br>
\hline 165,146 \& 166,466 \& 169,555 \& 168,050 \& 168,541 \& 168,084 \& 170,191 \& 129,724 \& 130,151 \& 134,192 \& 131,315 \& 129,317 \& 132,831 \& 132,967 \& 23.749 \& 24,048 \& 24,265 \& 24,441 \& 24,625 \& 24,971 \& 25,062 \& 7 <br>
\hline 42.111 \& 41,974 \& ${ }_{41}{ }^{4}, 7989$ \& 41, 664 \& 41,605 \& ${ }^{41,723}$ \& 42.636 \& 36,457 \& 36,447 \& 36,263 \& 36.300 \& 36,107 \& 36,230 \& 36,993 \& 7,292 \& 7.296 \& 7,276 \& ${ }^{7} 7.280$ \& 7,243 \& 7 7,254 \& 77.372 \& 8 <br>

\hline 21,1892 \& ${ }^{22,204}$ \& ${ }_{269}^{22,83}$ \& 23,398 \& 24,078 \& 25,019 \& ${ }_{\text {25,673 }}^{1,054}$ \& 22,241 \& | 23,199 |
| :---: |
| 1,037 |
| 1 | \& 23,931 \& 24,610 \& 25,221 \& 26,632 \& 27,486

2,826 \& 9,1166 \& 9,427 \& 9,535 \& 9,682 \& 9,783 \& $\begin{array}{r}10,075 \\ \hline 197\end{array}$ \& 10,244

259 \& 9
10 <br>
\hline 21,111 \& 22.058 \& 22,568 \& 23,077 \& 23,457 \& 24,265 \& 24,619 \& 21,238 \& 22,162 \& 22,647 \& 23,135 \& 23,495 \& 24,307 \& 24,660 \& 9,051 \& 9,301 \& 9,418 \& 9,539 \& 9,632 \& 9,878 \& 9,985 \& 17 <br>
\hline 135,35 \& 136,347 \& 139,355 \& 137,658 \& 138,002 \& 136,711 \& 138.150 \& 109,333 \& 109,916 \& 113,902 \& 110.807 \& 108.798 \& 111.327 \& 111.064 \& 19.596 \& 19.871 \& 20,068 \& 20,229 \& 20,359 \& 20.672 \& 20,702 \& 12 <br>
\hline \& 18,480 \& 18,79 \& 18,731 \& 18,876 \& ${ }^{19,350}$ \& 19,843 \& 11,783 \& \& \& 12,200 \& \& 12,729 \& \& \& 2.715 \& 2,750 \& \& 2,831 \& 2.923 \& \& 13 <br>

\hline ${ }^{12,462}$ \& ${ }^{12} 265$ \& ${ }_{1}^{12.643}$ \& $\begin{array}{r}12,735 \\ 241 \\ \hline 12\end{array}$ \& ${ }^{12} 237$ \& 12,884 \& 13,066 \& 14,353 \& ${ }^{14,178}$ \& | 14,276 |
| :---: |
| 1427 | \& 14,377 \& | 14,260 |
| :---: |
| 3 | \& ${ }^{15,056}$ \& $\begin{array}{r}15,194 \\ \hline 146\end{array}$ \& 2,649 \& ${ }_{2}^{2,702}$ \& - \& - \& $\xrightarrow{2} \mathbf{- 7 5 5}$ \& ${ }^{2,767}$ \& ${ }_{2}^{2,762}$ \& <br>

\hline 12,127 \& 12,331 \& 12,390 \& 12,494 \& 12,559 \& 12,789 \& 12.987 \& 14,105 \& 14,149 \& 14,271 \& 14,367 \& 14,256 \& 14,595 \& 14,848 \& 2.664 \& 2.716 \& 2,714 \& 2,737 \& 2,769 \& 2,800 \& 2,830 \& 16 <br>
\hline ${ }^{503}$ \& ${ }_{166} 452$ \& ${ }^{453}$ \& ${ }^{451}$ \& ${ }^{4} 464$ \& ${ }^{317}$ \& ${ }^{3} 706$ \& ${ }^{1.259}$ \& 1,080
134960 \& ${ }_{1}^{1,093}$ \& 17,126 \& 1341199 \& ${ }^{11,628}$ \& - 1.55 \& \& 10
25278 \& 11
2507 \& ${ }^{12}$ \& 13
25931 \& ${ }_{2636}^{-5}$ \& -33 \& 17 <br>
\hline 127,294 \& 127,936 \& 131,037 \& 129,290 \& 129,754 \& 127,735 \& 129,325 \& 110,684 \& 110,788 \& 114,622 \& 111,110 \& 108,389 \& 111,140 \& 110,795 \& 19,428 \& 19,760 \& ${ }^{29,929}$ \& 20,082 \& 20,179 \& 20.459 \& 20,528 \& 19 <br>
\hline 917 \& 933 \& ${ }_{872} 96$ \& 999 \& ${ }_{997}^{986}$ \& 1,009 \& 982 \& 1,484 \& 1,510 \& 1,503 \& 1,600 \& ${ }^{1,561}$ \& 1,599 \& 1.550 \& 116 \& 112 \& 118 \& 122 \& 121 \& 124 \& 121 \& 20 <br>
\hline 877
10.108 \& 897
10.446 \& 10.445 \& 10.671 \& ${ }^{10.670}$ \& 10,867 \& 10.857 \& ${ }_{9} 9266$ \& 9,183 \& 9.064 \& 9,094 \& 267

8.815 \& 9,080 \& 9,123 \& \begin{tabular}{l}
1,399 <br>
1,441 <br>
\hline

 \& $\begin{array}{r}1,467 \\ 1,564 \\ \hline\end{array}$ \& 

1,518 <br>
1,536 <br>
\hline

 \& 

1,553 <br>
1,585 <br>
\hline

 \& $\begin{array}{r}1,591 \\ 1,646 \\ \hline\end{array}$ \& 

1,618 <br>
1,620 <br>
\hline
\end{tabular} \& 1,535 \& 21 <br>

\hline 16,625 \& 17.095 \& 16,824 \& 16,829 \& 17,044 \& 16,620 \& 16,974 \& 19,271 \& 19,619 \& 18,671 \& 18,721 \& ${ }_{18,261}$ \& 19,691 \& 18,543 \& 3,481 \& 3,427 \& 3,490 \& 3,495 \& 3,397 \& 1,387 \& 3,451 \& 23 <br>
\hline 8.864 \& 9,201 \& 9,072 \& 9.074 \& 9,389 \& 8,934 \& 9,068 \& 14,359 \& 14,802 \& 13,799 \& 13,833 \& 13.467 \& 14,436 \& 13,565 \& 1,897 \& 1,876 \& 1,908 \& 1,896 \& 1,855 \& 3,872 \& 1.892 \& 24 <br>
\hline -11,762 \& 11,150 \& 11,445 \& 11,272 \& 10,888 \& 10,972 \& ${ }^{71,1605}$ \& -4.912 \& 4.8.818 \& 4,871
9.620 \& 4,888
9,372 \& 4,794
9,151 \& 5,255
9,371 \& 4,978

9 \& | 1.584 |
| :--- |
| 1,826 | \& 1,551

1,890 \& | 1,582 |
| :--- |
| 1.840 | \& 1,599

1,820 \& \begin{tabular}{l}
1,542 <br>
1,844 <br>
\hline

 \& 

1,515 <br>
1,850 <br>
\hline
\end{tabular} \& 1,559

1,874 \& 25
26 <br>
\hline 8.850 \& 8.234 \& 8,569 \& 8.227 \& 8.113 \& 8.032 \& ${ }_{8,073}$ \& ${ }_{8,146}$ \& 7.795 \& 7,837 \& 7.685 \& 7,615 \& 7,850 \& 7,886 \& 1,155 \& 1,155 \& 1,170 \& 1,173 \& 1,181 \& 1,201 \& 1,197 \& 27 <br>
\hline 13.217 \& 13,343 \& 13,384 \& ${ }^{13,618}$ \& ${ }^{13,662}$ \& 13.797 \& 13,936 \& 12,895 \& 12,870 \& 12.690 \& 12.763 \& 12.599 \& 12,674 \& 12,770 \& 2,326 \& 2,397 \& 2,342 \& 2,378 \& 2,384 \& 2,449 \& 2.452 \& 28 <br>
\hline 12,315
53,012 \& 53, 120 \& \& 12,784
53,995 \& $\stackrel{12,589}{12,864}$ \& 13,107
52,405 \&  \& r $\begin{array}{r}8,976 \\ 40,926\end{array}$ \& 9,341
40,913 \& 45,447 \& -9,489 \& 9,480
40,640 \& 9,583
41,048 \& $\begin{array}{r}9,689 \\ 41,608 \\ \hline\end{array}$ \& 1,099
6,584 \& 1,100
6,647 \& 1,106
6,811 \& 1,092
6,867 \& 1,081
6,935 \& 1,136

7,073 \& | 1,140 |
| :--- |
| 7 |
| 174 | \& 29

30 <br>

\hline 38,188 \& 39,035 \& 39,288 \& 39,382 \& 39,466 \& 40.893 \& 41,429 \& 23.526 \& 24.172 \& 24.787 \& 25,149 \& 25.730 \& 26,344 \& 26.822 \& 5.501 \& 5.517 \& | 6,578 |
| :--- | \& 5,639 \& 5,752 \& 5,908 \& 5.944 \& 31 <br>

\hline $\begin{array}{r}11,660 \\ 8806 \\ \hline 8.2\end{array}$ \& 12,027
9 \& 12,079 ${ }_{9}$ \& ${ }^{11,957}$ \& ${ }_{8}^{11,751}$ \& 12,282
9.491 \& 12,439 \& $\xrightarrow{4,326}$ \& 4,445
3

3 \& 4, \begin{tabular}{l}
4,145 <br>
\hline

 \& 

4,587 <br>
3 <br>
\hline 1.139

 \& 

4,610 <br>
3 <br>
\hline
\end{tabular} \& 4,767

3 \& ${ }_{3,524}^{4.865}$ \& 1,345 \& $\begin{array}{r}1,381 \\ 168 \\ \hline\end{array}$ \& +1,400 \& 1,408 \& $\begin{array}{r}1,401 \\ \hline, 208 \\ \hline\end{array}$ \& $\begin{array}{r}1,459 \\ \hline 241\end{array}$ \& $\begin{array}{r}1,473 \\ \hline 248 \\ \hline\end{array}$ \& 32 <br>
\hline 17,723 \& 17,802 \& 18,172 \& 18,449 \& 18,842 \& 19,119 \& 19,298 \& 16,165 \& 16,569 \& 17,129 \& 17.423 \& 17,944 \& 18,158 \& 18,433 \& 3,986 \& 3,968 \& 4,013 \& 4,068 \& 4,143 \& 4,208 \& 4,224 \& 34 <br>
\hline
\end{tabular}

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


| Line | Item | Plains |  |  |  |  |  |  | Southeast |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2000 | 2001 |  |  |  | 2002 |  | 2000 | 2001 |  |  |  | 2002 |  |
|  |  | N' | $1 \cdot$ | 11. | III. | IV. | $1{ }^{\prime}$ | 11. | IV. | I | II | III. | IV | I' | $11 p$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 556,687 | 563,250 | 565,003 | 568,855 | 568,720 | 578,468 | 583,397 | 1,877,505 | 1,900,422 | 1,973,861 | 1,922,486 | 1,925,425 | 1,953,978 | 1,978,356 |
|  |  | 549,984 | 557,055 | 559,142 | 563,389 | 563,463 | 572,131 | 579,868 | 1.866, 1122 | 1,888,224 | 1,901,665 | 1,910,455 | 1,913,043 | 1,942.653 | 1,970.454 |
|  |  |  | 6.194 | 5,861 | 5.466 | 5,257 |  | 3.529 | 11,383 | 12.198 | 12.196 | 12,031 |  |  |  |
| Derivation of personal income |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Earnings by place of work (lines 12-16 or 17-34), Less: Personal contributions for social insurance ${ }^{2}$ <br> Less: Personal contributions for Plus: Adjustment for residence ${ }^{3}$ <br> Equals: Net earnings by place of residence <br> Plus: Dividends, interest, and rent <br> Pius: Transter payments <br> Trate unemployment insurance benefits <br> Transfers excluding State unemployment insurance beneitits <br> Earnings by place of work |  | 397420 | 401.751 | 402,957 | 405,783 | 404,912 | 412.214 | 413,457 | 1,296,485 | 1,310,719 | 1,320.788 | 1,323,766 | 1,323,183 | 1,340,731 | 1,351,744 |
|  |  | ${ }_{-4,545}^{24,396}$ | ${ }_{-4,567}^{25,038}$ | 25,192 -457 | 25,461 | - 25.474 | ${ }_{-4,697}^{26,213}$ | -26,418 | 77,515 | 79,410 10110 |  | 80,632 <br> 10.075 | 80,742 10.059 | 82,927 10,320 |  |
|  |  | 368,480 | 372,147 | 373,193 | 375,715 | 374,835 | 381,305 | 382,320 | 1,229,014 | 1,241,420 | 1,250,621 | 1,253,210 | 1,252,499 | 1,268,123 | 1,278,509 |
|  |  | 116,565 | 116.859 | 116.079 | 116.022 | 115.560 | 115.981 | 117,933 | 378.675 | 378.348 | 376.648 | 377,104 | 375,368 | 376,708 | 384,044 |
|  |  | 71,642 | 74,244 | ${ }^{75,730}$ | 77.119 | ${ }_{7}^{78,325}$ | 81,183 | 83,143 3 3 | 269,816 3 | 280,654 | 286,592 | 292,172 | 297,558 | 309.147 <br> 8 <br> 8 | 315.803 |
|  |  | 70,332 | 72,826 | 73,999 | 75,214 | 76,138 | 78,531 | 79,572 | 266,042 | 276,461 | 281,467 | 286,605 | 290,481 | 300, 172 | 304,390 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 1,033,404 | 1.044,342 | 1,052,049 | 1,053.466 | 1.051 .325 | 1.063,238 | 1,072,347 |
|  | Other labor income....... | 35,997 | 36,574 | 36,894 | 37,411 | 37,723 | 38,907 | 39,747 | 126,696 | 128,333 | 1129,817 | 130,512 | 131,705 | 135,911 | 138,979 |
|  | Proprietors' income ${ }^{\text {s }}$ | 44,232 | 44.028 | 44.071 | 43,916 | 43,654 | 45,436 | 43.369 | 136.385 | 138,044 | 138,921 | 139,788 | 140,154 | 141.581 | 140,417 |
|  | Farm proprietors' inco | 4.635 39,598 | 49,050 39,978 | 3,635 40,436 | 3,176 40,740 | 2,923 40.732 | 31,944 | 1.053 | +8,369 | \% 8.824 | 8.593 | 8,237 | ${ }^{8,460}$ | 7.316 | 3,771 |
| Earnings by industry |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & 17 \\ & 18 \\ & 19 \end{aligned}$ | Farm earnings $\qquad$ Nontarm earnings | 6.703 | 6,194 | 5.861 | 5.466 | 5.257 | 6,337 | 3.529 | 11.383 | 12,198 | 12,196 | 12,031 | 12,382 | 11,325 | 7.902 |
|  |  | 390,717 | 395,557 | 397,096 | 400.317 | 399,675 | 405,877 | 409,928 | 1,285, 102 | 1,298,521 | 1,308,592 | 1,311,735 | 1,310,801 | 1,329,406 | 1,343,842 |
| 19 20 | Private eamings ....................ivicu........................... | 329,839 2,47 | 333,297 2,556 | 333,746 2,596 | 335,980 2,659 | $\begin{array}{r}334,783 \\ 2,636 \\ \hline\end{array}$ | 339.548 2,723 | ${ }^{342,942}$ | $\xrightarrow{1,053,285}$ | $\begin{array}{r}1,064,050 \\ 9,590 \\ \hline\end{array}$ | $\xrightarrow{1,069,157} 9$ | 1,072,063 | $1,067,689$ <br> 9,936 | 1,080,050 | 1,092,059 |
| 212222 |  | 1,723 | 1,723 | 1,714 | t,705 | 1,705 | 1,689 | 1.716 | 9,508 | 10,022 | 10,086 | 10,270 | 10.469 | 10,345 | 10,206 |
|  |  | 22.061 | 25.892 | 26,260 | 26,602 | 26,778 | 26.889 | 27,281 | 82,583 | 84,111 | 84,506 | 85.796 | 85,254 | 86,462 | ${ }^{86,872}$ |
| ${ }_{23}^{22}$ | Manutacturing.....Durable | 67,717 | 67.008 | 66.661 | 66.838 | 65,720 | 65.889 | 66.738 | 186.535 | 185,961 | 183,975 | 181,962 | 179.937 | 180,091 | 181,225 |
| 23 |  | ${ }^{40,633}$ | ${ }^{40,192}$ | 39,942 | 39,951 | ${ }^{38,815}$ | ${ }^{38,782}$ | ${ }^{39,198}$ | 102,218 | 101,939 | 101,185 | 99,332 | 98,616 | ${ }^{98,463}$ | 98,848 |
| $26$ | Transportation and pubis | 30,673 | 26,866 | 360933 | 36, | ${ }_{31,011}^{26,906}$ | 27,767 | 31,641 | 89,317 9594 | 84,023 96.515 | 82,7905 | - 82.630 | 81,321 96.634 | 81,688 96.670 |  |
| 27 <br> 27 <br> 8 | Wholesale trade. | 27,714 | 27.528 | 27.638 | 27.578 | 27,235 | 27,839 | 27,971 | 80,313 | 79.014 | 79,106 | 78,757 | 77,580 | 79,733 | 80,206 |
| 282829 | Retail traie .. | 35,970 | ${ }^{37,038}$ | 36.744 | 37,288 | 37,385 | 37,720 | 38.050 | 124,712 | 127327 | ${ }^{126,888}$ | 128,796 | 128.659 | 129,637 | ${ }^{131,305}$ |
|  | Finance, insurance, and | 32,837 | -34.586 | 34,121 | - 34,188 | 34,413 | 35,394 | 35.576 | 94,962 | 97,642 | 97,738 | 98,393 | 97,739 | 101,792 | 102,867 |
| $\begin{aligned} & 29 \\ & 30 \\ & 30 \end{aligned}$ | Services | 105,668 | 106,111 | 107,079 | 108.062 | 107,900 | 109,639 | 111.313 | ${ }^{369,407}$ | 373,867 | 380,531 | 381,103 | 381,481 | 385,367 | 391,662 |
| $\left.\begin{aligned} & 30 \\ & 31 \\ & 21 \end{aligned} \right\rvert\,$ | Government and government enterprises. | 60,879 10.410 | 62,260 <br> 10 <br> 1 | 63,350 10,73 | 64,337 10.761 | -64,872 | - 66.329 | 66,986 | 231,817 45,764 | 234,471 47.111 | 239,476 |  | 243,112 | 249,356 | 251,82 49423 |
| 32 <br> 33 <br> 34 | Military, ....... | 4.014 | 4.114 | 4,058 | 4,035 | 4.215 | 4.632 | 4.728 | 30,756 | 32,163 | 31,770 | 31,544 | 31.835 | 34,418 | 35,015 |
|  | State and local... | 46,454 | 47,394 | 48,519 | 49,541 | 49,978 | 50,579 | 51,040 | 155,297 | 155,198 | 160,207 | 160,746 | 164,317 | 166,031 | 167,344 |
| - Preliminary. |  |  |  |  |  | of adju |  |  |  |  |  | resid | mmu |  | ea |
| -Revised.-Not shown to avoid disclosure of confidential intormation, but the estim |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. The estimates of earnings for 2000-2002 are based on the 1987 Standard Industrial Classification. <br> 2. Personal contributions for social insurance are included in earnings by type and by industry, but they are excluded |  |  |  |  |  |  | ors in | incudes | the inventor | aluation | justment an | the capita | nsumption | adiustme |  |
|  |  |  |  |  |  | reion | onsis | e wage | d salary | urseme | of U.S. res | dents emplo | yed by inters | ational orga | ations and |
| onal income.adjustment for residence is the net intlow of the earnings of intera |  |  |  |  |  |  |  | 俍 | , |  |  |  |  |  |  |

and Earnings by Industry, ${ }^{1} 2000:$ IV-2002:II-Continued
adjusted at annual rates]


| Southwest |  |  |  |  |  |  | Rocky Mountain |  |  |  |  |  |  | Far West |  |  |  |  |  |  | Line |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2000 | 2001 |  |  |  | 2002 |  | 2000 | 2001 |  |  |  | 2002 |  | 2000 | 2001 |  |  |  | 2002 |  |  |
| IV' | l | $11 /$ | III ${ }^{\text {r }}$ | IV ${ }^{\text {r }}$ | $1 r$ | 110 | IV' | 11 | $1{ }^{\prime}$ | $111{ }^{\text {r }}$ | $\mathrm{V}^{\prime}$ | $1{ }^{1}$ | 110 | IV ${ }^{\text {' }}$ | 15 | $11{ }^{\text {r }}$ | III' | IV' | $1 /$ | 110 |  |
| 859,502 | 872,148 | 873,026 | 878,644 | 879,806 | 888,385 | 899,802 | 268,028 | 270,446 | 271,647 | 272,192 | 271,659 | 274,418 | 277,603 | 1,523,649 | 1,535,960 | 1,538,552 | 1,535,698 | 1,533,591 | 1,557,535 | 1,578,089 | 1 |
| 855,495 | 867,333 | 868,251 | 873,876 | 874,873 | 882,903 | 895,512 | 266.237 | 268,064 | 269,272 | 269,760 | 269.458 | 271,274 | 275,471 | 1,514,140 | 1,527,728 | 1,530,021 | 1,527,031 | 1,524,898 | 1,546,108 | 1,568,289 | 2 |
| 4,007 | 4,815 | 4,775 | 4,768 | 4,933 | 5,483 | 4,290 | 1,791 | 2,382 | 2,375 | 2,431 | 2,201 | 3,144 | 2,132 | 9.509 | 8,232 | 8,530 | 8,666 | 8,694 | 11,427 | 9,800 | 3 |
| 649,389 | 659,569 | 660,211 | 662.859 | 662.767 | 666,470 | 673,176 | 201,386 | 202,960 | 203,917 | 203,827 | 202,909 | 204,427 | 205,918 | 1,123,012 | 1,730,694 | 1,130,008 | 1.121,199 | 1,116,329 | 1,131,228 | 1,140,618 | 4 |
| 36,620 | 37,731 | 37,861 | 38,055 | 38,084 | 38,662 | 39,001 | 11,212 | 11,404 | 11,490 | 11,492 | 11,473 | 11,632 | 11,741 | 64,745 | 66.143 | 66,158 | 65,619 | 65,483 | 66,992 | 67,499 | 5 |
| 386 | 382 |  | 403 | 394 | 435 | 449 | 551 | 581 | 591 | 585 | 573 | 594 | 597 | -1,452 | -1,490 | -1,482 | -1,442 | -1,412 | -1,450 | -1,469 | 6 |
| 613,155 | 622,220 | 622,743 | 625,206 | 625,078 | 628,243 | 634,624 | 190.725 | 192,137 | 193,018 | 192,920 | 192,009 | 193,389 | 194,774 | 1,056,816 | 1;063,061 | 1,062,368 | 1,054,138 | 1,049,434 | 1,062,786 | 1,071,650 | 7 |
| 143,689 | 143,013 | 140,906 | 141,562 | 140,543 | 140,967 | 143,766 | 50,669 | 50.727 | 50,499 | 50,551 | 50,334 | 50,531 | 51,541 | -295,287 | 293,693 | 291, 832 | 292,151 | 290,398 | 291,671 | 298,612 | 8 |
| 102,657 | 106,915 | 109,377 | 111.876 | 114,185 | 119,175 | 121,412 | 26,634 | 27,582 | 28.131 | 28,721 | 29,317 | 30,498 | 31,288 | 171,546 | 179,205 | 184,351 | 189,409 | 193,760 | 203.078 | 207.827 | 9 |
| 1,432 $+01,225$ | 1,550 105,364 | 1,909 107,467 | 2,277 109,599 | 2,997 111,188 | 4,249 114,925 | 4,859 16,553 | 26,149 | 516 27,066 | 640 27,491 | 788 27,932 | 1,046 28,270 | 1,334 29,164 | 1,735 29,552 | 4,239 167,308 | 4,496 174,709 | 5,443 178,908 | 6,361 183,048 | 7,716 186,044 | 10,972 192,106 | 13,081 194,746 | 110 |
| 101,225 | 105,364 | 107,467 | 109,599 | 111,188 | 114,925 | 116,553 | 26,149 | 27,066 | 27,491 | 27,932 | 28,270 | 29,164 | 29,552 | 167,308 | 174,709 | 178,908 | 183,048 | 186,044 | 192,106 | 194,746 | 11 |
| 492,083 | 500,337 | 500,410 | 501,566 | 500,300 | 500, 175 | 504,474 | 156,087 | 156,733 | 157,386 | 156,934 | 156,157 | 155,861 | 157,310 | 881,600 | 889,049 | 886,659 | 877,372 | 872,787 | 879,448 | 886,032 | 12 |
| 55,501 | 56,661 | 56,939 | 57.469 | 58,029 | 59,239 | 60,666 | 18,743 | 18,854 | 18,979 | 19,094 | 19,175 | 19,618 | 20,094 | 95,156 | 96.514 | 96,959 | 96,968 | 97,614 | 100.154 | 102,428 | 13 |
| 101,806 | 102,572 | 102,862 | 103,824 | 104,438 | 107.055 | 108,036 | 26.556 | 27,373 | 27,552 | 27,798 | 27.576 | 28,947 | 28,515 | 146,255 | 145,130 | 146.391 | 146,859 | 145,928 | 151,626 | 152,157 | 14 |
| 2,485 | 3,222 | 3,113 | 3,050 | 3,177 | 3,694 | 2,455 |  | 1,306 | 1.285 | 1,331 | 1,092 | 2,015 | 975 | 2,977 | 1,457 | 1.515 | 1,467 | 1,362 | 3,894 | 1,986 | 15 |
| 99,321 | 99,350 | 99,749 | 100,774 | 101,261 | 103,362 | 105,581 | 25,842 | 26,067 | 26,266 | 26,467 | 26,484 | 26,932 | 27,540 | 143,278 | 143,673 | 144,875 | 145,393 | 144,567 | 147,732 | 150,771 | 16 |
| 4,007 | 4,815 | 4.775 | 4,768 | 4,933 | 5,483 | 4,290 | 1,791 | 2,382 | 2,375 | 2,431 | 2,201 | 3,144 | 2.132 | 9,509 | 8,232 | 8,530 | 8,666 | 8.694 | 11,427 | 9,800 | 17 |
| 645,382 | 654,754 | 655,436 | 658,091 | 657,834 | 660,987 | 668,887 | 199,595 | 200,578 | 201,542 | 201,396 | 200,708 | 201,283 | 203,786 | 1,113,503 | 1,122,462 | 1,121,478 | 1,112,533 | 1,107,635 | 1,119,801 | 1,130,818 | 18 |
| 545,085 | 552,458 | 551.012 | 551,705 | 549,904 | 550,007 | 556,010 | 166,726 | 166,989 | 167,510 | 166,365 | 165,467 | 164,861 | 166,832 | 941,012 | 943,750 | 939,195 | 927,559 | 919,068 | 928,926 | 936,831 | 19 |
| 4,057 | 4,180 | 4,333 | 4,373 | 4,335 | 4,367 | 4,258 | 1,520 | 1.571 | 1.636 | 1,675 | 1,676 | 1,684 | 1.633 | 11,279 | 11,496 | 11,762 | 11,832 | 11,730 | 12,377 | 12,090 | 20 |
| 26,421 | 26,687 | 26.165 | 26,195 | 27,148 | 26,815 | 26,639 | 4,271 | 4,307 | 4,240 | 4,683 | 4,272 | 4.226 | 4,216 | 4,960 | 5,022 | 5,140 | 5,050 | 5,238 | 5,240 | 5,168 | 21 |
| 43,240 | 43,993 | 44,927 | 45,120 | 44,324 | 44,834 | 45,264 | 16,165 | 16,773 | 16,769 | 16,950 | 16,727 | 16,319 | 16,624 | 69,949 | 70,814 | 71,324 | 71,507 | 69,940 | 72,660 | 72,940 | 22 |
| 83,443 | 83,503 | 81,861 | 80,974 | 80,552 | 77,926 | 78,122 | 22,669 | 21,711 | 21,410 | 20,986 | 20,858 | 20.465 | 21,055 | 160,676 | 154,692 | 150,325 | 144,865 | 143,966 | 143.150 | 142,382 | 23 |
| 54,667 | 54,323 | 53,043 | 51,979 | 51,443 | 48,897 | 48,438 | 16,071 | 15,041 | 14,775 | 14,503 | 14,177 | 13,961 | 14,386 | 117,835 | 112,475 | 107,971 | 102,714 | 101,594 | 101,130 | 100,302 | 24 |
| 28,776 | 29,180 | 28,818 | 28,994 | 29,109 | 29,029 | 29,684 | 6,599 | 6,671 | 6,636 | 6,483 | 6,681 | 6,503 | 6.669 | 42,841 | 42,217 | 42,354 | 42,151 | 42,372 | 42,020 | 42,080 | 25 |
| 57.211 | 58.724 | 56.352 | 55,844 | 56,779 | 55,406 | 56,193 | 18,356 | 17,728 | 18,135 | 17,445 | 17,888 | 18.311 | 18.330 | 70,278 | 70,283 | 71.663 | 71,373 | 70.004 | 69.791 | 70,407 | 26 |
| 42,659 | 42.936 | 43,048 | 41,886 | 41,029 | 41.430 | 41,480 | 11,299 | 11,062 | 10.976 | 10,882 | 10,611 | 10,741 | 10,811 | 64,488 | 63,392 | 62,795 | 62,282 | 61,190 | 62,951 | 63,678 | 27 |
| 59,624 | 60,780 | 60,749 | 61,917 | ${ }^{61,885}$ | 62,416 | 63,439 | 18,587 | 18.963 | 19,017 | 19,083 | 19,030 | 19,232 | 19,324 | 101,326 | 102,585 | 102.296 | 102,148 | 101,471 | 102,721 | 104,183 | 28 |
| 50,850 | 52,531 | 52,731 | 53,256 | 52,498 | 53,619 | 54,512 | 16,292 | 17.118 | 16,586 | 16,651 | 16,326 | 16,826 | 17,047 | 92,723 | 99,482 | 95,495 | 96,788 | 96,515 | 98,183 | 99,118 | 29 |
| 177,581 | 179,123 | 180,846 | 182,140 | 181,353 | 183,192 | 186,104 | 57,568 | 57,756 | 58,742 | 58,009 | 58,079 | 57,057 | 57,792 | 365,333 | 365,984 | 3688,395 | 361715 | 359,012 | 361,853 | 366,864 | 30 |
| 100,297 | 102,296 | 104,424 | 106,386 | 107,931 | 110,980 | 112,877 | 32,870 | 33,589 | 34,032 | 35,031 | 35,241 | 36,422 | 36,954 | 172.491 | 178.712 | 182,283 | 184,974 | 188.567 | 190,875 | 193,987 | 31 |
| 19,007 | 19,450 | 19,561 | 19,654 | 19,497 | 20,382 | 20,725 | 7,513 | 7,644 | 7,744 | 7,839 | 7,672 | 7,879 | 7,886 | 27.739 | 28,029 | 28,156 | 28,343 | 28,052 | 29,048 | 29,439 | 32 |
| 10,213 | 10,673 | 10.547 | 10,442 | 10,614 | 11,467 | 11,676 | 2,977 | 3,100 | 3,050 | 3,011 | 3.070 | 3,377 | 3,471 | 16,182 | 16,947 | 16,874 | 16,872 | 16,961 | 18,315 | 18,684 | 33 |
| 71,077 | 72,173 | 74,316 | 76,290 | 77,820 | 79.131 | 80,475 | 22,379 | 22,845 | 23,238 | 24,181 | 24,499 | 25,166 | 25,598 | 128,571 | 133,736 | 137.253 | 139,759 | 143,555 | 143,511 | 145,864 | 34 |

[^18] methodologies used to prepare the estimates, and in the timing of the availability of source data. In particular, it differs from

## BEA Current and Historical Data

National, International, and Regional Data

This section presents an extensive selection of economic statistics prepared by the Bureau of Economic Analysis (BEA) and a brief selection of collateral statistics prepared by other Government agencies and private organizations. Series that originate 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.

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$$
\text { The tables present annual }[\mathrm{A}] \text {, quarterly }[\mathrm{Q}] \text {, and monthly }[\mathrm{M}] \text { data }
$$

## National Data

A. Selected NIPA tables [A, Q]
S. Summary tables ..... D-2

1. National product and income ..... D-3
2. Personal income and outlays ..... D-7
3. Government current receipts and expenditures. ..... D-8
4. Foreign transactions ..... D-12
5. Saving and investment ..... D-14
6. Income and employment by industry. ..... D-17
7. Quantity and price indexes ..... D-18
8. Supplemental tables ..... D-25
B. Other NIPA and NIPA-related tables
B. 1 Personal income [A, M] ..... D-30
B. 2 Disposition of personal income [A, M] ..... D-30
B. 3 Gross domestic product by industry [A] ..... D-31
B. 4 Personal consumption expenditures by type [A] ..... D-32
B. 5 Private fixed investment in structures by type [A] ..... D-33
B. 6 Private fixed investment in equipment and software by type [A] ..... D-33
B. 7 Compensation and wage and salary accruals by industry [A] ..... D-34
B. 8 Employment by industry [A] ..... D-35
B. 9 Wage and salary accruals by employee and by industry [A] ..... D-36
B. 10 Farm sector output, gross product, and national income [A] ..... D-37
B. 11 Housing sector output, gross product, and national income [A] ..... D-37
B. 12 Net stock of private fixed assets by type [A] ..... D-38
C. Historical measures
C. 1 GDP and other major NIPA aggregates ..... D-39
D. Domestic perspectives $[A, Q, M]$ ..... D-42
E. Charts
Selected NIPA series ..... D-44
Other indicators of the domestic economy ..... D-50

## International Data

F. Transactions tables
F. 1 U.S. international transactions in goods and services [A, M] ..... D-52
F. 2 U.S. international transactions [A, Q] ..... D-53
F. 3 U.S. international transactions by area [Q] ..... D-54
F. 4 Private services transactions [A] ..... D-57
G. Investment tables [A]
G. 1 U.S. international investment position ..... D-58
G. 2 USDIA: Selected items ..... D-59
G. 3 Selected financial and operating data of foreign affiliates of U.S. companies ..... D-60
G. 4 FDIUS: Selected items. ..... D-61
G. 5 Selected financial and operating data of U.S. affiliates of foreign companies. ..... D-62
H. International perspectives $[\mathrm{A}, \mathrm{Q}, \mathrm{M}$ ] ..... D-63
I. Charts
The United States in the international economy ..... D-64
Regional Data
J. State and regional tables
J. 1 Personal income [Q] ..... D-65
J. 2 Personal income and per capita personal income [A] ..... D-66
J. 3 Disposable personal income and per capita disposable personal income [A] ..... D-67
J. 4 Gross state product [A] ..... D-68
K. Local area table
K. 1 Personal income and per capita personal income by metropolitan area [A] ..... D-69
L. Charts
Selected regional estimates ..... D-71
Appendixes
A: Additional information about the NIPA estimates Statistical conventions ..... D-73
Reconciliation tables [A, Q] ..... D-74
B: Suggested reading ..... D-75

## National Data

## A. Selected NIPA Tables

The tables in this section include the most recent estimates of gross domestic product and its components; these estimates were released on October 31, 2002 and include the "advance" estimates for the third quarter of 2002.

The selected set of NIPA tables shown in this section presents quarterly estimates, which are updated monthly. In most of these tables, annual estimates are also shown.

The news release on gross domestic product is available within minutes of the time of release, and the "Selected NIPA Tables" are available later that day, on BEA's Web site <www.bea.gov>.

The "Selected NIPA Tables" are also available on printouts or diskettes from BEA. To order NIPA subscription products, call the BEA Order Desk at 1-800-704-0415 (outside the United States, 202-606-9666).

NOTE. Effective with this release, the estimates of population beginning with 1990 are revised to reflect the intercensal population estimates released in September 2002 by the Bureau of the Census. These revisions affected the estimates in NIPA tables 2.1, 2.9, and 8.7. For more information, see "Updated NIPA Tables" in this issue.

## S. Summary Tables

Table S.1. Summary of Percent Change From Preceding Period in Real Gross Domestic Product and Related Measures
[Percent]

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | 111 | IV | 1 | 11 | III |
| Gross domestic product.. Personal consumption | 3.8 | . 3 | -. 3 | 2.7 | 5.0 | ${ }_{2}^{1.3}$ | 3.1 |
| expenditures .................... | 4.48.23.9 | 2.56.0 | 1.5 | 6.0 | 3.1 | 1.8 | 4.2 |
| Durable goods ................... |  |  | 4.6 | 33.6 |  | 2.0 | 22.7 |
| Nondurable goods .............. |  | 2.0 | 1.3 | 3.6 | 7.9 | $-.1$ | 1.3 |
| Services .......................... | 3.8 |  | . 9 | 2.1 | 2.9 |  | 2.3 |
| Gross private domestic |  | -10.7 | -5.2 |  | 18.2 |  |  |
| investment ............... | 6.2 |  |  | -17.3-8.9 |  | 7.9-1.0 | -. 3 |
| Fixed investment................ |  | -3.8 | -4.3 |  | -5.8 |  | . 2 |
| Nonresidential...... | 7.86.5 | -5.2 |  | -10.9 |  | -2.4 | . 6 |
| Structures..... |  | $\begin{array}{r} -1.7 \\ -6.4 \\ .3 \end{array}$ | 2.9 | -30.1 | -14.2 | -17.6 | -16.0 |
| Equipment and software | 8.8 <br> 8.1 <br> 1.1 |  | -9.2.4 | -2.5 | 14.2 | 2.7 | 6.5-8 |
| Residential .................. |  |  |  |  |  |  |  |
| Net exports of goods and services. $\qquad$ |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exports .......................... | $\begin{array}{r}9.7 \\ 11.3 \\ \hline 1\end{array}$ | -5.4. | -17.3 | -9.6-7.9 | 3. | 14.3 <br> 15.9 | 3.18 |
| Goods.... |  |  |  |  | 21.7 |  |  |
| Services ...................... | 1.713.213.2 | -4.0 | -13.9 | -13.8 |  | 10.7 | $\begin{array}{r}-1.6 \\ \hline 2.5\end{array}$ |
| Imports..... |  |  | -11.8 | -5.3 | 8.5 | 22.2 |  |
| Goods......................... | 13.5 | -3.3 | $\begin{array}{r} -9.6 \\ -23.2 \end{array}$ | -3.3-16.5 | 3.735.7 | 27.9-2.1 | 4.5-7.1 |
| Services ....................... | 11.6 | -. 5 |  |  |  |  |  |
| Government consumption expenditures and gross |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Federal ................................. | 2.7 <br> 1.3 | 4.8 | $\begin{array}{r} -1.1 \\ 1.2 \end{array}$ | 10.5 13.5 |  |  |  |
| Nationai defense.... | -13.6 | 5.04.5 | $\begin{array}{r} 4.6 \\ -4.5 \end{array}$ | 14.312.1 | 11.6.4 | 7.86.9 | - 9 |
| Nondefense................... |  |  |  |  |  |  |  |
| State and local ................... | 3.5 | 3.1 | -2.3 | 8.9 | 4.6 | -1.7 | 1.2 |
| Addenda: | 3.74.4 | 1.5 | -. 2 | 4.2 | 2.4 <br> 5.6 |  | 3.23.1 |
| Final sales of domestic product. |  |  |  |  |  | -.1 |  |
| Gross domestic purchases... |  | . 4 | -. 1 |  |  |  |  |
| Final sales to domestic purchasers | 4.33.74.8 | $\begin{aligned} & 1.6 \\ & .2 \\ & 1.8 \end{aligned}$ | $\begin{array}{r} 1 . \\ -1.1 \\ 10.5 \end{array}$ | $\begin{array}{r} 4.3 \\ 3.7 \\ -7.6 \end{array}$ | $\begin{array}{r} 3.0 \\ 3.7 \\ 14.5 \end{array}$ | 1.3.43.6 | 3.2 |
| Gross national product ........ |  |  |  |  |  |  |  |
| Disposable personal income |  |  |  |  |  |  | 2.7 |

Table S.2. Summary of Contributions to Percent Change in Real Gross Domestic Product

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | I | II | III |
| Percent change at annual rate: Gross domestic product. | 3.8 | . 3 | -. 3 | 2.7 | 5.0 | 1.3 |  |
| Percentage points at annual rates: |  |  |  |  |  |  |  |
| Personal consumption |  |  |  |  |  |  | 3.1 |
| expenditures........... | 2.94 | 1.67 | . 97 | 4.05 | 2.22 | 1.22 | 2.95 |
| Durable goods................ | . 65 | . 48 | . 36 | 2.45 | -. 5.5 | . 16 | 1.73 |
| Nondurable goods........... | . 77 | . 39 | . 25 | . 73 | 1.57 | -. 02 | . 27 |
| Services ........................ | 1.51 | . 80 | . 35 | . 87 | 1.20 | 1.08 | . 95 |
| Gross private domestic investment. | 1.08 | -1.90 | -. 81 | -2.88 | 2.53 | 1.16 | -. 04 |
| Fixed investment................. | 1.03 | -. 65 | -. 72 | -1.49 | -. 07 | -. 15 | . 03 |
| Nonresidential ............. | . 98 | -. 66 | -. 73 | -1.33 | -. 66 | -. 27 | . 07 |
| Structures $\qquad$ Equipment and | . 20 | -. 05 | . 10 | -1.12 | -. 44 | -. 53 | -. 45 |
| Equipment are............. | . 78 | -. 61 | $-.83$ | -. 21 | -. 22 | . 26 | . 52 |
| Residential | .05 | .01 | . 02 | -. 16 | . 60 | . 12 | -. 03 |
| Change in private inventories $\qquad$ | . 06 | -1.24 | -. 09 | -1.39 | 2.60 | 1.31 | -. 07 |
| Net exports of goods and |  |  |  |  |  |  |  |
| services ........................ | $-.75$ | -. 18 | -. 24 | -. 28 | -. 75 | -1.40 | -. 13 |
| Exports......................... | 1.04 | -. 59 | -1.94 | -. 99 | . 33 | 1.29 | . 21 |
| Goods....................... | . 85 | -. 47 | -1.49 | -. 56 | -. 23 | . 99 | . 26 |
| Services..................... | . 19 | -. 13 | -. 45 | -. 42 | . 56 | . 30 | -. 05 |
| Imports ........................ | -1.79 | 42 | 1.70 | . 70 | -1.08 | -2.69 | -. 35 |
| Goods ........................ | -1.54 | . 40 | 1.17 | . 37 | -. 40 | -2.74 | -. 52 |
| Services..................... | -. 24 | . 01 | . 53 | . 33 | -. 68 | . 05 | . 17 |
| Government consumption |  |  |  |  |  |  |  |
| expenditures and gross investment |  |  |  |  | 1.04 | . 27 |  |
| investment. <br> Federal | . 49 | . 65 | -. 21 | 1.85 .80 | 1.04 .47 | . 27 | . 35 |
| National defense............................. | . 00 | . 19 | . 18 | . 54 | . 46 | . 32 | . 22 |
| Nondefense ................. | . 08 | . 10 | -. 11 | . 26 | . 01 | . 16 | -. 02 |
| State and local................. | . 41 | . 36 | -. 28 | 1.05 | . 56 | -. 21 | . 16 |

Note. More detailed contributions to percent change in real gross domestic product are shown in table 8.2 . Contributions to percent change in major components of real gross domestic product are shown in tables 8.3 through 8.6.

Note. Percent changes from preceding period in the current-dollar and price measures for these series are shown in table 8.1.

Table 1.1. Gross Domestic Product
[Billions of dollars]

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | 111 | IV | 1 | 11 | 111 |
| Gross domestic product | 9,824.6 | 10,082.2 | 10,097.7 | 10,152.9 | 10,313.1 | 10,376.9 | 10,486.1 |
| Personal consumption expenditures | 6,683.7 | 6,987.0 | 6,983.7 | 7,099.9 | 7,174.2 | 7,254.7 | 7,364.3 |
| Durable goods .......... | 803.9 | 835.9 | 824.0 | 882.6 | 859.0 | 856.9 | 897.5 |
| Nondurabie goods.... | 1,972.9 | 2,041.3 | 2,044.3 | 2,044.4 | 2,085.1 | 2,108.2 | $2,118.4$ |
| Services .................. | 3,906.9 | 4,109.9 | 4,115.4 | 4,172.9 | 4,230.1 | 4,289.5 | 4,348.5 |
| Gross private domestic investment | 1,755.4 | 1,586.0 | 1,574.9 | 1,500.7 | 1,559.4 | 1,588.0 | 1,583.6 |
| Fixed investment...... | 1,691.8 | 1,646.3 | 1,635.5 | 1,597.2 | 1,589.4 | 1,584.6 | 1,583.3 |
| Nonresidential ...... | 1,265.8 | 1,201.6 | 1,188.1 | 1,149.8 | 1,126.8 | 1,115.8 | 1,114.9 |
| Structures $\qquad$ Equipment and | 314.2 | 324.5 | 332.0 | 302.3 | 288.3 | 275.2 | 263.9 |
| Equipment and software | 951.6 | 877.1 | 856.1 | 847.4 | 838.5 | 840.7 | 851.0 |
| Residential........... | 426.0 | 444.8 | 447.4 | 447.4 | 462.6 | 468.7 | 468.4 |
| Change in private inventories $\qquad$ | 63.6 | -60.3 | -60.6 | -96.5 | -29.9 | 3.4 | 4 |
| Net exports of goods |  |  |  |  |  |  |  |
| and services........... | -365.5 | -348.9 | -312.6 | -344.5 | -360.1 | -425.6 | -437.3 |
| Exports................... | 1,101.1 | 1,034.1 | 1,005.8 | 971.1 | 977.5 | 1,018.1 | 1,032.4 |
| Goods ................. | 785.0 | 733.5 | 708.5 | 687.7 | 679.8 | 709.4 | 722.0 |
| Services............... | 316.1 | 300.6 | 297.3 | 283.4 | 297.7 | 308.8 | 310.3 |
| Imports .................. | 1,466.6 | 1,383.0 | 1,318.4 | 1,315.6 | 1,337.5 | 1,443.7 | 1,469.7 |
| Goods ................. | 1,243.1 | 1,167.2 | 1,140.6 | 1,098.3 | 1,102.3 | 1,202.9 | 1,225.5 |
| Services ............... | 223.5 | 215.8 | 177.8 | 217.3 | 235.2 | 240.8 | 244.2 |
| Government consumption expenditures and gross investment $\qquad$ Federal $\qquad$ National defense ... Nondefense <br> State and local.......... |  |  |  |  |  |  |  |
|  | 1,751.0 | 1,858.0 | 1,851.7 | 1,896.8 | 1,939.5 | 1,959.8 | 1,975.4 |
|  | 589.2 | 628.1 | 627.4 | 646.9 | 672.0 | 688.2 | 695.1 |
|  | 374.9 | 399.9 | 400.3 | 412.8 | 431.7 | 442.1 | 449.0 |
|  | 214.3 | 228.2 | 227.2 | 234.1 | 240.3 | 246.1 | 246.1 |
|  | 1,161.8 | 1,229.9 | 1,224.3 | 1,249.8 | 1,267.5 | 1,271.6 | 1,280.4 |

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

Table 1.2. Real Gross Domestic Product
[Billions of chained (1996) dollars]

|  | 2000 | 2001 | Seasonally adjusted at annuai rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | II | III |
| Gross domestic product.. | 9,191.4 | 9,214.5 | 9,186.4 | 9,248.8 | 9,363.2 | 9,392.4 | 9,465.2 |
| Personal consumption |  |  |  |  |  |  |  |
| expenditures.................... | 6,223.9 | 6,377.2 | 6,370.9 | 6,464.0 | 6,513.8 | 6,542.4 | 6,610.8 |
| Durable goods................... | 878.9 | 931.9 | 92.6 | 992.0 | 975.9 | 980.7 | 1,032.0 |
| Nondurable goods.............. | 1,833.8 | 1,869.8 | 1,868.3 | 1,885.0 | 1,921.4 | 1,920.9 | 1,927.2 |
| Services ........................... | 3,524.5 | 3,594.9 | 3,597.5 | 3,616.6 | 3,642.2 | 3,666.2 | 3,686.9 |
| Gross privale domestic investment | 1,762.9 | 1,574.6 | 1,562.7 | 1,490.3 | 1,554.0 | 1,583.9 | 1,582.8 |
| Fixed investment ................... | $1,691.9$ | 1,627.4 | 1,615.7 | 1,578.4 | 1,576.4 | 1,572.6 | 1,573.4 |
| Nonresidential | 1,324.2 | 1,255.1 | 1,241.7 | 1,206.4 | 1,188.4 | 1,181.1 | 1,182.8 |
| Structures. | 275.5 | 270.9 | 276.3 | 252.7 | 243.2 | 231.7 | 221.8 |
| Equipment and software | 1,056.0 | 988.2 | 966.4 | 960.3 | 953.7 | 961.4 | 976.7 |
| Residential................ | 372.4 | 373.5 | 374.3 | 371.0 | 383.6 | 386.1 | 385.4 |
| Change in private inventories | 65.0 | -61.4 | -61.8 | -98.4 | -28.9 | 4.9 | 1.9 |
| Net exports of goods and |  |  |  |  |  |  |  |
| services ...................... | -398.8 | -415.9 | -419.0 | -425.3 | -446.6 | -487.4 | -491.2 |
| Exports............................ | 1,137.2 | 1,076.1 | 1,048.0 | 1,021.8 | 1,030.6 | 1,065.5 | 1,071.2 |
| Goods .......................... | 834.7 | 785.2 | 760.0 | 744.6 | 738.1 | 765.8 | 773.0 |
| Services........................ | 304.1 | 292.0 | 288.7 | 278.2 | 292.2 | 299.7 | 298.5 |
| Imports ................................... | 1,536.0 | 1,492.0 | 1,467.0 | 1,447.2 | 1,477.1 | 1,552.9 | 1,562.4 |
| Goods.......................... | 1,313.7 | 1,270.5 | 1,249.2 | 1,238.7 | 1,250.0 | 1,329.2 | 1,343.9 |
| Services........................ | 223.6 | 222.4 | 218.6 | 208.9 | 225.5 | 224.3 | 220.2 |
| Government consumption |  |  |  |  |  |  |  |
| investment...................... | 1,582.5 | 1,640.4 | 1,633.3 | 1,674.5 | 1,697.3 | 1,703.3 | 1,711.1 |
| Federal ............. | 544.4 | 570.6 | 568.9 | 587.2 | 597.8 | 608.7 | 613.1 |
| Nondefense ...... | 1956 | 366.0 | 303.5 | 378.1 | 388.5 | 395.8 | 400.8 |
| State and local........................ | 1,037.4 | 1,069.4 | 1,064.1 | 1,087.1 | 1,099.3 | 1,094.7 | 1,098.1 |
| Residual .............................. | 2.1 | 22.6 | 29.1 | 20.2 | 20.2 | 25.1 | 14.6 |

NOTE. Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100 . Because the formula ior the chain-type quantity indexes uses weights of more than one period, the corresponding chained-doliar estimates are usually not add ive. The residual line is the difference between the first line and the sum of the most detailed lines.
Percent changes from preceding period for selected items in this table are shown in table 8.1; contributions to the percent change in real gross domestic product are shown in table 8.2.
Chain-type quantity indexes for the series in this table are shown in table 7.1.

## Vintage Estimates of the National Income and Product Accounts, 1978-2000

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

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | 11 | IV | 1 | 11 | 111 |
| Gross domestic product | 9,824.6 | 10,082.2 | 10,097.7 | 10,152.9 | 10,313.1 | 10,376.9 | 10,486.1 |
| Final sales of domestic product. | 9,761.1 | 10,142.5 | 10,158.3 | 10,249.4 | 10,343.0 | 10,373.5 | $10,485.7$ |
| Change in private inventories. $\qquad$ | 63.6 | -60.3 | -60.6 | -96.5 | -29.9 | 3.4 | 4 |
| Goods. | 3,651.0 | 3,593.7 | 3,568.6 | 3,599.1 | 3,664.2 | 3,659.1 | 3,712.3 |
| Final sales..... | 3,587.4 | 3,654.0 | 3,629.2 | 3,695.5 | 3,694.1 | 3,655.7 | 3,711.9 |
| Change in private inventories. |  | -60.3 | -60.6 | -96.5 | -29.9 | 3.4 | 4 |
| Durable goods.......... | 1,735.0 | 1,611.4 | 1,582.6 | 1,594.1 | 1,621.2 | $1,612.0$ | $1,682.7$ |
| Final sales.... | 1,690.9 | 1,676.4 | 1,647.9 | 1,689.1 | 1,641.5 | 1,616.8 | 1,677.0 |
| Change in private inventories ' | 44.1 | -65.0 | -65.2 | -95.0 | -20.3 | -4.8 | 5.7 |
| Nondurable goods.... | 1,915.9 | 1,982.3 | 1,986.0 | 2,005.0 | $2,042.9$ | 2,047.1 | 2,029.5 |
| Final saies.......... | 1,896.5 | 1,977.6 | 1,981.3 | 2,006.4 | 2,052.6 | 2,038.9 | 2,034.9 |
| Change in private inventories ${ }^{1}$ $\qquad$ | 19.4 | 4.7 | 4.7 | -1.5 | -9.7 | 8.2 | -5.3 |
| Services ................... | 5,259.2 | 5,535.1 | 5.579.4 | 5,613.1 | 5,696.6 | 5,781.5 | 5,848.8 |
| Structures.................. | 914.5 | 953.3 | 949.7 | 940.7 | 952.3 | 936.3 | 925.0 |
| Addenda: <br> Motor vehicle output | 335.4 | 312.0 | 315.6 | 327.7 | 331.8 | 334.7 | 363.5 |
| product less motor <br> vehicle output....... | 9,489.3 | 3,770.2 | 9,782.1 | 9,825.2 | 9,981.3 | 10,042.1 | 10,122.6 |

1. Estimates for durable goods and nondurable goods for 1997 and earlier periods are based on the 1987 StanJard Industrial Classification (SIC); later estimates for these industries are based on the North American Industry Classitication System (NAICS).
NoTe. Percent changes from preceding period for gross domestic product and for final sales of domestic product are shown in table 3.1.

Table 1.5. Relation of Gross Domestic Product, Gross Domestic Purchases, and Final Sales to Domestic Purchasers
[Billions of dollars]

| Gross domestic product | 9,824.6 | 10,082.2 | 10,097.7 | 10,152.9 | 10,313.1 | 10,376.9 | 10,486.1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Less: Exports of goods and services | 1,101.1 | 1,034.1 | 1,005.8 | 971.1 | 977.5 | 1,018.1 | 1,032.4 |
| Plus: Imports of goods and services $\qquad$ | 1,466.5 | 1,383.0 | 1,318.4 | 1,315.6 | 1,337.5 | 1,443.7 | 1,469.7 |
| Equals: Gress domestic purchases $\qquad$ | 10,190.1 | 10,431.0 | 10,410.4 | 10,497.4 | 10,673.1 | 10,802.4 | 10,923.4 |
| Less: Change in private inventories. | 63.6 | -60.3 | -60.6 | -96.5 | -29.9 | 3.4 | . 4 |
| Equals: Final sales to domestic purchasers | 10,126.6 | 10,491.4 | 10,470.9 | 10,593.9 | 10,703.1 | 10,799.0 | 10,923.0 |

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 $\qquad$ | 9,824.6 | 10,082.2 | 10,097.7 | 10,152.9 | 10,313.1 | 10,376.9 | 10,486.1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Business '................... | 8,311.4 | 8,482.7 | 8,484.6 | 8,525.2 | 8,656.2 | 8,700.1 | 8,789.1 |
| Nonfarm ${ }^{2}$....... | 8,233.6 | 8,402.1 | 8,402.7 | 8,443.7 | 8,567.6 | 8.631 .5 | 8,712.3 |
| Nontarm less housing | 7,435.9 | 7,571.1 | 7,566.4 | 7,601.5 | 7,712.8 | 7,757.5 | 7,843.2 |
| Housing........ | 797.8 | 831.1 | 836.3 | 842.1 | 854.8 | 874.1 | 869.1 |
| Farm..................... | 77.8 | 80.6 | 81.9 | 81.6 | 88.6 | 68.6 | 76.8 |
| Households and institutions.... |  |  |  |  |  |  |  |
| Private housenolds... | 431.6 | 459.6 11.9 | 465.1 11.6 | 466.6 10.7 | 472.5 | 481.4 10.7 | 490.7 10.9 |
| Nonprofit institutions | 417.5 | 447.7 | 453.5 | 455.9 | 462.0 | 470.8 | 479.9 |
| General government ${ }^{3}$.. | 1,082.1 | 1,139.8 | 1,148.0 | 1,161.1 | 1,184.4 | 1,195.3 | 1,206.3 |
| Federal................... | 323.4 | 332.8 | 333.7 | 334.3 | 350.1 | 354.1 | 357.6 |
| State and local......... | 758.7 | 807.0 | 814.3 | 826.8 | 834.3 | 841.3 | 848.7 |

1. Equals gross domestic product less gross product of households and institutions and of general govern-
ment.
2. Equals gross domestic business product less gross farm product.
capital as compensation of general government employees plus general government consumption of fixed capital as shown in table 3.7.

Table 1.4. Real Gross Domestic Product by Major Type of Product
[Billions of chained (1996) dollars]

|  | 2000 | 2001 | Seasonaliy adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | I | II | III |
| Gross domestic product. | 9,191.4 | 9,214.5 | 9,186.4 | 9,248.8 | 9.363 .2 | 9,392.4 | 9,465.2 |
| Final sales of domestic |  |  |  |  |  |  |  |
| product.................. | 9,121.1 | 9,258.4 | 9.230.5 | 9,324.9 | 9,379.4 | 9,377.9 | 9,452.2 |
| Change in private inventories | 65.0 | -61.4 | -61.8 | -98.4 | -28.9 | 4.9 | 1.9 |
| Residual | 5.3 | 17.5 | 17.7 | 22.3 | 12.7 | 9.6 | 11.1 |
| Goods | 3,674.3 | 3,589.9 | 3,560.3 | 3,598.2 | 3,670.8 | 3,674.4 | 3,735.0 |
| Final sales............. | 3,603.7 | 3,643.3 | 3,613.8 | 3,686.8 | 3,693.4 | 3,663.0 | 3,725.4 |
| Change in private inventories | 65.0 | -61.4 | -61.8 | -98.4 | -28.9 | 4.9 | 1.9 |
| Durable goods....................... | 1,870.4 | 1,754.9 | 1,727.0 | 1,741.7 | 1,781.1 | 1,784.6 | 1,871.1 |
| Final sales ..................... | 1,821.1 | 1,823.9 | 1,796.1 | 1,843.8 | 1,801.6 | 1,787.6 | 1,862.1 |
| Change in private inventories ${ }^{1}$ $\qquad$ | 46.0 | -67.9 | -68.5 | -99.3 | -20.3 | -4.4 | 6.4 |
| Nondurable goods.............. | 1,813.2 | 1,834.2 | 1,830.5 | 1,853.1 | 1,886,8 | 1,887.2 | 1,870.9 |
| Final sales..................... | 1,791.2 | 1,825.6 | 1,821.9 | 1,849.1 | 1,890.7 | 1,874.5 | 1,869.8 |
| Change in private inventories ' $\qquad$ | 19.5 | 4.8 | 4.9 | -. 8 | -8.8 | 9.0 | -4.2 |
| Services | 4,728.9 | 4,826.4 | 4,830.9 | 4,869.1 | 4,903.2 | 4,945.5 | 4,973.8 |
| Structures ............................ | 797.9 | 797.1 | 791.8 | 780.5 | 792.1 | 774.9 | 764.2 |
| Residual.............................. | -13.2 | 4.6 | 9.3 | 6.4 | 4.7 | 5.3 | $-6.9$ |
| Addenda: |  |  |  |  |  |  |  |
| Motor vehicle output .......... | 336.5 | 315.9 | 320.2 | 332.6 | 340.5 | 347.2 | 379.1 |
| Gross domestic product less motor vehicle output ....... | 8,854.8 | 8,896.6 | 8,864.5 | 8,915.7 | 9,022.6 | 9,045.9 | 9,090.6 |

1. Estimates for durable goods and nondurable goods for 1997 and earlier periods are based on the 1987 Standard Industrial Classification (SIC); later estimates for these industries are based on the North American Industry Classification System (NAICS).
NOTE. Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100 . Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not addi-
tive. The residual line following change in private inventories is the difference between gross domestic product tive. The residual ine following change in private inventories is the difference between gross domestic product structures is the difference between gross domestic product and the sum of the detailed lines of goods, of services, and of structures.
Percent changes from preceding period for gross domestic product and for final sales of domestic product are shown in table 8.1.
Chain-type quantity indexes for the series in this table are shown in table 7.17
Table 1.6. Relation of Real Gross Domestic Product, Real Gross Domestic Purchases, and Real Final Sales to Domestic Purchasers
[Billions of chained (1996) dollars]

| Gross domestic product. | 9,191.4 | 9,214.5 | 9,186.4 | 9,248.8 | 9,363.2 | 9,392.4 | 9,465.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Less: Exports of goods and |  |  |  |  |  |  |  |
| Services....................... | 1,137.2 | 1,076.1 | 1,048.0 | 1,021.8 | 1,030.6 | 1,065.5 | 1,071.2 |
| Plus: Imports of goods and services $\qquad$ | 1,536.0 | 1,492.0 | 1,467.0 | 1,447.2 | 1,477.1 | 1,552.9 | 1,562.4 |
| Equals: Gross domestic purchases | 9,561.2 | 9,600.7 | 9,575.8 | 9,645.3 | 9,778.2 | 9,840.8 | 9,917.0 |
| Less: Change in private inventories $\qquad$ | 65.0 | -61.4 | -61.8 | -98.4 | -28.9 | 4.9 | 1.9 |
| Equals: Final sales to domestic purchasers | 9,490.7 | 9,644.9 | 9,620.3 | 9,722.3 | 9,794.4 | 9,826.0 | 9,903.9 |

Note. Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity
indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.
Percent changes from preceding period for selected series in this table are shown in table 8.1.

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

## Table 1.8. Real Gross Domestic Product by Sector

[Billions of chained (1996) dollars]

| Gross domestic product.. | 9,191.4 | 9,214.5 | 9,186.4 | 9,248.8 | 9,363.2 | 9,392.4 | 9,465.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Business ' | 7,846.8 | 7,838.3 | 7,803.4 | 7,859.4 | 7,966.9 | 7,989.2 | 8,054.7 |
| Nonfarm ${ }^{3}$ | 7,729.2 | 7,724.7 | 7,693.9 | 7,739.2 | 7,849.1 | 7,876.8 | 7,941.4 |
| Nonfarm less housing ..... | 7,019.1 | 7,012.9 | 6,980.8 | 7,032.2 | 7,140.4 | 7,157.0 | 7,233.0 |
| Housing. | 711.0 | 712.6 | 713.5 | 708.3 | 710.9 | 721.0 | 711.6 |
| Farm. | 120.5 | 114.3 | 108.3 | 124.4 | 119.8 | 110.8 | 111.7 |
| Households and institutions .. | 388.9 | 398.7 | 400.4 | 401.0 | 403.4 | 406.4 | 409.1 |
| Private households............. | 12.0 | 10.1 | 9.8 | 9.0 | 8.7 | 8.8 | 8.9 |
| Nonprofit institutions .......... | 376.9 | 388.7 | 390.6 | 392.0 | 394.8 | 397.7 | 400.3 |
| General government ${ }^{\text {3 }}$. | 958.6 | 978.5 | 982.9 | 988.9 | 994.3 | 998.1 | 1,002.9 |
| Federal | 289.4 | 291.3 | 291.6 | 292.0 | 294.3 | 296.0 | 298.5 |
| State and local | 669.0 | 687.0 | 691.0 | 696.5 | 699.7 | 701.7 | 704.1 |
| Residual. | -6.5 | -2.4 | 8 | -5.6 | -5.4 | -. 6 | -2.9 |

1. Equals gross domestic product less gross product of households and institutions and of general government. Equals gross domestic business product less gross farm product.
2. Equals compensation of general government employees plus general government consumption of fixed capital as shown in table 3.8.
Note. Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100 . Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not addi-
Chain-type quantity indexes for the series in this table are shown in table 7.14 .

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


Table 1.10. Relation of Real Gross Domestic Product, Real Gross National Product, and Real Net National Product
[Billions of chained (1996) dollars]

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | I | 11 | III |
| Gross domestic product. | 9,191.4 | 9,214.5 | 9,186.4 | 9,248.8 | 9,363.2 | 9,392.4 | 9,465.2 |
| Plus: income receipts from the rest of the world $\qquad$ | 359.0 | 292.0 | 278.1 | 247.4 | 242.8 | 251.8 |  |
| Less: income payments to the rest of the world $\qquad$ | 333.6 | 269.2 | 264.9 | 213.1 | 239.2 | 268.2 |  |
| Equals: Gross national product | 9,216.2 | 9,237.3 | 9,199.8 | 9,283.5 | 9,367.5 | 9,376.7 |  |
| Less: Consumption of fixed |  |  |  |  |  |  |  |
| capital.............................. | 1,226.1 | 1,320.8 | 1,378.1 | 1,333.5 | 1,357.9 | 1,390.9 | 1,417.0 |
| Private ............................. | 1,024.0 | 1,110.7 | 1,163.0 | 1,122.2 | 1,144.8 | 1,176.2 | 1,200.9 |
| Government ...................... | 202.5 | 210.9 | 216.1 | 212.1 | 214.0 | 215.8 | 217.5 |
| General government........ | 173.3 | 179.2 | 179.9 | 181.5 | 183.2 | 184.7 | 186.1 |
| Government enterprises ... | 29.2 | 31.7 | 36.0 | 30.6 | 30.9 | 31.1 | 31.3 |
| Equals: Net national product | 7,994.4 | 7,928.1 | 7,838.8 | 7,961.1 | 8,022.0 | 8,001.6 | . |
| Addenda: |  |  |  |  |  |  |  |
| Gross domestic income ' .... | 9,311.6 | 9,321.7 | 9,293.6 | 9,369.5 | 9,463.1 | 9,541.4 |  |
| Gross national income ${ }^{\text {²....... }}$ | 9,336.4 | 9,344.5 | 9,307.1 | 9,404.2 | 9,467.4 | 9,525.7 |  |
| Net domestic product.......... | 7,969.7 | 7,905.4 | 7,825.3 | 7,926.7 | 8,017.7 | 8,017.0 | 8,065.4 |

1. Gross domestic income deflated by the implicit price deflator for gross domestic product.
2. Gross national income deflated by the implicit price deflator for gross national product.
Note. Except as noted in footnotes 1 and 2, chained (1996) dollar series are calculated as the product of the
chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100 . Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chaineddollar estimates are usually not additive.
The chain-type quantity index for gross national product is shown in table 7.3.
Table 1.11. Command-Basis Real Gross National Product
[Billions of chained (1996) dollars]

| Gross national product. | 9,216.2 | 9,237.3 | 9,199.8 | 9,283.5 | 9,367.5 | 9,376.7 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Less: Exports of goods and services and income receipts from the rest of the world ... | 1,498.9 | 1,366.5 | 1,324.1 | 4,264.7 | 1,268.0 | 1,311.9 |  |
| Plus: Command-basis exports of goods and services and income receipts from the rest of the world ' $\qquad$ | 1,516.6 | 1,410.0 | 1,400.2 | 1,314.9 | 1,321.2 | $1,311.0$ $1,345.6$ |  |
| Equals: Command-basis gross national product | 9,233.9 | 9,280.9 | 9,275.9 | 9,333.7 | 9,420.6 | 9,410.3 |  |
| Addendum: <br> Terms of trade: $\qquad$ | 101.2 | 103.2 | 105.7 | 104.0 | 104.2 | 102.6 |  |

1. Exports of goods and services and income receipts deflated by the implicit price deflator for imports of goods and services and income payments.
2. Ratio of the implicit price deflator for exports of goods and services and income receipts to the correponding implicit price deflator for imports divided by 100.
Nore. Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100 . Because the formula for the chain-type quantity
indexes uses weights of more than one period, the corresponding chained-dollar estimates
tive.
Chain-type quantity indexes for the series in this table are shown in table 7.3.

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

|  | 2000 | 2001 | Seasonalily adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | 11 | III |
| National income ... | 7,984.4 | 8,122.0 | 8,089.1 | 8,196.8 | 8,268.5 | 8,327.7 |  |
| Compensation of employees. | 5,723.4 | 5,874.9 | 5,880.4 | 5,860.9 | 5,908.4 | 5,963.5 | 6,023.5 |
| Wage and salary accruals... | $4,836.3$ | 4,950.6 | 4,953.7 | 4,931.4 | 4,957.8 | 4,997.0 | 5,041.0 |
| Government.................. |  | 810.8 | 817.1 | 825.2 | 840.4 | 848.4 | 856.4 |
| Other. | 4,067.4 | 4,139.8 | 4,136.6 | 4,106.2 | 4,117.4 | 4,148.6 | 4,184.6 |
| Supplements to wages and salaries .................... | 887.1 | 924.3 | 926.7 | 929.4 | 950.7 | 966.6 | 982.5 |
| Employer contributions for social insurance. $\qquad$ | 342.9 | 353.9 | 354.3 | 353.2 | 359.9 | 362.5 | 365.3 |
| Other labor income ......... | 544.2 | 570.4 | 572.4 | 576.3 | 590.8 | 604.1 | 617.2 |
| Proprietors' income with inventory valuation and capital consumption |  |  |  |  |  |  |  |
|  | 714.8 | 727.9 | 732.4 | 731.3 | 748.4 | 747.5 | 758.3 |
| Farm........ | 22.6 | 19.0 | 19.3 | 19.2 | 21.7 | 7.5 | 10.4 |
| Proprietors' income with inventory valuation adiustment $\qquad$ | 30.2 | 26.7 | 27.0 | 27.1 | 30.0 | 16.1 | 19.3 |
| Capital consumption |  |  |  |  |  |  |  |
| Nonfarm........................... | -792.6 | 708.8 | -7.7 713.1 | 712.1 <br> 7.8 | 726.7 | 740.0 <br> 8 | -8.9 748.0 |
| Proprietors income......... | 621.2 | 621.6 | 628.8 | 594.1 | 612.5 | 626.9 | 635.0 |
| Inventory valuation adjustment | -1.6 | . 9 | 1.5 | 3.6 | -. 2 | -1.1 | -1.6 |
| Capital consumption adjustment | 72.6 | 86.3 | 82.8 | 114.3 | 114.4 | 114.2 | 114.5 |
| Rental income of persons with capital consumption adjustment Rental income of persons.... Capital consumption adjustment. |  |  |  |  |  |  |  |
|  | 146.6 | 137.9 | 140.8 | 139.3 | 141.3 | 153.5 | 144.4 |
|  | 206.6 | 204.4 | 206.5 | 206.9 | 209.1 | 221.9 | 215.0 |
|  | -60.0 | -66.5 | -65.6 | -67.6 | -67.8 | -68.4 | -70.5 |
| Corporate profits with inventory valuation and capital consumption adjustments |  |  |  |  |  |  |  |
|  | 788.1 | 731.6 | 687.2 | 811.4 | 797.6 | 785.0 |  |
| Corporate profits with inventory valuation adjustment $\qquad$ |  |  |  |  |  |  |  |
|  | 767.3 | 675.1 | 663.2 | 626.3 | 641.3 | 652.2 |  |
| Profits before tax.......... | 782.3 | 670.2 | 654.3 | 599.1 | 639.4 | 657.9 | .......... |
| Protits tax liability ....... | 259.4 | 199.3 | 196.2 | 170.6 | 202.4 | 213.7 |  |
| Profits atter tax ........... | 522.9 | 470.9 | 458.1 | 428.5 | 437.0 | 444.3 |  |
| Dividends. | 376.1 | 409.6 | 411.4 | 417.7 | 424.2 | 430.8 | 437.7 |
| Undistributed profits Inventory valuation | 146.8 | 61.2 | 46.7 | 10.8 | 12.8 | 13.5 | .......... |
| adjustment......... | -15.0 | 5.0 | 8.9 | 27.2 | 1.9 | -5.7 |  |
| Capital consumption adjustment.. | 20.8 | 56.5 | 23.9 | 185.1 | 156.3 | 132.8 | 116.7 |
| Net interest........................ | 611.5 | 649.8 | 648.3 | 653.9 | 672.8 | 678.1 | 691.2 |
| Addenda: <br> Corporate profits after tax with inventory valuation and capital consumption adjustments. |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | 528.7 | 532.3 | 490.9 | 640.8 | 595.2 | 571.3 | $\ldots$ |
| Net cash flow with inventory valuation and capital |  |  |  |  |  |  |  |
| Undistributed profits with inventory valuation and capital consumption adjustments $\qquad$ | 873.7 | 911.8 | 915.1 | 1,015.6 | 979.3 | 966.7 | ......... |
|  | 152.6 | 122.7 | 79.5 | 223.0 | 171.0 | 140.5 |  |
| Consumption of fixed capital $\qquad$ | 721.1 | 789.1 | 835.6 | 792.6 | 808.3 | 826.1 | 837.0 |
| Less: Inventory valuation |  |  |  |  |  |  |  |
| Equals: Net cash flow........... | $\begin{aligned} & -15.0 \\ & 888.7 \end{aligned}$ | 906.8. | 8.9 906.2 | 988.4 | 1.9 977.4 | 972.4 | $\cdots$ |
|  |  |  |  |  |  |  |  |

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


1. Effective with the estimates scheduled for release on November 26, 2002, chained-dollar gross product of nonfinancial corporate business for 1999 to 2002 will be revised to reflect revisions to the gross product price indexes for nonfinancial industries.
2. Chained-dollar consumption of fixed capital of nontinancial corporate business is calculated as the product 3 chain-ype quantity index and the 996 current-dollar value of the corresponding series, divided by 100 and the consumption of fixed capital.

## 2. Personal Income and Outlays

Table 2.1. Personal Income and Its Disposition
[Billions of dollars]

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | 11 | III |
| Personal income.. | 8,406.6 | 8,685.3 | 8,706.2 | 8,700.9 | 8,803.4 | 8,913.7 | 8,992.4 |
| Wage and safary |  |  |  |  |  |  |  |
| dishursements | 4,836.3 | 4,950. 6 | 4,953.7 | 4,931.4 | 4,957.8 | 4,997.0 | 5,041.0 |
| Private industries..... | 4,067.4 | 4,139.8 | 4,136.6 | 4,106.2 | 4,117.4 | 4,148.6 | 4,184.6 |
| Goods-producing industries ........ | 1,163.7 | 1,142.4 | 1,140.0 | 1,123.3 | 1,116.9 | 1,118.9 | 1,120.9 |
| Manufacturing. | 829.4 | 789.4 | 783.4 | 769.9 | 759.4 | 761.5 | 760.6 |
| Distributive industries.. | 1,094.8 | 1,109.2 | 1,110.8 | 1,098.6 | 1,110.1 | 1,119.3 | 1,124.0 |
| Service industries ........ | 1,808.9 | 1,888.2 | 1,885.8 | 1,884.3 | 1,890.4 | 1,910.5 | 1,939.7 |
| Government.................. | 768.9 | 810.8 | 817.1 | 825.2 | 840.4 | 848.4 | 856.4 |
| Other labor income ........... | 544.2 | 570.4 | 572.4 | 576.3 | 590.8 | 604.1 | 617.2 |
| Proprietors' income with inventory valuation and capital consumption adjustments $\qquad$ Farm Nontarm $\qquad$ |  |  |  |  |  |  |  |
|  | 714.8 | 727.9 | 732.4 | 731.3 | 748.4 | 747.5 | 758.3 |
|  | 22.6 | 19.0 | 19.3 | 19.2 | 21.7 | 7.5 |  |
|  | 692.2 | 708.8 | 713.1 | 712.1 | 726.7 | 740.0 | 748.0 |
| Rental income of persons with capital consumption adjustment. $\qquad$ | 146.6 | 137.9 | 140.8 | 139.3 | 141.3 | 153.5 | 144.4 |
| Personal dividend income . | 375.7 | 409.2 | 411.0 | 417.3 | 423.7 | 430.3 | 437.3 |
| Personal interest income... Transfer payments to persons | 1,077.0 | 1,091.3 | 1,086.4 | 1,072.9 | 1,069.9 | 1,082.3 | 1,082.8 |
|  | 1,070.3 | 1,170.4 | 1,182.5 | 1,205.0 | 1,252.0 | 1,282.6 | 1,298.2 |
| Old-age, survivors, disability, and health insurance benefits. $\qquad$ | 617.2 | 664.3 | 670.1 | 674.0 | 690.2 | 696.3 | 701.9 |
| Government $\begin{gathered}\text { unemployment } \\ \text { insurance benefits...... }\end{gathered}$ |  |  |  |  |  |  |  |
|  | 20.5 | 31.9 | 33.1 | 41.0 | 52.3 | 67.3 | 67.6 |
| Veterans benefits. Other transfer payments.. | 25.1 | 26.7 | 26.7 | 27.7 | 28.5 | 29.3 | 30.0 |
|  | 407.4 | 447.6 | 452.6 | 462.4 | 481.0 | 489.8 | 498.7 |
| Other transfer payments. Family assistance Other. $\qquad$ | 18.3 | 19.2 | 19.3 | 19.4 | 19.3 | 19.3 | 19.3 |
|  | 389.2 | 428.3 | 433.3 | 443.0 | 461.7 | 470.4 | 479.4 |
| Less: Personal contributions for social insurance $\qquad$ | 358.4 | 372.3 | 373.1 | 372.7 | 380.5 | 383.5 | 386.9 |
| Less: Personal tax and nontax payments | 1,286.4 | 1,292.1 | 1,181.9 | 1,309.7 | 1,136.8 | 1,127.2 | 1,118.0 |
| Equals: Disposable personal income $\qquad$ | 7,120.2 | 7,393.2 | 7,524.2 | 7,391.2 | 7,666.7 | 7,786.6 | 7,874.4 |
| Less: Personal outlays... Personal consumption expenditures. | 6,918.6 | 7,223.5 | 7,222.0 | 7,329.6 | 7,396.3 | 7,477.9 | 7,584.4 |
|  | 6,683.7 | 6,987.0 | 6,983.7 | 7,099.9 | 7,174.2 | 7,254.7 | 7,364.3 |
| Interest paid by persons....... | 205.4 | 205.4 | 206.5 | 199.1 | 190.6 | 191.3 | 187.8 |
| Personal transfer payments to the rest of the worid (net) $\qquad$ | 29.5 | 37.1 | 31.8 | 30.6 | 31.5 | 31.9 | 32.2 |
| Equals: Personal saving ........ | 201.5 | 169.7 | 302.2 | 61.5 | 270.4 | 308.7 | 290.0 |
| Addenda: |  |  |  |  |  |  |  |
| Disposable personal income: Total, billions of chained (1996) dollars $\qquad$ |  |  |  |  |  |  |  |
|  | 6,630.3 | 6,748.0 | 6,864.0 | 6,729.1 | 6,961. | 7,022. | 7,068.7 |
| Per capita: |  | 6,748.0 | 6,864.0 | 6,729.1 | 6,961.0 |  | 7,068.7 |
| Current dollars.. | 25,237 | 25,957 | 26,387 | 25,853 | 26,759 | 27,124 | 27,364 |
| Chaired (1996) dollars | 23,501 | 23,692 | 24,071 | 23,537 | 24,296 | 24,461 | 24,564 |
| Population (mid-period, millions).................. | 282.1 | 284.8 | 285.2 | 285.9 | 286.5 | 287.1 | 287.8 |
| Personal saving as a percentage of disposable personal income. | 2.8 | 2.3 | 4.0 | . 8 | 3.5 | 4.0 | 3.7 |

1. Consists of aid to families with dependent children and, beginning with 1996, assistance programs operating under the Personal Responsibility and Work Opportunity Reconciliation Act of 1996.
2. Equals disposable personal income deflated by the implicit price deflator for personal consumption expenditures.
Note.Percent changes from preceding period for disposable personal income are shown in table 8.1. Effective with this release, the estimates of population beginning with 1990 are revised to reflect the intercensal population estimates released in September 2002 by the Bureau of the Census.

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

|  | 2000 | 2001 | Seasonaily adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | 11 | III |
| Personal consumption expenditures | 6,683.7 | 6,987.0 | 6,983.7 | 7,099.9 | 7,174.2 | 7,254.7 | 7,364.3 |
| Durable goods. | 803.9 | 835.9 | 824.0 | 882.6 | 859.0 | 856.9 | 897.5 |
| Motor vehicles and parts..... | 336.6 | 361.3 | 351.0 | 399.5 | 365.8 | 362.1 | 400.2 |
| Furniture and household equipment $\qquad$ Other | 304.8 162.4 | 306.1 168.4 | 304.9 168.1 | 311.5 171.5 | 317.1 176.1 | 319.1 175.8 | 318.8 |
| Nondurable goods. | 1,972.9 | 2,041.3 | 2,044.3 | 2,044.4 | 2,085.1 | 2,108.2 | 2,118.4 |
| Food................ | 955.0 | 992.4 | 293.8 | 1,002.8 | 1,025.0 | 1,023.9 | 1,025.8 |
| Clothing and shoes. | 313.7 | 315.3 | 312.1 | 317.4 | 325.8 | 323.9 | 321.9 |
| Gasoline, fuet oil, and other energy goods. | 182.5 | 178.6 | 179.3 | 156.7 | 156.2 | 174.7 | 176.7 |
| Gasoline and oil.................. | 164.4 | 162.1 | 163.6 | 142.2 | 142.3 | 160.7 | 162.6 |
| Fuel oil and coal.............. | 18.1 | 16.5 | 15.7 | 14.5 | 13.9 | 14.0 | 14.1 |
| Other | 521.8 | 555.0 | 559.2 | 567.5 | 578.0 | 585.6 | 594.0 |
| Services | 3,906.9 | 4,109.9 | 4,115.4 | 4,172.9 | 4,230.1 | 4,289.5 | 4,348.5 |
| Housing........................... | 960.0 | 1,014.5 | 1,021.1 | 1,035.5 | 1,051.7 | 1,066.0 | 1,078.3 |
| Household operation.......... | 386.2 | 406.3 | 404.8 | 396.9 | 399.2 | 400.9 | 405.4 |
| Electricity and gas | 142.4 | 154.5 | 151.8 | 143.1 | 143.9 | 144.9 | 144.8 |
| Other household operation | 243.9 | 251.8 | 253.0 | 253.8 | 255.4 | 256.1 | 260.5 |
| Transportation................... | 267.8 | 271.4 | 270.1 | 269.0 | 273.3 | 275.6 | 275.5 |
| Medical care... | 991.8 | 1.072 .2 | 1,079.0 | 1,103.1 | 1,179.0 | 1,139.3 | 1,160.7 |
| Recreation.. | 255.5 | 271.9 | 271.7 | 276.6 | 279.0 | 283.8 | 285.7 |
| Other ................................. | 1,045.5 | 1,073.6 | 1,068.8 | 1,091.8 | 1,107.8 | 1,123.8 | 1,142.9 |
| Addenda: |  |  |  |  |  |  |  |
| Energy goods and services ' Personal consumption | 324.8 | 333.0 | 331.0 | 299.8 | 300.1 | 319.6 | 321.5 |
| expenditures less food and energy $\qquad$ | 5,403.9 | 5.661.6 | 5,658.9 | 5,797.3 | 5,849.1 | 5,911.1 | 6,017.0 |

1. Consists of gasoline, fuel oil, and other energy goods and of electricity and gas.

Table 2.3. Real Personal Consumption Expenditures by Major Type of Product
[Billions of chained (1996) dollars]

| Personal consumption expenditures | 6,223.9 | 6,377.2 | 6,370.9 | 6,464.0 | 6,513.8 | 6,542.4 | 6,610.8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Durable goods | 878.9 | 931.9 | 922.6 | 992.0 | 975.9 | 980.7 | 1,032.0 |
| Motor vehicles and parts | 338.4 | 361.9 | 352.8 | 400.4 | 370.0 | 369.1 | 407.1 |
| Furniture and household |  |  |  |  |  |  |  |
| equipment ...... | 374.0 | 398.0 | 399.5 | 413.6 | 428.2 | 435.2 | 440.9 |
| Other | 169.6 | 175.3 | 175.0 | 178.9 | 184.2 | 184.1 | 187.6 |
| Nondurable goods. | 1,833.8 | 1,869.8 | 1,868.3 | 1,885.0 | 1,921.4 | 1,920.9 | 1,927.2 |
| Food. | 879.0 | 887.0 | 884.3 | 887.1 | 901.4 | 899.2 | 898.8 |
| Clothing and shoes. | 329.4 | 337.7 | 337.1 | 344.8 | 355.8 | 355.1 | 356.2 |
| Gasoline, fuel oil, and other |  |  |  |  |  |  |  |
| energy goods................ | 149.7 | 151.2 | 151.9 | 153.4 | 157.2 | 156.5 | 156.2 |
| Gasoline and oil.. | 135.7 | 138.8 | 139.9 | 141.4 | 145.1 | 144.7 | 144.6 |
| Fuel oil and coal., | 14.0 | 12.6 | 12.2 | 12.2 | 12.4 510.1 | 12.1 | 11.9 |
| Other | 477.0 | 495.5 | 496.5 | 502.0 | 510.1 | 513.1 | 519.0 |
| Services | 3,524.5 | 3,594.9 | 3,597.5 | 3,616.6 | 3,642.2 | 3,666.2 | 3,686.9 |
| Housing. | 851.3 | 866.0 | 867.1 | 869.6 | 874.0 | 878.5 | 882.4 |
| Household operation | 377.8 | 382.6 | 381.9 | 377.7 | 381.3 | 382.9 | 383.7 |
| Electricity and gas | 137.0 | 134.5 | 132.4 | 130.2 | 133.5 | 133.6 | 133.4 |
| Other household operation | 240.5 | 248.2 | 249.9 | 247.8 | 248.0 | 249.5 | 250.6 |
| Transportation................... | 253.0 | 251.1 | 250.0 | 248.6 | 250.9 | 250.3 | 249.3 |
| Medical care.. | 900.1 | 938.3 | 944.3 | 954.9 | 963.4 | 974.7 | 984.7 |
| Recreation | 226.5 | 233.2 | 232.1 | 234.8 | 235.6 | 237.1 | 237.0 |
| Other. | 915.1 | 922.7 | 921.0 | 929.2 | 935.3 | 941.0 | 947.8 |
| Residual. | -16.7 | -23.6 | -23.2 | -31.5 | -34.1 | -34.9 | -40.5 |
| Addenda: |  |  |  |  |  |  |  |
| Energy goods and services ${ }^{1}$ | 286.4 | 285.6 | 284.3 | 283.6 | 290.7 | 290.1 | 289.6 |
| Personal consumption |  |  |  |  |  |  |  |
| expenditures less tood and energy $\qquad$ | 5,057.5 | 5,204.5 | 5,202.4 | 5,293.6 | 5,322.1 | 5,353.5 | 5,423.3 |

1. Consists of gasoline, fuel oil, and other energy goods and of electricity and gas.

NOTE. Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 urrent-dollar value of the corresponding series, divided by 100 . Because the formula for the chain-type quantit indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not addi-
ve. The residual line is the difference between the first line and the sum of the most detailed lines
Contributions to the percent change in real personal consumption expenditures are shown in table 8.3.
3. Government Current Receipts and Expenditures

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

|  | 2000 | 2001 | Seasonatly adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | 11 | III |
| Current receipts | 3,000.6 | 2,992.3 | 2,878.2 | 2,986.1 | 2,865.7 | 2,882.0 |  |
| Personal tax and nontax receipts | 1,286.4 | 1,292.1 | 1,181.9 | 1,309.7 | 1,136.8 | 1,127.2 | 1,118.0 |
| Corporate profits tax accruals. | 259.4 | 199.3 | 196.2 | 170.6 | 202.4 | 213.7 |  |
| Indirect business tax and nontax accruals | 753.6 | 774.8 | 772.7 | 779.9 | 786.2 | 795.1 | 807.9 |
| Contributions for social insurance ............................................................................ | 701.3 | 726.1 | 727.4 | 725.8 | 740.4 | 746.0 | 752.2 |
| Current expenditures | 2,775.8 | 2,951.6 | 2,976.1 | 2,994.9 | 3,067.3 | 3,117.4 | 3,132.3 |
| Consumption expenditures | 1,431.2 | 1,522.2 | 1,528.0 | 1,551.8 | 1,584.0 | 1,611.6 | 1,625.7 |
| Transfer payments (net). | 1,050.8 | 1,146.6 | 1,157.8 | 1,186.3 | 1,240.2 | 1,258.3 | 1,274.2 |
| To persons ............... | 1,037.3 | 1,137.0 | 1,148.9 | 1,171.0 | 1,217.4 | 1,247.7 | 1,262.9 |
| To the rest of the world (net)...................................................................................... | 13.6 | 9.6 | 8.9 | 15.3 | 22.8 | 10.6 | 11.3 |
| Net interest paid.......................................................................................................... | 260.1 | 236.0 | 231.6 | 219.9 | 206.6 | 212.8 | 203.8 |
| interest paid. | 363.6 | 341.1 | 336.8 | 326.1 | 312.7 | 319.5 | 312.2 |
| To persons and business | 280.6 | 260.4 | 257.8 | 250.2 | 238.7 | 244.9 | .............. |
| To the rest of the world. | 83.0 | 80.7 | 79.0 | 75.9 | 74.0 | 74.7 |  |
| Less: Interest received by government................................................................................ | 103.5 | 105.1 | 105.2 | 106.2 | 106.2 | 106.7 | 108.4 |
| Less: Dividends received by government......................................................................... | . 4 | 4 | . 4 | ${ }^{.} 4$ | ${ }^{4} 4$ | . 5 | . 5 |
| Subsidies less current surplus of government enterprises .................................................. | 34.1 | 47.3 | 59.1 | 37.5 | 37.0 | 35.1 | 29.1 |
| Subsidies......... | 44.1 | 55.3 | 66.6 | 46.1 | 46.4 | 46.0 | 46.5 |
| Less: Current surplus of government enterprises | 10.1 | 8.0 | 7.5 | 8.6 | 9.4 | 11.0 | 17.4 |
| Less: Wage accruals less disbursements.......................................................................... | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 |
| Current surplus or deficit (-), national income and product accounts............................ | 224.8 | 40.7 | -97.9 | -8.9 | -201.6 | -235.4 |  |
| Social insurance funds.. | 118.4 | 93.2 | 88.4 | 76.3 | 63.9 | 49.6 | 51.4 |
| Other.. | 106.4 | -52.5 | -186.3 | -85.1 | -265.5 | -284.9 |  |
| Addenda: |  |  |  |  |  |  |  |
| Net lending or net borrowing (-).................................................................................. | 142.2 | -46.9 | -171.9 | -105.6 | -305.6 | -336.0 |  |
| Current surplus or deficit ( - ), national income and product accounts. | 224.8 | 40.7 | -97.9 | -8.9 | -201.6 | -235.4 |  |
| Plus: Consumption of fixed capital | 210.9 | 222.4 | 227.9 | 224.2 | 226.5 | 228.6 | 230.6 |
| Plus: Capital transfers received (net). | 35.9 | 35.4 | 34.4 | 34.7 | 35.8 | 29.7 | 35.6 |
| Less: Gross investment .............. | 319.8 | 335.8 | 323.7 | 345.0 | 355.5 | 348.2 | 349.7 |
| Less: Net purchases of nonproduced assets ............................................................... | 9.6 | 9.6 | 12.6 | 10.6 | 10.8 | 10.6 | 11.4 |

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

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | 111 | IV | 1 | 11 | III |
| Current receipts............ $2,033.9$ $2,008.4$ $1,896.0$ $1,992.3$ $1,884.7$ $1,889.0$ |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| receipts .................. | 1,009.0 | 1,010.9 | 900.4 | 1,025.5 | 874.8 | 861.9 | 848.1 |
| Income taxes... | 999.0 | 1,000.3 | 889.8 | 1,015.1 | 864.8 | 852.3 | 839.1 |
| Nontaxes. | 10.0 | 10.6 | 10.6 | 10.4 | 10.0 | 9.6 | 9.1 |
| Corporate profits tax accruals. | 223.8 | 170.2 | 168.0 | 142.9 | 170.5 | 180.2 |  |
| Federal Reserve banks ........ | 25.3 | 27.1 | 26.6 | 24.3 | 22.7 | 23.2 |  |
| Other....................... | 198.5 | 143.2 | 141.4 | 118.6 | 147.8 | 157.0 |  |
|  |  |  |  |  |  |  |  |
| nontax accruals ........... | 109.1 | 110.3 | 109.5 | 107.3 | 108.4 | 110.2 | 112.6 |
| Excise taxes.............. | 67.3 | 66.3 | 65.9 | 64.9 | 68.4 | 69.9 | 69.9 |
| Customs duties .... | 21.1 | 20.6 | 19.9 | 19.9 | 18.8 | 19.4 | 22.4 |
| Nontaxes ................. | 20.7 | 23.4 | 23.6 | 22.5 | 21.2 | 20.9 | 20.2 |
| Contributions for social |  |  |  |  |  |  |  |
| insurance................. | 692.1 | 716.9 | 718.1 | 716.6 | 731.1 | 736.7 | 742.7 |
| Current expenditures ...... | 1,827.1 | 1,936.4 | 1,947.7 | 1,971.0 | 2,030.5 | 2,079.3 | 2,072.9 |
| Consumption expenditures ..... | 493.3 | 528.4 | 527.9 | 543.6 | 566.3 | 581.0 | 586.8 |
| Transfer payments (net)........ | 779.5 | 842.2 | 849.3 | 870.9 | 916.9 | 927.6 | 935.4 |
| To persons | 765.9 | 832.6 | 840.4 | 855.6 | 894.1 | 917.0 | 924.1 |
| Grants-in-aid to State and local 13.6 9.6 8.9 15.3 22.8 10.6 11.3 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| governments. | 247.5 | 277.4 | 271.4 | 289.4 | 292.3 | 309.6 | 305.0 |
| Net interest paid. | 263.0 | 238.1 | 233.6 | 221.6 | 208.5 | 214.9 | 205.7 |
| Interest paid. | 282.2 | 257.8 | 253.3 | 242.1 | 228.3 | 234.6 | 226.8 |
| To persons and business. | 199.2 | 177.2 | 174.3 | 166.2 | 154.2 | 159.9 | ....... |
| To the rest of the world.... | 83.0 | 80.7 | 79.0 | 75.9 | 74.0 | 74.7 | - |
| Less: interest received by | 19.3 | 19.7 | 19.7 | 20.5 | 19.8 | 19.7 | 21.1 |
| Subsidies less current surplus |  |  |  |  |  |  |  |
| of government enterprises .. | 43.8 | 50.3 | 65.5 | 45.5 | 46.6 | 46.3 | 40.0 |
|  |  |  |  |  |  |  |  |
| Less: Current surplus of government enterorises... | -1 |  |  | -24 | -17 | -7 | 5.0 |
| Less: Wage accruals less |  |  |  |  |  |  |  |
| disbursements. | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | 0 |
| Current surplus or deficit $(-)$, national income and product accounts.. | 206.9 | 72.0 | -51.7 | 21.3 |  | -190.3 |  |
| Social insurance funds........... | 118.3 | 93.3 | 88.5 | 76.4 | 64.1 | 49.7 | 51.5 |
| Other............................... | 88.6 | -21.3 | -140.2 | -55.1 | -209.9 | -240.0 |  |
| Addenda: |  |  |  |  |  |  |  |
| Net lending or net borrowing |  |  |  |  |  |  |  |
|  | 199.2 | 58.9 | -69.3 | 3.3 | -169.5 | -217.9 |  |
| Current surplus or deficit |  |  |  |  |  |  |  |
| $(-)$, national income and |  |  |  |  |  |  |  |
| Plus: Consumption of fixed capital | 95.9 | 98.7 | 99.0 | 99.7 | 100.6 | 101.3 | 102.2 |
| Plus: Capital transters |  |  |  |  |  |  |  |
| received (net) ............. | -8.0 | -12.9 | -14.7 | -14.3 | -18.3 | -21.8 | -16.8 |
| Less: Gross investment ... | 95.9 | 99.7 | 99.5 | 103.4 | 105.7 | 107.1 | 108.3 |
| Less: Net purchases of nonproduced assets..... | -. 3 | -. 7 | 2.3 | . 1 | . 2 | -. 1 | . 6 |

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

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | 11 | N | 1 | 11 | III |
| Current receipts | 1,214.2 | 1,261.3 | 1,253.6 | 1,283.2 | 1,273.3 | 1,302.5 | ....... |
| Personal tax and nontax |  |  |  |  |  |  |  |
| Income taxes. | 218.1 | 218.7 | 218.7 | 220.5 | 197.4 | 199.8 | 203.5 |
| Nontaxes...... | 39.0 | 41.9 | 42.3 | 43.1 | 43.9 | 44.7 | 45.5 |
| Other. | 20.4 | 20.6 | 20.6 | 20.7 | 20.7 | 20.7 | 20.8 |
| Indirect business tax and 30.6 29.1 20.2 27.7 32.0 33.5 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| nontax accruals................. | 644.5 | 664.4 | 663.2 | 672.5 | 677.8 | 684.9 | 695.3 |
| Sales taxes ..................... | 314.3 | 321.2 | 319.4 | 326.0 | 327.4 | 330.6 | 337.4 |
| Property taxes.... | 248.1 | 257.4 | 258.6 | 261.0 | 263.5 | 265.9 | 268.6 |
| Other........................... | 82.1 | 85.8 | 85.2 | 85.6 | 86.9 | 88.3 | 89.3 |
| Contributions for social <br> insurance <br> Federal grants-in-aid $\qquad$ | 9.2247.5 | 277.4 | 9.3271.4 | 9.2289.4 | 993292.3 | $\begin{array}{r} 9.4 \\ 309.6 \end{array}$ | 9.4305.0 |
|  |  |  |  |  |  |  |  |
| Current expenditures...... | 1,196.2 | 1,292.6 | 1,299.8 | 1,313.3 | 1,329.1 | 1,347.6 | 1,364.5 |
| Consumption expenditures. | $\begin{aligned} & 933.9 \\ & 271.3 \end{aligned}$ | $\begin{aligned} & 993.7 \\ & 304.4 \end{aligned}$ | 1,000.1 | 1,008.2 | 1,017.7 | 1,030.6 | 1,038.9 |
| Transfer payments to persons. |  |  | 308.5 | 315.4-1.8 | 323.4-1.9 | 330.7-2.0 | 338.8-1.9 |
| Net interest paid. | -2.8 | -2.1 | -23.5 |  |  |  |  |
| linterest paid....................iterest received by | 81.4 |  |  | 84.0 | 84.5 | 84.9 | -1.9 85.4 |
| government ............... | 84.2 | 85.4 | 85.5 | 85.7 | 86.4 | 87.0 | 87.3 |
| Less: Dividends received by government | . 4 | . 4 | . 4 | . 4 | . 4 | . 5 | . 5 |
| Subsidies less current surplus |  |  |  |  |  |  |  |
| of government enterprises .. | -9.7.4 | $\begin{array}{r} -3.1 \\ 7.8 \end{array}$ | -6.44.3 | -8.12.9 | $\begin{array}{r} -9.6 \\ 1.4 \end{array}$ | -11.2.5 | -10.91.6 |
| Subsidies ...................... |  |  |  |  |  |  |  |
| Less: Current surplus of government enterprises... | 10.2 | 10.9 | 10.6 | 11.0 | 11.0 | 11.7 | 12.5 |
| Less: Wage accruals less disbursements $\qquad$ | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 |
| Current surplus or deticit $(-)$, national income and product accounts.. |  |  |  |  |  |  |  |
| Social insurance funds............ | $\begin{array}{r} 18.0 \\ 17.0 \end{array}$ | $\begin{array}{r} -31.3 \\ -1 \\ -1.1 \end{array}$ | $\begin{array}{r}-46.2 \\ -.1 \\ \hline-1\end{array}$ | -30.2 -.2 | $\begin{array}{r} -55.8 \\ -.2 \\ -e_{i} \end{array}$ | $\begin{array}{r} -45.1 \\ -.1 \end{array}$ | -. 1 |
| Other ........................... | 17.8 | -31.2 | -46.1 | -30.0 | -55.6 | -45.0 | ........ |
| Addenda: ${ }^{\text {Net lending or net borrowing }}$ |  |  |  |  |  |  |  |
| Net lending or net borrowing | -56.9 | -105.8 | -102.7 | -108.8 | -136.1 | -118.1 |  |
| Current surplus or deticicit |  |  |  |  |  |  | $\ldots$ |
| $(-)$, national income and | 18.0 | -31.3 | -46.2 |  |  |  |  |
| plus: Consumption of |  |  |  | -30.2 | -55.8 | -45.1 | $\ldots .$. |
| fixed capital............ | 115.0 | 123.7 | 128.9 | 124.5 | 125.9 | 127.3 | 128.4 |
| Plus: Capital transfers |  |  |  |  |  |  |  |
| received (net)........... | 43.922.9 | $\begin{array}{r} 48.3 \\ 236.2 \end{array}$ | $\begin{array}{r} 49.2 \\ 224.2 \end{array}$ | $\begin{array}{r} 49.0 \\ 241.7 \end{array}$ | $\begin{array}{r} 54.1 \\ 249.7 \end{array}$ | $\begin{array}{r} 51.5 \\ 241.1 \end{array}$ | 224.4 |
| Less: Gross investment... |  |  |  |  |  |  |  |
| Less: Net purchases of nonproduced assets .... | 9.9 | 10.3 | 10.3 | 10.5 | 10.6 | 10.7 | 10.9 |

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


1. Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is inciuded in government consumption expenditures. 2. Consumption expenditures for durable goods excludes expenditures classified as investment, except for goods transferred to foreign countries by the Federal Government.
2. Compensation or government employees engaged in new own-account investment and related expenditures for goods and services are classified as investme
3. Consumption of fixed capital. or depreciation, is included in government consumption expenditures as a partial measure of the value of the services of general government fixed assets; use of depreciation assumes a zero net return on these assets.
4. Beginning with 2001, in accordance with the Consolidated Appropriations Act of 2001, includes compensa tion of employees of Indian tribal governments reclassified from the private sector.

Table 3.8. Real Government Consumption Expenditures and Gross Investment by Type
[Billions of chained (1996) dollars]


NOTE. Chained (1996) dollar series are calculated as the product of the.chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100 . Because the formula for the chain-type quantity dexes uses weights of more than one period, the corresponding chained-doliar estimates are usually not addilive. The residual line
See footnotes to table 3.7 .
Chain-type quantity indexes for the series in this table are shown in table 7.11.
Contributions to percent change in real government consumption expenditures and gross investment are shown in table 8.6.

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

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | II | III |
| National detense consumption expenditures and gross investment ${ }^{~}$ $\qquad$ | 374.9 | 399.9 | 400.3 | 412.8 | 431.7 | 442.1 | 449.0 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Consumption expenditures .... | 321.4 | 344.5 | 343.4 | 356.0 | 372.1 | 382.5 | 386.4 |
| Durable goods ${ }^{\text {2 }}$ A................ | 22.5 | 24.2 | 26.1 | 24.0 | 24.7 | 24.9 | 26.4 |
|  | 10.2 | 11.2 | 12.5 | 11.4 | 11.1 | 11.3 | 11.7 |
| Missiles ........................ | 2.3 | 2.5 | 2.5 | 2.1 | 2.6 | 2.5 | 3.1 |
| Ships ........................... | 1.3 | 1.2 | 1.3 | 1.1 | 1.3 | 1.3 | 1.51.0 |
| Vehicles........................ | 8 | 1.0 | 1.1 | 1.0 | 1.0 | 1.1 |  |
| Electronics... | 2.9 | 3.0 | 3.1 | 3.1 | 3.1 | 3.2 | 1.0 3.3 |
| Other durable goods ....... | 5.0 | 5.3 | 5.6 | 5.3 | 5.6 | 5.5 | 5.8 |
| Mondurable goods ............. | 10.4 | 10.5 | 10.5 | 11.3 | 10.9 | 11.7 | 12.0 |
| Petroleum products ......... | 4.1 | 4.0 | 4.3 | 3.6 | 3.8 | 4.3 | 4.7 |
| Ammunition.................. | 1.7 | 2.1 | 2.2 |  | 2.4 | 2.6 | 2.7 |
| Other nondurable goods.. | 4.6 | 4.4 | 4.0 | 5.6 | 4.7 | 4.8 | 4.6 |
| Services | 288.5 | 309.8 | 306.7 | 320.7 | 336.5 | 345.9 | 347.9 |
| Compensation of general government employees, except own-account |  |  |  |  |  |  |  |
| investment ${ }^{\text {a }}$................ | 138.3 | 143.7 | 143.9 | 143.9 | 152.7 | 155.0 | 156.1102.9 |
| Military...................... | 89.3 | 94.1 | 93.8 | 94.8 | 101.2 | 102.4 |  |
| Civilian..................... | 48.9 | 49.6 | 50.1 | 49.1 | 51.4 | 52.5 | 53.2 |
| Consumption of general government fixed |  |  |  |  |  |  |  |
| capital ${ }^{4}$...................... | 63.6 | 63.5 | 63.5 | 63.6 | 63.8 | $64.0$ | 64.2127.6 |
| Other services................ | 86.7 | 102.5 | 99.3 | 113.2 | 120.0 | 127.0 |  |
| Research and development | 22.5 | 29.6 | 27.4 | 34.6 | 37.5 | 40.9 | 39.029.1 |
| Installation support...... | 23.4 | 25.5 | $\begin{aligned} & 25.6 \\ & 11.0 \end{aligned}$ | 27.0 | 27.2 | 27.117.2 |  |
| Weapons support........ | 10.0 | 12.2 |  | 14.0 | 16.0 |  | 18.4 |
| Personnel support ....... | 23.6 | 28.0 | 27.8 | 30.2 | 32.2 | 34.2 | 35.9 |
| Transportation of material $\qquad$ | 4.8 | 4.9 | 5.0 | 5.1 | 4.8 | 4.9 | 5.04.0 |
| Travel of persons .......... | 4.2 | 4.2 | 4.3 | 4.3 | 4.0 | 4.0 |  |
| Other......................... | -1.9 | -2.0 | -1.7 | -1.9 | -1.7 | -1.3 | -3.9 |
| Gross investment ................. | 53.5 | 55.5 | 56.9 | 56.8 | 59.7 | 59.6 | 62.7 |
| Structures ........................ | 5.3 | 5.4 | 5.0 | 5.7 | 5.1 | 5.4 | 5.6 |
| Equipment and software .... | 48.2 | 50.0 | 51.9 | 51.1 | 54.6 | 54.2 | 57.0 |
| Aircraft......................... | 7.7 | 8.33.3 | 9.8 | 8.0 | 8.6 | 9.0 | 9.9 |
| Missiles ........................ | 2.5 |  | 3.06.9 | 3.07.3 | 3.6 | 3.1 | 2.88.9 |
| Ships ........................... | 6.6 | 7.2 |  |  | 2.1 | 8.5 |  |
| Vehicles........................ | 1.8 | 1.8 | 13.713.7 | 2.0 |  | 2.8 | 8.9 3.0 |
| Electronics and software. | 14.9 | 13.7 |  | 14.3 | 14.9 | 14.7 | 15.2 |
| Other equipment............. | 14.7 | 144.3 | 16.8 | 16.4 | 17.2 | 16.2 | 17.1 |
| Addendum: Compensation of general government employees ${ }^{3}$. | 138.8 |  |  |  |  |  |  |
|  |  |  | 144.4 | 144.6 | 153.6 | 155.9 | 157.1 |

1. Gross government investment consists of general government and government enterprise expenditures for ixed assets; inventory investment is included in government consumption expenditures
2. Consumption expenditures for durable goods excludes expenditures classified as investment, except for goods transferred to foreign countries.
3. Compensation of government employees engaged in new own-account investment and related expenditures for goods and services are classified as investment in structures and in software. The compensation of all genera overnment employees is shown in the addendum.
. consup of of cap or depe of on, is zero net return on these assets.

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

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | I | 11 | III |
| National defense consumption expenditures and gross investment '. $\qquad$ | 348.7 | 366.0 | 365.5 | 378.0 | 388.5 | 395.8 | 400.8 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Consumption expenditures .... | 294.1 | 308.9 | 307.2 | 319.1 | 326.7 | 333.9 | 336.0 |
| Durable goods ${ }^{\text {2 }}$................ | 22.7 | 24.3 | 26.3 | 24.2 | 24.8 | 24.9 | 26.6 |
| Aircraft......................... | 10.2 | 11.2 | 12.6 | 11.5 | 11.1 | 11.2 | 11.6 |
| Missiles ......................... | 2.4 | 2.5 | 2.5 | 2.1 | 2.6 | 2.6 | 3.1 |
| Ships ........................... | 1.3 | 1.2 | 1.3 | 1.1 | 1.3 | 1.3 | 1.5 |
| Vehicles ........................ | . 6 | . 8 | . 8 | . 8 | . 8 | . 8 | . 8 |
| Electronics.................... | 3.3 | 3.4 | 3.6 | 3.6 | 3.6 | 3.7 | 3.9 |
| Other durable goods........ | 5.0 | 5.2 | 5.6 | 5.3 | 5.6 | 5.5 | 5.8 |
| Nondurable geods ............. | 9.4 | 9.9 | 9.8 | 11.3 | 11.5 | 11.7 | 11.6 |
| Petroleum products......... | 3.1 | 3.4 | 3.6 | 3.7 | 4.6 | 4.4 | 4.5 |
| Ammunition.................. | 1.8 | 2.1 | 2.2 | 2.2 | 2.5 | 2.7 | 2.8 |
| Other nondurable goods.. | 4.4 | 4.2 | 3.9 | 5.3 | 4.4 | 4.5 | 4.3 |
| Services.......................... | 262.4 | 275.1 | 271.7 | 284.0 | 290.7 | 297.6 | 298.3 |
| Compensation of general government employees, |  |  |  |  |  |  |  |
| except own-account investment ${ }^{3}$ | 120.5 | 121.2 | 121.0 | 121.3 | 122.4 | 123.8 | 124.6 |
| Military .......................... | 79.4 | 80.7 | 80.2 | 81.4 | 83.0 | 84.0 | 84.4 |
| Civilian ...................... | 41.2 | 40.7 | 41.0 | 40.0 | 39.6 | 40.0 | 40.4 |
| Consumption of general government fixed |  |  |  |  |  |  |  |
| capital ${ }^{\text {. ...................... }}$ | 62.5 | 62.4 | 62.4 | 62.4 | 62.4 | 62.5 | 62.6 |
| Other services ............... | 79.6 | 91.7 | 88.5 | 100.6 | 106.2 | 111.6 | 111.3 |
| Research and development | 20.8 | 26.9 | 24.8 | 312 | 33.7 | 36.7 | 34.8 |
| Installation support...... | 22.1 | 23.4 | 23.4 | 24.7 | 24.8 | 24.5 | 25.9 |
| Weapons support......... | 9.0 | 10.7 | 9.7 | 12.2 | 13.9 | 14.9 | 16.0 |
| Personnel support ....... | 20.5 | 23.4 | 23.1 | 24.8 | 26.3 | 27.6 | 28.9 |
| Transportation of material | 4.6 | 4.6 | 4.6 | 4.7 | 4.5 | 4.5 | 4.5 |
| Travel of persons .......... | 4.1 | 4.1 | 4.1 | 4.2 | 3.8 | 3.8 | 3.9 |
| Other.......................... | -1.7 | -1.7 | -1.4 | -1.5 | -1.4 | -1.1 | -3.2 |
| Gross investment. | 54.8 | 57.3 | 58.7 | 59.0 | 62.2 | 62.2 | 65.4 |
| Structures ........................ | 4.6 | 4.6 | 4.2 | 4.7 | 4.2 | 4.5 | 4.6 |
| Equipment and software .... | 50.4 | 53.0 | 54.9 | 54.6 | 58.5 | 58.2 | 61.3 |
| Aircraft.......................... | 8.3 | 9.6 | 11.3 | 9.6 | 10.4 | 10.8 | 12.1 |
| Missiles ........................ | 2.6 | 3.5 | 3.2 | 3.2 | 3.9 | 3.4 | 3.1 |
| Ships ........................... | 6.5 | 7.1 | 6.8 | 7.3 | 8.1 | 8.4 | 8.7 |
| Vehicles ......................... | 1.9 | 1.9 | 1.8 | 2.1 | 2.2 | 2.9 | 3.2 |
| Electronics and software . | 16.6 | 15.3 | 15.4 | 16.1 | 16.9 | 16.7 | 17.4 |
| Other equipment............. | 14.6 | 15.5 | 16.5 | 16.1 | 17.0 | 15.9 | 16.8 |
| Residual.............................. | -1.0 | -. 7 | -1.7 | -. 8 | -1.3 | -. 9 | -1.6 |
| Addendum: |  |  |  |  |  |  |  |
| Compensation of general government employees ${ }^{3}$. | 120.9 | 121.7 | 121.4 | 121.8 | 123.1 | 124.5 | 125.3 |

Note. Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100 . Because the formula for the chain-type quantity dexes uses weights of more than one period, the corresponding chained-doliar estimates are usually not add ine in the addendum
Chain-type indexes for the series in this table are shown in table 7.12.
See tootnotes to table 3.10.
4. Foreign Transactions

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

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | 1 | III |
| Receipts from the rest ol the world. $\qquad$ | 1,484.5 | 1,351.1 | 1,307.8 | 1,240.0 | 1,242.2 | 1,294.1 |  |
| Exports of goods and services | 1,101.1 | 1,034.1 | 1,005.8 | 971.1 | 977.5 | 1,018.1 | 1,032.4 |
| Goods '.......................... | 785.0 | 733.5 | 708.5 | 687.7 | 679.8 | 709.4 | 722.0 |
| Durable....................... | 569.7 | 522.4 | 502.8 | 481.8 | 477.2 | 499.3 | 508.6 |
| Nondurable.................... | 215.4 | 211.2 | 205.7 | 205.8 | 202.6 | 210.0 | 213.5 |
| Services ':...................... | 316.1 | 300.6 | 297.3 | 283.4 | 297.7 | 308.8 | 310.3 |
| Income receipts ................... | 383.4 | 316.9 | 302.0 | 269.0 | 264.7 | 276.0 | ....... |
| Payments to the rest of the world | 1,484.5 | 1,351.1 | 1,307.8 | 1,240.0 | 1,242.2 | 1,294.1 |  |
| imports of goods and services | 1,466.6 | 1,383.0 | 1,318.4 | 1,315.6 | 1,337.5 | 1,443.7 | 1,469.7 |
| Goods '. | 1,243.1 | 1,167.2 | 1,140.6 | 1,098.3 | 1,102.3 | 1,202.9 | 1,225.5 |
| Durable......................... | 820.6 | 754.4 | 734.2 | 721.0 | 732.4 | 781.6 | 784.4 |
| Nondurable ................... | 422.5 | 412.8 | 406.3 | 371.3 | 369.9 | 421.3 | 441.2 |
| Services '........................ | 223.5 | 215.8 | 177.8 | 217.3 | 235.2 | 240.8 | 244.2 |
| Income payments ................ | 360.0 | 295.0 | 290.5 | 233.7 | 262.8 | 296.1 |  |
| Transfer payments (net).......... | 53.7 | 49.8 | 49.7 | 54.6 | 63.5 | 51.5 | 52.3 |
| From persons (net) ........... | 29.5 | $31: 1$ | 31.8 | 30.6 | 31.5 | 31.9 | 32.2 |
| From government (net) ...... | 13.6 | 9.6 | 8.9 | 15.3 | 22.8 | 10.6 | 11.3 |
| Frot foreign investment............. | 10.6 -395.8 | 9.1 -376.7 | 9.0 -350.8 | 8.8 -363.9 | -421.7 | 9.0 -497.2 | 8.8 |

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal
 from goods to services.

Table 4.2. Real Exports and Imports of Goods and Services and Receipts and Payments of Income
[Billions of chained (1996) dollars]

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | 11 | 111 |
| Exports of goods and services | 1,137.2 | 1,076.1 | 1,048.0 | 1,021.8 | 1,030.6 | 1,065.5 | 1,071.2 |
| Goods '........................... | 834.7 | 785.2 | 760.0 | 744.6 | 738.1 | 765.8 | 773.0 |
| Durable...................... | 607.8 | 558.3 | 538.1 | 517.3 | 512.3 | 536.3 | 545.6 |
| Nondurable ................... | 226.7 | 226.7 | 221.6 | 227.1 | 225.7 | 229.3 | 227.1 |
| Services '....................... | 304.1 | 292.0 | 288.7 | 278.2 | 292.2 | 299.7 | 298.5 |
| Income receipts .................. | 359.0 | 292.0 | 278.1 | 247.4 | 242.8 | 251.8 |  |
| Imports of goods and services | 1,536.0 | 1,492.0 | 1,467.0 | 1,447.2 | 1,477.1 | 1,552.9 | 1,562.4 |
| Goods : | 1,313.7 | 1,270.5 | 1,249.2 | 1,238.7 | 1,250.0 | 1,329.2 | 1,343.9 |
| Durable....................... | 924.1 | 865.6 | 845.9 | 838.2 | 856.0 | 912.5 | 916.2 |
| Nondurable................... | 391.6 | 402.3 | 399.9 | 397.1 | 391.5 | 414.3 | 424.2 |
| Services '........................ | 223.6 | 222.4 | 218.6 | 208.9 | 225.5 | 224.3 | 220.2 |
| Income payments................ | 333.6 | 269.2 | 264.9 | 213.1 | 239.2 | 268.2 | ........... |

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services. Beginning with 1986, reparrs and alterations of equipment are reclassified om goods to services.
Note. Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100 . Because the formula for the chain -ype quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not addi-
Chain-type quantity indexes for the series in this table are shown in table 7.9 .

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

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | 11 | III |
| Exports of goods and services. | 1,101.1 | 1,034.1 | 1,005.8 | 971.1 | 977.5 | 1,018.1 | 1,032.4 |
| Exports of goods ' | 785.0 | 733.5 | 708.5 | 687.7 | 679.8 | 709.4 | 722.0 |
| Foods, feeds, and beverages Industrial supplies and | 47.9 | 49.4 | 48.8 | 49.7 | 49.7 | 48.6 | 49.5 |
| materials................ | 166.6 | 155.3 | 150.8 | 147.2 | 144.9 | 155.6 | 156.1 |
| Durable goods ............... | 63.6 | 57.1 | 55.2 | 53.6 | 53.5 | 57.2 | 56.7 |
| Nondurable goods ........... | 103.0 | 98.2 | 95.6 | 93.6 | 91.3 | 98.4 | 99.4 |
| Capital goods, except |  |  |  |  |  |  |  |
| automotive.................... | 357.0 | 321.7 | 304.6 | 288.7 | 284.4 | 294.1 | 299.9 |
| Civilian aircraft, engines, <br> and parts $\qquad$ | 48.1 | 52.6 | 52.6 | 48.1 | 49.4 | 50.2 | 55.6 |
| Computers, peripherals, <br> and parts | 55.5 | 47.6 | 44.4 | 41.8 1989 | 39.0 | 38.6 | 37.7 |
| Other panc..................... | 253.4 | 221.6 | 207.6 | 198.9 | 196.0 | 205.4 | 206.7 |
| Automotive vehicles, engines, and parts $\qquad$ Consumer goods, except | 80.4 | 75.4 | 77.1 | 74.3 | 73.8 | 80.4 | 82.9 |
| automotive.............. | 89.4 | 88.3 | 85.5 | 84.5 | 82.2 | 84.2 | 86.4 |
| Durable goods ............... | 46.8 | 46.5 | 45.0 | 43.6 | 43.1 | 44.3 | 45.4 |
| Nondurable goods ........... | 42.6 | 41.9 | 40.6 | 40.9 | 39.2 | 39.9 | 41.0 |
| Other ............................... | 43.8 | 43.3 | 41.6 | 43.3 | 44.8 | 46.4 | 47.2 |
| Exports of services ' | 316.1 | 300.6 | 297.3 | 283.4 | 297.7 | 308.8 | 310.3 |
| Transfers under U.S. military agency sales contracts .... | 12.8 | 11.2 | 11.3 | 11.6 | 11.1 | 11.6 | 10.8 |
| Travel............................... | 82.3 | 73.1 | 71.4 | 58.9 | 68.7 | 69.3 | 69.3 |
| Passenger fares................. | 20.8 | 18.0 | 18.1 | 14.5 | 16.7 | 16.8 | 17.0 |
| Other transportation.......... | 30.1 | 28.3 | 27.9 | 26.7 | 26.9 | 27.7 | 27.4 |
| Royalties and license fees ... | 39.6 | 38.7 | 38.1 | 38.7 | 40.4 | 42.6 | 42.8 |
| Other private services.......... | 104.7 | 108.1 | 107.5 | 110.2 | 110.5 | 115.9 | 117.4 |
| Other ............................... | 25.9 | 23.2 | 22.9 | 22.7 | 23.5 | 24.7 | 25.5 |
| Imports of goods and services. | 1,466.6 | 1,383.0 | 1,318.4 | 1,315.6 | 1,337.5 | 1,443.7 | 1,469.7 |
| Imports of goods '................. | 1,243.1 | 1,167.2 | 1,140.6 | 1,098.3 | 1,102.3 | 1,202.9 | 1,225.5 |
| Foods, feeds, and beverages | 46.0 | 46.6 | 47.7 | 47.1 | 47.5 | 49.4 | 51.0 |
| Industrial supplies and materials, except |  |  |  |  |  |  |  |
| petroleum and products .. | 172.8 | 164.8 | 156.7 | 149.0 | 149.5 | 159.0 | 163.5 |
| Durable goods ................ | 88.4 | 80.0 | 78.3 | 75.9 | 77.5 | 79.5 | 82.1 |
| Nondurable goods .......... | 84.4 | 84.8 | 78.4 | 73.1 | 71.9 | 79.5 | 81.5 |
| Petroleum and products ...... | 120.2 | 103.6 | 102.5 | 81.0 | 76.7 | 108.1 | 113.3 |
| Capital goods, except | 347.0 | 298.0 | 279.7 | 272.3 | 277.4 | 288.4 | 287.9 |
| automotive. | 347.0 | 298.0 |  |  | 277.4 | 288.4 | 287.9 |
| and parts | 26.4 | 31.4 | 30.8 | 32.5 | 29.0 | 24.9 | 21.6 |
| Computers, peripherals, and parts. | 89.8 | 74.0 | 68.7 | 68.5 | 75.6 | 76.6 | 75.6 |
| Other ............................. | 230.9 | 192.6 | 180.3 | 171.3 | 172.7 | 186.9 | 190.7 |
| Automotive vehicles, engines, and parts $\qquad$ | 195.9 | 189.8 | 191.8 | 187.5 | 190.4 | 207.5 | 206.6 |
| Consumer goods, except |  |  |  |  |  |  |  |
| automotive..................... | 282.0 | 284.5 | 281.9 | 278.6 | 285.4 | 307.2 | 317.6 |
| Durable goods ................ | 149.6 | 146.7 | 144.3 | 143.9 | 149.4 | 164.5 | 165.0 |
| Nondurable goods .......... | 132.4 | 137.8 | 137.6 | 134.8 | 136.0 | 142.7 | 152.6 |
| Other ............................... | 79.2 | 79.9 | 80.3 | 82.8 | 75.4 | 83.2 | 85.6 |
| Imports of services '.. | 223.5 | 215.8 | 177.8 | 217.3 | 235.2 | 240.8 | 244.2 |
| Direct defense expenditures | 13.6 | 15.2 | 15.1 | 17.4 | 17.4 | 18.4 | 19.0 |
| Travel............................... | 64.8 | 60.1 | 57.9 | 51.8 | 58.8 | 59.2 | 59.9 |
| Passenger fares.................. | 24.3 | 22.4 | 23.8 | 17.8 | 20.5 | 20.6 | 21.6 |
| Other transportation........... | 41.6 | 38.8 | 36.7 | 36.0 | 36.1 | 39.6 | 39.4 |
| Royalties and license fees ... | 16.1 | 16.4 | 16.5 | 16.4 | 18.9 | 18.0 | 17.3 |
| Other private services......... | 55.3 | 54.6 | 19.5 | 69.5 | 74.9 | 76.4 | 78.1 |
| Other ............................... | 7.9 | 8.3 | 8.4 | 8.4 | 8.6 | 8.6 | 8.7 |
| Addenda: <br> Exports of agricultural goods ? $\qquad$ <br> Exports of nonagricultural goods $\qquad$ <br> Imports of nonpetroleum goods $\qquad$ |  |  |  |  |  |  |  |
|  | 52.8 | 54.9 | 54.6 | 55.8 | 55.1 | 54.1 | 53.3 |
|  | 732.2 | 678.6 | 653.9 | 631.8 | 624.7 | 655.3 | 668.8 |
|  | 1,122.9 | 1,063.6 | 1,038.0 | 1,017.3 | 1,025.6 | 1,094.7 | 1,112.3 |

1. Exports and imports of certain goods, primarily military equipment purchased and soid by the Federal Government, are included in services. Beginning with 1986, repairs and alterations of equipment are reclassified rom goods to services.
2. Includes parts of foods, feeds, and

Table 4.4. Real Exports and Imports of Goods and Services by Type of Product
[Billions of chained (1996) dollars]

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | N | 1 | 11 | III |
| Exports of goods and services. | 1,137.2 | 1,076.1 | 1,048.0 | 1,021.8 | 1,030.6 | 1,065.5 | 1,071.2 |
| Exports of goods ' | 834.7 | 785.2 | 760.0 | 744.6 | 738.1 | 765.8 | 773.0 |
| Foods, feeds, and beverages industrial supplies and | 60.5 | 62.3 | 60.6 | 63.1 | 63.4 | 61.3 | 59.4 |
| materials $\qquad$ <br> Durable goods | 168.7 | 162.2 | 158.9 | 159.8 | 158.5 | 165.8 | 163.0 |
|  | 67.5 | 61.7 | 59.7 | 58.6 | 58.5 | 62.0 | 60.8 |
| Nondurable goods Capital goods, except | 101.3 | 100.4 | 99.1 | 101.0 | 99.8 | 103.6 | 102.1 |
|  | 394.7 | 355.8 | 337.7 | 320.9 | 316.0 | 327.7 | 334.7 |
| Civilian aircraft, engines, and parts. | 43.2 | 44.8 | 44.5 | 40.4 | 41.2 | 41.7 | 45.9 |
| Computers, peripherals, and parts | 85.3 | 75.4 | 71.1 | 67.7 | 63.9 | 63.8 | 63.5 |
| Other | 271.5 | 238.6 | 224.3 | 215.4 | 212.2 | 222.9 | 224.4 |
| Consumer goods, except | 78.5 | 73.4 | 75.0 | 72.3 | 71.7 | 78.1 | 80.3 |
|  | 88.7 | 87.9 | 85.2 | 83.9 | 82.3 | 84.5 | 86.4 |
| Durable goods ............... | 46.4 | 46.0 | 44.6 | 43.1 | 42.7 | 44.2 | 45.2 |
| Nondurable goods .......... | 42.2 | 41.9 | 40.6 | 40.8 | 39.6 | 40.3 | 41.2 |
| Other. | 44.8 | 44.5 | 42.8 | 44.9 | 46.6 | 47.9 | 48.2 |
| Exports of services <br> Transfers under U.S. military agency sales contracts | 304.1 | 292.0 | 288.7 | 278.2 | 292.2 | 299.7 | 298.5 |
|  | 12.9 | 11.5 | 11.6 | 12.1 | 11.6 | 12.7 | 11.3 |
| Travel ........................... | 74.0 | 65.5 | 64.0 | 53.9 | 62.9 | 62.7 | 62.8 |
| Passenger fares................. | 18.8 | ${ }^{17.0}$ | 26.1 | 25.6 | 15.8 | 15.8 | 14.9 25.5 |
| Royalties and license fees ... Other private services | 37.0 | 35.6 | 35.1 | 35.5 | 37.0 | 38.8 | 38.9 |
|  | 111.5 | 119.1 | 118.7 | 122.3 | 121.8 | 126.4 | 126.7 |
| Other private services ......... Other | 21.5 | 19.3 | 18.9 | 19.0 | 19.8 | 20.9 | 21.6 |
| Residual $\qquad$ <br> Imports of goods and services $\qquad$ | -8.7 | -7.5 | -5.7 | -7.6 | -4.1 | -3.2 | -1.5 |
|  | 1,536.0 | 1,492.0 | 1,467.0 | 1,447.2 | 1,477.1 | 1,552.9 | 1,562.4 |
| Imports of goods '............... | 1,313.7 | 1,270.5 | 1,249.2 | 1,238.7 | 1,250.0 | 1,329.2 | 1,343.9 |
| Foods, feeds, and beverages Industrial supplies and | 49.4 | 51.7 | 53.6 | 52.6 | 53.2 | 54.6 | 55.6 |
|  | materials, except |  |  |  |  |  |  |
| petroleum and products .. | 167.1 | 160.9 | 159.1 | 158.5 | 160.8 | 165.1 | 169.1 |
| Durable goods .............. | 86.3 | 81.0 | 79.6 | 80.7 | 82.7 | 83.3 | 85.8 |
| Nondurable goods... | 80.7 | 79.7 | 79.3 | 77.7 | 78.0 | 81.6 | 83.1 |
| Petroleum and products..... | 86.2 | 89.2 | 85.9 | 86.7 | 82.3 | 88.6 | 86.6 |
| Capital goods, except automotive .......... | 452.2 | 400.0 | 377.9 | 371.5 | 382.1 | 398.2 | 398.1 |
| Civilian aircraft, engines, |  |  |  |  |  |  |  |
| cand parts..................... | 23.9 | 27.3 | 26.7 | 28.1 | 25.0 | 21.4 | 18.4 |
| Computers, peripherals, and parts $\qquad$ | 152.6 | 138.4 | 131.3 | 135.8 | 150.9 | 153.0 | 153.0 |
| Other Automotive vehicles. | 279.8 | 236.6 | 221.9 | 211.3 | 215.9 | 234.5 | 238.8 |
| Automotive venicles. engines, and parts. | 192.5 | 186.7 | 189.1 | 184.2 | 187.3 | 203.8 | 202.7 |
| Consumer goods, exceptautomotive |  |  |  |  |  |  |  |
|  | 293.9 | 298.9 | 296.4 | 294.2 | 302.4 | 326.4 | 337.2 |
| Durable goods ................. | 160.8 | 159.6 | 157.2 | 157.8 | 164.6 | 181.7 | 182.6 |
| Nondurable goods .......... | 133.5 | 139.4 | 139.2 | 136.6 | 138.1 | 145.4 | 154.9 |
|  | 78.8 | 79.8 | 80.8 | 83.6 | 76.4 | 84.0 | 86.2 |
| Imports of services ' $\qquad$ Direct defense expenditures | 223.6 | 222.4 | 218.6 | 208.9 | 225.5 | 224.3 | 220.2 |
|  | 15.5 | 17.5 | 17.3 | 20.2 | 21.0 | 21.0 | 20.2 |
| Travel ............................ | 67.0 | 63.5 | 61.0 | 54.7 | 63.1 | 60.9 | 58.6 |
| Passenger fares................ | 20.9 | 17.7 | 18.1 | 13.9 | 16.0 | 15.7 | 15.4 |
| Other transportation........... | 35.4 | 33.6 | 31.7 | 32.5 | 33.1 | 35.9 | 35.1 |
| Royalties and license fees ... | 15.1 | 15.0 | 15.1 | 15.1 | 17.3 | 16.4 | 15.7 |
| Other private services .......... | 62.6 | 69.8 | 71.0 | 66.7 | 69.0 | 68.4 | 69.1 |
|  | 7.6 | 8.0 | 8.1 | 8.2 | 8.4 | 8.2 | 8.2 |
| Residual................... | -12.6 | -2.5 | . 1 | 8 | -5.2 | -5.5 | -7.6 |
| Addenda: |  |  |  |  |  |  |  |
| goods : | 68.3 | 70.5 | 68.9 | 72.7 | 72.3 | 70.3 | 65.5 |
| Exports of nonagricultural goods | 765.4 | 714.9 | 691.4 | 673.1 | 667.1 | 696.0 | 707.0 |
| Imports of nonpetroleum goods |  |  |  |  |  |  |  |
|  | 1,225.5 | 1,177.1 | 1,159.7 | 1,148.1 | 1,164.1 | 1,236.5 | 1,254.5 |

[^19]
## 5. Saving and Investment

Table 5.1. Gross Saving and Investment
[Billions of dollars]

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | I | II | III |
| Gross saving | 1,807.9 | 1,662.4 | 1,665.6 | 1,614.4 | 1,603.2 | 1,603.6 |  |
| Gross private saving | 1,372.1 | 1,399.3 | 1,535.6 | 1,399.0 | 1,578.3 | 1,610.4 |  |
| Personal saving ..................................................................................................... | 201.5 | 169.7 | 302.2 | 61.5 | 270.4 | 308.7 | 290.0 |
| Undistributed corporate profits with inventory valuation and capital consumption adjustments | 152.6 | 122.7 | 79.5 | 223.0 | 171.0 | 140.5 | ............. |
| Undistributed profits.............................................................................................. | 146.8 | 61.2 | 46.7 | 10.8 | 12.8 | 13.5 | ............. |
| Inventory valuation adjustment ................................................................................ | -15.0 | 5.0 | 8.9 | 27.2 | 1.9 | -5.7 |  |
| Capital consumption adjustment. | 20.8 | 56.5 | 23.9 | 185.1 | 156.3 | 132.8 | 116.7 |
| Corporate consumption of fixed capital........................................................................ | 721.1 | 789.1 | 835.6 | 792.6 | 808.3 | 826.1 | 837.0 |
| Noncorporate consumption of fixed capital. Wage accruals less disbursements | 296.8 .0 | 317.7 .0 | 318.2 .0 | 321.9 .0 | 328.6 .0 | 335.1 .0 | 339.1 .0 |
| Gross government saving ............................................................................................. | 435.8 | 263.1 | 130.0 | 215.3 | 24.9 | -6.8 |  |
|  | 302.8 | 170.7 | 47.3 | 121.1 | -45.2 | -89.0 |  |
| Consumption of fixed capital................................................................................... | 95.9 | 98.7 | 99.0 | 99.7 | 100.6 | 101.3 | 102.2 |
| Current surplus or deficit (-), national income and product accounts............................... | 206.9 | 72.0 | -51.7 | 21.3 | -145.8 | -190.3 |  |
| State and local.......................................................................................................... | 133.0 | 92.4 | 82.7 | 94.3 | 70.1 | 82.2 |  |
| Consumption of fixed capital .................................................................................... | 115.0 | 123.7 | 128.9 | 124.5 | 125.9 | 127.3 | 128.4 |
| Current surplus or deficit ( - , national income and product accounts............................... | 18.0 | -31.3 | -46.2 | -30.2 | -55.8 | -45.1 |  |
| Gross investment.................................................................................................. | 1,679.4 | 1,545.1 | 1,547.8 | 1,481.8 | 1,493.2 | 1,439.0 |  |
| Gross private domestic investment.................................................................................. | 1,755.4 | 1,586.0 | 1,574.9 | 1,500.7 | 1,559.4 | 1,588.0 | 1,583.6 |
| Gross government investment....................................................................................... | 319.8 | 335.8 | 323.7 | 345.0 | 355.5 | 348.2 | 349.7 |
| Net foreign investment................................................................................................ | -395.8 | -376.7 | -350.8 | -363.9 | -421.7 | -497.2 | ............. |
| Statistical discrepancy .......................................................................................... | -128.5 | -117.3 | -117.8 | -132.6 | -110.0 | -164.6 | ............. |
| Addendum: <br> Gross saving as a percentage of gross national product $\qquad$ | 18.4 | 16.5 | 16.5 | 15.8 | 15.5 | 15.5 | ......... |

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

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | 11 | III |
| Private fixed investment. | 1,691.8 | 1,646.3 | 1,635.5 | 1,597.2 | 1,589.4 | 1,584.6 | 1,583.3 |
| Nonresidential. | 1,265.8 | 1,201.6 | 1,188.1 | 1,149.8 | 1,126.8 | 1,115.8 | 1,114.9 |
| Structures. | 314.2 | 324.5 | 332.0 | 302.3 | 288.3 | 275.2 | 263.9 |
| Nonresidential buildings, including farm | 223.9 | 216.3 | 211.5 | 200.4 | 192.4 | 182.3 | 171.4 |
| Uutilities ......................... | 53.7 | 55.0 | 54.6 | 54.4 | 56.3 | 53.9 | 54.4 |
| Mining exploration, shafts, and wells.. | $\stackrel{29.2}{7}$ | 42.7 105 | 45.1 | $\begin{array}{r}40.4 \\ 7 \\ \hline\end{array}$ | 32.3 73 | ${ }_{7}^{31.7}$ | 31.5 6 |
| Other structures ............. | 7.4 | 10.5 | 20.7 | 7.2 | 7.3 | 7.3 | 6.6 |
| Equipment and software .... Information processing | 951.6 | 877.1 | 856.1 | 847.4 | 838.5 | 840.7 | 851.0 |
| equipment and software Computers and | 446.9 | 404.3 | 390.7 | 385.5 | 388.7 | 397.1 | 406.9 |
| peripheral <br> equipment | 93.3 | 74.2 | 67.6 | 69.3 | 71.9 | 72.8 | 77.4 |
| Sottware ${ }^{2}$................... | 179.4 | 180.4 | 178.7 | 178.9 | 177.2 | 181.0 | 185.8 |
| Other..................... | 174.2 | 149.8 | 144.5 | 137.3 | 139.6 | 143.3 | 143.7 |
| Industrial equipment.... | 164.9 | 159.0 | 154.3 | 149.8 | 153.4 | 150.5 | 154.0 |
| Transportation equipment | 189.7 | 165.8 | 162.7 | 168.3 | 154.1 | 145.2 | 140.8 |
| Other .......................... | 150.1 | 148.0 | 148.4 | 143.8 | 142.3 | 148.0 | 149.2 |
| Residential....................... | 426.0 | 444.8 | 447.4 | 447.4 | 462.6 | 468.7 | 468.4 |
| Structures | 416.8 | 435.4 | 438.1 | 438.0 | 453.0 | 459.2 | 458.9 |
| Single family................. | 220.7 | 232.1 | 234.4 | 234.3 | 241.1 | 244.3 | 243.9 |
| Mutitiamily................... | 28.3 | 30.7 | 30.5 | 31.8 | 34.2 | 34.2 | 34.3 |
| Other structures ............. | 167.9 | 172.7 | 173.2 | 171.9 | 177.7 | 180.7 | 180.7 |
| Equipment ........................ | 9.3 | 9.3 | 9.3 | 9.4 | 9.5 | 9.6 | 9.5 |

1. Includes new computers and peripheral equipment only.
2. Excludes software "embedded," or bundied, in computers and other equipment.

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

|  | 2000 | 2001 | Seasonaily adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | I | II | III |
| Private fixed investment | 1,697.9 | 1,627.4 | 1,615.7 | 1,578.4 | 1,576.4 | 1,572.6 | 1,573.4 |
| Nonresidential | 1,324.2 | 1,255.1 | 1,241.7 | 1,206.4 | 1,188.4 | 1,181.1 | 1,182.8 |
| Structures. | 275.5 | 270.9 | 276.3 | 252.7 | 243.2 | 231.7 | 221.8 |
| Nonresidential buildings, including farm. | 192.3 | 178.7 | 174.2 | 163.5 | 157.1 | 148.2 | 139.1 |
| Utilities ......................... | 50.4 | 50.3 | 49.7 | 49.3 | 50.8 | 48.4 | 48.3 |
| Mining exploration, shafts, and wells. $\qquad$ | 27.0 | 34.0 | 35.9 | 34.8 | 30.2 | 30.3 | 30.4 |
| Other structures ............. | 6.8 | 9.3 | 18.3 | 6.3 | 6.3 | 6.3 | 5.7 |
| Equipment and software .... <br> Information processing | 1,056.0 | 988.2 | 966.4 | 960.3 | 953.7 | 961.4 | 976.7 |
| equipment and software Computers and peripheral | 583.3 | 548.5 | 533.4 | 531.8 | 540.4 | 557.0 | 574.3 |
| equipment ' ............. | 246.4 | 239.9 | 224.5 | 243.3 | 262.1 | 271.6 | 299.9 |
| Software : ................... | 184.4 | 182.0 | 180.5 | 180.6 | 179.0 | 184.3 | 188.2 |
| Other........................ | 187.4 | 163.9 | 158.6 | 151.2 | 154.1 | 158.5 | 159.6 |
| Industrial equipment ....... | 160.8 | 153.8 | 149.2 | 144.7 | 148.3 | 145.6 | 148.5 |
| Transportation equipment | 186.6 | 163.6 | 160.0 | 165.4 | 151.5 | 143.4 | 140.6 |
| Other ............................ | 144.5 | 140.7 | 141.0 | 136.2 | 134.6 | 140.1 | 141.0 |
| Residential. | 372.4 | 373.5 | 374.3 | 371.0 | 383.6 | 386.1 | 385.4 |
| Structures ........................ | 363.0 | 364.0 | 365.0 | 361.5 | 373.9 | 376.4 | 375.7 |
| Single family.................. | 191.0 | 192.6 | 194.1 | 191.3 | 197.2 | 198.4 | 198.1 |
| Multifamily .................... | 23.0 | 24.4 | 24.3 | 25.1 | 27.0 | 26.8 | 26.9 |
| Other structures ............. | 149.1 | 146.9 | 146.5 | 145.1 | 149.6 | 151.0 | 150.6 |
| Equipment ....................... | 9.4 | 9.5 | 9.4 | 9.6 | 9.7 | 9.7 | 9.7 |
| Residual.............................. | -67.2 | -62.2 | -50.5 | -68.0 | -81.1 | -90.0 | -113.2 |

1. Includes new computers and peripheral equipment only. Because of rapid changes in relative prices, the chained-dollar estimates for computers are especially misleading as a measure of the contribution or relative importance of this component; accurate estimates of these contributions are shown in table 8.4.
2. Excludes software "embedded," or bundled, in computers and other equipment.

Note. Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100 . Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not addi-
ive. The residual line is the difference between the first line and the sum of the most detailed lines
Chain-type quantity indexes for the series in this table are shown in table 7.6.
Contributions to the percent change in real private fixed investment are shown in table 8.4.

Table 5.108. Change in Private Inventories by Industry
[Billions of dollars]

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | I | 11 | III |
| Change in private inventaries | $\begin{aligned} & 63.6 \\ & -2.2 \end{aligned}$ | $\begin{array}{r} -60.3 \\ 1.6 \end{array}$ | $\begin{gathered} -60.6 \\ 18 \end{gathered}$ | $\begin{array}{r} -96.5 \\ 3.0 \end{array}$ | $\begin{array}{r} -29.9 \\ 5.3 \end{array}$ | $\begin{array}{r}3.4 \\ .4 \\ \hline\end{array}$ | -3.4 |
| Construction, mining, and | -3.4 | $\begin{array}{r} 7.6 \\ -35.9 \end{array}$ | 6.1 | $\begin{array}{r} 4.7 \\ -39.6 \end{array}$ | $\begin{array}{r} 1.6 \\ -31.1 \end{array}$ | -1.1 | -2.6 |
| Manufacturing...................... | 16.6 |  | -43.3 |  |  | -14.2 |  |
| Durable goods industries .... | 15.31.3193 | -29.3 |  | -34.3 | -25.4 | -14.9 | -8.7 |
| Nondurable goods industries |  | -6.5 | -3.7 | -5.3-25.4 | -5.8-19.5 | -9.6 | .51.9 |
| Wholesale trade .................. |  | -15.6 | -24.0 |  |  |  |  |
| Durable goods industries.... | $\begin{aligned} & 19.3 \\ & 12.4 \end{aligned}$ | -19.7 | -24.9 | -26.6 | -16.2 | -7.4 | 6.2-4.3 |
| Nondurable goods industries | 7.1 | 4.0-20.7 | -3.4 | 1.3-41.5 | $\begin{array}{r}-3.3 \\ 13.8 \\ \\ \hline\end{array}$ | -1.6 |  |
| Retaii trade........................ | 21.911.7 |  |  |  |  |  | -4.3 9.8 |
| Motor vehicle dealers ....... |  | -15.5 | -1.1 | -34.7 | 13.9 | 15.4 | 8.0 |
| Food and beverage stores ... | -2 | . 6 | -. 4 | 1.3 | -2.2 | . 1 | . 3 |
| General merchandise stores | 1.1 | -. 5 | -2.2 | -3.3 | -4.5 | . 0 | 2.2 |
| Other retail stores............... | 9.3 | -5.3 | . 4 | $\begin{array}{r}-4.7 \\ \hline 2.3\end{array}$ | 6.7 | 6.8 | -7 |
| Other industries ..................... | 11.4 |  | 2.2 |  | . 0 | 5.1 |  |
| Addenda: |  |  |  |  |  |  |  |
| Change in private inventories | 63.6 | -60.3 | -60.6 | -96.5 | -29.9 | 3.4-4.8 | 5.7 |
| Durable goods industries. | 44.1 | -65.0 | -65.2 | -95.0 | -20.3 |  |  |
| Nondurable goods |  | $\begin{array}{r} 4.7 \\ -61.9 \end{array}$ | 4.7 | -1.5 | $-9.7$ | 8.230 |  |
| Nonfarm industries.... | $\begin{aligned} & 19.4 \\ & 65.8 \end{aligned}$ |  | -62.3 |  |  |  | -5.3 3.4 |
| Nonfarm change in book value $\qquad$ | 88.2 | -75.5 | -83.9 | -133.4 | -37.1 | 13.4 | 18.9 |
| Nonfarm inventory valuation adiustment ${ }^{2}$.. | -22.5 | 13.6-15.6 | 21.5-24.0 | 33.9-25.4 | 1.8-19.5 | -10.4-9.0 | -15.41.9.0 |
| Wholesale trade................ | 19.3 |  |  |  |  |  |  |
| Merchant wholesale trade | 16.2 | -12.6 | -17.1 | -21.9 | -16.2 | -8.4 |  |
| Durable goods industries | 9.8 | -16.8 | -18.8 | -23.2 | -14.2 | -7.1 | 4.0 |
| Nondurable goods | 6.4 | 4.2 |  | 1.3 | -2.1 | -1.3 |  |
| industries .......... |  |  | 1.7 |  |  |  | -3.9 |
| Nonmerchant wholesale trade ........................ | 3.0 | -3.1 | -6.9 | -3.5 | -3.3 | -. 6 | 1.9 |

1. This series is derived from the Census Bureau series "current cost inventories."
2. The inventory valuation adjustment (IVA) shown in this table differs from the IVA that adjusts business incomes. The IVA in this table reflects the mix of methods (such as first-in, first-out and last-in, first-out) underying inventories derived primarily from Census Bureau statistics (see footnote 1). This mix differs from that

Table 5.11B. Real Change in Private Inventories by Industry
[Billions of chained (1996) doilars]

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | 11 | III |
| Change in private inventories | 65.0 | -61.4 | -61.8 | -98.4 | -28.9 | 4.9 | 1.9 |
| Farm .................................. | -2.5 | 2.0 | 2.0 | 3.6 | 6.4 | . 8 | -3.0 |
| Construction, mining, and utilities $\qquad$ | -2.6 | 6.4 | 5.7 | 4.3 | 1.6 | -1.0 | -2.4 |
| Manufacturing....................... | 17.5 | -36.2 | -44.1 | -40.2 | -31.9 | -14.1 | -7.8 |
| Durable goods industries .... | 16.3 | -30.1 | -41.0 | -35.2 | -25.9 | -15.0 | -8.6 |
| Nondurable goods industries | 1.4 | -6.3 | -3.7 | -5.1 | -6.0 | . 8 | . 7 |
| Wholesale trade ................... | 19.9 | -16.5 | -25.1 | -26.8 | -19.8 | -8.7 | 2.9 |
| Durable goods industries .... | 12.8 | -21.8 | -27.5 | -29.9 | -17.0 | -7.7 | 7.0 |
| Nondurable goods industries | 7.1 | 4.3 | 1.2 | 1.9 | -3.2 | -1.3 | -3.5 |
| Retail trade.......................... | 21.6 | -20.3 | -3.3 | -40.6 | 13.8 | 22.0 | 9.7 |
| Motor vehicie dealers......... | 11.7 | -15.5 | -1.2 | -34.8 | 14.0 | 15.6 | 8.1 |
| Food and beverage stores ... | $-2$ | . 5 | -. 4 | 1.1 | -2.0 | . 1 | . 3 |
| General merchandise stores | 1.1 | -. 4 | -2.1 | -3.2 | -4.4 | 0 | 2.1 |
| Other retait stores............... | 9.2 | -5.2 | . 3 | -4.7 | 6.7 | 6.7 | -. 6 |
| Other industries .................... | 11.2 | 2.6 | 2.2 | 2.3 | . 0 | 5.0 | 2.5 |
| Residual.. | -. 5 | 2.1 | 2.7 | 1.3 | . 9 | . 9 | -. 7 |
| Adtenda: |  |  |  |  |  |  |  |
| Change in private inventories | 65.0 | -61.4 | -61.8 | -98.4 | -28.9 | 4.9 | 1.9 |
| Durable goods industries | 46.0 | -67.9 | -68.5 | -99.3 | -20.3 | -4.4 | 6.4 |
| Nondurable goods industries. $\qquad$ | 19.5 | 4.8 | 4.9 | -. 8 | -8.8 | 9.0 | -4.2 |
| Nonfarm industries .............. | 67.2 | -63.2 | -63.6 | -101.5 | -35.1 | 4.2 | 4.8 |
| Wholesale trade.. | 19.9 | -16.5 | -25.1 | -26.8 | -19.8 | -8.7 | 2.9 |
| Merchant whoiesale trade Durable goods | 16.8 | -13.3 | -17.9 | -23.3 | $-16.4$ | -8.2 | . 9 |
| industries | 10.3 | -18.7 | -20.7 | -26.1 | -14.8 | -7.5 | 4.5 |
| Nondurable goods industries $\qquad$ | 6.5 | 4.5 | 2.0 | 1.9 | -2.0 | -. 9 | -3.2 |
| Nonmerchant wholesale trade $\qquad$ | 3.1 | -3.2 | -7.1 | -3.6 | -3.4 | -. 6 | 2.0 |

NOTE. Estimates in this table are based on the North American Industry Classification System (NAICS). Chained (1996) dollar series for real change in private inventories are calculated as the period-to-period change in chained-dollar end-of-period inventories. Quarterly changes in end-of-period inventories are stated at annua sponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detaifed lines.

Table 5.12B. Private Inventories and Domestic Final Sales by Industry [Billions of dollars]

|  | Seasonally adjusted quarterly totals |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2001 |  | 2002 |  |  |
|  | III | IV | 1 | II | III |
| Private inventories '........................ | 1.475.5 | 1,430.1 | 1,429.4 | 1,438.1 | 1,441.9 |
| Farm. | 101.2 | 100.8 | 104.7 | 104.0 | 100.7 |
| Construction, mining, and utilities ............. | 39.8 | 39.3 | 39.5 | 41.9 | 40.6 |
| Manufacturing....................................... | 470.5 | 451.9 | 447.0 | 445.7 | 446.4 |
| Durable goods industries ...................... | 293.0 | 282.0 | 275.8 | 273.2 | 269.9 |
| Nondurable goods industries ................ | 177.4 | 170.0 | 171.2 | 172.5 | 176.5 |
| Wholesale trade .................................... | 349.3 | 337.3 | 334.5 | 335.1 | 339.7 |
| Durable goods industries ..................... | 206.4 | 198.5 | 194.5 | 193.6 | 195.2 |
| Nondurable goods industries ................ | 142.9 | 13888 | 140.0 | 141.6 | 144.6 |
| Retail trade........................................... | 401.8 | 388.9 | 392.4 | 398.0 | 400.3 |
| Motor vehicle dealers. | 127.9 | 118.3 | 121.1 | 124.5 | 125.8 |
| Food and beverage stores .................... | 33.3 | 33.5 | 33.1 | 32.9 | 33.0 |
| General merchandise stores .................. | 64.9 | 63.9 | 62.6 | 62.7 | 63.2 |
| Other retail stores............................... | 175.7 | 173.3 | 175.6 | 177.9 | 178.4 |
| Other industries ..................................... | 112.9 | 111.9 | 111.4 | 113.4 | 114.1 |
| Addenda: |  |  |  |  |  |
| Private inventories.. | 1,475.5 | 1,430.1 | 1,429.4 | 1,438.1 | 1,441.9 |
| Durable goods industries................... | 705.6 | 676.9 | 671.5 | 672.3 | 672.2 |
| Nondurable goods industries.............. | 769.9 | 753.2 | 757.9 | 765.8 | 769.8 |
| Nonfarm industries............................. | 1,374.3 | 1,329.4 | 1,324.7 | 1,334.1 | 1,341.2 |
| Wholesale trade.................................. | 349.3 | 337.3 | 334.5 | 335.1 | 339.7 |
| Merchant wholesale trade.................. | 299.5 | 290.3 | 287.4 | 287.5 | 291.1 |
| Durable goods industries ............... | 178.0 | 171.1 | 167.6 | 166.6 | 167.7 |
| Nondurable goods industries .......... | 121.5 | 119.3 | 119.9 | 120.9 | 123.4 |
| Nonmerchant wholesale trade ............ | 49.8 | 47.0 | 47.0 | 47.6 | 48.6 |
| Final sales of domestic business ${ }^{2}$.... | 712.1 | 718.5 | 723.8 | 724.7 | 732.4 |
| Final sales of goods and structures of domestic business ${ }^{2}$ $\qquad$ | 381.6 | 386.4 | 387.2 | 382.7 | 386.4 |
| Ratios of private inventories to final sales of domestic business: |  |  |  |  |  |
| Private inventories to final sales............. | 2.07 | 1.99 | 1.97 | 1.98 | 1.97 |
| Nonfarm inventories to final sales .......... | 1.93 | 1.85 | 1.83 | 1.84 | 1.83 |
| Nonfarm inventories to final sales of goods and structures. | 3.60 | 3.44 | 3.42 | 3.49 | 3.47 |

1. Inventories are as of the end of the quarter. The quarter-to-quarter change in inventories calculated from GOP The former is the difference between two inventory stocks, each valued at its respective end-of-quarter prices. The latter is the change in the physical volume of inventories valued at average prices of the quarter In addition, changes calculated from this table are at quarterly rates, whereas, the change in private inventories is stated at anntaal rates.
2. Quarterly totals at monthly rates. Final sales of domestic business equals final sales of domestic product les gross product of househodis and institutions and or general govermment, and it includes a small amount of tina
sales by farm and by government enterprises.
Nore. Estimates in this table are based on the North American Industry Classification System (NAICS).

Table 5.13B. Real Private Inventories and Real Domestic Final Sales by Industry
[Billions of chained (1996) dollars]

|  | Seasonally adiusted quarterly totals |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2001 |  | 2002 |  |  |
|  | III | IV | 1 | 11 | III |
| Private inventories ' | 1,483.3 | 1,458.7 | 1,451.5 | 1,452.7 | 1,453.2 |
| Farm. | 105.1 | 106.0 | 107.6 | 107.8 | 107.0 |
| Construction, mining, and utilities ............. | 38.9 | 40.0 | 40.4 | 40.2 | 39.5 |
| Manufacturing...................................... | 469.7 | 459.6 | 451.7 | 448.1 | 446.2 |
| Durable goods industries ..................... | 295.5 | 286.7 | 280.3 | 276.5 | 274.4 |
| Nondurable goods industries ................ | 174.1 | 172.8 | 171.3 | 171.5 | 171.6 |
| Wholesale trade .................................... | 364.3 | 357.6 | 352.6 | 350.4 | 351.2 |
| Durable goods industries ..................... | 224.8 | 217.3 | 213.1 | 211.2 | 212.9 |
| Nondurable goods industries ................ | 138.7 | 139.2 | 138.4 | 138.1 | 137.2 |
| Retail trade.. | 391.5 | 381.3 | 384.7 | 390.2 | 392.7 |
| Motor vehicle dealers ........................... | 127.6 | 118.9 | 122.4 | 126.3 | 128.3 |
| Food and beverage stores ..................... | 30.3 | 30.5 | 30.0 | 30.1 | 30.1 |
| General merchandise stores .................. | 62.9 | 62.1 | 61.1 | 61.1 | 61.6 |
| Other retail stores............................... | 170.6 | 169.4 | 171.1 | 172.8 | 172.7 |
| Other industries ..................................... | 111.8 | 112.4 | 112.4 | 113.7 | 114.3 |
| Residual... | 3.0 | 3.4 | 3.4 | 3.4 | 3.6 |
| Addenda: |  |  |  |  |  |
| Private inventories.............................. | 1,483.3 | 1,458.7 | 1,451.5 | 1,452.7 | 1,453.2 |
| Durable goods industries .................. | 726.4 | 701.6 | 696.5 | 695.4 | 697.0 |
| Nondurable goods industries ............. | 754.7 | 754.5 | 752.3 | 754.6 | 753.5 |
| Nonfarm industries ............................. | 1,377.2 | 1,351.8 | 1,343.1 | 1,344.1 | 1,345.3 |
| Wholesate trade.................................. | 364.3 | 357.6 | 352.6 | 350.4 | 351.2 |
| Merchant wholesale trade.................. | 314.3 | 308.5 | 304.4 | 302.3 | 302.5 |
| Durable goods industries ................ | 194.2 | 187.7 | 184.0 | 182.1 | 183.2 |
| Nondurable goods industries.......... | 119.5 | 119.9 | 119.4 | 119.2 | 118.4 |
| Nonmerchant wholesale trade ............ | 50.0 | 49.2 | 48.3 | 48.2 | 48.6 |
| Final sales of domestic business ${ }^{2}$..... | 654.1 | 661.4 | 665.3 | 664.6 | 670.2 |
| Final sales of goods and structures of domestic business ${ }^{2}$ | 366.8 | 371.6 | 373.3 | 369.2 | 373.1 |
| Ratios of private inventories to final sales of domestic business: |  |  |  |  |  |
| Private inventories to final sales............ | 2.27 | 2.21 | 2.18 | 2.19 | 2.17 |
| Nonfarm inventories to final sales .......... | 2.11 | 2.04 | 2.02 | 2.02 | 2.01 |
| Nonfarm inventories to final sales of goods and structures $\qquad$ | 3.75 | 3.64 | 3.60 | 3.64 | 3.61 |

1. Inventories are as of the end of the quarter. The quarter-to-quarter changes calculated from this table are at quarterly rates, whereas the change in private inventories component of GDP is stated at annual rates.
 oss produrm and bus NOTE Estimates in this table are based on
1996) dollar inventory series are calculated to ensure that the chasined Classification System (NAICS). Chained 1996 equals the current-dollar change in inventories for 1996 and that the average of the 1995 and 1996 end-ofyear chain-weighted and fixed-weighted inventories are equal. Chained (1996) doliar final sales are calculated as the product of the chain-type quantity index and the 1996 current-doliar 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

## 6. Income and Employment by Industry

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

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | I | II | III |
| National income without capital consumption adjusiment $\qquad$ | 7,958.7 | 8,053.5 | 8,055.7 | 7,972.8 | 8,073.8 | 8,157.7 |  |
| Domestic industries .............. | 7,935.3 | 8,031.5 | 8,044.2 | 7,937.6 | 8,071.9 | 8,177.7 |  |
| Private industries.............. | 6,928.0 | 6,969.4 | 6,974.4 | 6,857.4 | 6,970.6 | 7,066.7 |  |
| Agriculture, forestry, and fishing. $\qquad$ | 109.7 | 111.1 | 113.8 | 110.6 | 116.8 | 101.8 |  |
| Mining .......................... | 62.9 | 69.5 | 68.4 | 60.8 | 58.2 | 57.5 |  |
| Construction.................. | 422.9 | 438.9 | 444.1 | 435.0 | 439.3 | 443.1 |  |
| Manufacturing ................ | 1,250.7 | 1,132.2 | 1,133.3 | 1,075.3 | 1,092.9 | 1,123.0 |  |
| Durable goods ............ | 729.2 | 640.5 | 634.9 | 597.0 | 610.3 | 628.9 | .......... |
| Nondurable goods ...... | 521.4 | 491.8 | 498.3 | 478.3 | 482.6 | 494.1 |  |
| Transportation and public utilities $\qquad$ | 530.5 | 529.9 | 535.8 | 496.1 | 508.5 | 516.6 |  |
| Transportation............. | 243.7 | 236.6 | 238.5 | 226.0 | 231.0 | 232.7 |  |
| Communications.......... Electric, gas, and | 149.4 | 148.4 | 150.5 | 137.1 | 139.8 | 138.2 | ........... |
| sanitary services ...... | 137.4 | 144.9 | 146.8 | 132.9 | 137.6 | 145.6 | ........... |
| Wholesale trade | 481.1 | 458.4 | 459.8 | 452.7 | 457.4 | 463.9 | . |
| Retail trade | 659.1 | 686.1 | 691.8 | 686.1 | 695.2 | 707.5 | ........... |
| Finance, insurance, and real estate $\qquad$ | 1,521.5 | 1,571.1 | 1,542.1 | 1,578.9 | 1,613.2 | 1,640.7 |  |
| Services........................... | 1,889.8 | 1,972.0 | 1,985.4 | 1,961.8 | 1,989.1 | 2,012.7 |  |
| Government...................... | 1,007.3 | 1,062.1 | 1,069.9 | 1,080.2 | 1,101.4 | 1,111.1 | ........... |
| Rest of the world.................. | 23.4 | 21.9 | 11.5 | 35.2 | 1.9 | -20.0 | ........... |

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

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

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | If | III |
| Corporate profits with inventory valuation and capital consumption adjustments $\qquad$ | 788.1 | 731.6 | 687.2 | 811.4 | 797.6 | 785.0 |  |
| Domestic industries.............. | 644.8 | 580.9 | 545.3 | 646.7 | 665.6 | 669.9 |  |
| Financial ............... | 183.0 | 173.5 | 142.3 | 197.8 | 213.2 | 210.7 |  |
| Nonfinancial ...................... | 461.8 | 407.4 | 403.0 | 449.0 | 452.4 | 459.3 |  |
| Rest of the world. | 143.3 | 150.8 | 141.8 | 164.7 | 132.0 | 115.1 |  |
| Receipts from the rest of the world $\qquad$ | 203.8 | 172.4 | 167.2 | 156.1 | 161.4 | 173.4 |  |
| Less: Payments to the rest of the world $\qquad$ | 60.5 | 21.6 | 25.3 | -8.5 | 29.4 | 58.3 |  |
| Corporate profits with inventory valuation adjusiment $\qquad$ | 767.3 | 675.1 | 663.2 | 626.3 | 641.3 | 652.2 |  |
| Domestic industries.............. | 624.0 | 524.4 | 521.4 | 461.6 | 509.3 | 537.1 |  |
| Financial......................... | 201.0 | 190.6 | 162.7 | 200.1 | 218.2 | 218.5 |  |
| Federal Reserve banks..... | 30.0 | 27.9 | 27.3 | 25.0 | 23.4 | 23.9 |  |
| Other ............................ | 171.0 | 162.8 | 135.4 | 175.2 | 194.8 | 194.6 |  |
| Nonfinancial .............................. | 423.0 | 333.7 | 358.7 | 261.5 | 291.1 | 318.6 |  |
| Manufacturing ............... | 159.8 | 83.4 | 91.1 | 50.9 | 68.9 | 91.9 |  |
| Durable goods $\qquad$ Primary metal | 61.5 | 9.9 | 11.6 | -14.9 | 2.5 | 17.8 |  |
| industries | 1.0 | -1.6 | -. 1 | -2.2 | . 5 | . 3 |  |
| Fabricated metal |  |  |  |  |  |  |  |
| products Industrial machinery | 15.4 | 9.0 | 8.5 | 6.8 | 5.2 | 5.8 |  |
| and equipment..... | 14.2 | -. 6 | -5.2 | -7.5 | -4.9 | -2.9 |  |
| Electronic and other electric equipment Motor vehicles and | 5.5 | -3.2 | -4.6 | -8.4 | -6.2 | -. 9 |  |
| equipment | -2.2 | -9.4 | -6.4 | -13.3 | -11.8 | -4.4 |  |
| Other..................... | 27.6 | 15.7 | 19.4 | 9.7 | 19.7 | 20.0 | ............ |
| Nondurable goods $\qquad$ Food and kindred | 98.3 | 73.5 | 79.5 | 65.8 | 66.4 | 74.1 |  |
| products | 25.8 | 16.6 | 17.8 | 18.3 | 18.9 | 19.2 |  |
| Chemicals and allied |  |  |  |  |  |  |  |
| products ............. | 17.2 | 15.2 | 18.0 | 18.5 | 15.1 | 16.7 |  |
| Petroleum and coal products | 26.1 | 25.7 | 25.0 | 19.4 | 14.1 | 15.4 |  |
| 0ther ........................ | 29.1 | 16.0 | 18.8 | 9.5 | 18.3 | 22.8 |  |
| Transportation and public |  |  |  |  |  | 22.8 |  |
| utilities ...................... | 36.6 | 27.7 | 33.3 | 6.5 | 15.0 | 17.1 |  |
| Transportation............. | 12.8 | 1.2 | 1.8 | -5.1 | $-.5$ | -1.7 |  |
| Communications......... | -5.5 | -5.8 | -3.9 | -11.2 | $-9.3$ | -12.7 |  |
| Electric, gas, and |  |  |  |  |  |  |  |
| Wholesale trade | 29.4 | 32.2 | 35.3 459 | 22.7 | 24.8 | 31.4 44.8 |  |
| Wholesale trade Retail trade | 62.1 73.4 | 44.8 79.1 | 45.9 82.6 | 46.9 80.5 | 41.2 81.4 | 44.8 86.0 |  |
|  | 73.4 91.0 | 79.1 98.8 | 82.6 105.7 | 80.5 76.7 | 81.4 | 86.0 |  |
| Other ........................... | 91.0 | 98.8 | 105.7 | 76.7 | 84.6 | 78.9 |  |
| Rest of the world.................. | 143.3 | 150.8 | 141.8 | 164.7 | 132.0 | 115.1 |  |

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

## 7. Quantity and Price Indexes

Table 7.1. Quantity and Price Indexes for Gross Domestic Product
[Index numbers, 1996=100]

|  | 2000 | 2001 | Seasonally adjusted |  |  |  |  |  | 2000 | 2001 | Seasonally adjusted |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | 11 | III |  |  |  | III | IV | 1 | II | III |
| Gross domestic product: |  |  |  |  |  |  |  | Exports of goods and services: |  |  |  |  |  |  |  |
| Current dollars | 125.74 | 129.04 | 129.24 | 129.95 | 132.00 | 132.81 | 134.21 | Current dollars | 125.97 | 118.30 | 115.05 | 111.09 | 111.82 | 116.47 | 118.10 |
| Chain-type quantity index ............. | 117.64 | 117.94 | 117.58 | 118.37 | 119.84 | 120.21 | 121.14 | Chain-type quantity index ................... | 130.09 | 123.10 | 119.89 | 116.89 | 117.89 | 121.89 | 122.54 |
| Chain-type price index ................. | 106.89 | 109.42 | 109.92 | 109.78 | 110.14 | 110.48 | 110.79 | Chain-type price index ...................... | 96.83 | 96.10 | 96.00 | 95.06 | 94.88 | 95.58 | 96.41 |
| Implicit price deflator. | 106.89 | 109.42 | 109.92 | 109.78 | 110.14 | 110.48 | 110.79 | Implicit price deflator ........................ | 96.83 | 96.10 | 95.97 | 95.03 | 94.85 | 95.55 | 96.38 |
| Personal consumption expenditures: |  |  |  |  |  |  |  | Exports of goods: |  |  |  |  |  |  |  |
| Current dollars ............................. | 127.61 | 133.40 | 133.34 | 135.56 | 136.98 | 138.51 | 140.61 | Current dollars | 126.94 | 118.62 | 114.57 | 111.20 | 109.93 | 114.71 | 116.76 |
| Chain-type quantity index | 118.83 | 121.76 | 121.64 | 123.42 | 124.37 | 124.92 | 126.22 | Chain-type quantity ind | 134.98 | 126.97 | 122.89 | 120.40 | 119.36 | 123.84 | 124.99 |
| Chain-type price index... | 107.39 | 109.56 | 109.62 | 109.84 | 110.14 | 110.89 | 111.40 | Chain-type price index .................... | 94.05 | 93.42 | 93.26 | 92.39 | 92.14 | 92.67 | 93.45 |
| Implicit price deflator ......................... | 107.39 | 109.56 | 109.62 | 109.84 | 110.14 | 110.89 | 111.40 | Implicit price deflator ..................... | 94.05 | 93.42 | 93.23 | 92.36 | 92.10 | 92.63 | 93.41 |
| Durable goods: |  |  |  |  |  |  |  | Exports of services: |  |  |  |  |  |  |  |
| Current dollars. | 130.40 | 135.60 | 133.66 | 143.17 | 139.34 | 139.01 | 145.58 | Current dollars ... | 123.60 | 117.53 | 116.22 | 110.81 | 116.38 | 120.72 | 121.34 |
| Chain-type quantity index | 142.58 | 151.16 | 149.66 | 160.91 | 158.30 | 159.08 | 167.41 | Chain-type quantity index | 118.97 | 114.18 | 112.87 | 108.77 | 114.24 | 117.18 | 116.71 |
| Chain-type price index.. | 91.46 | 89.70 | 89.29 | 88.95 | 88.00 | 87.36 | 86.94 | Chain-type price index | 103.94 | 102.94 | 102.99 | 101.89 | 101.90 | 103.04 | 104.00 |
| Implicit price deflator....................... | 91.46 | 89.70 | 89.31 | 88.97 | 88.02 | 87.38 | 86.96 | Implicit price deflator | 103.94 | 102.94 | 102.97 | 101.87 | 101.87 | 103.02 | 103.97 |
| Nondurable goods: |  |  |  |  |  |  |  | imports of goods and services: |  |  |  |  |  |  |  |
| Current dollars.... | 125.34 | 129.68 | 129.88 | 129.88 | 132.47 | 133.93 | 134.58 | Current dollars | 152.28 | 143.60 | 136.89 | 136.60 | 138.87 | 149.90 | 152.60 |
| Chain-type quantity index | 116.50 | 118.79 | 118.69 | 119.76 | 122.07 | 122.03 | 122.43 | Chain-type quantity index | 159.48 | 154.91 | 152.32 | 150.26 | 153.37 | 161.24 | 162.22 |
| Chain-type price index .................... | 107.59 | 109.17 | 109.42 | 108.45 | 108.52 | 109.75 | 109.92 | Chain-type price index | 95.49 | 92.70 | 89.93 | 90.97 | 90.61 | 93.03 | 94.13 |
| Implicit price deflator...................... | 107.59 | 109.17 | 109.42 | 108.45 | 108.52 | 109.75 | 109.92 | Implicit price deflator. | 95.49 | 92.70 | 89.87 | 90.91 | 90.55 | 92.97 | 94.07 |
| Services: |  |  |  |  |  |  |  | Imports of goods: |  |  |  |  |  |  |  |
| Current dollars.. | 128.22 | 134.88 | 135.07 | 136.95 | 138.83 | 140.78 | 142.72 | Current dollars. | 153.78 | 144.39 | 141.10 | 135.87 | 136.36 | 148.81 | 151.61 |
| Chain-type quantity ind | 115.67 | 117.98 | 118.07 | 118.69 | 119.54 | 120.32 | 121.00 | Chain-type quantity index ................ | 162.51 | 157.18 | 154.54 | 153.24 | 154.63 | 164.44 | 166.25 |
| Chain-type price index | 110.85 | 114.32 | 114.40 | 115.39 | 116.15 | 117.00 | 117.95 | Chain-type price index .................... | 94.63 | 91.87 | 91.36 | 88.71 | 88.24 | 90.55 | 91.25 |
| Implicit price deflator. | 110.85 | 114.32 | 114.40 | 115.38 | 116.14 | 117.00 | 117.94 | Implicit price deflator ...................... | 94.63 | 91.87 | 91.31 | 88.66 | 88.19 | 90.49 | 91.19 |
| Gross private domestic investment: |  |  |  |  |  |  |  | Imports of services: |  |  |  |  |  |  |  |
| Current dollars. | 141.26 | 127.62 | 126.73 | 120.77 | 125.49 | 127.78 | 127.44 | Current dollars | 144.42 | 139.44 | 114.87 | 140.41 | 151.98 | 155.59 | 157.74 |
| Chain-type quantity index | 141.86 | 126.71 | 125.75 | 119.93 | 125.05 | 127.46 | 127.37 | Chain-type quantity index | 144.47 | 143.71 | 141.21 | 134.98 | 145.69 | 144.92 | 142.26 |
| Chain-type price index. | 99.60 | 100.76 | 100.79 | 100.73 | 100.35 | 100.24 | 100.06 | Chain-type price index | 99.97 | 97.03 | 81.38 | 104.08 | 104.37 | 107.43 | 110.95 |
| Implicit price deflator ......................... | 99.58 | 100.73 | 100.78 | 100.70 | 100.35 | 100.25 | 100.05 | Implicit price deflator | 99.97 | 97.03 | 81.34 | 104.02 | 104.31 | 107.37 | 110.89 |
| Fixed investment: |  |  |  |  |  |  |  | Government consumption expenditures and gross investment: |  |  |  |  |  |  |  |
| Current dollars... | 139.51 | 135.76 | 134.86 | 131.71 | 131.06 | 130.66 | 130.56 | Current dollars ........... | 123.14 | 130.67 | 130.22 | 133.39 | 136.40 | 137.83 | 138.92 |
| Chain-type quantity index | 139.52 | 134.20 | 133.23 | 130.16 | 129.99 | 129.68 | 129.74 | Chain-type quantity index | 111.29 | 115.36 | 114.87 | 117.76 | 119.37 | 119.79 | 120.33 |
| Chain-type price index. | 100.00 | 101.16 | 101.22 | 101.19 | 100.82 | 100.76 | 100.63 | Chain-type price index | 110.65 | 113.27 | 113.37 | 113.27 | 114.27 | 115.06 | 115.45 |
| Implicit price deflator....................... | 100.00 | 101.16 | 101.23 | 101.19 | 100.82 | 100.76 | 100.63 | Implicit price deflator ......................... | 110.64 | 113.27 | 113.37 | 113.27 | 114.27 | 115.06 | 115.45 |
| Nonresidential: |  |  |  |  |  |  |  | Federal: |  |  |  |  |  |  |  |
| Current dollars ......... | 140.73 | 133.59 | 132.09 | 127.83 | 125.28 | 124.06 | 123.96 | Current dollars ............................. | 110.84 | 118.16 | 118.03 | 121.70 | 126.42 | 129.46 | 130.75 |
| Chain-type quantity index ............... | 147.23 | 139.55 | 138.06 | 134.13 | 132.13 | 131.32 | 131.51 | Chain-type quantity index ................ | 102.42 | 107.33 | 107.01 | 110.46 | 112.46 | 114.50 | 115.34 |
| Chain-type price index ................. | 95.59 | 95.73 | 95.69 | 95.31 | 94.82 | 94.48 | 94.27 | Chain-type price index .................... | 108.23 | 110.09 | 110.30 | 110.18 | 112.42 | 113.07 | 113.37 |
| Implicit price deflator................... | 95.59 | 95.73 | 95.68 | 95.31 | 94.81 | 94.47 | 94.26 | Implicit price deflator ...................... | 108.23 | 110.09 | 110.29 | 110.18 | 112.41 | 113.06 | 113.37 |
| Structures: |  |  |  |  |  |  |  | National defense: |  |  |  |  |  |  |  |
| Current dollars | 139.66 | 144.22 | 147.56 | 134.38 | 128.16 | 122.30 | 117.30 | Current dollars | 105.01 | 112.02 | 112.11 | 115.63 | 120.93 | 123.84 | 125.77 |
| Chain-type quantity index.......... | 122.47 | 120.43 | 122.82 | 112.30 | 108.09 | 102.97 | 98.58 | Chain-type quantity index ............ | 97.66 | 102.51 | 102.38 | 105.87 | 108.82 | 110.87 | 112.26 |
| Chain-type price index................ | 114.04 | 119.76 | 120.14 | 119.66 | 118.56 | 118.77 | 118.98 | Chain-type price index ................ | 107.53 | 109.27 | 109.51 | 109.21 | 111.14 | 111.71 | 112.04 |
| Implicit price deflator | 114.04 | 119.76 | 120.14 | 119.67 | 118.57 | 118.78 | 118.99 | Implicit price deflator ...................... | 107.53 | 109.27 | 109.50 | 109.22 | 111.14 | 111.70 | 112.04 |
| Equipment and soflware: |  |  |  |  |  |  |  | Nondefense: |  |  |  |  |  |  |  |
| Current dollars | 141.09 | 130.05 | 126.94 | 125.65 | 124.32 | 124.65 | 126.17 | Current dollars | 122.77 | 130.72 | 130.12 | 134.12 | 137.64 | 140.95 | 140.94 |
| Chain-type quantity index........... | 156.58 | 146.51 | 143.28 | 142.39 | 141.41 | 142.55 | 144.82 | Chain-type quantity index ............ | 112.06 | 117.10 | 116.40 | 119.78 | 119.91 | 121.93 | 121.67 |
| Chain-type price index............... | 90.11 | 88.76 | 88.60 | 88.26 | 87.93 | 87.46 | 87.14 | Chain-type price index | 109.55 | 111.64 | 111.80 | 111.99 | 114.79 | 115.61 | 115.85 |
| Implicit price deflator ................ | 90.11 | 88.76 | 88.59 | 88.25 | 87.92 | 87.44 | 87.13 | Implicit price deflator .................. | 109.55 | 111.63 | 111.79 | 111.97 | 114.79 | 115.60 | 115.84 |
| Residential: |  |  |  |  |  |  |  | State and local: |  |  |  |  |  |  |  |
| Current dollars.. | 136.00 | 141.98 | 142.81 | 142.83 | 147.67 | 149.63 | 149.51 | Current dollars | 130.48 | 138.13 | 137.51 | 140.37 | 142.35 | 142.82 | 143.80 |
| Chain-type quantity index | 118.88 | 119.22 | 119.50 | 118.44 | 122.44 | 123.25 | 123.02 | Chain-type quantity index | 116.52 | 120.11 | 119.51 | 122.09 | 123.47 | 122.95 | 123.33 |
| Chain-type price index ... | 114.40 | 119.09 | 119.50 | 120.60 | 120.61 | 121.40 | 121.53 | Chain-type price index | 111.98 | 115.01 | 115.06 | 114.97 | 115.29 | 116.17 | 116.60 |
| Implicit price deflator......... | 114.40 | 119.09 | 119.51 | 120.60 | 120.61 | 121.40 | 121.53 | Implicit price deflator .................... | 111.98 | 115.01 | 115.06 | 114.97 | 115.29 | 116.16 | 116.60 |

NOTE. Chain-type quantity and price indexes are calculated from weighted averages of the detailed output and detailed price indexes used to prepare each aggegate and component and are calculated as the ratio of current-
to chained-dollar output multiplied by 100.
pern shown in table 8.1. Contributions to the percent change in real gross domestic product are shown in table 8.

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

|  | 2000 | 2001 | Seasonally adjusted |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | I | 11 | III |
| Gross domestic product: |  |  |  |  |  |  |  |
| Current dollars .................. | 125.74 | 129.04 | 129.24 | 129.95 | 132.00 | 132.81 | 134.21 |
| Chain-type quantity index.... | 117.64 | 117.94 | 117.58 | 118.37 | 119.84 | 120.21 | 121.14 |
| Chain-type price index........ | 106.89 | 109.42 | 109.92 | 109.78 | 110.14 | 110.48 | 110.79 |
| Implicit price deflator .......... | 106.89 | 109.42 | 109.92 | 109.78 | 110.14 | 110.48 | 110.79 |
| Final sales of domestic product: |  |  |  |  |  |  |  |
| Current dollars .................. | 125.41 | 130.31 | 130.52 | 131.69 | 132.89 | 133.28 | 134.72 |
| Chain-type quantity index.... | 117.19 | 118.95 | 118.60 | 119.81 | 120.51 | 120.49 | 121.44 |
| Chain-type price index........ | 107.02 | 109.55 | 110.05 | 109.91 | 110.28 | 110.62 | 110.93 |
| Implicit price deflator .......... | 107.02 | 109.55 | 110.05 | 109.91 | 110.27 | 110.62 | 110.93 |
| Gross domestic purchases: |  |  |  |  |  |  |  |
| Current dollars ................. | 128.95 | 132.00 | 131.74 | 132.84 | 135.07 | 136.70 | 138.23 |
| Chain-type quantity index.... | 121.00 | 121.50 | 121.18 | 122.06 | 123.74 | 124.53 | 125.50 |
| Chain-type price index........ | 106.58 | 108.65 | 108.72 | 108.84 | 109.15 | 109.77 | 110.15 |
| Implicit price defiator ......... | 106.58 | 108.65 | 108.72 | 108.83 | 109.15 | 109.77 | 110.15 |
| Final sales to domestic purchasers: |  |  |  |  |  |  |  |
| Current dollars.. | 128.64 | 133.27 | 133.01 | 134.57 | 135.96 | 137.18 | 138.76 |
| Chain-type quantity index.... | 120.56 | 122.52 | 122.21 | 123.50 | 124.42 | 124.82 | 125.81 |
| Chain-type price index........ | 106.70 | 108.78 | 108.84 | 108.97 | 109.28 | 109.90 | 110.29 |
| Implicit price deflator ......... | 106.70 | 108.78 | 108.84 | 108.97 | 109.28 | 109.90 | 110.29 |
| Addenda: <br> Final sales of comput |  |  |  |  |  |  |  |
| Current dollars............... | 118.98 | 101.79 | 95.34 | 96.08 | 87.91 | 86.34 | 93.72 |
| Chain-type quantity index | 385.10 | 420.15 | 405.16 | 431.75 | 423.11 | 436.31 | 501.52 |
| Chain-type price index..... | 30.90 | 24.23 | 23.55 | 22.28 | 20.80 | 19.81 | 18.71 |
| Implicit price deflator....... | 30.90 | 24.23 | 23.53 | 22.25 | 20.78 | 19.79 | 18.69 |
| Gross domestic product less final sales of computers: |  |  |  |  |  |  |  |
| Current dollars............... | 125.81 | 129.32 | 129.58 | 130.29 | 132.44 | 133.28 | 134.62 |
| Chain-type quantity index | 116.22 | 116.43 | 116.10 | 116.84 | 118.31 | 118.66 | 119.47 |
| Chain-type price index.... | 108.26 | 111.08 | 111.61 | 111.51 | 111.94 | 112.32 | 112.68 |
|  | 108.25 | 111.07 | 111.61 | 111.51 | 111.94 | 112.32 | 112.68 |
| Gross domestic purchases <br> less final sales of <br> computers:        <br> comple        |  |  |  |  |  |  |  |
| Current dollars............... | 128.91 | 132.27 | 132.10 | 133.17 | 135.38 | 137.03 | 138.51 |
| Chain-type quantity index | 119.18 | 119.61 | 119.34 | 120.11 | 121.68 | 122.43 | 123.28 |
| Chain-type price index.... | 108.17 | 110.59 | 110.69 | 110.88 | 111.25 | 111.92 | 112.36 |
|  | 108.16 | 110.58 | 110.69 | 110.87 | 111.25 | 111.92 | 112.36 |
| Chain-type price indexes for <br> gross domestic product:       |  |  |  |  |  |  |  |
| Food ............................ | 107.11 | 110.45 | 111.09 | 111.58 | 112.23 | 112.31 | 112.71 |
| Energy goods and services | 103.66 | 114.15 | 114.33 | 108.19 | 105.15 | 104.09 | 102.90 |
| Gross domestic product less food and energy.... | 106.99 | 109.17 | 109.66 | 109.65 | 110.10 | 110.51 | 110.85 |
| Chain-type price indexes for gross domestic |  |  |  |  |  |  |  |
| purchases: Food |  |  |  |  |  |  |  |
| Energy goods and services | 113.74 | 111.48 | 111.98 | 1104.96 | 113.29 10260 | 113.40 | 113.59 110.50 |
| Gross domestic purchases less food and energy... | 106.12 | 108.05 | 108.08 | 108.62 | 109.01 | 109.42 | 109.80 |

1. For some components of final sales of computers, includes computer parts.

NOTE. Percent changes from preceding period for selected items in this table are shown in table 8.1.
Table 7.3. Quantity and Price Indexes for Gross National Product and Command-Basis Gross National Product
[Index numbers, 1996=100]

| Gross national product: |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Current dollars .................. | 125.75 | 129.02 | 129.09 | 130.10 | 131.72 | 132.25 |  |
| Chain-type quantity index.... | 117.69 | 117.96 | 117.48 | 118.54 | 119.62 | 119.73 |  |
| Chain-type price index........ | 106.86 | 109.39 | 109.89 | 109.75 | 110.11 | 110.45 |  |
| Implicit price deflator .......... | 106.86 | 109.38 | 109.89 | 109.74 | 110.11 | 110.45 | ........... |
| Less: Exports of goods and services and income receipts from the rest of the world: <br> Chain-type quantity index | 133.86 | 122.04 | 118.25 | 112.94 | 113.25 | 117.17 |  |
| Plus: Command-basis exports of goods and services and income receipts from the rest of the worid: |  |  |  |  |  |  |  |
| Chain-type quantity index.... | 135.45 | 125.93 | 125.05 | 117.44 | 118.00 | 120.18 | ......... |
| Equals: Command-basis gross national product: Chain-type quantity index.... | 117.91 | 118.51 | 118.45 | 119.19 | 120.30 | 120.16 | .......... |

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

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

|  | 2000 | 2001 | Seasonally adjusted |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | 11 | III |
| Personal consumption expenditures.......... | Chain-type quantity indexes |  |  |  |  |  |  |
|  | 118.83 | 121.76 | $121.64$ | $123.42$ | 124.37 | 124.92 | 126.22 |
| urable goods $\qquad$ Motor vehicles and parts. Furniture and household equipment $\qquad$ | 142.58 | 151.16 | 149.66 | 160.91 | 158.30 | 159.08 | $\begin{aligned} & 167.41 \\ & 158.84 \end{aligned}$ |
|  | 132.04 | 141.21 | 137.63 | 156.21 | 144.35 | 144.00 |  |
|  | 157.89 | 168.03 | 168.67 | 174.62 | 180.78 | 183.72 | 186.12 |
| Other.. | 137.54 | 142.19 | 141.97 | 145.09 | 149.38 |  |  |
| Nondurable goods... | 116.50 | 118.79 | 118.69 | 119.76 | 122.07 | 122.03 | 122.43 |
|  | 111.84 | 112.85 | 112.51 | 112.87 | 114.69 | 114.42 | 114.36 |
| Clothing and shoes..........- | 127.39 | 130.61 | 130.36 | 133.34 | 137.62 | 137.32 | 137.77 |
| Gasoline, fuel oil, and other energy goods. | 107.11 | 108.21 | 108.68 | 109.75 | 112.53 | 111.98 | 111.77 |
| Gasoline and oil. | 109.29 | 111.75 | 112.65 | 113.88 | 116.85 | 116.51 | 116.45 |
| Fuel oil and coal... | 90.05 | 81.16 | 78.45 | 78.39 | 79.75 | 77.75 | 76.33 |
| Other................... | 122.36 | 127.12 | 127.37 | 128.80 | 130.87 | 131.64 | 133.15 |
| Services. | 115.67 | 117.98 | 118.07 | 118.69 | 119.54 | 120.32 | 121.00 |
| Housing. | 110.19 | 112.09 | 112.24 | 112.56 | 113.14 | 113.71 | 114.22 |
| Household operation... | 119.08 | 120.60 | 120.37 | 119.04 | 120.18 | 120.68 | 120.94 |
| Electricity and gas. | 106.45 | 104.46 | 102.80 | 101.13 | 103.65 | 103.79 | 103.58 |
| Other househoid operation | 127.59 | 131.68 | 132.54 | 131.45 | 131.57 | 132.34 | 132.93 |
| Transportation.. | 118.14 | 117.24 | 116.71 | 116.07 | 117.17 | 116.88 | 116.42 |
| Medical care.... | 110.52 | 115.21 | 115.95 | 117.25 | 118.29 | 119.67 | 120.90 |
| Recreation... | 118.56 | 122.07 | 121.48 | 122.91 | 123.31 | 124.09 | 124.02 |
| Other............. | 124.08 | 125.12 | 124.89 | 125.99 | 126.83 | 127.59 | 128.53 |
| Addenda: <br> Energy goods and services ' Personal consumption expenditures less food and energy $\qquad$ |  |  |  |  |  |  |  |
|  | 106.67 | 106.37 | 105.88 | 105.63 | 108.28 | 108.07 | 107.86 |
|  | 120.91 | 124.42 | 124.37 | 126.55 | 127.23 | 127.98 | 129.65 |
|  | Chain-type price indexes |  |  |  |  |  |  |
| Personal consumption expenditures. | 107.39 | 109.56 | 109.62 | 109.84 | 110.14 | 110.89 | 111.40 |
| Durable goods Motor vehicles and parts... Furniture and household equipment Other $\qquad$$\qquad$ | 91.46 | 89.70 | $\begin{aligned} & 89.29 \\ & 99.51 \end{aligned}$ | $88.95$$99.79$ | $88.00$ | $\begin{aligned} & 87.36 \\ & 98.10 \end{aligned}$ | $\begin{aligned} & 86.94 \\ & 98.30 \end{aligned}$ |
|  | 47 | 99.84 |  |  |  |  |  |
|  | 81.51 | 76.92 | $\begin{aligned} & 76.27 \\ & 96.04 \end{aligned}$ | $\begin{aligned} & 75.28 \\ & 95.88 \end{aligned}$ | $\begin{aligned} & 74.02 \\ & 95.61 \end{aligned}$ | 73.2995.48 | 72.2995.13 |
|  | 95.78 | 96.08 |  |  |  |  |  |
| Nondurable goods................ | 107.59 | 109.17 | $\begin{aligned} & 109.42 \\ & 112.39 \end{aligned}$ | 108.45 | 108.52 | 109.75 | $\begin{gathered} 109.92 \\ 114.13 \\ 90.34 \end{gathered}$ |
| Food... | 108.65 | 111.89 |  | 113.05 | 113.72 | 113.87 |  |
| Clothing and shoes............ 95.22 93.35 92.57 92.03 91.56 91.22 90.34 <br> Gasoline, fuel oil, and other 121.92 11.1 17.93     |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| energy goods............... | 121.92 121.14 | 118.11 | $\begin{aligned} & 117.93 \\ & 116.79 \end{aligned}$ | 102.08100.44 | 99.2397.95 | 111.53110.95 | 113.01112.3218.72 |
| Gasoline and oil.... | 121.14 129.05 | 116.80 <br> 130.74 <br> 18 |  |  |  |  |  |
| Other ............................... | 109.40 | 112.01 | $\begin{aligned} & 128.91 \\ & 112.63 \end{aligned}$ | 119.25 113.04 | 113.31 | 115.93 114.14 | 118.46 |
| Services $\qquad$ Housing. $\qquad$ | 110.85 | 114.32 | 114.40 | 115.39 | $\begin{aligned} & 116.15 \\ & 120.34 \end{aligned}$ | 117.00 | 117.95122.21 |
|  | 112.77 | 117.15 | 117.76 | 119.08 |  | 121.35 |  |
| Household operation $\qquad$ Electricity and gas $\qquad$ | 102.23 | 106.18 | 105.99 | 105.08 | 104.71107.83 | 104.71 | 105.64108.641 |
|  | 103.88 | 114.84 | 114.71 | 109.92 |  | 108.42 |  |
| Other household operationTransportation .............. | 101.39 | 101.45 | 101.26108.041 | 102.41108.20 | 102.95 | 102.65 | 103.95 |
|  | 105.86 | 108.08 |  |  |  | 110.10 | 110.51 |
| Medical care $\qquad$ Recreation $\qquad$ | 110.19 | 114.27 | 114.27117.05 | $\begin{aligned} & 115.53 \\ & 11.80 \\ & 17.84 \end{aligned}$ | 116.16118.43118 | 116.90119.71 | 117.88120.581208 |
|  | 11.81 | 116.58 |  |  |  |  |  |
| Other ............................. | 114.26 | 116.35 | 116.05 | 117.51 | 118.44 | 119.44 | 120.58 |
| Addenda: <br> Energy goods and services ' Personal consumption expenditures less food and energy $\qquad$ | 113.4 | 116.62 | 116.46 | 105.72 | 103.22 | 110.14 | 111.04 |
|  |  |  |  |  |  |  |  |
|  | 106.85 | 108.78 | 108.78 | 109.52 | 109.91 | 110.42 | 110.95 |

1. Consists of gasoline, fuel oil, and other energy goods and of electricity and gas.

Table 7.6. Chain-Type Quantity and Price Indexes for Private Fixed Investment by Type
[Index numbers, 1996=100]

|  | 2000 | 2001 | Seasonally adjusted |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | 11 | 111 |
|  | Chain-type quantity indexes |  |  |  |  |  |  |
| Private fixed |  |  |  |  |  |  | 129.74 |
| Nonresidential. | 147.23 | 139.55 | 138.06 | 134.13 | 132.13 | 131.32 | 131.51 |
| Structures $\qquad$ Nonresidential buildings, including farm. $\qquad$ | 122.47 | 120.43 | 122.82 | 112.30 | 108.09 | 102.97 | 98.58 |
|  | 118.94 | 110.52 | 107.73 | 101.14 | 97.17 | 91.65 | 86.07 |
| Utilities <br> Mining exploration, shafts, and wells.. Other structures $\qquad$ | 139.89 | 139.52 | 137.81 | 136.88 | 141.04 | 134.15 | 133.95 |
|  | 128.11 | 161.41 | 170.23 | 164.84 | 143.20 | 143.55 | 144.38 |
|  | 109.06 | 149.20 | 294.73 | 101.33 | 101.75 | 100.97 | 91.19 |
| Equipment and software .... | 156.58 | 146.51 | 143.28 | 142.39 | 141.41 | 142.55 | 144.82 |
| equipment and software Computers and | 203.04 | 190.92 | 185.67 | 185.12 | 188.13 | 193.91 | 199.93 |
| Computers and |  |  |  |  |  |  |  |
| equipment '... | 347.77 | 338.61 | 316.88 | 343.30 | 369.90 | 383.36 | 423.23 |
| Software ${ }^{2}$............ | 193.80 | 191.35 | 189.69 | 189.82 | 188.10 | 193.67 | 197.87 |
| Other.. | 154.57 | 135.16 | 130.79 | 124.66 | 127.03 | 130.74 | 131.59 |
| Industrial equipment. | 117.86 | 112.69 | 109.32 | 106.02 | 108.69 | 106.71 | 108.80 |
| Jransportation equipment | 134.32 | 117.80 | 115.17 | 119.08 | 109.04 | 103.23 | 101.22 |
| Other ............................ | 129.24 | 125.83 | 126.05 | 121.77 | 120.36 | 125.33 | 126.09 |
| Residential... | 118.88 | 119.22 | 119.58 | 118.44 | 122.44 | 123.25 | 123.02 |
| Structures. | 118.79 | 119.12 | 119.42 | 118.30 | 122.35 | 123.17 | 122.94 |
| Single family... | 120.06 | 121.05 | 121.95 | 120.22 | 123.91 | 124.70 | 124.52 |
| Mutitiamily... | 113.04 | 120.21 | 119.55 | 123.31 | 132.84 | 131.98 | 132.14 |
| Other structures .. | 118.18 | 116.48 | 116.16 | 114.98 | 118.56 | 119.71 | 119.35 |
| Equipment ...................... | 123.30 | 123.67 | 123.07 | 125.10 | 126.36 | 127.32 | 126.74 |
|  | Chain-type price indexes |  |  |  |  |  |  |
| Private fixed investment. | 100.00 | 101.16 | 101.22 | 101.19 | 100.82 | 100.76 | 100.63 |
| Nonresidential. | 95.59 | 95.73 | 95.69 | 95.31 | 94.82 | 94.48 | 94.27 |
| Structures. | 114.04 | 119.76 | 120.14 | 119.66 | 118.56 | 118.77 | 118.98 |
| Nonresidential buildings. including farm $\qquad$ | 116.44 | 121.05 | 121.40 | 122.47 | 122.43 | 122.97 | 123.10 |
| Utilities ......................... | 106.60 | 109.45 | 109.98 | 110.23 | 110.68 | 111.50 | 112.73 |
| Mining exploration, shafts, and wells. | 107.97 | 125.45 | 125.56 | 116.10 | 106.93 | 104.41 | 103.34 |
| Other structures ................ | 109.69 | 113.16 | 113.15 | 113.89 | 115.35 | 115.93 | 116.37 |
| Equipment and software .... | 90.11 | 88.76 | 88.60 | 88.26 | 87.93 | 87.46 | 87.14 |
| information processing equipment and software | 76.62 | 73.72 | 73.29 | 72.52 | 71.96 | 71.31 | 70.88 |
| Computers and peripheral |  |  |  |  |  |  |  |
| equipment '............. | 37.87 | 30.91 | 30.14 | 28.53 | 27.48 | 26.84 | 25.85 |
| Software ${ }^{2}$.......... | 97.28 | 99.10 | 98.99 | 99.05 | 98.99 | 98.24 | 98.68 |
| Other... | 92.93 | 91.37 | 91.14 | 90.86 | 90.68 | 90.39 | 90.09 |
| Industrial equipment.. | 102.55 | 103.40 | 103.45 | 103.54 | 103.42 | 103.33 | 103.73 |
| Iransportation equipment | 101.67 | 101.32 | 101.68 | 101.78 | 101.73 | 101.25 | 100.17 |
| Other ......................... | 103.84 | 105.16 | 105.26 | 105.60 | 105.70 | 105.58 | 105.83 |
| Residential... | 114.40 | 119.09 | 119.50 | 120.60 | 120.61 | 121.40 | 121.53 |
| Structures ....................... | 114.81 | 119.61 | 120.03 | 121.16 | 121.16 | 121.98 | 122.13 |
| Single family | 115.50 | 120.50 | 120.77 | 122.47 | 122.30 | 123.10 | 123.10 |
| Mutitiamily .... | 123.00 | 125.60 | 125.50 | 126.98 | 126.81 | 127.64 | 127.64 |
| Other structures ............ | 112.60 | 117.49 | 118.20 | 118.49 | 118.76 | 119.62 | 119.97 |
| Equipment ............. | 98.10 | 98.50 | 98.52 | 98.50 | 98.66 | 98.14 | 97.91 |

1. Includes new computers and peripheral equipment only.
2. Excludes software "embedded," or bundled, in computers and other equipment.

Table 7.9. Chain-Type Quantity and Price Indexes for Exports and Imports of Goods and Services and for Receipts and Payments of Income [Index numbers, 1996=100]

|  | 2000 | 2001 | Seasonally adjusted |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | 111 | IV | 1 | II | III |
|  | Chain-type quantity indexes |  |  |  |  |  |  |
| Exports of goods and services | 130.09 | 123.10 | 119.89 | 116.89 | 117.89 | 121.89 | 122.54 |
| Goods '........................... | 134.98 | 126.97 | 122.89 | 120.40 | 119.36 | 123.84 | 124.99 |
| Durable. | 144.14 | 132.39 | 127.61 | 122.68 | 121.50 | 127.18 | 129.38 |
| Nondurable.................... | 115.25 | 115.23 | 112.64 | 115.45 | 114.72 | 116.56 | 115.47 |
| Services '......................... | 118.91 | 114.18 | 112.87 | 108.77 | 114.24 | 117.18 | 116.71 |
| Income receipts ................... | 146.19 | 118.90 | 113.25 | 100.73 | 98.87 | 102.55 |  |
| Imports of goods and services | 159.48 | $154.9 \dagger$ | 152.32 | 150.26 | 153.37 | 161.24 | 162.22 |
| Goods '............................ | 162.51 | 157.18 | 154.54 | 153.24 | 154.63 | 164.44 | 166.25 |
| Durable........................ | 173.28 | 162.31 | 158.62 | 157.17 | 160.51 | 171.12 | 171.80 |
| Nondurable.................... | 142.38 | 146.27 | 145.38 | 144.37 | 142.32 | 150.62 | 154.23 |
| Services ' ............................. | 144.47 | 143.71 | 141.21 | 134.98 | 145.69 | 144.92 | 142.26 |
| Income payments................. | 146.65 | 118.35 | 116.43 | 93.68 | 105.14 | 117.90 | $\ldots$ |
|  | Chain-type price indexes |  |  |  |  |  |  |
| Exports of goods and services | 96.83 | 96.10 | 96.00 | 95.06 | 94.88 | 95.58 | 96.41 |
| Goods '............................ | 94.05 | 93.42 | 93.26 | 92.39 | 92.14 | 92.67 | 93.45 |
| Durable......................... | 93.72 | 93.56 | 93.45 | 93.16 | 93.17 | 93.13 | 93.23 |
| Nondurable.................... | 95.00 | 93.17 | 92.86 | 90.64 | 89.78 | 91.61 | 93.99 |
| Services ' ......................... | 103.94 | 102.94 | 102.99 | 101.89 | 101.90 | 103.04 | 104.00 |
| Income receipts ................... | 106.80 | 108.55 | 108.60 | 108.73 | 109.02 | 109.61 | ......... |
| Imports of goods and services | 95.49 | 92.70 | 89.93 | 90.97 | 90.61 | 93.03 | 94.13 |
| Goods ' | 94.63 | 91.87 | 91.36 | 88.71 | 88.24 | 90.55 | 91.25 |
| Durable ........................ | 88.80 | 87.16 | 86.83 | 86.05 | 85.60 | 85.67 | 85.64 |
| Nondurable | 107.89 | 102.59 | 101.65 | 95.04 | 94.52 | 101.73 | 104.03 |
| Services ' ......................... | 99.97 | 97.03 | 81.38 | 104.08 | 104.37 | 107.43 | 110.95 |
| Income payments................. | 107.92 | 109.57 | 109.67 | 109.66 | 109.86 | 110.36 | ........... |

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

Table 7.10. Chain-Type Quantity and Price Indexes for Exports and Imports of Goods and Services by Type of Product
[Index numbers, 1996=100]


1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federat from goods to services.

Table 7.11. Chain-Type Quantity and Price Indexes for Government Consumption Expenditures and Gross Investment by Type
[index numbers, 1996=100]

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \& \multirow{3}{*}{2000} \& \multirow{3}{*}{2001} \& \multicolumn{5}{|c|}{Seasonally adjusted} \& \& \multirow{3}{*}{2000} \& \multirow{3}{*}{2001} \& \multicolumn{5}{|c|}{Seasonally adjusted} <br>
\hline \& \& \& \multicolumn{2}{|l|}{2001} \& \multicolumn{3}{|c|}{2002} \& \& \& \& 20 \& 01 \& \& 2002 \& <br>
\hline \& \& \& III \& IV \& 1 \& 11 \& 111 \& \& \& \& III \& IV \& 1 \& 1 \& III <br>
\hline \& \multicolumn{7}{|c|}{Chain-type quantity indexes} \& \multirow[b]{2}{*}{Government consumption expenditures and gross investment ${ }^{~}$ $\qquad$} \& \multicolumn{7}{|c|}{Chain-type price indexes} <br>
\hline Government consumption expenditures and gross investment $\qquad$ \& 111.29 \& 115.36 \& 114.87 \& 117.76 \& 119.37 \& 119.79 \& 120.33 \& \& 110.65 \& 113.27 \& 113.37 \& 113.27 \& 114.27 \& 115.06 \& 115.45 <br>
\hline Federal. \& 102.42 \& 107.33 \& 107.01 \& 110.46 \& 112.46 \& 114.50 \& 115.34 \& Federal \& 108.23 \& 110.09 \& 110.30 \& 110.18 \& 112.42 \& 113.07 \& 113.37 <br>
\hline National defense \& 97.66 \& 102.51 \& 102.38 \& 105.87 \& 108.82 \& 110.87 \& 112.26 \& National defense \& 107.53 \& 109.27 \& 109.51 \& 109.21 \& 111.14 \& 111.71 \& 112.04 <br>
\hline Consumption expenditures \& 97.27 \& 102.17 \& 101.61 \& 105.55 \& 108.05 \& 110,42 \& 111.13 \& Consumption expenditures \& 109.28 \& 111.50 \& 111.76 \& 111.55 \& 113.89 \& 114.56 \& 114.97 <br>
\hline Durable goods ${ }^{2}$............. \& 108.05 \& 116.02 \& 125.48 \& 115.45 \& 118.29 \& 118.91 \& 126.78 \& Durable goods ${ }^{\text {? }}$............. \& 99.36 \& 99.37 \& 99.29 \& 99.31 \& 99.52 \& 99.72 \& 99.47 <br>
\hline Nondurable goods ...................... \& 122.09 \& 129.00 \& 127.68 \& 147.67 \& 149.88 \& 152.03 \& 151.30 \& Nondurable goods ...................... \& 110.73 \& 106.08 \& 106.74 \& 99.09 \& 94.31 \& 99.84 \& 103.19 <br>
\hline Services $\qquad$ Compensation of general government employees, except own-account \& 95.86

90.55 \& 100.50 \& 99.27 \& 103.74 \& 106.22

91.90 \& 108.71

93.03 \& 108.99

03.63 \& Services $\qquad$ Compensation of general government employees, except own-account \& 109.95 \& 112.61 \& 112.89 \& 112.95 \& 115.74 \& 116.26 \& 116.62 <br>
\hline investment ${ }^{3}$ $\qquad$ Consumption of general \& 90.55 \& 91.09 \& 90.94 \& 91.13 \& 91.99 \& 93.03 \& 93.63 \& investment ${ }^{3}$ $\qquad$ Consumption of general \& 114.75 \& 118.58 \& 118.91 \& 118.68 \& 124.71 \& 125.19 \& 125.32 <br>
\hline government fixed capital ${ }^{4}$...... \& 99.21 \& 99.03 \& 99.00 \& 99.01 \& 99.06 \& 99.22 \& 99.42 \& government fixed capital ${ }^{\text {a }}$...... \& 101.74 \& 101.84 \& 101.84 \& 101.89 \& 102.30 \& 102.37 \& 102.51 <br>
\hline Other services ......................... \& 102.45 \& 118.09 \& 114.02 \& 129.50 \& 136.73 \& 143.65 \& 143.37 \& Other services ........................ \& 108.92 \& 111.79 \& 112.19 \& 112.61 \& 113.04 \& 113.84 \& 114.58 <br>
\hline Gross investment ........................... \& 100.36 \& 104.87 \& 107.51 \& 108.08 \& 113.93 \& 113.83 \& 119.73 \& Gross investment .......................... \& 97.62 \& 96.77 \& 96.88 \& 96.11 \& 95.88 \& 95.89 \& 95.79 <br>
\hline Structures................................. \& 69.33 \& 68.01 \& 62.97 \& 70.49 \& 63.21 \& 66.47 \& 68.99 \& Structures \& 114.80 \& 118.80 \& 119.09 \& 119.97 \& 120.94 \& 121.56 \& 122.01 <br>
\hline Equipment and software ............... \& 105.09 \& 110.58 \& 114.54 \& 113.87 \& 122.04 \& 121.32 \& 127.79 \& Equipment and software .............. \& 95.67 \& 94.40 \& 94.48 \& 93.58 \& 93.26 \& 93.23 \& 93.09 <br>
\hline Nondefense ..................................... \& 112.06 \& 117.16 \& 116.40 \& 119.78 \& 119.91 \& 121.93 \& 121.67 \& Nondefense ................................... \& 109.55 \& 111.64 \& 111.80 \& 111.99 \& 114.79 \& 115.61 \& 115.85 <br>
\hline Consumption expenditures $\qquad$ Durabie goods: \& 107.56 \& 112.76 \& 112.89 \& 114.55 \& 114.99 \& 116.48 \& 117.27 \& Consumption expenditures \& 111.85 \& 114.18 \& 114.40 \& 114.58 \& 118.21 \& 119.31 \& 119.62 <br>

\hline Durable goods ? Nondurable goods \& \& \& ......... \& ......... \& ......... \& ......... \& .... \& | Durable goods ? |
| :--- |
| Nondurable goods | \& ......... \& ......... \& ......... \& ......... \& ......... \& ......... \& .... <br>

\hline Commodity Credit Corporation inventory change \& \& \& \& \& \& \& \& Commodity Credit Corporation inventory change \& …..... \& …..... \& …..... \& ….... \& …..... \& ........ \& <br>
\hline Other nondurables.......................... \& 79.78 \& 111.07 \& 113.29 \& 119.97 \& 127.22 \& 135.70 \& 130.16 \& Other nondurables ................... \& 107.67 \& 108.99 \& 109.05 \& 105.96 \& 106.60 \& 111.34 \& 112.69 <br>
\hline Services $\qquad$ Compensation of general government employees. except own-account \& 107.82 \& 111.72 \& 112.35 \& 113.74 \& 113.95 \& 114.83 \& 115.95 \& Services $\qquad$ Compensation of general government employees, \& 112.33 \& 114.75 \& 114.97 \& 115.30 \& 119.16 \& 120.07 \& 120.36 <br>

\hline | except own-account |
| :--- |
| investment ${ }^{3}$ $\qquad$ | \& 103.98 \& 103.40 \& 103.76 \& 103.41 \& 103.95 \& 103.75 \& 104.90 \& | except own-account |
| :--- |
| investment ${ }^{3}$ | \& 117.84 \& 120.51 \& 120.74 \& 121.05 \& 128.03 \& 129.63 \& 129.99 <br>

\hline Consumption of general ${ }_{\text {government fixed capital }}{ }^{\text {a }}$ \& \& \& \& \& \& \& \& Consumption of general \& \& \& \& \& \& \& <br>
\hline government fixed capital ${ }^{\text {a }}$......
Other services .................... \& 145.07
9973 \& 155.81
10987 \& 157.08 \& 159.86 \& 162.56 \& 165.47 \& 168.46
116.27 \& government fixed capital ${ }^{\text {+....... }}$ \& 100.98 \& 102.45
11027 \& 102.42
11060 \& 102.71 \& 102.68 \& 102.44 \& 102.47 <br>
\hline Gross investment.. \& 133.55 \& 137.77 \& 132.82 \& 144.89 \& 143.43 \& 148.22 \& 142.36 \& Gross investment \& 100.21 \& 101.39 \& 101.33 \& 110.99 \& 111.93 \& 112.39
101.18 \& 112.73
101.16 <br>
\hline Structures ........ \& 85.50 \& 80.33 \& 75.34 \& 88.85 \& 101.08 \& 91.85 \& 86.72 \& Structures ....... \& 113.37 \& 116.73 \& 116.90 \& 117.67 \& 117.97 \& 118.42 \& 118.96 <br>
\hline Equipment and software ............... \& 161.93 \& 172.20 \& 167.40 \& 178.17 \& 167.59 \& 181.69 \& 175.52 \& Equipment and software .............. \& 95.00 \& 95.58 \& 95.47 \& 95.55 \& 95.26 \& 94.85 \& 94.68 <br>
\hline State and local.................................... \& 116.52 \& 120.11 \& 119.51 \& 122.09 \& 123.47 \& 122.95 \& 123.33 \& State and local \& 111.98 \& 115.01 \& 115.06 \& 114.97 \& 115.29 \& 116.17 \& 116.60 <br>
\hline Consumption expenditures................. \& 114.39 \& 117.93 \& 118.62 \& 119.84 \& 120.56 \& 121.04 \& 121.50 \& Consumption expenditures ................ \& 112.85 \& 115.99 \& 116.04 \& 115.79 \& 116.19 \& 117.19 \& 117.69 <br>
\hline Durable goods ²............................. \& 131.64 \& 139.80 \& 140.85 \& 143.12 \& 145.10 \& 146.72 \& 148.34 \& Durable goods ${ }^{\text {² ............................. }}$ \& 99.40 \& 100.11 \& 100.18 \& 100.29 \& 100.58 \& 100.67 \& 100.55 <br>
\hline Nondurable goods .......................... \& 128.91 \& 136.09 \& 136.83 \& 138.57 \& 139.93 \& 140.90 \& 141.89 \& Nondurable goods \& 110.67 \& 109.20 \& 108.93 \& 102.88 \& 103.13 \& 106.74 \& 108.06 <br>
\hline Services. $\qquad$ Compensation of general government employees, except \& 112.38 \& 115.40 \& 116.08 \& 117.22 \& 117.84 \& 118.25 \& 118.64 \& Services $\qquad$ Compensation of general government employees, except \& 113.32 \& 117.18 \& 117.28 \& 117.89 \& 118.31 \& 118.94 \& 119.33 <br>
\hline own-account investment ${ }^{3}$ \& 106.51 \& 108.72 \& 109.39 \& 110.19 \& 110.53 \& 110.79 \& 111.08 \& own-account investment ${ }^{3}$.......... \& 114.40 \& 118.80 \& 119.24 \& 120.18 \& 120.79 \& 121.53 \& 122.27 <br>
\hline Consumption of general \& \& \& \& \& \& \& \& Consumption of general \& \& \& \& \& \& \& <br>
\hline government fixed capital ${ }^{4}$ \& 123.97 \& 129.92 \& 130.67 \& 132.15 \& 133.88 \& 135.17 \& 136.31 \& government fixed capital * \& 105.84 \& 107.64 \& 107.56 \& 107.92 \& 107.94 \& 108.04 \& 108.10 <br>

\hline | Other services |
| :--- |
| Gross investment | \& 216.70

126.05 \& 231.02
129.86 \& 231.64
123.28 \& 240.18
132.17 \& 245.08
136.57 \& 246.56
131 \& 247.12
131.40 \& Other services ........................... \& 113.15
108.41 \& 114.44
111.00 \& 111.10 \& 108.42
11160 \& 107.45 \& 107.86
11197 \& 105.00
11216 <br>

\hline Gross investment $\qquad$ Structures \& $$
\begin{aligned}
& 126.05 \\
& 118.54
\end{aligned}
$$ \& 129.86

121.33 \& 123.28
112.62 \& 132.17 \& 136.57
130.10 \& 131.41
123.97 \& 131.40
123.97 \& Gross investment ............................. \& 108.41 \& 111.00 \& 111.01 \& 111.60 \& 111.62 \& 111.97 \& 112.16 <br>
\hline Structures.................................... \& 118.54
151.59 \& 121.33 \& 112.62
161.43 \& 123.86
160.55 \& 130.10
157.30 \& 123.97
156.32 \& 123.97
156.25 \& Structures ..................................................
Equipment and software ....... \& 115.26
90.20 \& 119.49
88.96 \& 119.49
88.99 \& 120.67
88.28 \& 120.81
88.02 \& 121.47
87.62 \& 121.89
87.23 <br>

\hline | Addenda: |
| :--- |
| Compensation of general government | \& \& \& \& \& \& \& \& Addenda:

Compensation of general government \& \& \& \& \& \& \& <br>
\hline employees ${ }^{3}$.................................. \& 103.53 \& 105.41 \& 105.89 \& 106.48 \& 106.98 \& 107.30 \& 107.75 \&  \& 114.80 \& 118.94 \& 119.34 \& 120.04 \& 122.10 \& 122.88 \& 123.50 <br>
\hline Federal..................................... \& 95.43 \& 95.56 \& 95.60 \& 95.59 \& 96.38 \& 96.94 \& 97.78 \& Federal \& 115.93 \& 119.30 \& 119.59 \& 119.58 \& 125.98 \& 126.91 \& 127.13 <br>
\hline State and local ${ }^{\text {²............................. }}$ \& 106.66 \& 109.21 \& 109.87 \& 110.69 \& 111.06 \& 111.29 \& 111.58 \& State and local ${ }^{5}$.............................. \& 114.41 \& 118.80 \& 119.25 \& 120.19 \& 120.80 \& 121.53 \& 122.27 <br>
\hline
\end{tabular}

1. Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures
2. Consumption expenditures for durable goods excludes expe
goods tansserred to foreign countries by lhe rederal Government. tures for goods and services are classified as investment in structures and in software. The compensation of all
general govermment employees is shown in the addenda.
3. Consumption of ixed 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 5. Beginning these assets. tion of employees ar mian tribal dance with the Consondated Appropriations Act of 2001, includes compensation of employees of Indian tribal governments reclassified from the private sector.

Table 7.14. Chain-Type Quantity and Price Indexes for Gross Domestic Product by Sector
[Index numbers, 1996=100]

|  | 2000 | 2001 | Seasonally adjusted |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | 11 | 111 |
|  | Chain-type quantity indexes |  |  |  |  |  |  |
| Gross domestic product | 117.64 | 117.94 | 117.58 | 118.37 | 119.84 | 120.21 | 121.14 |
| Business '......................... | 119.69 | 119.56 | 119.03 | 119.88 | 121.52 | 121.86 | 122.86 |
| Nontarm ${ }^{2}$........................ | 119.58 | 119.51 | 119.03 | 119.73 | 121.43 | 121.86 | 122.86 |
| Nonfarm less housing ..... | 120.58 | 120.48 | 119.93 | 120.81 | 122.67 | 122.95 | 124.26 |
| Housing ....................... | 110.61 | 110.86 | 11.00 | 110.18 | 110.59 | 112.17 | 110.70 |
| Farm............................ | 130.69 | 124.00 | 117.52 | 134.98 | 129.90 | 120.17 | 121.12 |
| Households and institutions.. | 111.56 | 114.39 | 114.86 | 115.04 | 115.74 | 116.59 | 117.37 |
| Private households......... | 99.77 | 84.25 | 81.84 | 75.03 | 72.41 | 73.19 | 73.97 |
| Nonprofit institutions ......... | 111.99 | 115.49 | 116.07 | 116.49 | 117.31 | 118.17 | 118.95 |
| General government ${ }^{3}$ $\qquad$ Federal | 105.50 99.12 | 107.69 99.77 | 108.18 99.87 | 108.83 100.02 | 109.42 100.78 | 109.84 101.39 | 110.37 102.22 |
| State and local..................... | 108.50 | 111.40 | 112.06 | 112.95 | 113.46 | 113.79 | 114.17 |
|  | Chain-type price indexes |  |  |  |  |  |  |
| Gross domestic product | 106.89 | 109.42 | 109.92 | 189.78 | 110.14 | 110.48 | 110.79 |
| Business '........................... | 105.93 | 108.23 | 108.73 | 108.47 | 108.65 | 108.89 | 109.12 |
| Nonfarm ${ }^{2}$....................... | 106.53 | 108.78 | 109.22 | 109.11 | 109.16 | 109.59 | 109.72 |
| Nonfarm less housing ..... | 105.94 | 107.97 | 108.39 | 108.11 | 108.02 | 108.39 | 108.45 |
| Housing ......................., | 112.20 | 116.62 | 177.20 | 118.89 | 120.25 | 121.22 | 122.13 |
| Farm............................. | 64.58 | 70.50 | 75.07 | 64.85 | 73.18 | 61.18 | 67.90 |
| Househoids and institutions.. | 110.86 | 115.28 | 116.17 | 116.37 | 117.13 | 118.47 | 119.96 |
| Private households............. | 113.22 | 117.43 | 117.77 | 118.44 | 120.48 | 121.29 | 122.18 |
| Nonprofit institutions ......... | 110.78 | 115.20 | 116.11 | 116.30 | 117.03 | 118.38 | 119.89 |
| General government '............ | 112.88 | 116.48 | 116.88 | 117.42 | 119.13 | 119.77 | 120.29 |
| Federal | 111.74 | 114.23 | 114.44 | 114.47 | 118.97 | 119.60 | 119.79 |
| State and local.................. | 113.41 | 117.47 | 117.85 | 118.71 | 119.25 | 119.90 | 120.56 |

1. Equals gross domestic product less gross product of households and institutions and of general govern2. Equals gross domestic business product less gross farm product

Equals compensation of general government employees plus general government consumption of fixed capital.

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

| Price per unit of real gross product of nonfinancial corporate business ' $\qquad$ | 1.043 | 1.061 | 1.067 | 1.058 | 1.056 | 1.055 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Compensation of employees (unit labor cost) $\qquad$ | . 698 | . 708 | . 710 | . 697 | . 695 | . 693 | ........... |
| Unit nonlabor cost. | . 254 | . 272 | . 276 | . 273 | . 273 | 274 | ........... |
| Consumption of fixed capital Indirect business tax and nontax liability plus business transfer | . 118 | . 129 | . 136 | . 129 | . 131 | . 132 | . |
| payments less subsidies.. | . 100 | . 104 | . 101 | . 105 | . 105 | . 105 | $\ldots$ |
| Net interest....................... | . 036 | . 039 | . 039 | . 039 | . 037 | . 037 | ........... |
| Corporate profits with inventory valuation and capital consumption adjustments (unit profits |  |  |  |  |  |  |  |
| from current production) ..., Profits tax liability | .091 .034 | .081 024 | .080 .026 | . 088 | .088 .023 | . 088 | .......... |
| Protits tax liability. Profits after tax with inventory valuation and capital consumption adjustments. $\qquad$ | .034 .057 | .024 .056 | .026 .054 | .018 .070 | .023 .065 | .025 .063 | .......... |

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

Note. Effective with the release scheduled for November 26,2002 , the estimates beginning with 1999 will be revised to reflect revisions to the industry-based price indexes for gross product of nontinancial corporate business

Table 7.16B. Implicit Price Deflators for Private Inventories by Industry
[Index numbers, 1996=100]

|  | Seasonally adjusted |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2001 |  | 2002 |  |  |
|  | III | IV | 1 | 11 | III |
| Private inventories ' ......................... | 99.48 | 98.04 | 98.48 | 98.99 | 99.23 |
| Farm .............................................. | 96.33 | 95.07 | 97.32 | 96.53 | 94.13 |
| Construction, mining, and utilities ............. | 102.19 | 98.19 | 97.69 | 104.47 | 102.77 |
| Manufacturing...................................... | 100.17 | 98.32 | 98.96 | 99.45 | 100.06 |
| Durable goods industries ..................... | 99.16 | 98.34 | 98.41 | 98.81 | 98.38 |
| Nondurable goods industries ................ | 101.93 | 98.36 | 99.93 | 100.57 | 102.84 |
| Wholesale trade.................................... | 95.89 | 94.34 | 94.85 | 95.62 | 96.74 |
| Durable goods industries ..................... | 91.83 | 91.33 | 91.26 | 91.66 | 91.66 |
| Nondurable goods industries ................ | 103.00 | 99.73 | 101.16 | 102.50 | 105.35 |
| Retail trade........................................... | 102.65 | 102.00 | 102.00 | 101.98 | 101.96 |
| Motor vehicle dealers .......................... | 100.28 | 99.48 | 98.93 | 98.59 | 98.03 |
| Food and beverage stores .................... | 110.05 | 109.59 | 110.32 | 109.41 | 109.45 |
| General merchandise stores.................. | 103.07 | 102.86 | 102.59 | 102.62 | 102.63 |
| Other retail stores............................... | 103.00 | 102.26 | 102.61 | 102.96 | 103.32 |
| Other industries ..................................... | 100.95 | 99.52 | 99.07 | 99.71 | 99.80 |
| Addenda: |  |  |  |  |  |
| Private inventories.............................. | 99.48 | 98.04 | 98.48 | 98.99 | 99.23 |
| Durable goods industries ................. | 97.14 | 96.49 | 96.41 | 96.68 | 96.44 |
| Nondurable goods industries ............ | 102.01 | 99.82 | 100.74 | 101.49 | 102.15 |
| Nonfarm industries ............................ | 99.79 | 98.34 | 98.63 | 99.25 | 99.70 |
| Wholesale trade.................................. | 95.89 | 94.34 | 94.85 | 95.62 | 96.74 |
| Merchant wholesale trade.................. | 95.30 | 94.12 | 94.44 | 95.10 | 96.21 |
| Durable goods industries............... | 91.66 | 91.15 | 91.07 | 91.49 | 91.50 |
| Nondurable goods industries.......... | 101.74 | 99.45 | 100.39 | 101.44 | 104.26 |
| Nonmerchant wholesale trade ............ | 99.54 | 95.65 | 97.39 | 98.80 | 99.98 |

1. Implicit price deflators are as of the end of the quarter and are consistent with the inventory stocks shown in ables 5.12B and 5.13B.
Nore. Estimates in this table are based on the North American industry Classification System (NAICS).

Table 7.17. Chain-Type Quantity Indexes for Gross Domestic Product by Major Type of Product
[Index numbers, 1996=100]

|  | 2000 | 2001 | Seasonally adjusted |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | $\dagger$ | 11 | III |
| Gross domestic product. Final sales of domestic product | 117.64 | 117.94 | 117.58 | 118.37 | 119.84 | 120.21 | 121.14 |
|  |  |  |  |  |  |  |  |
|  | 117.19 | 118.95 | 118.60 | 119.81 | 120.51 | 120.49 | 121.44 |
| Change in private inventories |  |  |  |  |  | ......... |  |
| Goods ............................... | 124.50 | 121.64 | 120.64 | 121.92 | 124.38 | 124.50 | 126.56 |
| Final sales. $\qquad$ Change in private inventories $\qquad$ | 123.36 | 124.71 | 123.71 | 126.21 | 126.43 | 125.39 | 127.53 |
|  |  |  |  |  |  |  |  |
| Durable goods ........................ | 138.45 | 129.90 | 127.83 | 128.92 | 131.84 | 132.10 | 138.50 |
| Final sales...................... | 136.73 | 136.94 | 134.86 | 138.44 | 135.27 | 134.22 | 139.81 |
| Change in private inventories............. |  |  |  |  |  |  |  |
| Nondurable goods................ | 113.31 | 114.62 | 114.38 | 115.79 | 117.90 | 117.93 | 116.91 |
|  | 112.70 | 114.86 | 114.63 | 116.34 | 118.96 | 117.94 | 117.64 |
| Change in private inventories ..... |  |  |  |  |  | .......... |  |
| Services .............................. | 112.84 | 115.16 | 115.27 | 116.18 | 117.00 | 118.01 | 118.68 |
| Structures............................ | 118.92 | 118.80 | 118.02 | 116.33 | 118.06 | 115.51 | 113.90 |
| Addenda: |  |  |  |  |  |  |  |
| Motor vehicle output .......... | 122.09 | 114.63 | 116.20 | 120.66 | 123.54 | 125.97 | 137.56 |
| Gross domestic product less motor vehicle output $\qquad$ | 117.48 | 118.03 | 117.61 | 118.28 | 119.70 | 120.01 | 120.60 |

Table 7.18B. Chain-Type Quantity Indexes for Motor Vehicie Output [Index numbers, 1996=100]

|  | 2000 | 2001 | Seasonally adjusted |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | II | III |
| Motor vehicle output... | 122.09 | 114.63 | 116.20 | 120.66 | 123.54 | 125.97 | 137.56 |
| Auto output............. | 96.89 | 89.86 | 92.57 | 92.77 | 95.00 | 93.02 | 101.00 |
| Truck output '.......... | 142.99 | 135.17 | 135.80 | 143.75 | 147.17 | 153.18 | 167.74 |
| Final sales of domestic product. | 118.30 | 119.40 | 114.80 | 132.37 | 117.53 | 115.98 | 132.93 |
| Personal consumption |  |  |  |  |  |  |  |
| expenditures........... | 133.44 | 143.85 | 139.35 | 161.11 | 146.80 | 146.73 | 163.79 |
| New motor vehicles ......... | 138.70 | 152.65 | 146.32 | 178.16 | 159.22 | 156.46 | 178.78 |
| Autos ........................ | 130.72 | 131.93 | 124.97 | 145.74 | 130.40 | 129.18 | 138.21 |
| Light trucks............... | 148.20 | 177.01 | 171.41 | 216.21 | 193.06 | 188.48 | 226.41 |
| autos........................... | 117.41 | 117.43 | 118.28 | 110.58 | 109.88 | 117.67 | 119.33 |
| Private fixed investment .... | 123.40 | 106.83 | 103.64 | 104.88 | 95.86 | 100.72 | 107.07 |
| New motor vehicles ......... | 120.36 | 106.87 | 104.00 | 103.77 | 96.41 | 102.26 | 108.27 |
| Autos ......................... | 103.42 | 95.08 | 93.08 | 88.51 | 84.78 | 90.77 | 96.41 |
| Trucks ....................... | 136.63 | 118.27 | 114.57 | 118.41 | 107.62 | 113.36 | 119.73 |
| Light trucks............. | 147.36 | 137.74 | 133.13 | 140.85 | 126.81 | 132.07 | 136.86 |
| Other ..................... | 116.36 | 82.30 | 80.24 | 77.15 | 72.21 | 78.64 | 87.46 |
| Net purchases of used autos. $\qquad$ | 109.17 | 106.65 | 104.92 | 99.52 | 98.10 | 107.53 | 112.31 |
| Gross government |  |  |  |  |  |  |  |
| investment.................... | 121.45 | 126.36 | 122.42 | 131.08 | 125.94 | 117.17 | 105.45 |
| Autos ........................... | 95.52 +35 | 97.37 | 102.36 | 102.43 | 101.19 | 92.55 | 85.84 |
| New trucks .................... | 135.99 | 142.63 | 133.64 | 147.13 | 139.76 | 130.97 | 116.35 |
| Net exports $\qquad$ Exports | 95.72 | 92.55 | 97.95 | 95.81 | 94.07 | 102.26 | 110.87 |
| Autos ............................. | 95.38 | 101.19 | 109.80 | 107.12 | 104.95 | 116.09 | 121.61 |
| Trucks ......................... | 96.54 | 77.15 | 76.81 | 75.64 | 74.65 | 77.57 | 91.68 |
| imports. | 156.20 | 153.19 | 154.30 | 150.61 | 150.99 | 164.52 | 160.30 |
| Autos ................................ | 161.70 | 157.44 | 156.19 | 152.16 | 155.00 | 171.40 | 167.07 |
| Trucks ........................... | 130.03 | 132.92 | 145.02 | 142.97 | 131.76 | 131.82 | 128.14 |
| Change in private inventories ............ ............$\square$$\square$ ............ ........... ............ |  |  |  |  |  |  |  |
| Autos. | ........... | .......... | .......... | ........... | ........... | ........... | ............ |
| New............................ | ......... |  | ............ | ........... | ........... |  |  |
| Domestic ................... | .......... |  |  | ........... | ... | .......... |  |
| Foreign...................... |  |  |  | ........... | ........... | ........... | ............ |
| Used ............................ | ........... | ........... | ........... | ........... | ........... | ........... | ............ |
| New trucks ........................ |  |  |  |  |  |  |  |
| Domestic...................... | ........... |  | ......... | .......... | .......... |  |  |
| Foreign ......................... |  |  |  |  |  |  |  |
| Addenda: |  |  |  |  |  |  |  |
| Final sales of motor vehicles to domestic purchasers ... | 129.37 | 129.80 | 125.81 | 139.68 | 127.60 | 129.04 | 141.25 |
| Private fixed investment in new autos and new light trucks | 121.27 | 112.41 | 109.35 | 109.79 | 101.87 | 107.57 | 112.88 |
| Domestic output of new |  |  |  |  |  |  |  |
| autos ${ }^{2}$................... | 101.22 | 92.85 | 94.79 | 92.11 | 96.57 | 101.17 | 107.06 |
| Sales of imported new autos ${ }^{3}$ | 154.42 | 152.80 | 148.62 | 159.00 | 151.28 | 153.87 | 162.53 |

1. Except for exports and imports, consists of new trucks only.

Consists of final sales and change in private inventories of new autos assembled in the United States 3. Consists of personal consumption expenditures, private fixed investment, and gross government invest-
ment.

## 8. Supplemental Tables

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

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | II | III |  |  |  | III | IV | 1 | II | III |
| Gross domestic product: <br> Current dollars $\qquad$ <br> Chain-type quantity index $\qquad$ <br> Chain-type price index $\qquad$ <br> Implicit price deflator $\qquad$ |  |  |  |  |  |  |  | Imports of services: |  |  |  |  |  |  |  |
|  | 5.9 | 2.6 | 1.9 | 2.2 | 6.5 | 2.5 | 4.3 | Current dollars... | 15.3 | -3.4 | -67.5 | 123.2 | 37.3 | 9.9 | 5.6 |
|  | 3.8 | . 3 | -. ${ }^{1}$ | 2.7 | 5.0 | 1.3 | 3.1 | Chain-type quantity index. | 11.6 | -. 5 | -23.2 | -16.5 | 35.7 | -2.1 | -7.1 |
|  | 2.1 | 2.4 | 2.2 | -. 5 | 1.3 | 1.2 | 1.1 | Chain-type price index ...................... | 3.3 | -2.9 | $-57.7$ | 167.5 | 1.1 | 12.2 | 13.8 |
|  | 2.1 | 2.4 | 2.2 | -. 5 | 1.3 | 1.2 | 1.1 | Implicit price deflator .......................... | 3.3 | -2.9 | -57.7 | 167.4 | 1.1 | 12.2 | 13.8 |
| Personal consumption expenditures: |  |  |  |  |  |  |  | Government consumption expenditures and gross investment: |  |  |  |  |  |  |  |
| Current dollars ........................... | 7.0 | 4.5 | 1.4 | 6.8 | 4.3 | 4.6 | 6.2 | Current dollars .................................... | 6.7 | 6.1 | -1.5 | 10.1 | 9.3 | 4.3 | 3.2 |
| Chain-type quantity index. | 4.4 | 2.5 | 1.5 | 6.0 | 3.1 | 1.8 | 4.2 | Chain-type quantity index ....................... | 2.7 | 3.7 | -1.1 | 10.5 | 5.6 | 1.4 | 1.8 |
| Chain-type price index ........................... | 2.5 | 2.0 | -. 1 | . 8 | 1.1 | 2.7 | 1.9 | Chain-type price index .......................... | 3.9 | 2.4 | -. 3 | -. 3 | 3.6 | 2.8 | 1.4 |
| Implicit price deflator ........................... | 2.5 | 2.0 | -. 1 | 8 | 1.1 | 2.7 | 1.9 | Implicit price deflator ............................ | 3.9 | 2.4 | -. 3 | -. 3 | 3.6 | 2.8 | 1.4 |
| Durable goods: |  |  |  |  |  |  |  | Federal: |  |  |  |  |  |  |  |
| Current dollars ................................. | 6.4 | 4.0 | 1.8 | 31.6 | -10.3 | -. 9 | 20.3 | Current dollars ................................ | 4.3 | 6.6 | 1.7 | 13.0 | 16.4 | 10.0 | 4.1 |
| Chain-type quantity index.................... | 8.2 | 6.0 | 4.6 | 33.6 | -6.3 | 2.0 | 22.7 | Chain-type quantity index ................... | 1.3 | 4.8 | 1.2 | 13.5 | 7.4 | 7.5 | 2.9 |
| Chain-type price index........................ | -1.7 | -1.9 | -2.7 | -1.5 | -4.2 | -2.9 | -1.9 | Chain-type price index ....................... | 3.0 | 1.7 | . 5 | -4 | 8.4 | 2.3 | 1.1 |
| Implicit price deflator ......................... | -1.7 | -1.9 | -2.7 | -1.5 | -4.2 | -2.9 | -1.9 | Implicit price deflator ........................ | 3.0 | 1.7 | . 5 | -. 4 | 8.4 | 2.3 | 1.1 |
| Nondurable goods: |  |  |  |  |  |  |  | National detense: |  |  |  |  |  |  |  |
| Current dollars ................................ | 7.8 | 3.5 | -. 1 | . 0 | 8.2 | 4.5 | 1.9 | Current doilars | 2.9 | 6.7 | 5.2 | 13.1 | 19.7 | 9.9 | 6.4 |
| Chain-type quantity index.................... | 3.9 | 2.0 | 1.3 | 3.6 | 7.9 | - 1 | 1.3 | Chain-type quantity index ................ | - 1 | 5.0 | 4.6 | 14.3 | 11.6 | 7.8 | 5.1 |
| Chain-type price index......................... | 3.8 | 1.5 | -1.4 | -3.5 | .2 | 4.6 | . 6 | Chain-type price index ..................... | 3.0 | 1.6 | . 6 | -1.1 | 7.3 | 2.0 | 1.2 |
| Implicit price deflator ......................... | 3.8 | 1.5 | -1.4 | -3.5 | . 3 | 4.6 | . 6 | Implicit price deflator ...................... | 3.0 | 1.6 | . 6 | -1.0 | 7.2 | 2.0 | 1.2 |
| Services: |  |  |  |  |  |  |  | Nondefense: |  |  |  |  |  |  |  |
| Current dollars ... | 6.7 | 5.2 | 2.0 | 5.7 | 5.6 | 5.7 | 5.6 | Current dollars ............................. | 6.8 | 6.5 | -4.t | 12.9 | 10.9 | 10.0 | . 0 |
| Chain-type quantity index..................... | 3.8 | 2.0 | . 9 | 2.1 | 2.9 | 2.7 | 2.3 | Chain-type quantity index ................ | 3.6 | 4.5 | -4.5 | 12.1 | . 4 | 6.9 | -. 9 |
| Chain-type price index......................... | 2.8 | 3.1 | 1.1 | 3.5 | 2.7 | 3.0 | 3.3 | Chain-type price index ..................... | 3.1 | 1.9 | . 4 | 7 | 10.4 | 2.9 | . 8 |
| Implicit price deflator ......................... | 2.8 | 3.1 | 1.1 | 3.5 | 2.7 | 3.0 | 3.3 | Implicit price deflator ..................... | 3.1 | 1.9 | . 4 | .6 | 10.4 | 2.8 | . 8 |
| Gross private domestic investment: |  |  |  |  |  |  |  | State and local: |  |  |  |  |  |  |  |
| Current dollars ................................... | 7.2 | -9.7 | -5.5 | -17.5 | 16.6 | 7.5 | -1.1 | Current dollars ................................ | 8.0 | 5.9 | -3.0 | 8.6 | 5.8 | 1.3 | 2.8 |
| Chain-type quantity index........................ | 6.2 | -10.7 | -5.2 | -17.3 | 18.2 | 7.9 | -. 3 | Chain-type quantity index ................... | 3.5 | 3.1 | -2.3 | 8.9 | 4.6 | -1.7 | 1.2 |
| Chain-type price index........................... | 1.0 | 1.2 | -. 4 | -. 2 | -1.5 | -. 4 | -. 7 | Chain-type price index ....................... | 4.3 | 2.7 | -. 8 | -. 3 | 1.1 | 3.1 | 1.5 |
| Implicit price deftator ............................. | 1.0 | 1.2 | -. 3 | -. 3 | -1.4 | -. 4 | -. 8 | Implicit price deflator ........................ | 4.3 | 2.7 | -. 8 | -. 3 | 1.1 | 3.0 | 1.5 |
| Fixed investment: |  |  |  |  |  |  |  | Addenda: |  |  |  |  |  |  |  |
| Current dollars .... | 7.3 | -2.7 | -4.5 | -9.0 | -2.0 | -1.2 | -. 3 | Final sales of domestic product: |  |  |  |  |  |  |  |
| Chain-type quantity index.................... | 6.1 | -3.8 | -4.3 | -8.9 | -. 5 | -1.0 | . 2 | Current dollars ................................... | 5.9 | 3.9 | 2.0 | 3.6 | 3.7 | 1.2 | 4.4 |
| Chain-type price index........................ | 1.1 | 1.2 | -2 | -. 1 | -1.5 | -. 2 | -. 5 | Chain-type quantity index ....................... | 3.7 | 1.5 | -2 | 4.2 | 2.4 | -. 1 | 3.2 |
| Implicit price deflator .......................... | 1.1 | 1.2 | -. 2 | -. 1 | -1.5 | -. 3 | -. 5 | Chain-type price index .......................... | 2.1 | 2.4 | 2.2 | -. 5 | 1.3 | 1.2 | 1.2 |
| Nonresidential: |  |  |  |  |  |  |  | Implicit price deflator ............................ | 2.1 | 2.4 | 2.2 | -. 5 | 1.3 | 1.2 | 1.2 |
| Current doilars ... | 7.9 | -5.1 | -7.1 | -12.3 | -7.8 | -3.8 | -.3 | Gross domestic purchases: |  |  |  |  |  |  |  |
| Chain-type quantity index.................. | 7.8 | -5.2 | -6.0 | -10.9 | -5.8 | -2.4 | . 6 | Current dollars ................................... | 7.0 | 2.4 | -. 2 | 3.4 | 6.9 | 4.9 | 4.6 |
| Chain-type price index.................... | 1 | $-2$ | -1.1 | -1.6 | -2.0 | -1.4 | -. 9 | Chain-type quantity index ....................... | 4.4 | 4 | -. 1 | 2.9 | 5.6 | 2.6 | 3.1 |
| Implicit price deflator ..... | . 1 | 2 | -1.1 | -1.6 | -2.0 | -1.4 | -. 9 | Chain-type price index | 2.5 | 1.9 | -. 2 | 4 | 1.2 | 2.3 | 1.4 |
| Structures: |  |  |  |  |  |  |  | Implicit price deflator ........ | 2.5 | 1.9 | -. 1 | . 4 | 1.2 | 2.3 | 1.4 |
| Current dollars. | 10.8 | 3.3 | 2.6 | -31.2 | -17.3 | -17.1 | -15.4 | Final sales to domestic purchasers: |  |  |  |  |  |  |  |
| Chain-type quantity index.............. | 6.5 | -1.7 | 2.9 | -30.1 | -14.2 | -17.6 | -16.0 | Current dollars ......................... | 7.0 | 3.6 | -. 1 | 4.8 | 4.2 | 3.6 | 4.7 |
| Chain-type price index.................. | 4.0 | 5.0 | -. 3 | -1.6 | -3.6 | . 7 | .7 | Chain-type quantity index ....................... | 4.3 | 1.6 | . | 4.3 | 3.0 | 1.3 | 3.2 |
| implicit price deflator ................... | 4.0 | 5.0 | -. 3 | -1.6 | -3.6 | .7 | . 7 | Chain-type price index ........................... | 2.5 | 1.9 | -. 1 | . 5. | 1.1 | 2.3 | 1.4 |
| Equipment and software: |  |  |  |  |  |  |  | Implicit price deflator ............................ | 2.5 | 1.9 | -. 1 | . 5 | 1.1 | 2.3 | 1.4 |
| Current dollars ........................... | 6.9 | -7.8 | -10.5 | -4.0 | -4.2 | 1.1 | 5.0 | Gross national product: |  |  |  |  |  |  |  |
| Chain-type quantity index.............. | 8.2 | -6.4 | -9.2 | -2.5 | -2.7 | 3.3 | 6.5 | Current dollars ................................... | 5.9 | 2.6 | 1.1 | 3.2 | 5.1 | 1.6 |  |
| Chain-type price index................. | -1.2 | -1.5 | -1.5 | -1.6 | -1.5 | -2.1 | -1.4 | Chain-type quantity index ....................... | 3.7 | . 2 | -1.1 | 3.7 | 3.7 | 4 |  |
| Implicit price deflator ................... | -1.2 | -1.5 | -1.5 | -1.6 | -1.5 | -2.1 | -1.4 | Chain-type price index ........................... | 2.1 | 2.4 | 2.2 | -. 5 | 1.3 | 1.2 | ....... |
| Residential: |  |  |  |  |  |  |  | Implicit price deflator ............................ | 2.1 | 2.4 | 2.2 | -. 5 | 1.4 | 1.2 |  |
| Current dollars .............................. | 5.5 | 4.4 | 2.9 | . 1 | 14.2 | 5.4 | -. 3 | Command-hasis gross national product: |  |  |  |  |  |  |  |
| Chain-type quantity index.................. | 1.1 | . 3 | . 4 | -3.5 | 14.2 | 2.7 | -.8 | Chain-type quantity index ...................... | 3.4 | . 5 | . 9 | 2.5 | 3.8 | -. 4 |  |
| Chain-type price index..................... | 4.4 | 4.1 | 2.5 | 3.7 | . 0 | 2.6 | 4 | Disposable personal income: |  |  |  |  |  |  |  |
| Implicit price deflator ....................... | 4.4 | 4.1 | 2.5 | 3.7 | . 0 | 2.6 | . 4 | Current dollars ......... | 7.4 | 3.8 | 10.4 | -6.9 | 15.8 | 6.4 | 4.6 |
|  |  |  |  |  |  |  |  | Chained (1996) dollars .......................... | 4.8 | 1.8 | 10.5 | -7.6 | 14.5 | 3.6 | 2.7 |
| Exports of goods and services: |  |  |  |  |  |  |  | Final sales of computers: ' |  |  |  |  |  |  |  |
| Current dollars .................................... | 11.3 | -6.1 | -18.9 | -13.1 | 2.7 | 17.7 | 5.7 | Current dollars ................................... | 6.2 | -14.4 | -24.8 | 3.1 | -29.9 | -6.9 | 38.8 |
| Chain-type quantity index........................ | 9.7 | -5.4 | -17.3 | $-9.6$ | 3.5 | 14.3 | 2.1 | Chain-type quantity index ....................... | 29.5 | 9.1 | $-5.3$ | 28.9 | $-7.8$ | 13.1 | 74.6 |
| Chain-type price index........................... | 1.4 | -. 8 | -1.9 | $-3.8$ | -. 8 | 3.0 | 3.5 | Chain-type price index ........................... | -18.0 | -21.6 | -20.4 | -19.9 | -24.0 | -17.7 | -20.5 |
| Implicit price deflator ............................ | 1.4 | -. 8 | -1.9 | -3.8 | -. 8 | 3.0 | 3.5 | Implicit price deflator ............................ | -18.0 | $-21.6$ | -20.6 | -20.0 | -24.0 | -17.7 | -20.5 |
| Exporis of goods: |  |  |  |  |  |  |  | Gross domestic product less tinal sales of |  |  |  |  |  |  |  |
| Current dollars ....... | 12.6 | -6.6 | -20.6 | -11.3 | -4.5 | 18.6 | 7.3 | computers: |  |  |  |  |  |  |  |
| Chain-type quantity index..................... | 11.3 | -5.9 | -18.6 | -7.9 | -3.4 | 15.9 | 3.8 | Current dollars | 5.9 | 2.8 | 2.2 | 2.2 | 6.8 | 2.6 | 4.1 |
| Chain-type price index........................ | 1.2 | -.7 | -2.4 | $-3.7$ | -1.1 | 2.3 | 3.4 | Chain-type quantity index ....................... | 3.5 | . 2 | -2 | 2.6 | 5.1 | 1.2 | 2.8 |
| Implicit price deflator .......................... | 1.2 | $-.7$ | -2.5 | -3.7 | -1.1 | 2.3 | 3.4 | Chain-type price index .......................... | 2.3 | 2.6 | 2.4 | -. 4 | 1.5 | 1.4 | 1.3 |
| Exports of services: |  |  |  |  |  |  |  |  | 2.3 | 2.6 | 2.4 | -. 4 | 1.6 | 1.4 | 1.3 |
| Current dollars ................................ | 8.3 | -4.9 | -14.4 | -17.4 | 21.7 | 15.8 | 2.1 | Gross domestic purchases less final sales of |  |  |  |  |  |  |  |
| Chain-type quantity index..................... | 6.0 | -4.0 | -13.9 | -13.8 | 21.7 | 10.7 | -1.6 | computers: |  |  |  |  |  |  |  |
| Chain-type price index....................... | 2.1 | -1.0 | -. 6 | -4.2 | . 0 | 4.6 | 3.8 | Current doliars ................................. | 7.0 | 2.6 | . 1 | 3.3 | 6.8 | 5.0 | 4.4 |
| Implicit price deflator ......................... | 2.1 | -1.0 | -. 6 | -4.2 | . 0 | 4.6 | 3.8 | Chain-type quantity index <br> Chain-type price index | 4.2 2.8 | 2.2 | . 0 | 2.6 .7 | 5.3 1.4 1.4 | 2.5 | 2.8 1.6 |
| Imports of goods and services: |  |  |  |  |  |  |  |  | 2.8 | 2.2 | . 1 | .7 | 1.4 | 2.4 | 1.6 |
| Current dollars ................................... | 18.3 | -5.7 | -26.8 | $-.8$ | 6.8 | 35.7 | 7.4 | Chain-type price indexes for gross domestic |  |  |  |  |  |  |  |
| Chain-type quantity index ....................... | 13.2 | -2.9 | -11.8 | -5.3 | 8.5 | 22.2 | 2.5 | product: |  |  |  |  |  |  |  |
| Chain-type price index............................ | 4.5 | -2.9 | -17.0 | 4.7 | -1.6 | 11.1 | 4.8 | Food | 2.3 | 3.1 | 4.2 | 1.8 | 2.4 | . 3 | 1.4 |
| Implicit price deflator ............................. | 4.5 | -2.9 | -17.1 | 4.7 | -1.6 | 11.1 | 4.8 | Energy goods and services $\qquad$ Gross domestic product less food and | 5.0 | 10.1 | -19.6 | -19.8 | -10.7 | -4.0 | -4.5 |
| Imports of goods: <br> Current dollars |  |  |  |  |  |  |  | Chain-type price indeexes for gross domestic.................... | 2.0 | 2.0 | 2.8 | . 0 | 1.6 | 1.5 | 1.3 |
| Current dollars ................................ | 18.9 | -6.1 | -15.6 | -14.0 | 1.5 | 41.8 | 7.8 | Chain-type price indexes for gross domestic |  |  |  |  |  |  |  |
| Chain-type quantity index.................... | 13.5 | -3.3 | -9.6 | -3.3 | 3.7 | 27.9 | 4.5 | purchases: |  |  |  |  |  |  |  |
|  | $4.8$ | -2.9 | -6.6 | -11.1 | -2.1 | 10.9 | 3.1 |  | 2.3 | 3.0 | 3.5 | 2.3 | 2.4 | . 4 | . 7 |
| Implicit price deflator ......................... | 4.8 | -2.9 | -6.6 | -11.1 | -2.1 | 10.9 | 3.1 | Energy goods and services $\qquad$ Gross domestic purchases less food and | 18.9 | 2.3 | -21.6 | -33.0 | -8.7 | 29.9 | 3.6 |
|  |  |  |  |  |  |  |  | energy | 1.9 | 1.8 | . 6 | 2.0 | 1.4 | 1.5 | 1.4 |

1. For some components of tinal sales of computers, includes computer parts.

NOTE. 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

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | 11 | III |
| Percent change at annual rate: Gross domestic product $\qquad$ | 3.8 | . 3 | -. 3 | 2.7 | 5.0 | 1.3 | 3.1 |
| Percentage points at annual rates: |  |  |  |  |  |  |  |
| Personal consumption expenditures |  |  |  |  |  |  |  |
|  | 2.94.65.17 | $\begin{array}{r} 1.67 \\ .48 \end{array}$ | .97 <br> .36 <br> 1 | 4.05 2.45 1.88 | 2.22 <br> -.55 | 1.22 .16 | 2.95 1.73 |
| Motor vehicles and parts. |  |  | . 13 | 1.88 | -1.18 | -. 03 | 1.44 |
| Furniture and household equipment. | . 35 | . 19 | 20 | 42 | 43 | .20 |  |
| Other...................................... | . 13 | .06 | . 03 | . 15 | 20 | .00 | . 13 |
| Nondurable goods .................... | . 77 | . 39 | . 25 | . 73 | 1.57 | -. 02 | . 27 |
| Food..... | . 37 | . 09 | -. 14 | . 13 | . 65 | -. 09 | -. 02 |
| Clothing and shoes....... | . 18 | . 08 | . 09 | . 28 | . 40 | -. 03 | . 04 |
| Gasoline, fuel oil, and other energy goods | -. 02 | . 02 | . 18 | . 07 | . 16 | -. 03 | -. 01 |
| Other.................................. | . 25 | . 21 | .13 | . 25 | . 37 | -. 13 | . 26 |
| Services.... | 1.51 | . 80 | . 35 | . 87 | 1.20 | 1.08 | . 95 |
| Housing. | . 19 | . 17 | . 09 | . 12 | . 22 | . 21 | . 19 |
| Household operation..... | . 21 | . 05 | . 01 | -. 18 | . 15 | . 06 | . 03 |
| Electricity and gas .... | . 05 | -. 03 | -. 03 | -. 10 | . 14 | . 01 | -. 01 |
| Other household operation.. | . 16 | . 08 | . 04 | -. 08 | . 01 | . 06 | . 05 |
| Transportation... | . 08 | -. 02 | -. 11 | -. 06 | . 10 | -. 03 | -. 04 |
| Medical care...... | . 28 | . 43 | . 53 | . 48 | . 40 | . 51 | . 46 |
| Recreation...... | . 10 | . 08 | -. 05 | . 13 | . 04 | . 07 | -. 01 |
| Other........... | . 65 | . 09 | -. 11 | . 38 | . 30 | . 26 | . 32 |
| Gross private domestic investment | 1.08 | -1.90 | -. 81 | -2.88 | 2.53 | 1.16 | -. 04 |
| Fixed investment.................... | 1.03 | -. 65 | -. 72 | -1.49 | -. 07 | -. 15 | . 03 |
| Nonresidential.... | . 98 | -. 66 | -.73 | -1.33 | -. 66 | -. 27 | . 07 |
| Structures ...................... | . 20 | -. 05 | . 10 | -1.12 | -. 44 | -. 53 | -. 45 |
| Equipment and soltware...... | . 78 | -. 61 | -. 83 | -. 21 | -. 22 | . 26 | . 52 |
| Information processing equipment and software | . 63 | -. 26 | -. 48 | -. 05 | . 25 | . 46 | 47 |
| Computers and peripheral |  |  |  |  |  |  |  |
| equipment .............. | . 17 | -. 02 | -. 18 | . 22 | . 21 | . 10 | . 29 |
| Software '.... | . 16 | -. 02 | -. 05 | . 01 | -.06 | . 20 | . 15 |
| Other.......... | . 30 | -. 22 | -. 26 | -. 27 | . 10 | . 16 | . 04 |
| Industrial equipment.. | . 15 | -. 07 | -. 30 | -. 18 | . 15 | -. 11 | . 11 |
| Transportation equipment | -. 07 | -. 23 | -. 07 | . 22 | -. 56 | -. 32 | -. 11 |
| Other ........................... | . 08 | -. 04 | . 02 | -. 20 | -. 06 | . 23 | . 04 |
| Residential ........................ | . 05 | . 01 | . 02 | -. 16 | . 60 | . 12 | -. 03 |
| Change in private inventories ... | . 06 | -1.24 | -. 09 | -1.39 | 2.60 | 1.31 | -. 07 |
| Farm ............................... | -. 01 | . 04 | . 18 | . 05 | . 09 | -. 20 | -. 13 |
| Nonfarm............................ | . 06 | -1.28 | -. 27 | -1.43 | 2.51 | 1.51 | . 06 |
| Net exports of goods and services | -. 75 | -. 18 | -. 24 | -. 28 | -. 75 | -1.40 | -. 13 |
| Exports..... | 1.04 | -. 59 | -1.94 | -. 99 | . 33 | 1.29 | . 21 |
| Goods ... | . 85 | -.47 | -1.49 | -. 56 | -. 23 | . 99 | . 26 |
| Services ..................................... | . 19 | $-.13$ | -. 45 | -. 42 | . 56 | .30 | -. 05 |
| Imports................................ | -1.79 | . 42 | 1.70 | . 70 | -1.08 | -2.69 | -. 35 |
| Goods ................................ | -1.54 | . 40 | 1.17 | .37 | -.40 | -2.74 | -. 52 |
| Services ............................. | -. 24 | . 01 | . 53 | 33 | -. 68 | . 05 | . 17 |
| Government consumption <br> expendilures and gross <br> investment..................................$\quad .49$ .65 -.21 1.85 1.04 .27 .35 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Federal.. | . 08 | . 29 | . 07 | . 80 | . 47 | . 47 | . 20 |
| National defense .... | . 00 | . 19 | . 18 | . 54 | . 46 | . 32 | . 22 |
| Consumption expenditures. | -. 01 | . 16 | . 10 | . 53 | .34 | . 32 | . 10 |
| Gross investment............... | . 01 | . 02 | . 07 | . 01 | . 12 | . 00 | - 12 |
| Nondefense....................... | . 08 | . 10 | -. 11 | .26 | . 01 | . 16 | -. 02 |
| Consumption expenditures. | . 07 | . 08 | -. 03 | .11 | . 03 | . 10 | . 05 |
| Gross investment.............. | . 01 | . 01 | -. 08 | . 15 | -. 02 | . 06 | -. 07 |
| Slate and local...................... | . 41 | . 36 | -. 28 | 1.05 | . 56 | -. 21 | . 16 |
| Consumption expenditures. | 35 | .30 | . 48 | . 41 | . 25 | . 16 | . 16 |
| Gross investment.............. | . 06 | . 07 | -.76 | . 64 | . 32 | -. 37 | . 00 |
| Addenda: |  |  |  |  |  |  |  |
| Goods... | 1.74 | -. 85 | -. 53 | 1.52 | 2.89 | . 14 | 2.33 |
| Services.. | 1.77 | 1.11 | . 94 | 1.75 | 1.60 | 1.91 | 1.30 |
| Structures.............. | .25 | -. 01 | -. 70 | -.54 | . 56 | -.80 | $-.50$ |
| Motor vehicle output ............... | -. 10 | -. 21 | . 31 | . 48 | . 31 | . 25 | 1.18 |
| Final sales of computers ${ }^{2}$.......... | . 25 | . 08 | -. 04 | . 19 | -. 06 | . 08 | . 38 |

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

Note. The quantity indexes on which the estimates in this table are based are shown in tables 7.1, 7.2, 7.4, 7.6 7.9, 7.11, and 7.17.

Table 8.3. Contributions to Percent Change in Real Personal Consumption Expenditures by Major Type of Product

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | II | III |
| Percent change at annual rate: <br> Personal consumption <br> expenditures <br> 4.4 <br> 2.5 <br> 1.5 <br> 6.0 <br> 3.1 <br> 1.8 <br> 4.2 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| Percentage points at annual rates: |  |  |  |  |  |  |  |
| Durable goods ........................... | . 97 | . 71 | . 53 | 3.56 | -.80 | . 23 | 2.47 |
| Motor vehicles and parts ........... | . 26 | . 35 | . 19 | 2.72 | -1.70 | -. 05 | 2.06 |
| Furniture and household equipment | . 51 | . 28 | . 30 | . 62 | . 61 | . 29 | . 23 |
| Other ............................................. | . 20 | . 08 | .05 | . 21 | .29 | . 00 | . 18 |
| Nondurable goods ....................... | 1.15 | . 58 | . 38 | 1.08 | 2.23 | -. 03 | . 40 |
| Food ...................................... | . 55 | . 13 | -. 20 | . 20 | . 92 | -. 13 | -. 02 |
| Clothing and shoes................. | . 26 | . 12 | . 13 | . 41 | . 57 | -. 04 | . 06 |
| Gasoline, fuel oil, and other |  |  |  |  |  |  |  |
| energy goods ....................... | -. 02 | . 03 | . 26 | . 10 | .22 | -. 04 | -. 02 |
| Gasoline and oil.................... | -. 01 | . 05 | . 26 | . 10 | . 21 | -. 02 | . 00 |
| Fuel oil and coal.................... | -. 01 | -. 03 | . 00 | . 00 | . 01 | -. 02 | -. 01 |
| Other ...................................... | . 36 | . 30 | . 19 | . 37 | . 52 | . 19 | . 38 |
| Services.................................... | 2.23 | 1.17 | . 54 | 1.33 | 1.69 | 1.56 | 1.38 |
| Housing ................................. | . 29 | . 25 | . 14 | . 19 | . 30 | . 30 | . 27 |
| Household operation ................ | . 31 | . 07 | . 01 | -. 25 | . 21 | . 09 | . 05 |
| Electricity and gas..................... | . 08 | -. 04 | -. 04 | -. 14 | . 20 | . 01 | -. 02 |
| Other household operation ..... | . 23 | . 12 | . 05 | -. 12 | . 01 | . 08 | . 07 |
| Transportation........................ | . 11 | -. 03 | -. 16 | -. 08 | . 14 | -. 04 | -. 06 |
| Medical care ............................ | . 42 | . 64 | . 77 | . 72 | . 56 | . 73 | . 66 |
| Recreation .............................. | . 14 | . 11 | -. 07 | . 19 | . 05 | . 10 | -. 01 |
| Other ......... | . 96 | . 13 | -. 16 | . 57 | .41 | . 37 | . 46 |
| Addenda: |  |  |  |  |  |  |  |
| Energy goods and services ' $\qquad$ Personal consumption | . 05 | -. 01 | . 21 | -. 04 | .42 | -. 03 | -. 03 |
| expenditures less food and |  |  |  |  |  |  |  |
| energy.................................... | 3.75 | 2.35 | 1.44 | 5.81 | 1.78 | 1.94 | 4.30 |

1. Consists of gasoline, fuel oil, and other energy goods, and of electricity and gas

NoTE. The quantity indexes on which the estimates in this table are based are shown in table 7.4. The estimates in this table differ from those in table 8.2 because this table shows contributions to real personal consumption expenditures, whereas table 8.2 shows contributions to real gross domestic product.

Table 8.4. Contributions to Percent Change in Real Private Fixed Investment by Type

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | II | III |
| Percent change at annual rate: |  |  |  |  |  |  |  |
| Private fixed investment.... | 6.1 | -3.8 | -4.3 | -8.9 | -. 5 | -1.0 | . 2 |
| Percentage points at annual rates: |  |  |  |  |  |  |  |
| Nonresidential. | 5.77 | -3.88 | -4.42 | -8.03 | -4.29 | -1.74 | . 41 |
| Structures | 1.19 | -. 31 | . 59 | -6.87 | -2.83 | -3.44 | -2.96 |
| Nonresidential buildings, including farm. | . 49 | -. 95 | -2.65 | -3.14 | -1.98 | -2.75 | -2.81 |
| Utilities............................ | . 31 | -. 01 | -. 49 | -. 08 | . 42 | -. 69 | -. 02 |
| Mining exploration, shafts, and wells. | . 37 | . 48 | . 42 | $-.33$ | -1.28 | . 02 | . 05 |
| Other structures .................... | . 03 | . 16 | 3.32 | -3.33 | . 01 | -. 01 | -. 18 |
| Equipment and software........... | 4.58 | -3.57 | -5.02 | -1.16 | -1.46 | 1.70 | 3.37 |
| Information processing |  |  |  |  |  |  |  |
| equipment and software...... <br> Computers and peripheral | 3.70 | -1.54 | -2.92 | -. 24 | 1.57 | 2.99 | 3.11 |
| equipment ${ }^{1}$.................... | 1.01 | -. 13 | -1.08 | 1.36 | 1.32 | . 65 | 1.88 |
| Software ${ }^{2}$......................... | . 92 | -. 13 | -. 28 | . 03 | -. 41 | 1.31 | . 99 |
| Other .............................. | 1.77 | -1.27 | -1.55 | -1.63 | . 66 | 1.02 | . 23 |
| Industrial equipment............. | . 86 | -. 43 | $-1.81$ | -1.11 | . 95 | -70 | . 75 |
| Transportation equipment....... | -. 42 | -1.37 | -. 39 | 1.39 | -3.56 | -2.06 | -. 71 |
| Other.................................. | . 45 | -. 23 | . 10 | -1.20 | -. 42 | 1.48 | . 23 |
| Residential ................................ | . 29 | . 07 | . 11 | -. 88 | 3.79 | . 78 | -. 22 |
| Structures | . 26 | . 07 | . 11 | -. 92 | 3.77 | . 76 | -. 21 |
| Single family ........................ | . 15 | . 11 | . 30 | -. 77 | 1.80 | . 38 | -. 09 |
| Multifamily .......................... | -. 03 | . 11 | . 01 | . 24 | . 62 | -. 06 | . 01 |
| Other structures................... | . 14 | -. 15 | -. 19 | -. 39 | 1.35 | . 43 | -. 14 |
| Equipment............................. | . 03 | . 00 | . 00 | . 04 | . 02 | . 02 | -. 01 |

1. Includes new computers and peripheral equipment only.
. Excludes software "embedded," or bundled, in computers and other equipment.
thre. The quantity indexes on which the estimates in this table are based are shown in table 7.6. The estimates this table differ from those in table 8.2 because this table shows contributions to real private fixed investmen

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

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | 11 | III |
| Percent change at annual rate: <br> Exports of goods and services... <br> Percentage points at annual rates: | 9.7 | -5.4 | -17.3 | -9.6 | 3.5 | 14.3 | 2.1 |
| Exports of goods '... | 7.94 | -4.23 | -13.36 | -5.45 | -2.43 | 10.92 | 2.62 |
| Foods, feeds, and beverages ..... | 27 | . 13 | -. 55 | 82 | . 08 | -. 61 | -. 62 |
| Industrial supplies and materials | 1.48 | -. 58 | -1.23 | . 39 | $-.47$ | 2.84 | -1.01 |
| Capital goods, except automotive Automotive vehicles, engines, | 4.79 | -3.21-.47 | -8.87 | -5.94 | -1.79 | 4.48 | 2.45 |
| Automotive vehicles, engines, and parts | 45 |  | . 02 | -1.10 | -. 25 | 2.73 | . 91 |
| Consumer goods, except automotive $\qquad$ | 81 | -.07 | -2.06 | -. 46 | -.67 | 96 | 75 |
| Other ................................... | 15 | -. 03 | -.67 | 3 | . 67 | 54 | . 14 |
| Exports of services '................... | 1.79 | -1.14 | -3.89 | -4.18 | 5.89 | 3.36 | -. 49 |
| Percent change at annual rate: imports of goods and services.. | 13.2 | -2.9 | -11.8 | -5.3 | 8.5 | 22.2 | 2.5 |
| Percentage points at annual rates: |  |  |  |  |  |  |  |
| Imports of goods '.................... | $\begin{array}{r}11.39 \\ .24 \\ \hline\end{array}$ | -2.78.14 | $\begin{array}{r}-7.97 \\ \hline\end{array}$ | -2.76-.25 | 3.24.18 | 22.25 | 3.69 |
| Foods, feeds, and beverages ..... |  |  |  |  |  |  |  |
| Industrial supplies and materials, except petroleum and products | .834.424.65 | $\begin{array}{r} -45 \\ -.27 \end{array}$ | $\begin{array}{r} .11 \\ -2.40 \end{array}$ | $\begin{array}{r} -.15 \\ -.27 \end{array}$ | - $\begin{array}{r}\text { 68 } \\ -1.25\end{array}$ |  |  |
| Petroieum and products ............ |  |  |  |  |  | 1.38 <br> 2.38 <br> 13 | 1.07 -.72 |
| Capital goods, except automotive |  | -2.73 | $-5.25$ | -1.40 | 2.40 | 3.77 | . 00 |
| Automotive vehicles, engines, and parts. | 1.23 | -. 41 | . 22 | -1.47 | . 98 | 5.21 | -. 31 |
| Consumer goods, except |  |  |  | $\begin{array}{r} -.62 \\ -.86 \\ \hline \end{array}$ | $\begin{array}{r} 2.42 \\ -2.16 \end{array}$ | $\begin{aligned} & 7.03 \\ & 2.32 \end{aligned}$ |  |
|  | . 70 | $\begin{aligned} & .33 \\ & .07 \end{aligned}$ | $\begin{array}{r} -1.29 \\ -.09 \end{array}$ |  |  |  | $\begin{array}{r} 2.80 \\ .58 \end{array}$ |
| Imports of services '................... | 1.81 | -. 08 | -3.79 | -2.54 | 5.31 | -. 10 | -1.23 |

1. Exports and imports of certain goods, primarity military equipment purchased and sold by the Federa Government, are included in services. Beginning with 1986, repairs and atterations of equipment were reclassitied from goods to services.
NOTE. The quantity indexes on which the estimates in this table are based are shown in table 7.10. The estimates in this table differ from those in table 8.2 because this table shows contributions to real exports and to rea imports, whereas table 8.2 shows contributions to real gross domestic product. Because imports are subtracte in the calculation of gross domestic product, the contributions of components of real imports have opposite signs

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

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | 111 | IV | 1 | 11 | 111 |
| Percent change at annual rate: |  |  |  |  |  |  |  |
| Government consumption |  |  |  |  |  |  |  |
| expenditures and gross |  |  |  |  |  |  |  |
| investment '.................. | 2.7 | 3.7 | -1.1 | 10.5 | 5.6 | 1.4 | 1.8 |
| Percentage points at annual rates: |  |  |  |  |  |  |  |
| Federal .................................... | . 43 | 1.61 | . 39 | 4.49 | 2.53 | 2.52 | 1.03 |
| National defense. | -. 01 | 1.06 | . 97 | 3.01 | 2.46 | 1.68 | 1.13 |
| Consumption expenditures ..... | -. 08 | . 92 | . 57 | 2.94 | 1.81 | 1.69 | . 50 |
| Durable goods ${ }^{2} . . . . . . . . . . . . . . . .$. | . 00 | . 09 | . 43 | -. 45 | . 13 | . 03 | . 34 |
| Nondurable goods.............. | . 03 | . 03 | -. 01 | 34 | . 04 | . 03 | -. 01 |
| Services .......................... | -. 11 | . 80 | . 14 | 3.04 | 1.65 | 1.63 | . 18 |
| Compensation of general governmentemployees, |  |  |  |  |  |  |  |
| except own-account investment ${ }^{3}$ $\qquad$ | -. 03 | . 05 | -. 04 | . 09 | . 30 | . 36 | . 20 |
| Consumption of general |  |  |  |  |  |  |  |
| government fixed |  |  |  |  |  |  |  |
| capital ${ }^{4}$...................... | . 00 | -. 01 | . 00 | . 00 | . 01 | . 02 | . 03 |
| Other services ................ | -. 08 | . 76 | . 18 | 2.94 | 1.34 | 1.25 | -. 05 |
| Gross investment.................. | . 07 | .14 | . 40 | . 08 | . 65 | -. 01 | . 63 |
| Structures ........................ | -. 01 | -. 01 | -. 10 | . 13 | -. 12 | . 05 | . 04 |
| Equipment and software ..... | . 08 | . 14 | . 50 | -. 06 | . 77 | -. 07 | . 59 |
| Nondefense............................ | . 44 | . 55 | -. 57 | 1.48 | . 07 | . 84 | -. 11 |
| Consumption expenditures ..... | . 40 | . 47 | -. 16 | . 63 | . 16 | . 52 | . 28 |
| Durable goods ${ }^{2}$................. | . 01 | . 01 | . 00 | . 02 | . 01 | . 00 | . 02 |
| Nondurable goods.............. | -. 01 | 13 | -. 48 | . 10 | . 07 | 22 | -. 12 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| except own-account investment ${ }^{3}$ | . 17 | -. 03 | . 09 | -. 05 | .11 | -. 04 | . 23 |
|  |  |  |  |  |  |  |  |
| government fixed |  |  |  |  |  |  |  |
| capital ${ }^{4}$..................... | . 14 | . 11 | . 10 | . 12 | . 11 | . 11 | . 11 |
| Other services ............... | . 10 | . 26 | . 13 | . 44 | -. 14 | . 22 | . 03 |
| Gross investment.................. | . 04 | . 08 | -. 41 | . 85 | $-.10$ | . 32 | -. 38 |
| Structures ........................ | -. 08 | -. 04 | . 03 | . 38 | . 34 | -. 25 | -. 14 |
| Equipment and software ..... | . 12 | . 11 | -. 44 | . 46 | -. 43 | . 57 | -. 24 |
| State and local ........................... | 2.29 | 2.05 | -1.51 | 5.98 | 3.03 | -1.10 | . 81 |
| Consumption expenditures........ | 1.97 | 1.66 | 2.63 | 2.43 | 1.33 | . 84 | . 82 |
| Durable goods ${ }^{2}$..................... | . 07 | . 06 | . 06 | . 07 | . 06 | . 04 | . 04 |
| Nondurable goods ................. | . 42 | . 36 | . 27 | . 34 | . 24 | . 17 | . 17 |
| Services ............................. | 1.48 | 1.24 | 2.30 | 2.02 | 1.03 | . 63 | . 60 |
|  |  |  |  |  |  |  |  |
| except own-account investment ${ }^{3}$ | 75 | 79 | 1.85 | 128 | . 50 | . 36 | . 40 |
| Consumption of general |  |  |  |  | . 5 |  |  |
| government fixed capital ${ }^{*}$ | . 28 | . 24 | . 24 | . 26 | . 27 | . 20 | . 17 |
| Other services ................... | . 45 | . 21 | . 22 | . 48 | . 26 | . 08 | . 03 |
| Gross investment ...................... | . 32 | . 39 | -4.14 | 3.56 | 1.70 | -1.94 | . 00 |
| Structures ........................... | . 10 | . 23 | -4.34 | 3.61 | 1.95 | -1.87 | . 00 |
| Equipment and software ......... | . 23 | . 16 | . 20 | -. 06 | -. 25 | -. 07 | . 00 |

1. Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.
2. Consumption expenditures for durable goods excludes expenditures classified as investment, except for oods transterred to foreign countries by the Federal Government.
3. Compensation of government employees engaged in new own-account investment and related expenditure
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 lixed assets; use of depreciation assumes a zero net return on these assets.
NOTE. The quantity indexes on which the estimates in this table are based are shown in table 7.11. The esticonsumption expenditures and oross investment whereas table 8.2 shows contributions to real gross domestic product.

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

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | 111 | IV | 1 | 11 | III |
| Current dollars: |  |  |  |  |  |  |  |
| Gross domestic product ................................................................................................. | 34,823 | 35,398 | 35,412 | 35,512 | 35,996 | 36,147 | 36,439 |
| Gross national product ......................................................................................................... | 34,906 29797 | 35,475 30,494 | $\begin{array}{r}35,452 \\ 3051 \\ \hline\end{array}$ | 35,636 3043 | 36,002 30727 | 36,077 31050 | 31.248 |
| Personal income...na........ | 25,237 | 25,957 | 26,387 | 25,853 | 26,759 | 27,124 | 27,364 |
| Personal consumption expenditures........................................................................ | 23,690 | 24,531 | 24,491 | 24,834 | 25,040 | 25,271 | 25,591 |
| Durable goods ........................................................................................... | 2,849 | 2,935 | 2,890 | 3,087 | 2,998 | 2,985 | 3,119 |
| Nondurable goods ....................................................................................... | 6,993 | 7,167 | 7,169 | 7,151 | 7,278 | 7,344 | 7,361 |
| Services .................................................................................................. | 13,848 | 14,430 | 14,432 | 14,596 | 14,765 | 14,942 | 15,111 |
| Chained (1996) dollars: |  |  |  |  |  |  |  |
| Gross domestic product .................................................................................... | 32.579 | 32,352 | 32,216 | 32,350 | 32,681 | 32,718 | 32,892 |
| Gross national product. | 32,667 | 32,432 | 32,263 | 32,471 | 32,696 | 32,663 |  |
| Disposabie personal income. | 23,501 | 23,692 | 24,071 | 23,537 | 24,296 | 24,461 | 24,564 |
| Personal consumption expenditures. | 22,061 | 22,390 | 22,342 | 22,609 | 22,735 | 22,790 | 22,973 |
|  | 3,115 | 3,272 | 3,236 | 3,470 | 3,406 | 3,416 | 3,586 |
| Nondurable goods ........................ | 6,500 | 6,565 | 6,552 | 6.593 | 6,706 | 6,691 | 6,697 |
| Services .................................................................................................... | 12,493 | 12,622 | 12,616 | 12,650 | 12,712 | 12,771 | 12,812 |
| Population (mid-period, thousands).......................................................................... | 282,128 | 284,822 | 285,154 | 285,898 | 286,507 | 287,072 | 287,770 |

Note. Effective with this release, the estimates of population beginning with 1990 are revised to reflect the intercensal population estimates released in September 2002 by the Bureau of the Census.

Table 8.8B. Motor Vehicle Output
[Billions of dollars]

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | 111 | N | 1 | 11 | 111 |
| Motor vehicle output. | 335.4 | 312.0 | 315.6 | 327.7 | 331.8 | 334.7 | 363.5 |
| Auto output.i. | 118.8 | 109.6 | 112.5 | 112.7 | 114.1 | 110.3 | 119.6 |
| Truck output ' | 216.5 | 202.4 | 203.2 | 215.0 | 217.7 | 224.4 | 243.9 |
| Final sales of domestic product . | 329.2 | 329.3 | 316.1 | 364.4 | 320.4 | 312.6 | 356.6 |
| Personal consumption |  |  |  |  |  |  |  |
| expenditures ......................... | 267.5 | 288.4 | 278.3 | 322.6 | 290.6 | 287.5 | 321.4 |
| New motor vehicles..... | 208.1 | 227.8 | 217.4 | 266.2 | 235.1 | 228.8 | 261.4 |
| Autos. | 105.5 | 105.9 | 100.0 | 117.2 | 104.1 | 102.2 | 109.2 |
| Light trucks. | 102.6 | 121.8 | 117.3 | 149.0 | 131.0 | 126.6 | 152.2 |
| Net purchases of used autos ...... | 59.4 | 60.6 | 60.9 | 56.4 | 55.5 | 58.7 | 60.0 |
| Private fixed investment.............. | 150.0 | 127.7 | 124.3 | 125.7 | 114.9 | 119.9 | 125.6 |
| New motor vehicles..... | 186.6 | 164.2 | 159.9 | 159.3 | 147.5 | 155.1 | 162.6 |
| Autos.. | 77.1 | 70.6 | 68.9 | 65.8 | 62.5 | 66.4 | 70.4 |
| Trucks... | 109.5 | 93.6 | 91.1 | 93.5 | 85.0 | 88.7 | 92.2 |
| Light trucks ..................... | 76.5 | 70.2 | 68.4 | 71.2 | 64.0 | 65.7 | 66.3 |
| Other ....... | 33.0 | 23.4 | 22.7 | 22.3 | 21.0 | 23.0 | 25.9 |
| Net purchases of used autos ...... | -36.6 | -36.5 | -35.7 | -33.5 | -32.6 | -35.2 | -37.0 |
| Gross government investment..... | 13.4 | 13.7 | 13.3 | 14.2 | 13.7 | 12.7 | 11.3 |
| Autos .................................. | 3.8 | 3.8 | 4.0 | 4.0 | 4.7 | 3.7 | 3.5 |
| New trucks ............................ | 9.6 | 9.9 | 9.3 | 10.2 | 9.7 | 9.0 | 7.9 |
| Net exports ............................. | -101.7 | -100.5 | -99.8 | -98.1 | -98.9 | -107.5 | -101.8 |
| Exports.. | 26.1 | 25.4 | 26.9 | 26.4 | 25.9 | 28.3 | 30.8 |
| Autos ............................... | 16.7 | 17.8 | 19.3 | 18.9 | 18.6 | 20.6 | 21.6 |
| Trucks | 9.4 | 7.6 | 7.5 | 7.4 | 7.4 | 7.7 | 9.2 |
| Imports... | 127.8 | 125.9 | 126.6 | 124.4 | 124.8 | 135.8 | 132.5 |
| Autos. | 109.2 | 106.7 | 105.6 | 103.7 | 105.7 | 116.6 | 113.9 |
| Trucks .............................. | 18.6 | 19.2 | 21.0 | 20.7 | 19.1 | 19.2 | 18.7 |
| Change in private inventories... | 6.1 | -17.3 | -. 4 | -36.7 | 11.4 | 22.1 | 6.9 |
| Autos............ | 2.1 | -6.1 | . 7 | -12.4 | 7.6 | 10.5 | 5.7 |
| New .... | 1.2 | -6.7 | . 2 | -12.9 | 7.1 | 10.4 | 5.1 |
| Domestic. | . 7 | -7.4 | -. 7 | -13.5 | 6.9 | 9.1 | 8.5 |
| Foreign............................. | . 6 | . | . 8 | . 6 | 2 | 1.3 | -3.4 |
| Used .................................. | . 9 | 6 | . 5 | . 5 | . 5 | . 1 | 7 |
| New trucks. | 4.1 | -11.3 | -1.1 | -24.4 | 3.8 | 11.6 | 1.2 |
| Domestic. | 3.2 | -10.7 | -. 9 | -23.7 | 2.4 | 11.6 | 2.2 |
| Foreign ............................ | . 9 | $-.5$ | -. 2 | -. 7 | 1.4 | . 1 | -1.0 |
|  |  |  |  |  |  |  |  |
| Final sales of motor vehicles to domestic purchasers | 430.9 | 429.8 | 415.8 | 462.5 | 419.3 | 420.1 | 458.4 |
| Private fixed investment in new |  |  |  |  |  |  |  |
| autos and new light trucks......... | 153.6 | 140.8 | 137.3 | 136.9 | 126.5 | 132.1 | 136.7 |
| Domestic output of new autos ${ }^{2}$..... | $\begin{gathered} 117.4 \\ 84 \end{gathered}$ | 107.3 82.9 | $\begin{array}{r} 109.1 \\ 80.5 \end{array}$ | 106.0 87.0 | 111.2 | $\begin{array}{r}115.8 \\ 82 \\ \hline\end{array}$ | 122.3 |
| Sales of imported new autos ${ }^{\text {²........ }}$ | 84.2 | 82.9 | 80.5 | 87.0 | 81.6 | 82.3 | 86.8 |

1. Except for exports and imports, consists of new trucks only

Consists of final sales and change in private inventories of new autos assembled in the United States.
3. Consists of personal consumption expenditures, private fixed investment, and gross government invest-

Table 8.98. Real Motor Vehicie Output
[Billions of chained (1996) dollars]

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | II | III |
| Motor vehicle output............. | 336.5 | 315.9 | 320.2 | 332.6 | 340.5 | 347.2 | 379.1 |
| Auto Output...................... | 122.2 | 113.4 | 116.8 | 117.0 | 119.8 | 117.3 | 127.4 |
| Truck output '.................... | 213.7 | 202.0 | 203.0 | 214.9 | 220.0 | 229.0 | 250.7 |
| Final sales of domestic product ....... | 330.8 | 333.9 | 321.0 | 370.2 | 328.7 | 324.3 | 371.7 |
| Personal consumption |  |  |  |  |  |  |  |
| expenditures.. | 269.0 | 290.0 | 280.9 | 324.8 | 295.9 | 295.8 | 330.2 |
| New motor vehicles | 208.3 | 229.2 | 219.7 | 267.5 | 239.1 | 234.9 | 268.4 |
| Autos | 107.0 | 108.0 | 102.3 | 119.3 | 106.8 | 105.8 | 113.2 |
| Light trucks. | 101.2 | 120.9 | 117.0 | 147.6 | 131.8 | 128.7 | 154.6 |
| Net purchases of used autos ...... | 60.4 | 60.4 | 60.8 | 56.9 | 56.5 | 60.5 | 61.4 |
| Private fixed investment.............. | 149.1 | 129.1 | 125.2 | 126.7 | 115.8 | 121.7 | 129.3 |
| New motor vehicles .................. | 186.8 | 165.8 | 161.4 | 161.0 | 149.6 | 158.7 | 168.0 |
| Autos. | 78.3 | 71.9 | 70.4 | 67.0 | 64.1 | 68.7 | 72.9 |
| Trucks. | 108.6 | 94.0 | 91.1 | 94.1 | 85.6 | 90.1 | 95.2 |
| Light trucks ....................... | 77.1 | 72.0 | 69.6 | 73.7 | 66.3 | 69.1 | 71.6 |
| Other ........... | 31.7 | 22.4 | 21.8 | 21.0 | 19.7 | 21.4 | 23.8 |
| Net purchases of used autos ...... | -37.5 | -36.7 | -36.1 | -34.2 | -33.7 | -37.0 | -38.6 |
| Gross government investment ...... | 13.2 | 13.7 | 13.3 | 14.2 | 13.6 | 12.7 | 11.4 |
| Autos.................................... | 3.7 | 3.7 | 3.9 | 3.9 | 3.9 | 3.5 | 3.3 |
| New trucks ............................. | 9.5 | 10.0 | 9.4 | 10.3 | 9.8 | 9.2 | 8.1 |
| Net exports ............................... | -99.4 | -97.8 | -97.3 | -94.9 | -95.7 | -104.3 | -98.7 |
| Exports ................................... | 24.9 | 24.0 | 25.4 | 24.9 | 24.4 | 26.6 | 28.8 |
| Autos. | 16.2 | 17.2 | 18.6 | 18.2 | 17.8 | 19.7 | 20.6 |
| Trucks ................................. | 8.7 | 7.0 | 6.9 | 6.8 | 6.7 | 7.0 | 8.3 |
| Imports.................................. | 124.2 | 121.8 | 122.7 | 119.8 | 120.1 | 130.9 | 127.5 |
| Autos. | 106.5 | 103.7 | 102.9 | 100.2 | 102.1 | 112.9 | 110.0 |
| Trucks ................................ | 17.8 | 18.2 | 19.8 | 19.6 | 18.0 | 18.0 | 17.5 |
| Change in private inventories.......... | 5.7 | -15.9 | -. 4 | -33.5 | 10.2 | 20.1 | 6.2 |
| Autos.. | 2.1 | -6.2 | . 7 | -12.7 | 7.8 | 10.8 | 5.9 |
| New ...................................... | 1.2 | -6.8 | . 2 | -13.2 | 7.2 | 10.7 | 5.2 |
| Domestic ............................ | . 7 | -7.6 | -. 7 | -14.0 | 7.1 | 9.5 | 8.9 |
| Foreign................................ | . 5 | .7 | . 8 | . 6 | . 2 | 1.2 | -3.3 |
| Used ..................................... | . 9 | . 6 | . 5 | . 5 | . 5 | . 1 | . 7 |
| New trucks ................................ | 3.3 | -8.8 | -. 9 | -18.8 | 2.8 | 8.7 | . 9 |
| Domestic ............................... | 2.6 | -8.3 | -. 7 | -18.0 | 1.7 | 8.6 | 1.6 |
| Foreign .................................. | . 8 | -. 5 | -. 2 | 7 | 1.3 | 1 | -. 9 |
| Residual....................................... | -1.0 | -3.9 | -1.4 | -6.5 | . 1 | 2.0 | . 4 |
| Addenda: <br> Final sales of motor vehicles to domestic purchasers. $\qquad$ Private fixed investment in new autos and new light trucks $\qquad$ Domestic output of new autos ${ }^{2}$...... Sales of imported new autos ${ }^{3}$......... |  |  |  |  |  |  |  |
|  | 431.1 | 432.5 | 419.2 | 465.4 | 425.2 | 430.0 | 470.7 |
|  |  |  |  |  |  |  |  |
|  | 155.2 | 143.8 | 139.9 | 140.5 | 130.4 | 137.6 | 144.4 |
|  | 118.1 | 108.4 | 110.6 | 107.5 | 112.7 | 118.1 | 124.9 |
|  | 85.4 | 84.6 | 82.2 | 88.0 | 83.7 | 85.1 | 89.9 |

1. Except for exports and imports, consists of new trucks oniy.
2. Consists of final sales and change in private inventories of new autos assembled in the United States.
3. Consists of personal consumption expenditures, private fixed investment, and gross government investment.
Note. Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-doliar value of the corresponding series, divided by 100 . Because the formula for the chain-type quantity tive. The residual line is the difference between the first line and the sum of the most detailed lines, exchuding the ines in the addend
Chain-type quantity indexes for the series in this table are shown in table 7.18B

Table 8.30. Contributions to Percent Change in the Gross Domestic Purchases Price Index

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  | 2002 |  |  |
|  |  |  | III | IV | 1 | 11 | III |
| Percent change at annual rate: <br> Gross domestic purchases | 2.5 | 1.9 | -. 2 | . 4 | 1.2 | 2.3 | 1.4 |
| Percentage points at annual rates: |  |  |  |  |  |  |  |
| Personal consumption expenditures ........................................................................... | $\begin{array}{r} 1.67 \\ -14 \end{array}$ | 1.34-.16 | -. 03 | $\begin{array}{r} .55 \\ -.12 \\ -.04 \end{array}$ | $\begin{array}{r}.74 \\ -.35 \\ \hline 13\end{array}$ | 1.83 | 1.25-.16 |
| Durable goods ............................................................................................................ |  |  | -.21 |  |  | -. 23 |  |
| Motor vehicles and parts ....................................................................................................... | -. 01 | .01-.17 | -. 05 |  | -.13 <br> -20 | -. 10 |  |
| Furniture and household equipment .................................................................... |  |  | -. 16 | .04 -.15 |  | -. 12 | .03 -.16 |
| Other................................................................................................... | -. 01 | . 01 | -. 01 | -. 01 | -. 02 | .89.05 | -.16 -.02 |
| Nondurable goods ............................................................................................... | .72 <br> .22 | . 29 | -. 23 | -. 22 | . 23 |  | . 12 |
| Food............ |  |  | - |  |  |  |  |
| Clothing and shoes .................................................................................. | -. 04 | -. 06 |  | -.07 | -. -17 | -. 04 | -. 11 |
| Gasoline, fuel oil, and other energy goods. | . 42 | $\begin{array}{r}-.06 \\ .12 \\ \hline 1.31\end{array}$ | -. 20 |  | -. 17 |  |  |
| Other................................................................................................... | . 12 |  |  | -.93 | . 05 | .16.18 | . 09 |
| Services.. | 1.08.30 | $\begin{array}{r}1.21 \\ \hline\end{array}$ | 44 | 1.37 | 1.05 |  | $\begin{array}{r}1.28 \\ \hline 28\end{array}$ |
| Housing ............................................................................................... |  |  | - 41 | $\begin{array}{r}\text { - } \\ -.14 \\ \hline\end{array}$ | . 42 | 1.18 .33 |  |
| Household operation. | . 07 | . 15 |  |  | -. -10 | .03 | .28 .13 |
| Electricity and gas.. | . 08 | . 15 | -. 13 | -.24 |  |  | . 01 |
| 0 ther household operation. | -. 01 | . 00 | -. 02 | . 11 | . 05 | -. 11 | . 124 |
| Transportation.................... |  |  |  |  | . 23 | . 11 |  |
| Medical care........ | . 29 | . 37 | -.02 | . 46 |  |  | .36.08 |
| Recreation............ |  | . 08 | . 06 |  | . 06 | .11 |  |
| Other.................................................................................................... | . 32 | . 19 | . 01 | . 52 | . 33 | . 35 | . 40 |
| Gross private domestic investment | . 18 | . 19 | -. 08 | -. 04 | -. 22 | -. 06 | -. 10 |
| Fixed investment. | . 191 | . 19 | -. 03 | -. 18 | -. 22 | -. 15 | -. 07 |
| Nonresidential.......................................................................................... |  |  |  |  | -. 22 |  | -. 09 |
| Structures. | . 12 | . 15 | -. 01 | -. 05 | -. 10 | . 02 | . 02 |
| Equipment and sottware......................................................................... | -11-14 | -. 16 | -. 12 | -. 16 | -.12-.11 | -.17-.13 | -. 11 |
| Information processing equipment and software ............................................ |  |  | -. 20 |  |  |  |  |
| Computers and peripheral equipment...................................................... | -.11.- .13.02 | -. 17 | -.14-.03 | -.14 | -100 | -.06 | -. 10.03 |
| Software '......................................................................................... |  |  |  |  |  |  |  |
| Other.......................................................................................... | -. 03 | -.03 | -.02 | -.02 | -.01 | -.02 | -. 02 |
| Industrial equipment ............................................................................. | . 01 | -. 01 |  |  |  | -. 01 |  |
| Transportation equipment.. | . 02 |  | . 06 | .00.01 | $\begin{array}{r}-.01 \\ .00 \\ \hline\end{array}$ | -.03 | -. 06 |
| Other equipment................................................................................. | . 01 |  | . 01 |  | . 01 | -. 01 |  |
| Residential ........................................................................................... | . 18 | 17 | $\begin{array}{r}\text {. } \\ -.05 \\ \hline\end{array}$ | . 16 | . 00 | . 11 | . 02 |
| Change in private inventories | -. 01 | . 00 |  | -. 02 |  | -.03 | -.03-.00-.03 |
|  | .00-.01 | .00 <br> .00 | .00-.05 |  | .00.00 |  |  |
| Nonfarm................................................................................................ |  |  |  | -.02 |  |  |  |
| Government consumption expenditures and gross investment................................... | .66 | . 41 | -. 06 | -. 06 | . 64 | . 51 | . 25 |
| Federal... | . 18 | . 10 | . 03 | -.03 | . 28 | 15 | . 07 |
| National defense ........................................................................................ |  |  |  |  |  |  | . 05 |
|  | . 11 | . 07 | . 03 | -.02 | -. 29 | . 08 |  |
| Gross investment................................................................................... |  |  |  |  |  | . 00 |  |
| Nondefense........................................................................................... | .06 | . 04 | .01 | . 01 | . 22 | . 06 | . 02 |
| Consumption expenditures ........................................................................ | . 06 | . 04 | . 01 | . 01 | . 23 | . 07 | . 02 |
| Gross investment.................................................................................. | . 01 | . 00 | . 00 | . 00 | . 00 | . 00 | . 00 |
| State and local. | . 49 | . 31 | -. 09 | -. 04 | . 13 | . 36 | . 18 |
| Consumption expenditures ............................................................................. | . 41 | . 26 | -. 10 | -.08 | . 13 | . 33 | . 16 |
|  | . 07 | . 05 | . 01 | . 05 | . 00 | . 03 | . 01 |
| Addenda: |  |  |  |  |  |  |  |
| Final sales of computers ${ }^{2}$............................................................................. | -. 21 | -. 27 | -. 24 | -. 23 | -. 19 | -. 11 | -. 16 |
| Gross domestic purchases less final sales of computers ........................................... | 2.72 | 2.21 | . 07 | . 68 | 1.35 | 2.39 | 1.55 |
| Food ................................................................................................. | . 22 | . 28 | -133 | . 22 | . 23 | . 04 | . 13 |
|  | 1.65 | $\begin{array}{r}.09 \\ 1.57 \\ \hline\end{array}$ | -1.00 .50 | -1.52 1.74 | --32 | .93 1.31 | 1.20 |

1. Excludes software "embedded," or bundied, in computers and other equipment
2. For some components of final sales of computers, includes computer parts.

Nore. The price indexes on which the estimates in this table are based are shown in tables 7.1, 7.2, 7.4, 7.6, and 7.11.

## B. Other NIPA and NIPA-Related Tables

## Monthly Estimates

Tables B. 1 and B. 2 include the most recent estimates of personal income and its components; these estimates were released on November 1, 2002, and they include "preliminary" estimates for September 2002 and "revised" estimates for July and August 2002.

Table B.1. Personal Income
[Billions of dollars; monthly estimates seasonally adjusted at annual rates]

|  | 2000 | 2001 | 2001 |  |  |  |  | 2002 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | March | April | May | June | July : | Aug. ' | Sept. ${ }^{\text {a }}$ |
| Personal income | 8.406 .6 | 8,685.3 | 8,701.0 | 8,707.5 | 8,685.2 | 8,686.7 | 8,730.9 | 8,766.8 | 8,807.2 | 8,836.3 | 8,869.2 | 8,906.0 | 8,966.0 | 8,962.5 | 8,988.8 | 9,025.8 |
| Wage and salary disbursements. | 4.836 .3 | 4,950.6 | 4,952.3 | 4,946.1 | 4,923.5 | 4,922.3 | 4,948.6 | 4,941.0 | 4,956.9 | 4,975.4 | 4,972.7 | 4,990.1 | 5.028 .0 | 5,013.1 | 5,040.2 | 5,069.9 |
| Private industries ...........). | 4.067 .4 | 4,139.8 | 4,136.1 | 4,124.6 | 4,100.2 | 4,097.6 | 4,120.8 | 4, 104.7 | 4,16.0 | 4,131.4 | 4,126.9 | 4,141.8 | 4,177.1 | $4,159.6$ | 4,183.2 | 4,211.0 |
| Goods-producing industries. | 1.163 .7 <br> 829.4 | 1.1829 .4 | 782.9 | 779.1 | ${ }^{1,172.9}$ | 768.6 | 7.768 .2 | 7, 759.1 | 759.0 | 7.760 .2 | ${ }^{7} 759.1$ | ${ }^{7} 160.6$ | 764.7 | 759.3 | 7,761.1 | 761.4 |
| Distributive industries | 1,094.8 | 1,109.2 | 1,112.0 | 1,103.1 | 1,097.3 | 1,096.1 | 1,102.4 | 1,103.6 | 1,109.6 | 1,177.1 | 1,113.2 | 1,118.1 | 1,126.6 | 1,119.2 | 1,122.4 | 1.130.4 |
| Service industries.... | 1.808 .9 | 1,888.2 | 1.884 .2 | 1,885.4 | 1,877.8 | 1,879.8 | 1,895.4 | 1,885.9 | 1,890.3 | 1,894.8 | 1,897.4 | 1,906.6 | 1,927.4 | 1,923.4 | 1,938.8 | 1,957.0 |
| Government. | 768.9 | 810.8 | 816.2 | 821.5 | ${ }^{823.3}$ | 824.6 | 827.8 | 836.3 | 840.9 | 844.1 | 845.8 | 848.3 | 851.0 | 853.5 | 857.0 | 858.9 |
| Other labor income................................................... | 544.2 | 570.4 | 572.3 | 573.8 | 574.7 | 576.2 | 577.9 | 586.1 | 590.7 | 595.5 | 599.8 | 603.9 | 608.5 | 612.7 | 617.2 | 621.6 |
| Proprietors' income with IVA and CCAdj $\qquad$ <br> Farm. $\qquad$ | 714.8 <br> 22.6 <br> 18 | $\begin{array}{r}727.9 \\ 19.0 \\ \hline\end{array}$ | 732.1 19.3 712.8 | 735.9 79.4 7 | 727.8 19.1 | 729.4 19.2 | 736.8 19.4 7 | 743.3 <br> 20.8 | $\begin{array}{r}750.0 \\ 21.8 \\ \hline\end{array}$ | $\begin{array}{r}751.9 \\ 22.5 \\ \hline\end{array}$ | $\begin{array}{r}751.4 \\ 14.0 \\ \hline\end{array}$ | 746.0 5.1 | $\begin{array}{r}745.1 \\ 3.3 \\ \hline 1\end{array}$ | 754.6 7.5 7.5 | $\begin{array}{r}756.7 \\ 10.4 \\ \hline\end{array}$ | 763.8 13.2 |
| Nontarm .................................................................. | 692.2 | 708.8 | 712.8 | 716.4 | 708.7 | 710.2 | 717.4 | 722.4 | 728.2 | 729.4 | 737.4 | 740.9 | 741.7 | 747.1 | 746.3 | 750.6 |
| Rental income of persons with CCAdj....................... | 146.6 | 137.9 | 141.1 | 143.5 | 141.0 | 139.6 | 137.3 | 139.4 | 141.3 | 143.2 | 148.3 | 153.5 | 158.7 | 153.0 | 144.4 | 135.9 |
| Personal dividend income .......................... | 375.7 | 409.2 | 411.0 | 413.1 | 415.1 | 417.2 | 419.6 | 421.8 | 423.8 | 425.5 | 428.0 | 430.3 | 432.7 | 435.0 | 437.3 | 439,4 |
| Personal interest income...................................... | 1,077.0 | 1,091.3 | 1,086.5 | 1,082.3 | 1,074.7 | 1,072.2 | 1,071.9 | 1,070.9 | 1,069.9 | 1,069.0 | 1,075.7 | 1,082.3 | 1,088.9 | 1,085.8 | 1,082.8 | 1,079.8 |
| Transter payments to persons.......................... | 1,070.3 | 1,170.4 | 1,178.7 | 1,185.7 | 1,200.3 | 1,201.9 | 1,212.9 | 1,243.5 | 1,255.0 | 1,257.6 | 1,275.0 | 1,282.9 | 1,289.9 | 1,293.2 | 1,296.9 | 1,304.4 |
| Old-age, survivors, disability, and heath insurance benefits | 617.2 | 664.3 | 668.2 | 669.3 | 670.3 | 673.5 | 678.2 | 688.7 | 693.2 | 688.6 | 695.1 | 696.3 | 697.4 | 699.2 | 701.9 | 704.6 |
| Government unemployment insurance benefits .......... | 20.5 | 31.9 | 31.2 | 34.9 | 41.8 | 39.0 | 42.3 | 48.1 | 52.6 | 56.2 | 63.5 | 67.7 | 70.8 | 68.2 | 66.9 | 67.7 |
| Other ..................................................... | 432.5 | 474.2 | 479.3 | 481.6 | 488.2 | 489.4 | 492.4 | 506.7 | 509.1 | 512.8 | 516.4 | 518.9 | 521.7 | 525.8 | 528.0 | 532.1 |
| Less: Personal contributions for social insurance........... | 358.4 | 372.3 | 373.0 | 372.9 | 371.9 | 372.1 | 374.0 | 379.2 | 380.4 | 381.8 | 381.8 | 383.1 | 385.7 | 384.9 | 386.8 | 388.9 |

-Preliminary.
Revised.
CCAdj Capital consumption adjustment.
IVA Inventory valuation adjustment.
Source: U.S. Bureau of Economic Analysis
Table B.2. The Disposition of Personal Income
[Monthly estimates seasonally adjusted at annual rates]

|  | 2000 | 2001 | 2001 |  |  |  |  | 2002 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | March | April | May | June | July ${ }^{\text {r }}$ | Aug. ' | Sept. ${ }^{p}$ |
|  | Billions of doliars, unless otherwise indicated |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Personal income | 8,406.6 | 8,685.3 | 8,701.0 | 8,707.5 | 8,685.2 | 8,686.7 | 8,730.9 | 8,766.8 | 8,807.2 | 8,836.3 | 8,869.2 | 8,906.0 | 8,966.0 | 8,962.5 | 8,988.8 | 9,025.8 |
| Less: Personal tax and nontax payments ...................... | 1,286.4 | 1,292.1 | 1,106.7 | 1,190.9 | 1,312.7 | 1,304.5 | 1,312.0 | 1,140.1 | 1,136.1 | 1,134.0 | 1,127.4 | 1,125.4 | 1,128.7 | 1,118.2 | 1,117.7 | 1,117.9 |
| Equals: Disposable persomal income .......................... | 7,120.2 | 7,393.2 | 7,594.3 | 7,516.6 | 7,372.4 | 7,382.2 | 7,418.9 | 7,626.7 | 7,671.1 | 7,702.2 | 7,741.7 | 7,780.6 | 7,837.4 | 7,844.2 | 7,871.1 | 7,907.9 |
| Less: Personal outlays ............................................... | 6,918.6 | 7,223.5 | 7,256.2 | 7,172.6 | 7,346.9 | 7,316.9 | 7,325.1 | 7,355.7 | 7,408.9 | 7,424.3 | 7,464.1 | 7,467.9 | 7,501.8 | 7,576.7 | 7,604.3 | 7,572.0 |
| Personal consumption expenditures $\qquad$ Durable goods | 6.683 .7 803.9 | 6,987.0 | 7.017.8 | $6,935.8$ 809.2 | 7.114 .5 913.2 | 7,087.4 | 7.097 .9 856.2 | 7.130 .6 853.6 | 7.186 .8 | $\begin{array}{r}7.205 .3 \\ \hline 859.8 \\ \hline\end{array}$ | 7,242.7 | 7.244 .6 | 7.276 .7 857.4 | 7,354.1 | $\begin{array}{r}7.384 .3 \\ \hline 918.9\end{array}$ | 7,354.7 |
| Durable goods. <br> Nondurable goods | 803.9 1,972.9 | 2,041.3 | 2,043.2 | 2,043.9 | 2,046.4 | 878.4 $2,036.1$ | 2,050.7 | 2,074.1 | 2,089.1 | 2,092.1 | 2,110.9 | 845.2 | 2,111.7 | 2,117.7 | 918.9 $2,119.8$ | 2,117.7 |
| Services ................ | 3,906.9 | 4,109.9 | 4,142.0 | 4,082.8 | 4,154.9 | 4,172.8 | 4,191.0 | 4,202.8 | 4,234.2 | 4,253.4 | 4,263.5 | 4,297.4 | 4,307.6 | 4,334.9 | 4,345.6 | 4,365.0 |
| Interest paid by persons $\qquad$ Personal transter payments to the rest of the world (net) | 205.4 29.5 | 205.4 31.1 | 206.7 31.8 | 204.9 31.8 | 201.8 30.6 | 198.9 30.6 | 196.7 30.6 | 193.7 31.5 | 190.6 31.5 | 187.6 31.5 | 189.4 31.9 | 191.3 31.9 | 193.2 31.9 | 190.5 32.2 | 187.8 32.2 | 185.2 32.2 |
| Equals: Personal saving............................................. | 201.5 | 169.7 | 338.0 | 344.0 | 25.5 | 65.3 | 93.8 | 271.0 | 262.2 | 277.9 | 277.7 | 312.7 | 335.6 | 267.5 | 266.8 | 335.8 |
| Addenda: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Disposable personal income: <br> Billions of chained (1996) dollars ${ }^{1}$ $\qquad$ <br> Per capita: | 6,630.3 | 6,748.0 | 6,917.5 | 6,878.2 | 6,706.9 | 6,718.7 | 6,761.9 | 6,938.8 | 6,965.7 | 6,978.3 | 6,983.3 | 7,020.1 | 7,062.8 | 7,057.8 | 7,064.9 | 7,083.2 |
| Current dollars $\qquad$ <br> Chained (1996 dollars) $\qquad$ | 25,237 23,501 | 25,957 23,692 | 26,633 24,259 | 26,336 24,100 | 25,808 23,478 | 25,821 23,500 | 25,929 23,633 | 26,636 24,234 | 26,774 24,312 | 26,867 24,342 | 26,987 24,344 | 27,104 24,455 | 27,281 24,585 | 27,283 | 27,352 | 27,456 24,592 |
| Population (thousands) ${ }^{2}$......................................... | 282,128 | 284,822 | 285,15 $\dagger$ | 285,409 | 285,666 | 285,906 | 286,124 | 286,328 | 286,512 | 286,681 | 286,865 | 287,067 | 287,284 | 287,519 | 287,768 | 288,024 |
| Personal consumption expenditures: <br> Billions of chained (1996) doilars. | 6,223.9 | 6,377.2 | 6.392 .3 | 6,346,9 | 6,472.3 | 6.450 .3 | 6,469.3 | 6,487.4 | 6,526.0 | 6,528.1 | 6,533.2 | 6,536.6 | 6.557.5 | 6.616 .8 | 6.628 .0 | 6.5877 |
| Durable goods ................................................. | 878.9 | 931.9 | 932.6 | 909.4 | 1,026.5 | 6,487.1 | 962.4 | 9663.6 | 6,582.9 | 6,581.2 | -992. | 6,596.3 | 6,583.2 | 6,616.6 | 1,057.2 | $6,587.7$ $1,002.7$ |
| Nondurable goods................................................................. | 1,833.8 | 1,869.8 | 1,875.3 | 1,857.4 | 1,873.5 | 1,877.2 | 1,904.4 | 1,920.5 | 1,926.1 | 1,917.5 | 1,915.9 | 1,919.7 | 1,926.9 | 1,930.9 | 1,928.4 | 1,922.1 |
| Services ...................................................... | 3,524.5 | 3,594.9 | 3,603.4 | 3,595.1 | $3,608.7$ | 3,614.7 | 3,626.3 | 3,627.3 | 3,644.0 | 3,655.2 | 3,653 ? | 3,672.4 | 3.672 .9 | 3,685.9 | 3.683 .4 | 3,691.4 |
| Implicit price deflator, 1996=100........................... | 107.39 | 109.56 | 109.78 | 109.28 | 109.92 | 109.88 | 109.72 | 109.92 | 110.13 | 110.38 | 110.86 | 110.83 | 110.97 | 111.14 | 111.41 | 111.64 |
| Personal saving as percentage of disposable personal income $\qquad$ | 2.8 | 2.3 | 4.5 | 4.6 | 0.3 | 0.9 | 1.3 | 3.6 | 3.4 | 3.6 | 3.6 | 4.0 | 4.3 | 3.4 | 3.4 | 4.2 |
|  | Percent change from preceding period, monthly changes at monthly rates |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Personal income, current dollars ................................ | 8.0 | 3.3 | -0.1 | 0.1 | -0.3 | 0.0 | 0.5 | 0.4 | 0.5 | 0.3 | 0.4 | 0.4 | 0.7 | 0.0 | 0.3 | 0.4 |
| Disposable personal income: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Current dollars ..................................................... | 7.4 | 3.8 | 1.8 | -1.0 | -1.9 | 0.1 | 0.5 | 2.8 | 0.6 | 0.4 | 0.5 | 0.5 | 0.7 | 0.1 | 0.3 | 0.5 |
| Chained (1996) dollars........................................... | 4.8 | 1.8 | 1.8 | -0.6 | -2.5 | 0.2 | 0.6 | 2.6 | 0.4 | 0.2 | 0.1 | 0.5 | 0.6 | -0.1 | 0.1 | 0.3 |
| Personal consumption expenditures: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Current dollars .................................................... | 7.0 | 4.5 | 0.3 | -1.2 | 2.6 | -0.4 | 0.1 | 0.5 | 0.8 | 0.3 | 0.5 | 0.0 | 0.4 | 1.1 | 0.4 | -0.4 |
| Chained (1996) dollars........................................... | 4.4 | 2.5 | 0.3 | -0.7 | 2.0 | -0.3 | 0.3 | 0.3 | 0.6 | 0.0 | 0.1 | 0.1 | 0.3 | 0.9 | 0.2 | -0.6 |

## PPreliminary

Revised.
population. The monthly estimate is the average of estimates for the first of the morth and the first of the following month
the annual estimate is the average of the monthly estimates. Effective with this release, the estimates of population beginning with 1990 are revised to reflect the intercensal population estimates released in September 2002 by the Bureau of Census.
Source: U.S. Bureau of Economic Analysis.

## Annual Estimates

Except as noted for table B. 3 below, these tables are derived from the NIPA tables that were published in the August and September 2002 issues of the Survey of Current Business, and the estimates reflect the most recent comprehensive and annual NIPA revisions.

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

|  | Billions of dollars |  |  | Billions of chained (1996) dollars |  |  |  | Billions of dollars |  |  | Billions of chained (1996) dollars |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1998 | 1999 | 2000 | 1998 | 1999 | 2000 |  | 1998 | 1999 | 2000 | 1998 | 1999 | 2000 |
| Gross domestic product ..... | 8,781.5 | 9,268.6 | 9,872.9 | 8,508.9 | 8,856.5 | 9,224.0 | Transportation services Communications. | 28.0 238.5 | 258.9 | 328.1 | 27.8 231.2 | 29.8 256.5 | 30.6 283.9 |
| Private industries....... | 7,678.2 | 8,116.9 | 8,656.5 | 7,490.6 | 7,852.7 | 8,177.6 | Telephone and telegraph......... | 179.4 59.1 | 196.4 | 208.9 | 181.3 50.3 | 208.0 | 232.5 |
| Agriculture, forestry, and fishing | 128.0 | 127.2 | 135.8 | 145.5 | 153.4 | 166.3 | Electric, gas, and sanitary | 9.1 | 62.1 | 72.2 | 50.3 | 50.3 | 54.1 |
| Farms. | . 6 | 74.3 | 79.0 | 100.3 | 106.0 | 120.5 | services ............ | 204.8 | 215.6 | 230.0 | 193.7 | 212.9 | 217.9 |
| Agricultural services, forestry, and fishing .......................... | 47.4 | 3.0 | 56.7 | 44.4 | 46.7 | 47.3 |  |  |  |  |  |  |  |
| Mining | 100.2 | 103.3 | 127.1 | 119.7 | 112.0 | 95.2 | Whalesale tra | 607.9 | 633.5 | 674.1 | 663.3 | 688.8 | 708. |
| Metal mining | 5.4 | 5.0 | 4.9 | 7.7 | 8.2 | 7.4 |  |  |  |  |  |  |  |
| Coal mining ... | 10.7 | 10.6 | 10.1 | 11.9 | ${ }^{13.5}$ | 13.5 | Retail trade ...... | 790.4 | 834.9 | 893.9 | 800.0 | 843.7 | 905.7 |
| Oil and gas extraction $\qquad$ Nonmetallic minerals, except | 72.8 | 76.2 | 99.5 | 89.4 | 79.8 | 63.4 |  |  |  |  |  |  |  |
| fuels ............................ | 11.3 | 11.5 | 12.6 | 10.9 | 10.9 | 12.4 | Finance, insurance, and real |  |  |  |  |  |  |
| Construction.... | 380.8 | 425.5 | 463.6 | 348.9 | 370.0 | 379.3 | Depository institutions. | +300.0 | , 325.6 | 1,366.5 | '256.5 | 268.1 | 1,809.5 288.2 |
|  |  |  |  |  |  |  | Nondepository institutions. | 52.8 | 53.7 | 59.0 | 57.3 | 60.6 | 66.8 |
| Manufacturing | 1,431.5 | $1,496.8$ 865.7 | 1,566.6 | $1,444.3$ 892.9 | 1,532.1 | 1,594.6 | Security and commodity brokers insurance carriers................ | 143.9 150.2 | 138.8 158.3 | 144.2 167.7 | 163.2 135.1 | 210.0 135.2 | 290.7 131.1 |
| Lumber and wood products | 41.9 | 46.3 | 44.4 | 40.1 | 43.0 | 44.1 | insurance agents, brokers, and ${ }^{\text {a }}$ |  |  |  |  |  |  |
| Fursiture and fixtures........... | 24.3 | 26.0 | 26.7 | 22.9 | 23.9 | 24.4 | service .......................... | 56.4 | 65.4 | 67.3 | 51.8 | 58.9 | 60.1 |
| Stone, clay, and glass |  |  |  |  |  |  | Real estate........................ | 781.6 | 1,051.2 | 1,116.3 | 944.9 |  | 1,018.3 |
| Primary metal industries. | 53.1 | 50.2 | 52.9 | 4.5 | 57.2 | 57.4 | Other ral estate | 262.9 | 286.8 | 305.8 | 268.9 | 286.6 | 299.3 |
| Fabricated metal products | 101.7 | 107.6 | 108.7 | 96.5 | 98.4 | 99.6 | Holding and other investmen |  |  |  |  |  |  |
| Industrial machinery and | 158.6 | 157.3 | 167.6 | 195.8 | 214.4 | 236.0 | oftices | 23.4 | 7.6 | 15.4 | 15.4 | 10.6 | 7.4 |
| Electronic and other electric |  |  |  |  |  |  | Services.... | 1,829.9 | 1,980.9 | 2,164.6 | 1,699.0 | 1,774.8 | 1,865.2 |
| equipment. | 159.2 | 5.5 | 181.2 | 210.8 | 255.8 | 327.7 | Hotels and other lod | 73.5 | ${ }^{80.4}$ | 86 | 63 |  | 57.3 |
| Motor vehicles and equipment Other transportation | 111.5 | 118.9 | 120.2 | 111.6 | 114.7 | 116.9 | Personal services | 57.0 439.8 | 57.4 | 60.4 571.7 | 53.7 410.7 | 52.6 452.5 | 53.5 490.9 |
| equipment | 58.4 | 64.5 | 62.7 | 56.7 | 61.2 | 55.2 | Auto repair, services, and |  |  |  |  |  |  |
| Instruments and related |  |  |  |  |  |  | parking.................... | 81.0 | 88.1 | 93.9 | 75.1 | 80.6 | 83.7 |
| Miscellaneous manutacturing | 57.5 | 58.8 | 64.2 | 49.0 | 48.2 | 48.1 | Misceilaneous repair services..... | 29.1 | 32.0 | 34.9 | 28.2 | 29.2 | 19.6 30.0 |
| Miscellaneous manuiacturing industries | 25.9 | 28.3 |  | 24.9 | 26.9 | 27.7 | Amusement and recreation |  |  |  |  |  |  |
| Nondurable goods...... | 600.8 | 631.0 | 664.8 | 555.5 | 574.0 | 574.0 | services..... | 70.1 | 75.1 | 80.8 | 65.1 | 68.3 | 69.5 |
| Food and kindred pr | 121.8 | 132.9 | 137.0 | 112.1 | 117.3 | 118.2 | Health services ... | 491.1 | 516.3 | 546.8 | 460.9 | 470.5 | 485.4 |
| Tobacco products. | 17.3 | 18.9 | 22.3 | 11.9 | 6.3 | 6.2 | Legal services. | 116.7 | 123.0 | 133.5 | 107.3 | 110.4 | 115.6 |
| Textile mill products....i. | 25.8 | 25.5 | 24.7 | 24.1 | 23.6 | 24.1 |  |  | 72.1 61.8 |  |  | 52.4 | 64.6 55 |
| Apparel and other textile products. | 26.0 |  |  |  |  |  | Social services...................... | 57.6 53.6 | 61.8 58.3 | 67.5 | 52.3 48.3 | 53.7 48.3 | 55.5 49.6 |
| Paper and allied products | 55.7 | 58.0 | 59.9 | 56.2 | 57.3 | 50.0 | Other services................. | 254.5 | 275.9 | 306.2 | 238.6 | 250.7 | 269.3 |
| Printing and publishing.. | 95.6 | 102.7 | 105.5 | 85.6 | 88.1 | 86.6 | Private househoids .................. | 14.0 | 12.7 | 13.6 | 13.3 | 11.7 | 12.0 |
| Chemicals and allied products | 164.8 | 175.1 | 191.1 | 155.2 | 168.7 | 184.2 |  |  |  |  |  |  |  |
| Petroleum and coal productis | 32.9 | 30.4 | 36.5 | 26.4 | 34.4 | 25.5 | Statistical discrepancy ${ }^{1 . . . . . . ~}$ | -31.0 | -72.7 | -130.4 | -30.1 | -69.9 | -123.0 |
| plastics products... | 56.8 | 59.3 | 60.2 | 55.6 | 58.2 | 59.8 | Government. | 1,103.3 | 1,151.7 | 1,216.4 | 1,047.3 | 1,060.7 | 1,085.4 |
| Leather and leather products | 4.1 | 3.9 | 4.0 | 3.8 | 3.7 | 3.9 |  |  |  |  |  |  |  |
| Transportation and public utilitites ... | 732.0 |  |  |  |  |  | Federal....... |  |  |  |  |  | 353.0 290.1 |
| Transportation. | 288.7 | 302.7 | 313.9 | 257.9 | 268.6 | 288.1 | Government enterprises... | 61.3 | 61.6 | 63.2 | 61.5 | 60.8 | 63.1 |
| Railiroad transportation............ | 24.3 | 23.2 | 22.9 | 22.8 | 22.5 | 23.2 |  |  |  |  |  |  |  |
| Local and interurban passenger |  |  |  |  |  |  | State and local.............. | 743.4 | 782.0 | 829.5 | 699.7 | 714.0 | 732.2 |
| Trucking and warehousing ..... | 114.1 | 1220 | 126.0 | 95.5 | 100.3 | 105.7 | Government enterprises................ | 62.2 | 65.4 | 69.1 | 57.3 | 60.5 | 63.2 |
| Water transporation ............ | 13.6 | 13.7 | 14.8 | 13.2 | 11.8 | 11.7 |  |  |  |  |  |  |  |
| Transportation by air $\qquad$ | 85.8 6.1 | 90.2 6.1 | 93.0 6.2 | 76.8 6.4 | 80.9 6.4 | 85.0 6.4 | Not allocated by industry ${ }^{2} . . . .$. |  |  |  | -48.9 | -110.6 | -170.7 |

1. The current-doilar statistical discrepancy equals gross domestic product (GDP) measured as the sum of expenditures less gross domestic income-that is, GDP measured as the costs incurred and profits earned in domestic production. The chained (1996) dollar statistical discrepancy equals the current-doliar statistical discrepancy deliated by the impiciit price deflator for gross domestic business product
2. Equals GDP in chained (1996) dollars less the statistical discrepancy and the sum of GDP by industry of the detailed industries. The value of not allocated by industry reflects the nonadditivity of chained-dollar estimates
[^20]Table B.4. Personal Consumption Expenditures by Type of Expenditure


* Because of rapid changes in relative prices, the chained-dollar estimates for computers are especially misleading as a
measure of the contribution or relative importance of this component

1. Consists of purchases (including tips) of meals and beverages from retail, service, and amusement establishments, hotels, dining and buffet cars, schoois, school fraternities, institutions, clubs, and industrial lunchrooms. Includes meals
and beverages consumed both on- and ott-premise.
2. Includes liggage.
3. Consists of watch, clock, and jewelry repairs, costume and dress suil rental, and miscellaneous personal services.
4. Consists of watch, clock, and jewetry repairs, costume and dress suit rental, and miscellaneous personal services.
5. Consists of rent for space and for heating and plumbing tacilities, water heaters, lighting fixtures, kitchen cabinets, linoleum, storm windows and doors, window screens, and screen doors, but excludes rent for appliances and furniture and purchases of fuel and electricity.
6. Consists of space rent (see footnote 4) and rent for appliances, fumishings, and furniture.
7. Consists of transient hotels, motels, clubs, schools, and other group housing.
8. Consists of refrigerators and frezers, cooking ranges, dishwashers, laundry equipment, stoves, room air conditioners,
sewing machines, vactum cleaners, and other appliances. 8. Includes such house furnishings as floor coverings, comforiers, quilts, blankets, pillows, piclure
products, portable lamps, and clocks. Also includes writing equipment and hand, power, and garden tools.
9. Consists targely of textile house furnishings, including piece goods allocated to house furnishing use. Also includes lamp shades, brooms, and brushes.
10. Consists of maintenance services for appliances and house furnishings, moving and warehouse expenses, postage and express charges, premiums for fire and thett insurance on personal property less benefits and dividends, and miscella-
11. Excludes drug preparations and related products dispensed by physicians, hospitals, and other medical services.
12. Consists of osteopathic physicians, chiropractors, private duty nurses, chiropodists, podiatrists, and others providing health and allied services, not elsewhere classififed.
13. Consists of (1) current expenditures (including consumption of fixed capital) of nonprofit hospitals and nursing homes, and (2) payments by patients to proprietary and governmeent hospitals and nursing homes. berment insurance provided by commercial insurance carriers, and (2) administrative expenses (including consumption of fixed capital) of nonprofit and self-insured health plans.
14. Consists of premiums, less benefits and dividends, for income loss insurance.
15. Consists of premiums, less benefits and dividends, tor privately administered workers' compensation, 17. Consists of (1) operating expenses of commercial life insurance carriers, (2) administrative expenses of private fits and dividends, of fraternal benefit societies. For commercial lite insurance carriers, excludes expenses for accident and health insurance and includes profits of stock companies and services furnished without payment by banks, credit agencies, and investment companies. For pension and retirement plans, excludes services furnished without payment by banks,
credit agencies, and investment companies.
16. Consists of current expenditures (including consumption of fixed capital) of trade unions and protessional associa-
tions, employment agency fees, money order fees, spending for classified advertisements, tax return preparation services, and other personal business services.
17. Consists of premiums, less benefits and dividends, for motor vehicle insurance.
18. Consists of bagouage charges, coosstal and inland waterway fares, travel agents ' fees, and airport bus fares.
19. Consists of admissions to professional and amataur athletic events and to mater
20. Consists of admissions to professional and amateur athletic events and to racetracks.
21. Consists of dues and tees excluding insurance premims.
22. Consists of dues and tees excluding insurance premiums.
23. Consists of billiard parlors; bowling alleys; dancing, riding, shooting, skating, and swimming places; amusement 24. Consists of net receipts of lotteries and expenditures for purchases of pets and pet care services, cabte TV, fitm processing, photopraphic studios, sporting and recreation camps, video cassette rentals, and recreational services, not eise25. For private institutions, equals current expenditures (including consumption of fixed capital) less receipts-such as for research and development financed under contracts or grants. For government institutions, equals student payments of tuition.
24. For private institutions, equals current expenditures (including consumption of fixed capital) less receipts-such as
those from meals, rooms, and entertainments-accounted for separen those from meals, rooms, and entertainments-accounted for separately in consumer expenditures. For government institu ities.
25. 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 toundations for education and research.
26. For nonproffit institutions, equals current expenditures (including consumption of fixed capital) of religious, social welfare, foreign reliet, and political organizations, museurns, libraries, and foundations. The expenditures are net of
receipts-such as those from meals, rooms, and entertainments-accounted for separately in consumer expenditures, and excludes relief payments within the United States and expenditures by foundations for education and research. For proprietary and government instifutions, equals receipts from users.
27. Beginning with 1981, includes U.S. students' expenditures abroad; these expenditures were $\$ 0.3$ billion in 1981. 30. Beginning with 1981, includes nonresidents' student and medical care expenditures in the United States; studen expenditures were $\$ 2.2$ billion and medical expenditures were $\$ 0.4$ billion in 1981.

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

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

|  | Billions of dollars |  |  | $\begin{aligned} & \text { Billions of chained (1996) } \\ & \text { dollars } \end{aligned}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1999 | 2000 | 2001 | 1999 | 2000 | 2001 |
| Private fixed investment in structures......... | 678.5 | 731.0 | 759.9 | 617.9 | 638.5 | 634.9 |
| Nonresidential.......... | 283.7 | 314.2 | 324.5 | 258.6 | 275.5 | 270.9 |
| New... | 283.1 | 13.5 | 320.8 | 258.0 | 274.7 | 267.7 |
| Nonresidential buildings, excluding farm | 201.8 | 217.9 28.0 | 210.1 256 | $\begin{array}{r}181.0 \\ 25.8 \\ \hline\end{array}$ | 187.1 24.0 | 173.6 21.1 |
| Commercial ............................................ | 28.7 110.1 | 122.8 | 118.5 | ${ }_{98.7} 29.6$ | 105.5 | 87.9 |
| Office buildings '..................... | 55.4 | 64.7 | 60.5 | 49.6 | 55.6 | 50.0 |
| Other ${ }^{2}$................................. | 54.7 | 58.1 | 58.0 | 49.1 | 49.9 | 48.0 |
| Religious .................................... | 7.2 | 7.8 | 8.1 | 6.4 | 6.7 | 6.7 |
| Educational................................ | 10.3 | 12.4 | 13.7 | 9.3 | 10.6 | 11.3 |
| Hospita and institutional ................... | 15.1 | 16.1 | 16.8 | 13.5 | 13.8 | 13.9 |
|  | 30.4 | 30.8 | 27.4 | 27.2 | 26.5 | 22.6 |
| Utilities........................................ | 47.3 | 53.7 | 55.0 | 45.7 | 50.4 | 50.3 |
| Railroads.................................... | 4.7 | 4.3 | 4.1 | 4.7 | 4.2 | 4.2 |
| Telecommunications ........................ | 18.3 | 18.7 | 18.4 | 18.2 | 18.2 | 17.3 |
| Electric light and power..................... | 14.7 | 21.3 | 22.7 | 14.0 | 19.5 | 20.1 |
| Gas......................................... | 8.1 | ${ }^{8.5}$ | 8.9 | 7.6 1.4 | 7.6 | 7.8 |
| Petroleum pipelines.......................... | 1.5 | 1.0 | . 9 | 1.4 | . 9 | 8 |
| Farm ........................................... | 5.1 | 6.0 | 6.1 | 4.5 | 5.1 | 5.1 |
| Mining exploration, shatts, and weils ....... | 22.8 | 29.2 | 42.7 | ${ }_{2}^{21.6}$ | 27.0 | 34.0 |
| Petroleum and natural gas ................. | 21.6 | 28.0 | 41.3 | 20.4 | 26.0 | 32.8 |
|  | 1.2 6.2 | 1.1 6.7 | 1.4 6.8 | 1.1 5.7 | 1.0 6.0 | 1.2 5.9 |
| Brokers' commissions on sale of structures | 2.4 | 2.5 | 2.5 | 2.3 | 2.4 | 2.2 |
| Net purchases of used structures ............... | -1.8 | -1.9 | 1.2 | -1.6 | -1.6 | 1.0 |
| Residential .............................................. | 394.8 | 416.8 | 435.4 | 359.4 | 363.0 | 364.0 |
| New........................ | 344.4 | 363.6 | 377.8 | 311.7 | 315.1 | 315.2 |
| New housing units ......... | 250.1 | 259.7 | 271.6 | 225.6 | 224.2 | 225.5 |
| Permanent site ............................. | 236.1 | 248.9 | 262.8 | 212.2 | 213.9 | 217.0 |
| Single-1amily structures ................. | 208.6 | 220.7 | 232.1 | 189.0 | 191.0 | 192.6 |
| Muttifamily structures ..................... | 27.4 | 28.3 | 30.7 | 23.4 | 23.0 | 24.4 |
| Manutactured homes ........................ | 14.0 | 10.8 | 8.8 | 13.2 | 10.0 | 8.1 |
| Improvements $\qquad$ | ${ }^{93.0}$ | 102.4 | 104.6 | 84.9 1.2 | 89.7 1.2 | 88.4 1.4 |
| Brokers' commissions on sale of structures | 53.9 |  | 60.0 |  |  |  |
| Net purchases of used structures ............... | -3.5 | -2.9 | -2.3 | -3.1 | -2.5 | -1.9 |
| sidual |  |  |  | -. 9 | -. 9 | -1.0 |

1. Consists of office buildings, except those constructed at industrial sites and those constructed by utilities for
their own use.
2. Consists of stores, restaurants, garages, service stations, warehouses, mobile structures, and other buildings used for commercial purposes.
3. Consists of hotels and motels, buildings used primarily for social and recreational activities, and buildings not elsewhere classified, such as passenger terminals, greenhouses, and animal hospitals.
4. Consists primarily of streets, dams and reservoirs, sewer and water facilities, parks, and airfields.
5. Consists primarily of dormitories and of fraternity and sorority houses.

Note. Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity tive. The residual line is the difference between the first line and the sum of the most detailed lines.

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

|  | Billions of dollars |  |  | Billions of chained (1996) dollars |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1999 | 2000 | 2001 | 1999 | 2000 | 2001 |
| Private fixed investment in equipment and software. $\qquad$ | 898.7 | 960.8 | 885.4 | 984.8 | 1,065.4 | 997.6 |
| Nonresidential equipment and software ... | 889.8 | 951.6 | 877.1 | 975.9 | 1,056.0 | 988.2 |
| Information processing equipment and |  |  |  |  |  |  |
| sotware....................................... | 402.3 | 446.9 | 404.3 | 508.1 | 583.3 | 548.5 |
| Computers and peripheral equipment ${ }^{\text {'........ }}$ | 90.4 | 93.3 | 74.2 | 207.4 | 246.4 | 239.9 |
|  | 162.5 | 179.4 | 180.4 | 169.3 | 184.4 | 182.0 |
| Communication equipment. | 93.7 | 116.6 | 90.6 | 102.5 | 132.1 | 105.8 |
| Instruments... | 38.2 | 40.6 | 43.6 | 37.9 | 40.1 | 42.6 |
| Photocopy and related equipment .............. | 10.5 | 9.5 | 8.0 | 10.7 | 9.5 | 8.0 |
| Office and accounting equipment.............. | 7.0 | 7.5 | 7.6 | 7.1 | 7.5 | 7.8 |
| Industrial equipment. | 150.4 | 164.9 | 159.0 | 147.5 | 160.8 | 153.8 |
| Fabricated metal products. | 13.4 | 13.8 | 13.7 | 13.5 | 13.9 | 13.4 |
| Engines and turbines..... | 5.7 | 7.0 | 9.3 | 5.4 | 6.6 | 8.8 |
| Metalworking machinery ... | 34.2 | 35.3 | 31.3 | 33.6 | 34.6 | 30.5 |
| Specias industry machinery, n.e.C. .-.......... | 38.3 | 44.4 | 41.0 | 37.2 | 43.0 | 39.4 |
| General industrial, including materials |  |  |  |  |  |  |
| Electrical transmission, distribution, and | 34.0 | 36.6 | 34.4 | 33.0 | 35.3 | 32.9 |
| industrial apparatus. | 24.8 | 27.8 | 29.3 | 24.8 | 27.3 | 28.7 |
| Transportation equipment .......................... | 194.7 | 189.7 | 165.8 | 193.2 | 186.6 | 163.6 |
| Trucks, buses, and truck trailers. | 112.3 | 107.4 | 90.1 | 112.4 | 106.5 | 90.5 |
| Autos.................. | 43.1 | 40.5 | 34.1 | 42.5 | 40.8 | 35.4 |
| Aircratt... | 29.1 | 31.5 | 33.7 | 28.3 | 29.3 | 29.8 |
| Ships and boats.................................... | 2.7 | 3.2 | 3.2 | 2.6 | 2.9 | 2.9 |
| Railroad equipment ............................... | 7.6 | 7.1 | 4.7 | 7.7 | 7.2 | 4.8 |
| Other equipment | 145.6 | 153.4 | 150.8 | 141.8 | 148.5 | 144.5 |
| Furniture and fixtures.............................. | 38.1 | 40.6 | 35.7 | 37.1 | 39.2 | 34.0 |
| Tractors.......... | 12.8 | 13.7 | 14.5 | 12.5 | 13.4 | 14.1 |
| Agricultural machinery, except tractors...... | 9.9 | 10.8 | 12.0 | 9.5 | 10.3 | 11.3 |
| Construction machinery, except tractors..... | 21.6 | 21.7 | 19.9 | 20.4 | 20.4 | 18.5 |
| Mining and oilfield machinery.................. | 5.6 | 5.2 | 6.5 | 5.3 | 5.0 | 5.9 |
| Service industry machinery .................... | 16.5 | 16.4 | 16.1 | 15.9 | 15.7 | 15.3 |
| Electrical equipment, n.e.c. ....................... | 14.4 | 16.4 | 17.9 | 14.9 | 17.3 | 19.0 |
| Other ................................................. | 26.8 | 28.4 | 28.2 | 26.2 | 27.4 | 26.8 |
| Less: Sale of equipment scrap, excluding autos. $\qquad$ | 3.2 | 3.3 | 2.8 | 4.1 | 3.8 | 3.5 |
| Residential equipment.................................. | 8.8 | 9.3 | 9.3 | 9.0 | 9.4 | 9.5 |
| Residual ... |  |  |  | -37.8 | -56.3 | -56.5 |
| Addenda: |  |  |  |  |  |  |
| Private fixed investment in equipment and software | 898.7 | 960.8 |  |  |  |  |
| Less: Dealers' margin on used equipment.. | 858.1 | 88.8 | 88.8 | ................ | ............... | ............... |
| Net purchases of used equipment from government | 1.0 | 1.0 | . 9 |  |  |  |
| Plus: Net sales of used equipment ..................... | 39.3 | 38.5 | 32.5 |  |  |  |
| Net exports of used equipment ............. | . 4 | -. 2 | . 0 | ... |  |  |
| Sale of equipment scrap .................... | 3.3 | 3.4 | 2.9 | ............ |  |  |
| Equals: Private fixed investment in new equipment and software | 932.6 | 992.7 | 912.4 | ... |  |  |

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

Note. Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-doliar 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-doltar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.
n.e.c. Not elsewhere classified.

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

|  |  | mpensatio |  | Wage a | nd salary ac | cruals |  |  | mpensation |  | Wage | d salary ac | cruals |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1999 | 2000 | 2001 | 1999 | 2000 | 2001 |  | 1999 | 2000 | 2001 | 1999 | 2000 | 2001 |
| Total | 5,308,801 | 5,723,399 | 5,874,879 | 4,475,588 | 4,836,329 | 4,950,605 | Communications | 103,714 | 114,010 | 113,175 | 87,644 | 96,406 | 95,28 |
|  |  |  |  |  |  |  | Telephone and telegraph | 78,733 | 86,828 | 84,956 | 66.277 | 73.142 | 71,216 |
| Domestic industries ............................ | 5,314,546 | 5,729,274 | 5,881,042 | 4,481,333 | 4,842,204 | 4,956,768 | Radio and television ............ | 24,981 | 27,182 | 28,219 | 21,367 | 23,264 | 24,070 |
| Private industries ${ }^{1}$. | 4,361,287 | 4,721,994 | 4,818,943 | 3,757,166 | 4,073,263 | 4,145,921 | services | 58,541 | 62,541 | 65,156 | 49,212 | 52,574 | 54,610 |
| Agriculture, forestry, and fishing ... | 49,786 | 52,656 | 57,497 | 43,643 | 46,253 | 50,496 | Wholesale trade . | 359,519 | 385,755 | 379,752 | 309,254 | 332,293 | 325,688 |
| Farms ................................ | 19,341 | 19,314 | 21,544 | 16,478 | 16,563 | 18,394 |  |  |  |  |  |  |  |
| Agricuitural services, forestry, and fishing $\qquad$ | 30,445 | 33,342 | 35,953 | 27,165 | 29,690 | 32,102 | Retail trade. | 478,563 | 511,114 | 531,075 | 420,523 | 449,515 | 465,818 |
| Mining.. | 34,234 | 36,534 | 39,627 | 29,256 | 31,204 | 33,844 | Finance, insurance, and real |  |  |  |  |  |  |
| Metal mining. | 2,917 | 2,600 | 2,421 | 2,446 | 2.161 | 1,996 | Deposite | 458,091 98.577 | 501,923 100.040 | 531,995 106,840 | 395,757 83,358 | 434,720 84.543 | 459,937 90,230 |
| Coal mining. | $\begin{array}{r}5,129 \\ \hline 20.749\end{array}$ | 4,869 | $\begin{array}{r}5,258 \\ \hline 26,240\end{array}$ | 4,328 | $\begin{array}{r}4,091 \\ \hline 20205\end{array}$ | 1,422 2255 | Nondepository institutions. | 40,714 | +41,510 | 1069,840 | 83,758 | 84,543 <br> 3547 | 42,046 |
| Nonmetallic minerals, except fuels | 20,749 5,439 | 23,553 $\mathbf{5 , 5 5 3}$ | $\begin{array}{r}\text { 26,240 } \\ 5 \\ \hline\end{array}$ | 17,827 4,655 | 20,205 4,747 | 22,855 4,871 | Security and commodity brokers | 107,093 | 135,094 | 138,866 | 95,771 | 120,994 | 124,161 |
|  |  |  |  |  |  |  | Insurance carriers .................. | 91,260 | 94,360 | 98,832 | 77,637 | 80,274 | 83,936 |
| Construction. | 272,904 | 298,999 | 313,027 | 233,740 | 256,839 | 268,645 | insurance agents, brokers, and service. | 38,697 | 41,075 | 44,766 | 33,701 | 35,800 | 38,956 |
|  |  |  |  |  |  |  | Real estate. | 57,599 | 61,891 | 66,628 | 49,811 | 53,588 | 57,620 |
| Manufacturing. | 926,201 | 981,781 | 939,155 | 782,635 | 829,413 | 789,402 | Holding and other investment offices |  |  |  |  |  |  |
| Durable goods. | 585,734 | 626,444 | 590,814 | 493,369 | 527,421 | 495,186 |  | 24,151 | 27,953 | 26,902 | 20,692 | 24,048 | 22,988 |
| Lumber and wood products... | 28.712 | 29,146 | 28,559 | 24,464 | 24,814 | 24,256 | Services. | 1,431,970 | 1,578,136 | 1,644,716 | 1,250,487 | 1,380,070 | 1,434,418 |
| Furniture and fixtures........... | 18,727 | 19,707 | 18,929 | 15,955 | 16,759 | 16,047 | Hotels and other lodging places | 46,437 | 49,802 | 50,191 | 40,453 | 43.495 | 43,722 |
| Stone, clay, and glass products........................ |  |  |  |  |  |  | Personal services... | 28,441 | 30,078 | 32,128 | 25,313 | 26,784 | 28,563 |
| primary metal industries | 25,799 37240 | 27,661 38,213 | 27.313 35730 | 21.702 |  |  | Business services... | 351,919 | 412,930 | 405,062 | 309,610 | 363,879 | 355,624 |
| Fabricated metal products. | 66,605 | 69,559 | 67,318 | 56,015 | 58,339 | 56,259 | Auto repair, services, and parking. | 36,996 | 39,809 | 41.571 | 32.594 | 35.172 | 36,637 |
| Industrial machinery and |  |  |  |  |  |  | Miscellaneous repair services ... | 13,499 | 13,947 | 14,652 | 11,856 | 12,256 | 12,844 |
| Electronipment...................... | 121,216 | 132,198 | 118,992 | 104,321 | 113.783 | 102,037 | Motion pictures..................... | 22,480 | 23,933 | 24,443 | 19,779 | 21,052 | 21,435 |
| Electronic and other electric equipment. | 97,771 | 114,454 | 103,720 | 82,973 | 97,365 | 87,785 | Amusement and recreation |  |  |  |  |  |  |
| Motor vehicles and equipment | 68,743 | 70,613 | 65,296 | 54,741 | 56,015 | 51,167 | Health services | 408,567 | 430,446 | 52,647 464,063 | 349,595 | 368,492 | 49,9295 |
| Other transportation |  |  |  |  |  |  | Legal services | 72,180 | 79.170 | 85,255 | 63,581 | 69,846 | 75,067 |
| instruments and | 51,965 | 51,649 | 52,500 | 43.375 | 42,95 | 43,6 | Educational service | 66,841 | 72,643 | 78,808 | 57,978 | 63,057 | 68,314 |
| products .................. | 53,491 | 57,079 | 56,364 | 45,974 | 48,993 | 48,311 | organizations. | 114,376 | 123,692 | 131,746 | 101.619 | 109,876 | 116,749 |
| Miscellaneous manutacturing |  |  |  |  |  |  | Social services. | 59,270 | 65,086 | 71,803 | 51,339 | 56,420 | 62,197 |
| industries ..... | 15,465 | 16,165 | 16,093 | 12,998 | 13.577 | 13.488 | Membership organiz | 55,106 | 58,606 | 59,943 | 50,280 | 53,456 | 54,552 |
| Nondurable goods. | 340,467 | 355,337 | 348,341 | 289,266 | 301,992 | 294,216 | Other services ${ }^{3}$..................... | 210,248 | 236,574 | 252,269 | 184,404 | 207,845 | 221,113 |
| Food and kindred products .... | 66,468 | 70,102 | 71,808 | 56,619 | 59,780 | 60,977 | Private households.................. | 12,712 | 13,565 | 11,881 | 12,389 | 13,234 | 11,576 |
| Tobacco products ............... | 2,758 | 2,946 | 3,130 | 2,168 | 2,321 | 2.464 |  |  |  |  |  |  |  |
| Textile mill products Apparel and other textile | 18,269 | 18,054 | 16,411 | 15,709 | 15,520 | 13,990 | Government | 953,259 | 1,007,280 | 1,062,099 | 724,467 | 768,941 | 810,847 |
| Apparel and other textile products |  |  |  |  |  |  | Federal. | 277,699 | 293,678 | 300,286 | 184,222 | 195,598 | 197,378 |
| Paper and allied products ..................... | 18,462 34,474 | 17,721 35,062 | 16,594 <br> 34,378 | 29,663 | 30 | 29,39 | General government................ | 221,496 | 233,437 | 240,534 | 146,475 | 154,845 | 157,914 |
| Printing and publishing.......... | 69,716 | 73,248 | 71,895 | 60,196 | 63,280 | 61,773 | Civilian. | 134,369 | 142,052 | 144,305 | 90,174 | 96,000 | 95,609 |
| Chemicals and allied products | 77,224 | 83,713 | 80,990 | 64,397 | 69,950 | 67.159 | Military ${ }^{\text {a }}$ | 87.127 | 91.385 | 96,229 | 56,301 | 58,845 | 62,305 |
| Petroleum and coal products. | 10,040 | 9,810 | 10,149 | 8,288 | 8,070 | 8,317 | Government | 56,203 | 60,241 | 59,752 | 37,747 | 40,753 | 39,464 |
| Rubber and miscellaneous |  |  |  |  |  |  | State and loca | 675,560 | 713.602 | 761,813 | 539,945 | 573,343 | 613,469 |
| plastics products ............. | 40,582 | 42,232 | 40,731 | 34,345 | 35,730 | 34,208 | General gov | 633 | 669,2 | 711,5 | 505.0 | 537,090 | 572,373 |
| Leather and leather products | 2.474 | 2,449 | 2,255 | 2,124 | 2,102 | 1,919 | Other ${ }^{1}$ | 340.09 | 360,57 | 382, | 269, | 287,229 | 305,171 |
|  |  |  |  |  |  |  | overnm | 293,242 | 308,633 | 329,497 50 | 236,11 | 249,861 | 267,202 |
| Transportation and public utilities | 350,019 | 375,096 | 382,099 | 291,871 | 312,956 | 317,673 | Gove | 42,22 | 44,39 | 50,2 | 34,3 | 36,2 | 41,096 |
| Transportation .......................... | 187,764 | 198,545 | 203,768 | 155,015 | 163,976 | 167,777 |  |  |  |  |  |  |  |
| Railroad transportation... | 17,023 | 16,749 | 16,759 | 12,656 | 12,415 | 12,383 | Rt of the word ....................... | -5,745 |  |  |  |  |  |
| Local and interurban passenger transit. |  |  |  |  |  |  | Receipts from the rest of the world.... Less: ' Payments to the rest of the | 2,210 | 2,341 | 2,382 | 2,210 | 2,341 | 2,382 |
| Trucking and warehousing ${ }^{\text {2 }}$ | 11,952 | 12,684 74,287 | 13,272 75.765 | 10,185 58,645 | $\begin{aligned} & 10,814 \\ & 61,625 \end{aligned}$ | 11,291 62,623 | world ${ }^{5}$ | 7,955 | 8,216 | 8,545 | 7,955 | 8,216 | 8,545 |
| Water transportation.... | 9,068 | 9,667 | 10,043 | 7,588 | 8.100 | 8.392 |  |  |  |  |  |  |  |
| Transportation by air ${ }^{2}$. | 59,591 | 64,005 | 66,426 | 49,281 | 52,887 | 54,721 | Addenda: |  |  |  |  |  |  |
| Pipelines, except natural gas ... | 1,000 | 1.018 | 1,092 | 850 | 865 | 925 | Households and institutions.. | 403,143 | 431,088 | 459,628 |  |  |  |
| Transportation services ............ | 18,459 | 20,135 | 20,411 | 15,810 | 17,270 | 17,442 | Nonfarm business | 4,037,229 | 4,376,228 | 4,447,782 |  |  |  |
| 1. Beginning with 2001, reflects the reclassification of employees of Indian tribal governments from the private sector in accordance with the Consolidated Appropriations Act of 2001. <br> 2. Reflects the reclassification of air couriers from trucking and warehousing to transportation by air. <br> 3. Consists of museums, botanical and zoological gardens; engineering and management services; and services, not elsewhere classified. <br> 4. Includes Coast Guard. <br> 5. Includes estimates of foreign professional workers and undocumented Mexican migratory workers employed temporarily in the United States. <br> Note. Estimates in this table are based on the 1987 Standard Industrial Classification (SIC). |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Table B.8. Employment by Industry
[Thousands]

|  | Full-time and part-time employees |  |  | Persons engaged in production ${ }^{1}$ |  |  |  | Full-time and part-time employees |  |  | Persons engaged in production ${ }^{1}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1999 | 2000 | 2001 | 1999 | 2000 | 2001 |  | 1999 | 2000 | 2001 | 1999 | 2000 | 2001 |
| Total | 136,294 | 139,207 | 138,840 | 132,149; | 134,723 | 134,288 | Water transportation..................... | 188 | 194 | 192 | 185 | 191 | 197 |
|  |  |  |  |  |  |  | Transportation by air ${ }^{3}$.................. | 1,245 | 1,297 | 1,286 | 1,163 | 1,216 | 1,205 |
| Domestic industries .................................... | 136,869 | 139,787 | 139,448 | 132,635 | 135,220 | 134,809 | Pipelines, except natural gas Transportation services | 13 476 | 13 488 | $\begin{array}{r}14 \\ 480 \\ \hline\end{array}$ | $\begin{array}{r}13 \\ 474 \\ \hline\end{array}$ | $\begin{array}{r}13 \\ 476 \\ \hline\end{array}$ | 14 467 |
| Private Industries ${ }^{2}$................................ | 114,320 | 116,778 | 116,014 | 113,888 | 116,177 | 115,364 | Communications...................................... | 1,553 | 1,665 | 1,700 | 1,423 | 1,522 | 1,554 |
| Aoriculture, forestry, and fishing. |  |  |  |  |  |  | Telephone and telegraph..................... Radio and television ............... | $\begin{array}{r}1,107 \\ \hline 46\end{array}$ | 1.195 470 | 1,220 <br> 480 | 1,011 412 | 1,088 <br> 434 | 1,107 |
| Agriculture, forestry, and inshing.............................................. | 2,294 923 | 2,319 | 2,341 870 | 3,393 1,693 | 3,341 1,635 | 3,342 1,608 | Electric, gas, and sanitary services ......... | 863 | 857 | 880 | 860 | 851 | 857 |
| Agricultural services, forestry, and fishing $\qquad$ | 1,371 | 1,429 | 1,471 | 1,700 | 1,706 | 1,734 | Wholesale trade ................................... | 6,992 | 7,104 | 6,832 | 5 | 7,098 | 6,794 |
| Mining | 539 | 541 | 568 | 544 | 545 | 581 | Retail trade... | 23,542 | 24,049 | 24,147 | 20,954 | 21,423 | 21,485 |
| Metal mining.................................. | 44 | 40 | 35 | 45 | 42 | 36 |  |  |  |  |  |  |  |
| Coal mining ................................... | 86 | 79 | 82 | 85 | 77 | 81 | Finance, insurance, and real estate ........ | 7,705 | 7,743 | 7,856 | 7,809 | 7,840 | 7,861 |
| Oil and gas extraction ...................... | 296 | 308 | 338 | 304 | 315 | 354 | Depository institutions........................ | 2,049 | 2,036 | 2,047 | 1,928 | 1,904 | 1,904 |
| Nonmetallic minerals, except fuels ...... | 113 | 114 | 113 | 110 | 112 | 110 | Nondepository institutions ................... | 709 | 686 | 716 | 691 | 667 | 690 |
|  |  |  |  |  |  |  | Security and commodity brokers ............ | 727 | 797 | 820 | 796 | 873 | 855 |
| Construction ....................................... | 6.704 | 7,007 | 7,038 | 8,023 | 8,368 | 8,350 | Insurance carriers ............................ | 1,608 | 1,585 | 1,583 | 1,526 | 1.497 | 1,488 |
| Manulacturing |  |  |  |  |  |  | Insurance agents, brokers, and service... | 795 | $\stackrel{800}{581}$ | 820 | 873 | 893 | 909 |
| Durable goods. | 11,178 | 11,179 | 10,632 | 11,223 | 11,214 | 17,682 | Holding and other investment offices....... | 1,567 250 | $\begin{array}{r}1,581 \\ \hline 258\end{array}$ | 1.655 255 | $\begin{array}{r}1,759 \\ \hline 236\end{array}$ | $\begin{array}{r}1,742 \\ \hline 242\end{array}$ | 1,738 |
| Lumber and wood products............ | '858 | 849 | 804 | 916 | 899 | 854 |  |  |  |  |  |  |  |
| Furniture and fixtures................... | 550 | 558 | 524 | 562 | 569 | 530 | Services... | 40,975 | 42,337 | 42,412 | 40,637 | 42,040 | 42,217 |
| Stone, clay, and glass products ...... | 572 | 582 | 572 | 573 | 580 | 573 | Hotels and other lodging places ............ | 1,935 | 1,981 | 1,942 | 1,759 | 1,818 | 1,792 |
| Primary metal industries............... | 698 | 700 | 646 | 697 | 696 | 642 | Personal services ............................... | 1,363 | 1,387 | 1,414 | 1,831 | 1,879 | 1,878 |
| Fabricated metal products.............. | 1,529 | 1,544 | 1,470 | 1,517 | 1,537 | 1,452 | Business services................................ | 9,438 | 10,048 | 9,622 | 9,567 | 10,197 | 9,850 |
| Industrial machinery and equipment | 2.141 | 2,119 | 2,006 | 2,135 | 2,106 | 2,002 | Auto repair, services, and parking ......... | 1,326 | 1,366 | 1,388 | 1,557 | 1,589 | 1,601 |
| Electronic and other electric |  |  |  |  |  |  | Miscellaneous repair services.... | 390 | 381 | 384 | 552 | 538 | 564 |
| equipment............................ | 1,671 | 1,719 | 1,627 | 1,657 | 1,705 | 1,610 | Motion pictures ................................ | 612 | 609 | 589 | 659 | 652 | 634 |
| Motor vehicles and equipment....... | 1,023 | 1,020 | 941 | 1,018 | 1.018 | 943 | Amusement and recreation services...... | 1,783 | 1,856 | 1,811 | 1,547 | 1,636 | 1,601 |
| Other transportation equipment..... | 874 | 836 | 812 | 872 | 834 | 811 | Health services ................................. | 10,359 | 10,483 | 10,775 | 9,647 | 9,770 | 10,040 |
| Instruments and related products... | 854 | 843 | 840 | 841 | 836 | 835 | Legal services.............................. | 1,142 | 1,163 | 1,188 | 1,219 | 1.222 | 1,261 |
| Miscellaneous manufacturing |  |  |  |  |  |  | Educational services........... | 2,350 | 2,442 | 2,536 | 2,164 | 2,265 | 2,371 |
| industries............................... | 408 | 409 | 390 | 435 | 434 | 419 | Social services and membership |  |  |  |  |  |  |
| Nondurable goods ......................... | 7,495 | 7,388 | 7.070 | 7,440 | 7,293 | 7,011 | organizations................................ | 5,387 | 5,581 | 5,671 | 5,188 | 5,354 | 5,432 |
| Food and kindred products ............ | 1,697 | 1,700 | 1,702 | 1,680 | 1,675 | 1,681 | Social services.............................. | 2,859 | 2,992 | 3,143 | 3,086 | 3,201 | 3,330 |
| Tobacco products ....................... | 37 | 35 | 34 | 36 | 34 | 33 | Membership organizations ............... | 2,528 | 2,589 | 2,528 | 2,102 | 2,153 | 2,102 |
| Textile mill products. | 560 | 534 | 475 | 556 | 536 | 471 | Other services ${ }^{4}$................................ | 3.639 | 3,832 | 3,971 | 4,085 | 4,287 | 4,420 |
| Apparel and other textile products.. | 697 | 640 | 564 | 708 | 616 | 560 | Private households ............................ | 1,251 | 1,208 | 1,121 | 862 | 833 | 773 |
| Paper and allied products .............. | 669 | 657 | 629 | 664 | 651 | 623 |  |  |  |  |  |  |  |
| Printing and publishing................ | 1,576 | 1,569 | 1,508 | 1,557 | 1,544 | 1,498 | Government ......................................... | 22,541 | 23,009 | 23,434 | 18,747 | 19,043 | 19,445 |
| Chemicals and ailied products ........ | 1,037 | 1,038 | 1,017 | 1,026 | 1,029 | 1,011 | Federal ..... | 5,141 | 5,237 | 5,076 | 4,167 | 4,198 | 4,119 |
| Petroleum and coal products..... | 131 | 126 | 124 | 131 | 125 | 124 | General government .......................... | 4,146 | 4,260 | 4,114 | 3,370 | 3,416 | 3,338 |
| Rubber and miscellaneous plastics |  |  |  |  |  |  | Civilian..... | 1,855 | 1,976 | 1,825 | 1,821 | 1,869 | 1,790 |
| products............................... | 1,012 | 1,017 | 954 | 1,002 | 1,007 | 945 | Military ${ }^{5}$.................................... | 2,291 | 2,284 | 2,289 | 1,549 | 1,547 | 1,548 |
| Leather and leather products ......... | 79 | 72 | 3 | 80 | 76 | 65 | Government enterprises ..................... | ,995 | 977 | ,962 | 797 | 782 | 781 |
|  |  |  |  |  |  |  | State and local................................... | 17,400 | 17,772 | 18,358 | 14,580 | 14,845 | 15,326 |
| Transportation and public utilities......... | 6,896 | 7,111 | 7,118 | 6,850 | 7,014 | 7,052 | General government.......................... | 16,546 | 16,903 | 17,382 | 13,705 | 13,964 | 14,334 |
| Transportation................ | 4,480 | 4,589 | 4,558 | 4,567 | 4,641 | 4,641 | Education..................................... | 9.149 | 9,383 | 9,623 | 7,367 | 7,567 | 7,784 |
| Railroad transportation................... | 221 | 212 | 203 | 209 | 201 | 192 | Other ${ }^{2}$..................................... | 7,397 | 7.520 | 7,759 | 6,338 | 6,397 | 6,550 |
| Local and interurban passenger transit $\qquad$ | 489 | 500 | 506 | 503 | 503 | 521 | Government enterprises ${ }^{2}$................... | 854 | 869 | 976 | 875 | 881 | 992 |
| Trucking and warehousing ${ }^{3}$............... | 1,848 | 1,885 | 1,877 | 2,020 | 2,041 | 2,045 | Rest of the world ${ }^{5}$................................... | -567 | -580 | -608 | -486 | -497 | -521 |

1. Equals the number of full-time equivalent employees plus the number of self-employed persons. Unpaid tamily workers are not included.
2 Beginning with 2001 , reflects the reclassification of employees of Indian tribal governments from the private sector in accordance with the Consolidated Appropriations Act of 2001
2. Consists of museums, botanical and zoological gardens; enoineering and management services; and
services, not elsewhere classified.
3. Includes Coast Guard.
4. Includes estimates of foreign professional workers and undocumented Mexican migratory workers employed temporarily in the United States.

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

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


1. Fulf-time equivalent employees equals the number of employees on full-time schedules plus the number of employees on pari-time schedules converted to a fuli-time basis. The number of turi-time equivalent employees employee for all employees to average weekly hours per employee on full-time schedules
2. Beginning with 2001 . reflects the reclassification of employees of Indian tribal governments from the private sector in accordance with the Consolidated Appropriations Act of 2001.
3. Reflects the reclassification of air couriers from trucking and warehousing to transportation by air.
[^21]Table B.10. Farm Sector Output, Gross Product, and National income

|  | Billions of dollars |  |  | Billions of chained (1996) dollars |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1999 | 2000 | 2001 | 1999 | 2000 | 2001 |
| Farm output. | 207.5 | 214.3 | 221.3 | 244.1 | 249.2 | 246.1 |
| Cash receipts from farm marketings ........... | 191.4 | 199.4 | 200.9 | 226.2 | 233.4 | 224.4 |
| Crops .............................................. | 95.7 | 99.8 | 94.3 | 125.2 | 130.9 | 122.9 |
| Livestock | 95.7 | 99.7 | 106.6 | 101.1 | 102.9 | 101.3 |
| Farm housing ....................................... | 7.2 | 7.6 | 8.0 | 6.1 | 6.0 | 5.9 |
| Farm products consumed on farms ............ | . 5 | . 6 | . 6 | . 5. | . 5 | . 5 |
| Other farm income ................................. | 9.9 | 8.9 | 10.3 | 11.8 | 10.6 | 12.2 |
| Change in farm inventories....................... | -1.5 | -2.2 | 1.6 | -2.0 | -2.5 | 2.0 |
| Crops ............................................ | -.9 | -1.6 | 2.1 | -1.4 | -2.2 | 3.6 |
| Livestock ........................................... | -. 6 | -. 6 | -. 5 | -. 6 | -. 6 | -. 4 |
| Less: Intermediate goods and services |  |  |  |  |  |  |
| purchased $\qquad$ | 132.3 | 136.5 | 140.7 | 137.2 | 133.3 | 134.6 |
| Intermediate goods and services, other than rent | 118.6 | 122.2 | 126.1 | 123.1 | 119.5 | 120.8 |
| Rent paid to nonoperator landlords......... | 13.8 | 14.2 | 14.7 | 14.1 | 13.8 | 13.8 |
| Equals: Gross farm product......................... | 75.2 | 77.8 | 80.6 | 108.1 | 120.5 | 114.3 |
| Less: Consumption of fixed capital ................ | 28.9 | 28.7 | 29.4 | 27.7 | 27.0 | 27.3 |
| Equals: Net farm product ............................ | 46.3 | 49.2 | 51.2 | 80.9 | 97.9 | 89.5 |
| Less: Indirect business tax and nontax liability Plus: Subsidies to dperators. $\qquad$ | 5.3 18.4 | 5.4. | 5.6 17.7 | ............. | ............ |  |
| Equals: Farm national income ..................... | 59.3 | 63.3 | 63.2 |  |  |  |
| Compensation of employees...................... | 19.3 | 19.3 | 21.5 | ................ | ................. |  |
| Wage and salary accruals .................... | 16.5 | 16.6 | 18.4 | ............ |  |  |
| Supplements to wages and salaries........ | 2.9 | 2.7 | 3.1 |  |  |  |
| Proprietors' income and corporate profits with inventory valuation and capital |  |  |  |  |  |  |
| consumption adjustments..................... | 29.6 | 33.2 | 30.9 | ............. | …......... | ............. |
| Proprietors' income............................ | 27.7 | 22.6 | 19.0 | ............. | ............. | ..... |
| Corporate protits ................................. | 1.9 | 10.6 | 11.8 | ............. | ...... | ..... |
| Net interest.......................................... | 10.3 | 10.9 | 10.8 | ............. | ............ | -............ |

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

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


1. Equals personal consumption expenditures for housing less expenditures for other housing as shown in table 8.4 .

Nore. Chained (1996) doliar series are calculated as the product of the chain-type quantity index and the 1996 current-doliar 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 addi-
tive.

Table B.12. Net Stock of Private Fixed Assets; Equipment, Software, and Structures; by Type
[Yearend estimates]

|  | Current-cost valuation (Billions of dollars) |  |  |  |  |  | Chain-type quantity indexes (1996-100) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 |
| Private fixed assets | 16,722.5 | 17,653.1 | 18,649.6 | 19,880.4 | 21,215.2 | 22,190.4 | 100.00 | 102.96 | 106.36 | 109.89 | 113.63 | 116.62 |
| Equipment and software | 3,416.3 | 3,585.3 | 3,779.2 | 4,013.2 | 4,288.3 | 4,411.0 | 100.00 | 105.94 | 113.09 | 120.44 | 128.62 | 133.36 |
| Nonresidential equipment and sotware | 3,352.2 | 3,519.8 | 3,711.6 | 3,943.9 | 4,215.5 | 4,335.1 | 100.00 | 105.98 | 113.19 | 120.59 | 128.83 | 133.57 |
| Information processing equipment and software | 906.0 | 974.8 | 1,035.9 | 1,137.4 | 1,259.0 | 1,287.8 | 100.00 | 111.57 | 126.01 | 142.40 | 160.15 | 169.75 |
| Computers and peripheral equipment ............. | 101.5 | 112.2 | 117.5 | 137.9 | 153.4 | 138.6 | 100.00 | 142.35 | 201.39 | 279.41 | 355.94 | 398.10 |
| Sotware ${ }^{\text {'.......... }}$ | 173.7 | 200.7 | 236.4 | 280.3 | 324.5 | 345.5 | 100.00 | 116.25 | 137.85 | 160.73 | 180.67 | 191.64 |
| Communication equipment | 363.8 | 388.2 | 399.9 | 430.2 | 482.9 | 498.6 | 100.00 | 108.02 | 118.26 | 131.85 | 151.45 | 161.64 |
| Instruments............... | 175.0 | 181.9 | 191.3 | 201.3 | 213.7 | 226.6 | 100.00 | 104.07 | 109.35 | 114.95 | 120.96 | 127.52 |
| Photocopy and related equipment | 71.5 | 70.2 | 69.2 | 66.4 | 63.7 | 58.5 | 100.00 | 99.34 | 99.11 | 94.93 | 90.04 | 83.07 |
| Office and accounting equipment. | 20.5 | 21.6 | 21.5 | 21.3 | 20.8 | 19.8 | 100.00 | 105.39 | 106.55 | 102.73 | 101.21 | 97.60 |
| Industrial equipment .................... | 1,119.1 | 1,156.9 | 1,199.5 | 1,240.7 | 1,292.7 | 1,328.7 | 100.00 | 102.97 | 106.11 | 108.90 | 112.88 | 115.95 |
| Fabricated metal products | 98.7 | 98.6 | 99.3 | 101.3 | 104.0 | 106.1 | 100.00 | 100.28 | 101.26 | 104.08 | 106.94 | 109.33 |
| Engines and turbines........ | 57.3 | 58.5 | 59.3 | 59.4 | 62.3 | 67.1 | 100.00 | 100.11 | 100.99 | 99.32 | 103.46 | 110.97 |
| Steam engines. | 50.4 | 51.2 | 57.5 | 50.5 | 52.8 | 57.3 | 100.00 | 99.28 | 99.44 | 95.90 | 99.38 | 107.53 |
| Internal combustion engines | 6.9 | 7.3 | 7.8 | 8.8 | 9.5 | 9.8 | 100.00 | 106.25 | 112.51 | 124.76 | 133.79 | 136.56 |
| Metalworking machinery .......... | 219.2 | 227.8 | 237.8 | 244.1 | 252.9 | 254.4 | 100.00 | 103.54 | 107.42 | 110.15 | 113.35 | 114.39 |
| Special industry machinery, n.e.c. | 253.1 | 262.1 | 274.3 | 282.9 | 296.6 | 303.4 | 100.00 | 103.09 | 106.33 | 109.32 | 114.44 | 117.72 |
| General industria, including materials handling, equipment | 234.9 | 243.0 | 253.1 | 260.4 | 269.9 | 276.9 | 100.00 | 102.69 | 105.84 | 108.36 | 111.46 | 113.23 |
| Electrical transmission, distribution, and industrial apparatus | 255.9 | 266.8 | 275.6 | 292.6 | 306.9 | 320.7 | 100.00 | 104.29 | 108.04 | 111.94 | 116.67 | 121.65 |
| Transportation equipment ................................................. | 690.4 | 716.5 | 764.2 | 816.4 | 873.7 | 898.1 | 100.00 | 104.95 | 111.35 | 118.15 | 125.16 | 128.15 |
| Trucks, buses, and truck | 260.7 | 283.0 | 321.8 | 366.5 | 395.8 | 397.4 | 100.00 | 111.12 | 125.02 | 140.52 | 151.11 | 153.83 |
| Autos............ | 159.0 | 159.9 | 157.8 | 157.3 | 155.4 | 156.9 | 100.00 | 101.49 | 100.75 | 103.40 | 105.31 | 104.55 |
| Aircraft. | 147.1 | 149.6 | 158.5 | 163.4 | 189.6 | 210.8 | 100.00 | 101.56 | 106.89 | 107.49 | 117.85 | 127.34 |
| Ships and boats | 46.5 | 46.9 | 46.9 | 46.9 | 48.3 | 49.1 | 100.00 | 99.16 | 98.31 | 96.27 | 96.47 | 96.48 |
| Railroad equipmen | 77.1 | 77.1 | 79.1 | 82.3 | 84.6 | 83.8 | 100.00 | 101.34 | 103.91 | 107.32 | 109.74 | 109.07 |
| Other equipment. | 636.8 | 671.6 | 712.0 | 749.4 | 790.1 | 820.6 | 100.00 | 104.58 | 110.18 | 114.97 | 120.23 | 123.93 |
| Furniture and fixtures | 178.2 | 189.3 | 200.4 | 213.5 | 228.5 | 236.0 | 100.00 | 104.92 | 111.13 | 117.33 | 124.23 | 127.24 |
| Household furniture | 9.0 | 9.1 | 9.3 | 9.6 | 10.0 | 10.3 | 100.00 | 100.37 | 102.37 | 105.65 | 109.33 | 111.57 |
| Other furniture. | 169.2 | 180.2 | 191.1 | 203.9 | 218.5 | 225.6 | 100.00 | 105.16 | 111.59 | 117.95 | 125.02 | 128.07 |
| Tractors ......... | 59.3 | 63.4 | 67.8 | 69.3 | 71.4 | 74.0 | 100.00 | 106.36 | 112.79 | 114.59 | 117.87 | 121.70 |
| Farm tractors... | 48.6 | 51.7 | 54.9 | 55.6 | 56.9 | 58.9 | 100.00 | 105.88 | 111.71 | 112.75 | 115.42 | 119.51 |
| Construction tractors ................................................. | 10.6 | 11.7 | 13.0 | 13.8 | 14.5 | 15.1 | 100.00 | 108.56 | 117.67 | 122.83 | 128.80 | 131.55 |
| Agricultural machinery, except tractors............................. | 74.9 | 77.2 | 79.9 | 79.6 | 80.2 | 82.2 | 100.00 | 102.00 | 104.37 | 102.87 | 102.54 | 103.31 |
| Construction machinery, except tractors | 82.1 | 87.2 | 94.0 | 100.3 | 105.1 | 107.5 | 100.00 | 104.53 | 110.53 | 115.85 | 120.61 | 122.74 |
| Mining and oilfield machinery ............... | 16.6 | 18.1 | 19.3 | 21.2 | 22.8 | 25.3 | 100.00 | 106.90 | 113.17 | 123.07 | 129.52 | 139.95 |
| Service industry machinery........................................... | 68.8 | 72.1 | 75.6 | 79.5 | 82.7 | 84.5 | 100.00 | 103.57 | 107.69 | 112.25 | 115.99 | 117.65 |
| Electrical equipment, n.e.c. | 44.7 | 46.9 | 50.9 | 53.9 | 58.5 | 63.8 | 100.00 | 106.49 | 116.43 | 125.56 | 137.79 | 151.19 |
| Household appliances | 2.9 | 2.8 | 2.9 | 2.9 | 2.9 | 3.0 | \$00.00 | 99.49 | 100.73 | 102.27 | 104.57 | 107.97 |
| Other | 41.9 | 44.3 | 48.0 | 51.0 | 55.6 | 60.8 | 100.00 | 106.97 | 117.51 | 127.17 | 140.10 | 154.19 |
| Other nonresidential equipment ....................................... | 112.2 | 117.4 | 124.2 | 132.2 | 140.9 | 147.2 | 100.00 | 104.39 | 109.56 | 115.27 | 121.30 | 125.87 |
| Residential equipment........................................................ | 64.1 | 65.5 | 67.6 | 69.3 | 72.8 | 75.9 | 100.00 | 103.62 | 107.61 | 112.38 | 117.44 | 122.13 |
| Structures. | 13,306.3 | 14,067.9 | 14,870.4 | 15,867.2 | 16,926.9 | 17,779.4 | 100.00 | 102.21 | 104.70 | 107.35 | 110.10 | 112.70 |
| Nonresidential structures. | 5,175.0 | 5,487.0 | 5,746.2 | 6,069.9 | 6,480.0 | 6,767.2 | 100.00 | 102.04 | 104.33 | 106.70 | 109.30 | 111.56 |
| Nonresidential buildings, excluding | 3,285.6 | 3,498.9 | 3,740.8 | 4,012.5 | 4,296.2 | 4,506.6 | 100.00 | 102.71 | 105.66 | 108.59 | 111.63 | 114.11 |
| Industrial buildings | 729.2 | 765.4 | 806.4 | 843.0 | 878.1 | 898.2 | 100.00 | 101.24 | 102.57 | 102.83 | 102.85 | 102.52 |
| Office buildings ${ }^{2}$ | 756.3 | 804.9 | 865.5 | 936.1 | 1.015 .8 | 1,075.1 | 100.00 | 102.63 | 106.13 | 109.99 | 114.58 | 118.15 |
| Commercial buildings | 843.8 | 902.7 | 965.3 | 1,035.8 | 1,109.2 | 1,165.8 | 100.00 | 103.19 | 106.22 | 109.20 | 112.27 | 115.01 |
| Mobile structures.. | 8.5 | 8.9 | 9.3 | 9.9 | 10.4 | 10.9 | 100.00 | 102.63 | 106.13 | 109.33 | 112.96 | \$16.05 |
| Other commercial ${ }^{3}$ | 835.2 | 893.7 | 956.0 | 1,025.9 | 1,098.9 | 1,154.9 | 100.00 | 103.20 | 106.22 | 109.20 | 112.27 | 115.01 |
| Religious buildings...................................................... | 145.7 | 153.9 | 163.5 | 176.0 | 189.1 | 199.2 | 100.00 | 101.88 | 104.09 | 107.31 | 110.68 | 113.67 |
| Educational buildings ................................................... | 137.9 | 149.7 | 163.7 | 179.1 | 197.0 | 212.8 | 100.00 | 104.61 | 110.04 | 115.52 | 121.93 | 128.34 |
| Hospital and institutional buildings ................................... | 327.7 | 348.7 | 371.1 | 397.9 | 426.0 | 448.8 | 100.00 | 102.61 | 105.08 | 108.00 | 110.98 | 113.94 |
| Other | 345.1 | 373.6 | 405.3 | 444.5 | 481.0 | 506.7 | 100.00 | 104.49 | 109.23 | 114.53 | 119.02 | 122.19 |
| Hotels and motels | 177.5 | 194.8 | 215.3 | 238.7 | 261.8 | 278.3 | 100.00 | 105.90 | 112.59 | 119.38 | 125.77 | 130.34 |
| Amusement and recreational buildings .......................... | 92.7 | 101.0 | 109.8 | 119.9 | 129.3 | 135.8 | 100.00 | 105.11 | 109.88 | 114.96 | 118.95 | 121.84 |
| Other nonfarm buildings ${ }^{4}$........................................... | 75.0 | 77.7 | 80.3 | 85.9 | 90.0 | 92.5 | 100.00 | 100.35 | 100.42 | 102.44 | 103.04 | 103.24 |
| Utiisities ..................................................................... | 1,229.0 | 1,264.7 | 1.283 .0 | 1,321.6 | 1,383.6 | 1,420.3 | 100.00 | 100.87 | 102.20 | 104.78 | 106.33 | 108.39 |
| Railroad. | 299.2 | 301.2 | 295.4 | 286.2 | 287.1 | 278.8 | 100.00 | 99.54 | 99.33 | 98.82 | 98.16 | 97.55 |
| Telecommunications | 235.3 | 239.5 | 243.0 | 258.7 | 280.5 | 301.9 | 100.00 | 102.15 | 104.16 | 110.96 | 117.70 | 123.44 |
| Electric light and power.............................................. | 483.4 | 503.9 | 512.7 | 532.3 | 560.4 | 580.0 | 100.00 | 101.01 | 101.85 | 103.18 | 105.12 | 107.20 |
| Gas....................... | 168.9 | 176.7 | 187.6 | 198.1 | 207.9 | 212.0 | 100.00 | 101.34 | 105.96 | 107.89 | 109.81 | 111.82 |
| Petroleum pipelines. | 42.1 | 43.4 | 44.3 | 46.3 | 47.7 | 47.5 | 100.00 | 99.85 | 100.34 | 101.25 | 100.98 | 100.55 |
| Farm related buuildings and structures ............................... | 204.4 | 210.7 | 218.1 | 226.8 | 236.8 | 243.3 | 100.00 | 99.42 | 99.00 | 98.72 | 98.88 | 99.01 |
| Mining exploration, shafts, and wells ................................ | 311.2 | 360.8 | 347.4 | 344.3 | 389.8 | 415.2 | 100.00 | 101.65 | 102.77 | 102.63 | 104.21 | 106.58 |
| Petroleum and natural gas | 277.4 | 325.5 | 311.2 | 307.0 | 351.6 | 376.3 | 100.00 | 101.82 | 103.17 | 103.18 | 105.15 | 107.90 |
| Other mining | 33.8 | 35.2 | 36.2 | 37.2 | 38.2 | 38.8 | 100.00 | 100.25 | 99.25 | 97.95 | 96.41 | 95.49 |
| Other nonfarm structures ${ }^{5}$.............................................. | 144.8 | 152.1 | 156.9 | 164.6 | 173.6 | 181.8 | 100.00 | 101.40 | 102.97 | 104.62 | 106.43 | 108.06 |
| Residential structures ......................................................... | 8,131.2 | 8,580.8 | 9,124.2 | 9,797.4 | 10,447.0 | 11,012.3 | 100.00 | 102.31 | 104.95 | 107.77 | 110.61 | 113.44 |
| Housing units ................................................................ | 6,624.6 | 6,995.2 | 7,449.5 | 8,016.1 | 8,545.6 | 9,017.7 | 100.00 | 102.25 | 104.85 | 107.64 | 110.39 | 113.14 |
| Permanent site ............................................................ | 6,483.0 | 6,845.0 | 7,289.1 | 7,845.4 | 8,369.8 | 8.837 .3 | 100.00 | 102.19 | 104.75 | 107.50 | +10.27 | 113.08 |
| 1-to-4-unit.............................................................. | $5,663.1$ | 5,959.4 | 6,334.9 | 6,844.5 | 7.309.2 | 7.733 .3 | 100.00 | 102.38 | 105.18 | 108.17 | 111.20 | 114.26 |
| Farm..... | 126.9 5 | 130.4 | 135.0 6109 | 143.1 | 149.4 $7+598$ | 154.5 7578 | 100.00 | 99.96 | 100.05 | 100.92 | 101.42 | 101.85 |
| Nonfarm .............................................................. | 5,536.2 | 5,829.0 | 6,199.9 | 6,701.4 | 7.159.8 | 7,578.8 | 100.00 | 102.44 | 105.29 | 108.34 | 111.43 | 114.54 |
| 5-or-more-unit. | 819.9 | 885.6 | 954.2 | 1,000.9 | 1,060.6 | 1,104.0 | 100.00 | 100.94 | 101.92 | 103.08 | 104.19 | 105.33 |
| Manufactured homes | 141.6 | 150.2 | 160.4 | 170.7 | 175.8 | 180.4 | 100.00 | 104.68 | 109.71 | 113.94 | 115.74 | \$16.09 |
| Farm.. | 13.6 | 15.1 | 16.7 | 17.8 | 18.7 | 19.9 | 100.00 | 109.38 | 118.90 | 123.24 | 127.90 | 132.81 |
| Nonfarm. | 128.0 | 135.1 | 143.6 | 152.9 | 157.1 | 160.6 | 100.00 | 104.18 | 108.73 | 112.95 | 114.44 | 114.31 |
| Improvements.. | 1,477.1 | 1,555.1 | 1,642.9 | 1,747.2 | 1,865.4 | t,956.6 | 100.00 | 102.65 | 105.40 | 108.42 | 111.69 | 114.84 |
| Other residentiaf ${ }^{6}$....................................................................... | 29.6 | 30.5 | 31.9 | 34.1 | 36.0 | 37.9 | 100.00 | 100.33 | 101.11 | 102.94 | 104.79 | 107.03 |

1. Excludes sortware embedded or bunded in computers and other equipment.

Consists of office buildings except those occupied by electric and gas utility companies
3. Consists primarily of stores, restaurants, garages, service stations, warehouses, and other build
ings used for commercial purposes.
Consists of buildings not elsewhere classified. such as passenger terminals, greenhouses, and
animal hospitals.
5. Consists primarily of streets, dams, reservoirs, sewer and water facilities, parks, and airfields. 6. Consists primarily of dormitories and of fraternity and sorority houses
n.e.c. Not elsewhere classified

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


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

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{2}{|l|}{\multirow{3}{*}{Year and quarter}} \& \multicolumn{3}{|l|}{Billions of chained (1996) doliars} \& \multicolumn{2}{|l|}{Percent change from preceding period} \& \multicolumn{2}{|l|}{Chain-type price indexes} \& \multicolumn{2}{|l|}{Implicit price deflators} \& \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}{*}{Final sales of domestic product} \& \multirow[b]{2}{*}{Gross domestic product} \& \multirow[b]{2}{*}{Gross domestic purchases} \& \multirow[b]{2}{*}{Gross domestic product} \& \multirow[b]{2}{*}{Gross national
product} \& \multicolumn{2}{|l|}{Chain-type price indexes} \& \multicolumn{2}{|l|}{Implicit price deflators} \\
\hline \& \& \& \& \& \& \& \& \& \& \& Gross domestic product \& Gross domestic purchases \& Gross domestic product \& Gross national product \\
\hline \[
\overline{1984:}
\] \& I.......
\(111 . \ldots\)
\(111 .\).
IV.... \& \[
\begin{aligned}
\& 5.402 .3 \\
\& 5,43.8 \\
\& 5,541.3 \\
\& 5,583.1
\end{aligned}
\] \& \[
\begin{aligned}
\& 5,313.9 \\
\& 5,40.8 \\
\& 5,456.0 \\
\& 5,531.0
\end{aligned}
\] \& \[
\begin{aligned}
\& 5,452.6 \\
\& 5,544.3 \\
\& 5,591.1 \\
\& 5,627.1
\end{aligned}
\] \& 9.0
7.0
3.5
3.1 \& 3.5
7.5
3.4
5.6 \& \[
\begin{aligned}
\& 70.59 \\
\& 71.18 \\
\& 71.74 \\
\& 72.24
\end{aligned}
\] \& \[
\begin{aligned}
\& 70.67 \\
\& 71.25 \\
\& 71.72 \\
\& 72.18
\end{aligned}
\] \& 70.59
71.16
71.73
72.24 \& \[
\begin{aligned}
\& 70.60 \\
\& 71.17 \\
\& 71.74 \\
\& 7.25
\end{aligned}
\] \& 4.9
3.4
3.2
2.8 \& \[
\begin{aligned}
\& 4.9 \\
\& 3.3 \\
\& 2.7 \\
\& 2.5
\end{aligned}
\] \& 4.8
3.3
3.2
2.9 \& 4.7
3.3
3.2
2.9 \\
\hline 1985: \& \(1 . . . .\).
11.
\(11 .\).
IV.... \& \(5,629.7\)
\(5,673.8\)
\(5,588.6\)
\(5,806.0\) \& \(5,619.8\)
\(5,657.0\)
5.746 .0
\(5,772.5\) \& \[
\begin{array}{r}
5,664.3 \\
5 ; 710.9 \\
5,78.6 \\
5,839.6
\end{array}
\] \& \[
\begin{aligned}
\& 3.4 \\
\& 3.2 \\
\& 6.1 \\
\& 3.3
\end{aligned}
\] \& 6.6
2.7
6.4
1.9 \& 73.01
73.49
73.88
74.40 \& 72.80
73.32
73.73
74.38 \& 73.00
73.50
73.85
74.39 \& 73.01
77.50
73.86
74.40
7 \& 4.3
2.7
2.1
2.9 \& \begin{tabular}{l}
3.5 \\
2.8 \\
2.3 \\
3.6 \\
\hline 1
\end{tabular} \& 4.3
2.7
2.0
3.0 \& 4.2
2.8
1.9
3.0 \\
\hline 1986: \& \(1 . . . .\).
11.
11.
\(1 / . .\).
\(1 .\). \& \begin{tabular}{l}
\(5,858.9\) \\
\(5,883.3\) \\
\(5,937.9\) \\
\(5,969.5\) \\
\hline
\end{tabular} \& \(5,828.7\)
5.872 .6
\(5,956.0\)
\(5,993.1\) \& \(5,887.3\)
\(5,901.9\)
\(5,959.0\)
\(5,981.7\) \& 3.7
1.7
3.8
2.1 \& 3.9
3.1
5.8
2.5 \& 74.69
75.04
75.51
76.05 \& 74.71
74.85
75.37
75.94 \& 74.68
75.05
75.51
76.01 \& 74.69
75.05
75.51
76.02 \& \begin{tabular}{l}
1.5 \\
1.9 \\
2.5 \\
2.9 \\
\hline 1
\end{tabular} \& 1.8
.7
.7
3.9 \& 1.5
2.0
2.5
2.7 \& 1.5
2.0
2.5
2.7 \\
\hline 1987: \& 1.
\(1 . . . . .\).
111.
\(11 . . .\). \& \(6,013.3\)
\(6,077.2\)
\(6,128.1\)
\(6,234.4\)
6.2 \& \(5,985.4\)
\(6,0666.8\)
\(6,138.7\)
\(6,164.1\) \& \begin{tabular}{l}
\(6,027.6\) \\
\(6,0959.8\) \\
\(6,145.8\) \\
\(6,254.1\) \\
\hline
\end{tabular} \& 3.0
4.3
3.4
7.1 \& \begin{tabular}{l}
-5 \\
\hline .5 \\
4.6 \\
4.7
\end{tabular} \& 76.73
77.27
77.83
78.46 \& 76.76
77.40
78.01
78.64 \& 76.70
77.27
77.84
78.46 \& 76.71
77.77
77.84
78.46
7 \& 3.6
3.9
2.9
3.3
3 \& 4.4
3.4
3.2
3.3 \& 3.7
3.0
3.0
3.2 \& 3.7
3.0
3.0
3.2 \\
\hline 1988: \& \(1 . . . .\).
\(11 .\).
\(111 .\).
\(10 . .\).
10. \& \(6,275.9\)
\(6,349.8\)
\(6,382.3\)
\(6,465.2\) \& \(6,263.0\)
\(6,334.0\)
\(6,365.9\)
\(6,447.5\) \& \(6,302.0\)
\(6,372.8\)
\(6,402.0\)
\(6,487.4\) \& 2.7
4.8
2.1
5.3 \& 6.6
4.6
2.0
5.2 \& 78.99
79.79
80.73
81.36 \& 79.21
80.01
80.75
81.46 \& 78.98
79.79
80.71
81.33 \& \begin{tabular}{l}
78.99 \\
79.99 \\
80.72 \\
81.34 \\
\hline
\end{tabular} \& 2.7
4.1
4.8
3.2 \& 2.9
4.1
3.8
3.6 \& 2.7
4.1
4.7
3.1 \& 2.7
4.1
4.7
3.1 \\
\hline 1989: \&  \& \begin{tabular}{l}
6.543 .8 \\
\(6,579.4\) \\
\(6,610.6\) \\
\(6,633.5\) \\
\hline
\end{tabular} \& \begin{tabular}{l}
\(6,492.7\) \\
\(6,542.8\) \\
\(6,665.8\) \\
\(6,620.4\) \\
\hline 6.8
\end{tabular} \& \begin{tabular}{l}
\(6,565.6\) \\
\(6,599.7\) \\
6.633 .4 \\
\(6,663.4\) \\
\hline
\end{tabular} \& \begin{tabular}{l}
5.0 \\
5.2 \\
1.9 \\
1.4 \\
\hline
\end{tabular} \& 2.8
3.1
3.9
.9 \& 82.20
83.02
83.62
84.24 \& 82.36
83.26
83.74
84.43 \& 82.20
83.01
83.62
84.24 \& \[
\begin{aligned}
\& 82.20 \\
\& 83.02 \\
\& 83.63 \\
\& 84.25 \\
\& 0.0 n
\end{aligned}
\] \& 4.2
4.0
2.9
3.0 \& \begin{tabular}{l}
4.5 \\
4.4 \\
2.4 \\
3.3 \\
\hline
\end{tabular} \& 4.3
4.0
2.9
3.0 \& 4.3
4.0
3.0
3.0 \\
\hline \[
1990:
\] \&  \& \[
\begin{aligned}
\& 6,716.3 \\
\& 6,731.7 \\
\& 6,719.4 \\
\& 6,664.2
\end{aligned}
\] \& \[
\begin{aligned}
\& 6,705.8 \\
\& 66,69.6 \\
\& 6,699.2 \\
\& 6,680.0
\end{aligned}
\] \& \(6,743.6\)
\(6,760.8\)
\(6,742.6\)
\(6,713.3\) \& 5.1
-9
-7.8
-3.2 \& 5.3
-.5
-1.1 \& 85.19
86.17
87.00
87.76 \& \[
\begin{aligned}
\& 85.48 \\
\& 86.27 \\
\& 87.26 \\
\& 88.41
\end{aligned}
\] \& 85.18
86.16
86.99
87.74 \& 85.20
86.17
87.00
87.76 \& 4.6
4.7
3.9
3.5 \& 5.1
3.7
4.7
5.3 \& 4.5
4.7
3.9
3.5 \& 4.6
4.6
3.9
3.5 \\
\hline 1991: \& \(1 . . . .\).
\(11 .\).
11.
\(1 . . .\). \& \(6,631.4\)
\(6,668.5\)
\(6,684.9\)
\(6,720.9\) \& \(6,652.5\)
\(6,692.5\)
68689.2
\(6,692.0\) \& \(6,667.4\)
\(6,692.1\)
\(6,704.7\)
\(6,749.4\) \& r
-2.0
2.3
1.0
2.2 \& \(\begin{array}{r}-1.6 \\ \hline 2.4 \\ -.2 \\ .2 \\ \hline\end{array}\) \& 88.78
89.41
89.99
90.47 \& 89.09
89.51
90.04
90.60 \& 88.76
89.40
89.99
90.47 \& 88.78
89.41
90.00
90.48 \& 4.7
2.9
2.6
2.2 \& 3.1
1.9
2.4
2.5 \& 4.8
2.9
2.7
2.2 \& 4.7
2.9
2.6
2.2 \\
\hline 1992: \& \(1 . . . .\).
\(11 .\).
\(11 .\).
10.
\(1 .\). \& \(6,783.3\)
\(6,846.8\)
\(6,899.7\)
\(6,990.6\) \& \(6,788.9\)
\(6,827.1\)
68828.7
\(6,972.4\) \& \(6,811.1\)
\(6,873.8\)
6.923 .3
\(7,015.1\) \& \begin{tabular}{l}
3.8 \\
3.8 \\
3.1 \\
5.4 \\
\\
\hline
\end{tabular} \& 5.9
2.3
3.3
5.3 \& \begin{tabular}{l}
91.16 \\
91.68 \\
91.98 \\
92.56 \\
\hline
\end{tabular} \& 91.25
91.81
91.26
92.81

9.81 \& 91.16
91.67
91.67
92.95
92.55 \& 91.15
91.67
91.97
92.55

9 \& \begin{tabular}{l}
3.1 <br>
2.3 <br>
1.3 <br>
2.5 <br>
\hline

 \& 

2.9 <br>
2.5 <br>
2.0 <br>
2.4 <br>
\hline
\end{tabular} \& 3.1

2.3
1.3
2.5 \& 3.0
2.3
1.3
2.5 <br>
\hline 1993: \&  \& $6,988.7$
$7,031.2$
7.062 .0
$7,168.7$
7. \& $6,953.6$
$7,008.8$
$7,057.9$
$7,154.8$

7, \& | $7,020.9$ |
| :--- |
| $7,056.0$ |
| $7,092.4$ |
| $7,182.1$ |
| 18 | \& -1

-2.5
1.8
6.2 \& rer
-1.1
3.2
2.8
5.6
1 \& 93.33
93.83
94.26

94.79 \& | 93.42 |
| :--- |
| 93.42 |
| 94.98 |
| 94.83 |
| 9.8 | \& 93.32

93.82
94.82
94.79 \& 93.32
93.83
94.26
94.81 \& 3.4
2.2
1.8
2.3 \& 2.7
2.4
1.5
2.2 \& 3.4
3.2
1.8
2.4 \& 3.4
2.2
1.8
2.4 <br>
\hline 1994: \&  \& $7,229.4$
$7,330.2$
$7,770.2$
$7,461.1$ \& 7.187 .1
7.250 .2
7.318 .5
$7,387.2$ \& $7,249.8$
$7,346.3$
$7,385.1$

$7,476.0$ \& | 3.4 |
| :--- |
| 5.7 |
| 2.2 |
| 5.0 |
| 1 | \& 1.8

3.6
3.8
3.8 \& 95.28
95.72
96.29
96.74 \& 95.22
95.74
96.43
96.86 \& 95.28
95.71
96.28
96.74 \& 95.29
95.73
96.29

96.74 \& | 2.1 |
| :--- |
| 1.8 |
| 2.4 |
| 1.9 |
| 1 | \& 1.7

2.2
2.9
1.8 \& 2.0
1.8
2.4
1.9 \& 2.1
1.8
2.4
1.9 <br>
\hline 1995: \&  \& $7,488.7$
$7,503.3$
$7,561.4$
$7,621.9$ \& $7,427.3$
$7,469.6$
$7,549.7$
$7,602.5$ \& $7,510.2$
$7,528.6$
$7,572.3$
$7,645.2$ \& 1.5
.8
3.1

3.2 \& | 2.2 |
| :--- |
| 2.3 |
| 4.4 |
| 2.8 | \& 97.45

97.86
98.31
98.79 \& 97.51
98.04
98.42
98.85 \& 97.45
97.86
98.30
98.78 \& 97.45
97.87
98.31

98.79 \& \begin{tabular}{l}
3.0 <br>
1.7 <br>
1.8 <br>
2.0 <br>
\hline

 \& 

2.7 <br>
2.2 <br>
1.6 <br>
1.8 <br>
\hline 1
\end{tabular} \& 3.0

1.7
1.8
2.0 \& 3.0
1.7
1.8
2.0 <br>
\hline 1996: \& $1 . . . .$.
$11 \ldots \ldots$
$111 .$.

$1 . .$. \& | $7,676.4$ |
| :--- |
| $7,802.9$ |
| $7,841.9$ |
| $7,931.3$ |
| 8.9 | \& $7,669.6$

$7,773.4$
$7,792.1$
$7,897.6$
7.81 \& $7,703.1$
$7,820.4$
7853.5
$7,947.9$ \& 2.9
6.8
2.0

4.6 \& | 3.6 |
| :--- |
| 5.5 |
| 1.0 |
| 5.5 | \& $\begin{array}{r}99.40 \\ 99.74 \\ 100.23 \\ 100.63 \\ \hline\end{array}$ \& 99.42

99.74
100.16
100.68 \& $\begin{array}{r}99.39 \\ 99.74 \\ 100.22 \\ 100.63 \\ \hline\end{array}$ \& $\begin{array}{r}99.39 \\ 99.74 \\ 100.22 \\ 100.63 \\ \hline\end{array}$ \& 2.5
1.4
2.0
1.6 \& 2.3
1.3
1.7

2.1 \& | 2.5 |
| :--- |
| 1.4 |
| 1.9 |
| 1.7 |
|  |
| 10 | \& 2.5

1.4
1.9
1.6 <br>
\hline 1997: \& 1.
$11 . . . .$.
111
$11 . .$.
$1 .$. \& $8,016.4$
$8,131.9$
$8,216.6$
$8,272.9$
8.8 \& $7,966.4$
$8,043.2$
$8,164.9$
$8,206.3$ \& $8,025.1$
$8,145.6$
$8,25.1$
$8,276.9$ \& 4.4
5.9
4.2
2.8 \& 3.5
3.9
6.2
2.0 \& 101.36
101.82
102.12

102.49 \& | 101.28 |
| :--- |
| 101.49 |
| 101.74 |
| 102.07 | \& \[

$$
\begin{aligned}
& 101.34 \\
& 101.82 \\
& 102.12 \\
& 102.49
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& 101.33 \\
& 101.80 \\
& 102.10 \\
& 102.46
\end{aligned}
$$
\] \& 2.9

1.9
1.2
1.4 \& 2.4
.8
1.0
1.3 \& 2.9
1.9
1.2
1.4 \& 2.8
1.8
1.2
1.4 <br>

\hline 1998: \&  \& $$
\begin{aligned}
& 8,396.3 \\
& 8,442.9 \\
& 8,528.5 \\
& 8,667.9
\end{aligned}
$$ \& \[

$$
\begin{aligned}
& 8,286.6 \\
& 8,397.2 \\
& 8,454.9 \\
& 8,588.5
\end{aligned}
$$
\] \& $8,405.4$

$8,448.7$
$8,517.6$
$8,662.0$
8, \& 6.1
.2
4.1
4.7 \& 4.0
5.4
2.8
6.5 \& 102.76
103.02
103.38

103.66 \& $$
\begin{aligned}
& 102.09 \\
& 102.26 \\
& 102.54 \\
& 102.84
\end{aligned}
$$ \& \[

$$
\begin{aligned}
& 102.76 \\
& 103.01 \\
& 103.38 \\
& 103.65
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& 102.73 \\
& 102.98 \\
& 103.34 \\
& 103.62
\end{aligned}
$$
\] \& 1.1

1.0
1.4
1.1 \& .1
.7
1.1
1.2 \& 1.1
1.0
1.4
1.1 \& 1.1
1.0
1.4
1.1 <br>
\hline 1999: \& $1 \ldots . . .$.
$11 . . .$.
$111 .$.

$11 . .$. \& \[
$$
\begin{aligned}
& 8,733.2 \\
& 8,775.5 \\
& 8,886.9 \\
& 9,040.1
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& 8,654.3 \\
& 8,741.0 \\
& 8,83.6 \\
& 8,946.6
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& 8,750.5 \\
& 8,801.8 \\
& 8,906.4 \\
& 9,071.1
\end{aligned}
$$
\] \& 3.0

2.0
5.2
7.1 \& 3.1
4.1
4.3

5.2 \& $$
\begin{aligned}
& 104.12 \\
& 104.52 \\
& 104.84 \\
& 105.28
\end{aligned}
$$ \& \[

$$
\begin{aligned}
& 103.19 \\
& 103.72 \\
& 104.21 \\
& 104.77
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& 104.12 \\
& 104.51 \\
& 104.83 \\
& 105.27
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& 104.08 \\
& 104.48 \\
& 104.80 \\
& 105.24
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& 1.8 \\
& 1.5 \\
& 1.2 \\
& 1.7 \\
& 1.1
\end{aligned}
$$

\] \& | 1.4 |
| :--- |
| 2.1 |
| 1.9 |
| 2.2 |
| 2.7 | \& 1.8

1.5
1.2
1.7 \& 1.8
1.5
1.2
1.7 <br>
\hline 2000: \&  \& $9,097.4$
$9,205.7$
$9,18.7$
$9,243.8$

9 \& $$
\begin{aligned}
& 9,042.9 \\
& 9,11.1 \\
& 9,150.4 \\
& 9,179.8
\end{aligned}
$$ \& \[

$$
\begin{aligned}
& 9,119.7 \\
& 9,233.0 \\
& 9,238.2 \\
& 9,274.0
\end{aligned}
$$
\] \& 2.6

4.8
.6
1.1 \& 4.4
3.1
1.7

1.3 \& $$
\begin{aligned}
& 106.08 \\
& 106.69 \\
& 10.13 \\
& 107.68
\end{aligned}
$$ \& \[

$$
\begin{aligned}
& 105.72 \\
& 106.30 \\
& 106.87 \\
& 107.43
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& 106.07 \\
& 106.68 \\
& 107.12 \\
& 107.68
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& 106.04 \\
& 106.64 \\
& 107.08 \\
& 107.64
\end{aligned}
$$
\] \& 3.1

2.3
1.6

2.1 \& | 3.7 |
| :--- |
| 2.2 |
| 2.2 |
| 2.1 |
| 1 | \& 1.7

3.1
2.3
1.6
2.1 \& 3.1
2.3
1.7
2.1 <br>

\hline 2001: \&  \& $$
\begin{aligned}
& 9,229.9 \\
& 9,193.1 \\
& 9,786.4 \\
& 9,248.8
\end{aligned}
$$ \& \[

$$
\begin{aligned}
& 9,243.8 \\
& 9,243.3 \\
& 9,230.5 \\
& 9,324.9
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& 9,241.7 \\
& 9,24.3 \\
& 9,199.8 \\
& 9,283.5
\end{aligned}
$$

\] \& \[

$$
\begin{array}{r}
-.6 \\
-1.6 \\
-3 . \\
2.7 \\
\hline
\end{array}
$$
\] \& 2.8

-4
-4
-4.2 \& 108.66
109.32
109.92

109.78 \& $$
\begin{aligned}
& 108.30 \\
& 108.76 \\
& 108.72 \\
& 108.84
\end{aligned}
$$ \& \[

$$
\begin{aligned}
& 108.65 \\
& 109.32 \\
& 109.92 \\
& 109.78
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& 108.62 \\
& 109.29 \\
& 109.89 \\
& 109.74
\end{aligned}
$$

\] \& \[

$$
\begin{array}{r}
3.7 \\
2.5 \\
2.2 \\
-.5
\end{array}
$$
\] \& 3.3

1.7
-.2
.4 \& 3.7
2.5
2.2
-.5 \& 3.7
2.5
2.2
-.5 <br>

\hline $$
2002:
$$ \& $1 . . . .$.

$11.1 . .$.

11. \& $$
\begin{aligned}
& 9,363.2 \\
& 9,392.4 \\
& 9,465.2
\end{aligned}
$$ \& \[

$$
\begin{aligned}
& 9,379.4 \\
& 9,377.9 \\
& 9,452.2
\end{aligned}
$$

\] \& \[

$$
\begin{gathered}
9,367.5 \\
9,376.7 \\
\ldots, \ldots, \ldots . .
\end{gathered}
$$

\] \& \[

$$
\begin{aligned}
& 5.0 \\
& 1.3 \\
& 3.1
\end{aligned}
$$
\] \& 2.4

-3.1
3.2 \& 110.14
110.48

110.79 \& $$
\begin{aligned}
& 109.15 \\
& 109.77 \\
& 110.15
\end{aligned}
$$ \& \[

$$
\begin{aligned}
& 110.14 \\
& 110.48 \\
& 10.79
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& 110.11 \\
& 110.45
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& 1.3 \\
& 1.2 \\
& 1.1
\end{aligned}
$$
\] \& 1.2

2.3
1.4 \& 1.3
1.2
1.1 \& 1.4
1.2 <br>
\hline
\end{tabular}

## D. Domestic Perspectives

This table presents data collected from other government agencies and private organizations, as noted. Quarterly data are shown in the middle month of the quarter.

Table D.1. Domestic Perspectives


See footnotes at the end of the table.

Table D.1. Domestic Perspectives-Continued


## 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



SHARES OF GROSS DOMESTIC PRODUCT BY SECTOR


## SHARES OF GROSS DOMESTIC PURCHASES



SELECTED NIPA SERIES


## SELECTED NPA SERIES



## OTHER INDICATORS OF THE DOMESTIC ECONOMY



Percent



## OTHER INDICATORS OF THE DOMESTIC ECONOMY



## International Data

## F. Transactions Tables

Table F. 1 includes the most recent estimates of U.S. international trade in goods and services; the estimates were released on October 18, 2002, and they include "preliminary" estimates for August 2002 and "revised" estimates for July 2002. 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]

|  | 2000 | 2001 | 2001 |  |  |  |  |  | 2002 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | July | Aug. | Sept. | Oct | Nov | Dec. | Jan. | Feb. | March | April | May | Jun |  | Aug. |
| ports of | 1.064,239 | 998,02 | 82,199 | 83,092 | 77,033 | 7,54 | 7,965 | 77,477 | 77,528 | 77,332 | 78,391 | 00,329 | 81,009 | 82,165 | 02,909 | ,857 |
|  |  |  |  |  |  | $\begin{gathered} 56,360 \\ 4,49 \\ 124 \end{gathered}$ |  | $\begin{aligned} & 54,99 \\ & \text { 1204 } \end{aligned}$ | 55,01444.23212.236 | 54,6568 | 54,9783,98112,291 | 56,848 <br> a <br> 1381 <br> 13.17 | 57,399 | 4.259 | 4.3053,236 | 57.984 |
| Fond |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Capital looous, except tutomative. |  |  |  |  |  |  | 24,294 | ${ }_{2}^{2}, 511$ |  |  | 24,129 | 24,118 | 24,2 | 25,1 | 25,2 |  |
| Automotive venicles. engines |  |  |  | 6,513 | 6,405 | ${ }^{6.285}$ | 6,269 | 6,009 | 6,018 | 6.200 | 6,244 | ${ }_{6,689}$ | 6,76 | ${ }^{6,60}$ | 7 | 6,808 |
| utom |  | 88.33134.10-1039 |  | $\begin{aligned} & 7,133 \\ & 3,029 \\ & \hline-769 \end{aligned}$ | $\begin{gathered} 6,9.95 \\ \hline \end{gathered}, 6$ | $\begin{gathered} \substack{7.054 \\ 2.821 \\ -934} \end{gathered}$ | $\begin{aligned} & \substack{6,945 \\ 2.746 \\ -878} \end{aligned}$ | $\begin{aligned} & \substack{1,126 \\ 2.674 \\ -877} \end{aligned}$ |  | $\begin{aligned} & 6.856 \\ & \hline 2.688 \\ & \hline-881 \\ & \hline-888 \end{aligned}$ | -6,748 <br> -1,74 <br> $-1,048$ | $\begin{aligned} & 2,881 \\ & \hline \end{aligned}$ | $\begin{aligned} & \begin{array}{l} 6,874 \\ 3,045 \\ -996 \end{array} \end{aligned}$ | - 7.106 | 7,254 <br> $\substack{2,995 \\ -943 \\ \hline}$ | 7,1442, 1.000-1.028 |
| dujer dius |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Services <br> Travel <br> assenger fares... <br> oyaltiansportation Other private services <br> Transfers under U.S. military agency sales U.S. Governm |  |  | 23,589 | $\begin{gathered} 24,153 \\ 6.724 \\ \text { i.754 } \\ 2.443 \\ 3,475 \\ 8,976 \end{gathered}$ | $\begin{gathered} 21,308 \\ 4,7.78 \\ 4,75 \end{gathered}$ | $\left.\begin{gathered} 21,189 \\ 4.359 \\ 4,120 \end{gathered} \right\rvert\,$ | $\begin{gathered} 21,898 \\ 5,011 \\ \hline, 109 \end{gathered}$ | $\begin{gathered} 22,486 \\ \substack{5.36 \\ 1} \\ \hline 361 \end{gathered}$ |  | $\underset{\substack{5,6.60 \\ 1206}}{22.876}$ | $\begin{gathered} 23,413 \\ 5,888 \\ \hline, 88 \end{gathered}$ | $\begin{gathered} 23.481 \\ 5.621 \\ \hline .625 \end{gathered}$ | ${ }_{\substack{23,680 \\ 5.722}}$ | ${ }_{\text {23,916 }}^{5.85}$ | ${ }_{\substack{23,804 \\ 5 \\ 1726}}$ | 3,873 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 319 |  | 2,79 <br> $\left.\begin{array}{l}2,796 \\ 3\end{array}\right)$ | 2, 2,24 |  | 2, 233 | 23 | 2, 23 |  |  |  |
|  |  |  |  |  | ${ }^{3,963}$ | ${ }^{\text {9,146 }}$ | 9,209 | 9,205 | ${ }^{3,03}$ | 3,07 | ${ }_{9,363}^{3,357}$ | 9,541 | ${ }_{9} 96$ | ${ }_{9} 9,672$ | 9,7\% | ${ }_{9} 9.723$ |
|  |  |  | ${ }^{1.029}$ | ${ }^{1.012} 72$ | ${ }^{1,038}$ | 1,006 | ${ }^{997}$ | 1.105 64 |  | ${ }_{6}^{998}$ | ${ }_{65}^{87}$ | 10166 | ${ }^{1.008}$ | 1,008 | 97766 | ${ }_{67}^{982}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Imports of goods and services $\qquad$ Goods $\qquad$ | . 92 | 56,3 | 113,047 | 112,542 | 96,514 | 108,389 | 107,813 | 104,756 | 107,356 | 110,447 | 110,942 | 116,312 | 118,713 | 118,916 | 117,979 | 120,317 |
|  |  |  | $\begin{aligned} & 94,243 \\ & \hline 4.042 \\ & 22.432 \\ & 23,460 \\ & 23 \end{aligned}$ | $\begin{gathered} 93,396 \\ \substack{9,928 \\ 0,2129} \end{gathered}$ | $\begin{aligned} & 91,355 \\ & \text { 3, } 3.94 \\ & \text { 21.686 } \end{aligned}$ | $\begin{aligned} & 91,394 \\ & \text { 3,966 } \\ & 21,021 \end{aligned}$ | $\begin{gathered} 90,102 \\ 3,983 \\ 19.637 \end{gathered}$ | $\underset{381,525}{86,55}$$\begin{gathered} 3,821 \\ 18858 \\ 18020 \end{gathered}$ | $\begin{gathered} 8,481 \\ 3.870 \\ 18.934 \end{gathered}$ | $\begin{aligned} & 91,009 \\ & 18,099 \\ & 18.993 \end{aligned}$ | 91,583 | ${ }_{9}^{96,098}$ | 99,027 | ${ }_{9}^{98,868}$ | ${ }^{98,143}$ |  |
| Industria |  |  |  |  |  |  |  |  |  |  |  | 22,1 | 23.0 | 22. |  |  |
| ilal oooos, exxcept automotiv |  |  |  |  | 22.501 |  |  |  | ${ }^{22,859}$ |  | 234 | 23,8, | ${ }_{24,0}$ | 24. |  |  |
| Cutiomotive vehicices, enjines, and p |  |  | 16,048 | 16,198 | 15,69 | 15,53 | t5,823 | 15,50 | 15,2 | 16,35 | 15,98 | 17,00 | 17,6, |  |  | 17,428 |
|  | $\begin{array}{r} 281.832 \\ 48.33 \\ 4.395 \\ 6.395 \end{array}$ | $\begin{array}{r} 284,293 \\ 48,421 \\ 4,928 \\ 4,28 \end{array}$ | $\begin{gathered} 23,623 \\ 4.024 \\ 212 \end{gathered}$ | $\begin{gathered} 23,417 \\ 3,912 \\ 243 \end{gathered}$ | $\begin{gathered} 23.379 \\ \substack{3,912 \\ 225} \end{gathered}$ | $\begin{gathered} 23,765 \\ 4,036 \\ 213 \end{gathered}$ | $\begin{gathered} 23.620 \\ 4.062 \\ 206 \\ 206 \end{gathered}$ | $\begin{gathered} 22,222 \\ 4,085 \\ 169 \\ \hline \end{gathered}$ | $\left.\begin{array}{r} 23,244 \\ 4,204 \\ 4235 \end{array} \right\rvert\,$ | $\begin{gathered} 24,414 \\ 3,928 \\ 229 \end{gathered}$ | $\begin{gathered} 23.672 \\ 4.328 \\ 4274 \\ 274 \end{gathered}$ | $\begin{gathered} 25,0071 \\ 3,970 \\ 320 \end{gathered}$ | $\begin{aligned} & 25,620 \\ & 4,141 \\ & 321 \end{aligned}$ | $\begin{aligned} & 26,145 \\ & 4,376 \\ & \hline 280 \end{aligned}$ | 25,570 | 26,656 |
| Other oods. ${ }^{\text {adi. }}$ Adiusment |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Services. |  |  |  |  |  | $\begin{array}{r} 16,995 \\ 3,946 \\ 1,366 \\ 1, .067 \\ 1,067 \\ 5,369 \\ 5,749 \\ 1,46 \\ \hline 235 \end{array}$ | $\begin{gathered} 17,711 \\ \hline 4.411 \\ 1,486 \\ 1,945 \\ 1,367 \\ 5.867 \\ 1,858 \\ 1,458 \\ 235 \end{gathered}$ |  |  | $\begin{gathered} 19,438 \\ 4,789 \\ 1,689 \\ 2,928 \\ 1,953 \\ 6,937 \\ 1,494 \\ 1948 \end{gathered}$ |  |  |  |  |  |  |
| Passengeita |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other transpor |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Naties and license tees... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Memoranda: <br> Balance on goods <br> Balance on goods and services | $\begin{array}{r} -452,423 \\ -77,72 \\ -378,681 \end{array}$ | $\begin{gathered} -427,165 \\ -6858 \\ -388,2950 \end{gathered}$ | $\left\|\begin{array}{c} -35.633 \\ -4,755 \\ -30,888 \end{array}\right\|$ | $\begin{aligned} & -34,458 \\ & -59,071 \\ & -29,451 \end{aligned}$ | $\begin{array}{r} -35.660 \\ \hline 16.179 \\ -19481 \end{array}$ | $\begin{aligned} & -35.034 \\ & \text { 4.1.14 } \\ & -30840 \end{aligned}$ | $\begin{array}{r} -34,095 \\ 4,187 \\ -29,908 \end{array}$ | $\begin{aligned} & -31,534 \\ & 4,255 \\ & -27,279 \end{aligned}$ | $\left\|\begin{array}{c} -33.467 \\ 3.636 \\ -29,688 \end{array}\right\|$ | $\begin{aligned} & -36,353 \\ & 3,238 \\ & -33,115 \end{aligned}$ | $\left\lvert\, \begin{array}{r} -36.604 \\ 4,054 \\ -32,550 \end{array}\right.$ | $\begin{aligned} & -40,149 \\ & \hline 4,167 \\ & -35,982 \end{aligned}$ | $\begin{aligned} & -41,698 \\ & -37,994 \\ & -37,704 \end{aligned}$ | $\left\|\begin{array}{l} -40,619 \\ -3688 \\ -36,751 \end{array}\right\|$ | $\begin{array}{r} -33,037 \\ -3,068 \\ -35,669 \\ \hline \end{array}$ | $\begin{gathered} -42,274 \\ 3,814 \\ -38,460 \end{gathered}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

- Preliminary
${ }^{\prime}$ Revised.

1. Reflects adjustments necessary to bring the Census Bureau's component data in line with the concepts and definitions
used to prepare BEA's international and national accounts.
2. Contains goods that cannot be separately identified.
Source: U.S. Bureau of Economic Analysis and U.S. Bureau of the Census

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

| Line | (Credits + , debits - $)^{1}$ | 2001 | Not seasonally adiusted |  |  |  |  |  | Seasonally adjusted |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  |  |  | 2002 |  | 2001 |  |  |  | 2002 |  |
|  |  |  |  | 11 | III | IV | $1{ }^{\prime}$ | 118 |  | 1 | III | IV | $1{ }^{\text {r }}$ | 118 |
|  | Exports of goods and services and income recei | 1,281,7 | 347,304 | 332,942 | 306,844 | 294,703 | 289,712 | 305,5 | 349,040 | 331,612 | 309,477 | 291,667 | 291,348 | 304,35 |
|  | Exports of goods and ser | 8,022 | 263,736 | 258,016 | 239,744 | 236,526 | 231,262 | 244,775 | 266,004 | 256,766 | 242,325 | 232,930 | 233,252 | 243, |
|  | Goods, balance of payments basis ${ }^{2}$ | 718,762 | 192,909 | 187,647 | 167,292 | 170,914 | 163,810 | 175,507 | 193,284 | 184,846 | 173,274 | 167,358 | 164,649 | 172,676 |
|  | Services ${ }^{3}$ $\qquad$ Transters under U.S. m | $\begin{array}{r} 279,260 \\ 12,220 \end{array}$ | $\begin{array}{r}70,827 \\ 2.806 \\ \\ \hline 8\end{array}$ | $\begin{array}{r}70,369 \\ 3,227 \\ \hline\end{array}$ | $\begin{array}{r}72,452 \\ 3,079 \\ \hline\end{array}$ | $\begin{array}{r} 65,612 \\ 3.108 \end{array}$ | 67,452 2,990 | $\begin{array}{r} 69,268 \\ 3,117 \end{array}$ | $\begin{array}{r}72,720 \\ 2806 \\ \\ \hline 8\end{array}$ | 71,920 3,227 | $\begin{array}{r} 69.051 \\ 3,079 \end{array}$ | $\begin{array}{r} 65,572 \\ 3,108 \end{array}$ | $\begin{array}{r} 68,603 \\ 2,990 \end{array}$ | 71,076 3,117 |
|  | Travel | 73, | 18,299 | 20,276 | 20,628 | 13.916 | 15,056 | 17,605 | 20,735 | 19,803 | 17,845 | 14,736 | 17.038 | 17,200 |
|  | Passenger fares | 18 | 4,639 | 4,788 | 5,100 | 3,480 6667 | 3,842 | 4,156 | 5,007 | 4.849 | 4,522 | 3,629 | 4,171 | 4,209 |
|  | Other transporta | 28,306 | 7,163 |  | 7,308 | 6,667 | 6,523 | 7,022 | 7,495 | 7,170 | 6,968 | 6,674 | 6 | 7,027 |
|  | Royalt | 38,668 | 9.428 | 9,534 | 9.314 | 10,392 | 9,651 | 10.291 | 9,717 | 9.743 | 9.537 | 9.672 | 9,931 | 10,490 |
| 1 | Other private services ${ }^{\text {5 }}$ - ${ }^{\text {a }}$......... | 108.109 831 | ${ }^{28,270}$ | 25,175 201 | 26,809 214 | $\left.\begin{array}{r} 27,855 \\ 194 \end{array} \right\rvert\,$ | 29,195 195 | $\begin{array}{r}26,878 \\ \hline 199\end{array}$ | 26,738 222 | 26,927 | 26,886 214 | $\begin{array}{r} 27,559 \\ \mathbf{9} 94 \end{array}$ | $\begin{array}{r}27,473 \\ \hline 195\end{array}$ | $\begin{array}{r}28,884 \\ \hline 199\end{array}$ |
| 12 | Income recipts | 283,7 | 83.568 | 74,926 | 67,100 | 58,177 | 58,450 | 60,732 | 83,036 | 74,846 | 67,152 | 58,737 | 58,096 | 607 |
|  | Income receipts on U.S.-owned assets abroad | 281,389 | 82,976 | 74,333 | 66,503 | 57,577 | 57,839 | 60,118 | 82.444 | 74,253 | 66,555 | 58,137 | 57.485 | 993 |
|  | Direct investment receipts ........................ | 125,996 | 35,713 46,281 | 33,217 40,398 | 30.084 35.494 | 26,982 | ${ }_{27}^{28,946}$ | 31,326 28,162 | 35,270 46,281 | 33,078 4038 | 30,211 | 27,436 29.659 | 28,679 27994 | 31,145 28.162 |
| 16 | U.S. Government receip | 15,561 | -982 | ${ }^{4} \mathbf{7 1 8}$ | - 35,925 | +936 | -899 | 28,162 630 | 46,281 | -777 | 850 | 29,042 | -812 | 28,68 |
| 7 | Compensation of employees. | 2,382 | 592 | $\begin{array}{r} 593 \\ -419,632 \end{array}$ | $\|-394,713\|$ |  | $\left\lvert\, \begin{array}{r} 611 \\ -373,988 \end{array}\right.$ | $\begin{array}{r} 614 \\ -421,795 \end{array}$ | - $\begin{array}{r}592 \\ -445,154\end{array}$ | [ $\begin{array}{r}593 \\ -418,930\end{array}$ | - $\begin{array}{r}597 \\ -38848\end{array}$ | 6700 | $\begin{array}{r} 611 \\ -387.786 \end{array}$ | 614 |
| 18 | Imports of goods and services and income payments................. | -1,625,701 | -433,352 |  |  | -378,004 |  |  |  |  |  | -373,174 |  | -421,258 |
| 19 | imports of goods and services | -1,356,312 | -351,464 | -350.111 | -328,351 | -326,386 | -315,033 | -354,132 | -863,164 | -350,090 | -322,103 | -320,958 | -328,744 | -354,365 |
| 20 | Goods, balance of payments basis ${ }^{2}$Services ${ }^{3}$ /. ${ }^{\text {Direct defense expendenditures.......... }}$. | -1,145,927 | -298,773 | -290,463 | -281,518 | -275,173 | -261,1 | -293,886 | -306,316 | -292,565 | -279,025 | -268,021 | -271,073 | -295,316 |
| 21 |  | $\begin{array}{r} -210,385 \\ -15,198 \end{array}$ | $\begin{array}{r} -52,691 \\ -3,548 \\ \hline \end{array}$ | $\begin{array}{r} -59,648 \\ -3,512 \end{array}$ | $\begin{array}{r} -46,833 \\ -3,785 \\ \hline \end{array}$ | $\begin{array}{r} -51,213 \\ -4,353 \end{array}$ | $\begin{gathered} -53,854 \\ -4,486 \end{gathered}$ | $\begin{array}{r} -60,946 \\ -4,750 \end{array}$ | $\begin{array}{r} -56,848 \\ -3,548 \end{array}$ | $\begin{array}{r} -57,525 \\ -3,512 \end{array}$ | $\begin{array}{r} -43,078 \\ -3,785 \\ \hline \end{array}$ | $\begin{array}{r} -52,937 \\ -4,353 \end{array}$ | $\begin{array}{r} -57,671 \\ -4,488 \end{array}$ | $-59,049$$-4,750$ |
| 22 | Direct defense expenditures. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23 | Travel | $\begin{aligned} & -60,117 \\ & -22,418 \\ & -38,823 \end{aligned}$ | $\begin{array}{r} -13,545 \\ -5,237 \\ -10 \end{array}$ | $\begin{array}{r} -18,466 \\ -6.763 \\ -6.76 \end{array}$ | $\begin{array}{r} -17,253 \\ -6,571 \end{array}$ | $\begin{array}{r} -10,853 \\ -3,847 \end{array}$ | $\begin{array}{r} 12,389 \\ -4,609 \end{array}$ | $\begin{array}{r} -16,297 \\ -5,635 \end{array}$ | $\begin{array}{r} -16,003 \\ -5,810 \end{array}$ | $\begin{array}{r} -16,698 \\ -6,213 \end{array}$ | $\begin{array}{r} 144,468 \\ -5,944 \end{array}$ | $\begin{array}{r} -12,948 \\ -4,451 \end{array}$ | 4,587 | $-14,682$$-5,126$ |
| 25 |  |  |  |  |  |  |  |  |  |  |  |  | $-5,113$ $-8,858$ |  |
| 26 | Royalties and license fees ${ }^{5}$ $\qquad$ <br> Other private services ${ }^{5}$ | $\begin{array}{r} -16,359 \\ -54,588 \\ -2,882 \end{array}$ | $\begin{array}{r} -3,999 \\ -1594 \\ -723 \end{array}$ | $\begin{array}{r} -3,939 \\ -16,185 \\ -726 \end{array}$ | $\begin{array}{r} -3,956 \\ -4,934 \\ -726 \end{array}$ | $\begin{array}{r} -4,474 \\ -17,885 \\ -707 \\ -70 \end{array}$ | $\begin{array}{r} -4,653 \\ -18.517 \\ -741 \end{array}$ | $\begin{array}{r} -4,422 \\ -19,486 \\ -725 \end{array}$ | $\begin{array}{r} -4,097 \\ -16,446 \\ -723 \end{array}$ | $\begin{array}{r} -4,038 \\ -16,208 \\ -726 \end{array}$ | $\begin{aligned} & -4,113 \\ & -4,864 \end{aligned}$ | $\begin{array}{r} -4,110 \\ -17,371 \end{array}$ | -4,764 | $\begin{array}{r} -4,522 \\ -19,497 \\ -725 \end{array}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  | -19,120 |  |
| 28 | U.S. Government misceilianeous services........................................................ |  |  |  |  |  |  |  |  |  |  | -707 | -741 |  |
| 29 | me pay | -269,38 | -81,888 | -726 $-69,521$ |  | $-51,618$ | $-58,955$ | -67,573 | -81,990 | -68,840 | -66,345 | -52,216 | -59,042 | -66,893 |
| 30 |  | $\begin{array}{r}\text {-260,850 } \\ -23,401 \\ \hline\end{array}$ | -79,875 | ${ }_{-67.503}^{-6.022}$ | -64,174 <br> $-6,267$ | $\begin{array}{r}-49,298 \\ \hline 1,903 \\ \hline\end{array}$ | -56,822 | $-65,410$$-14,263$ | $-79,881$$-13,021$ | $\begin{array}{r} -66,727 \\ -5526 \\ -5,246 \end{array}$ | $-64,210$$-6,303$ | -50,035 | -56,803 | -64,621 |
| 31 | Direct in |  | -13,015 |  |  |  | -6,629 |  |  |  |  | 7.166 |  | -13,474 |
| 32 | Other priva | -156.784 | -45,512 | -40,886 | -38,156 | -32,230 | -31,679 | -32,475 | -45,512 | $-40,886$ | -38,156 | -32,230 | -31,679 | -32,475 |
| $\begin{aligned} & 33 \\ & 34 \end{aligned}$ | Compensation of employees | $-80,665$ $-8,539$ | $\begin{array}{r} -21,348 \\ -2,013 \end{array}$ | $\left.\begin{array}{r} -20,595 \\ -2,018 \end{array}\right]$ | $\begin{array}{r} 19,751 \\ -2,188 \end{array}$ | -18.971 -2.320 | -18.514 | $-18,672$ $-2,163$ | $\left.\begin{array}{r} -21,348 \\ -2,109 \end{array} \right\rvert\,$ | $\begin{array}{r} -20,595 \\ -2,113 \end{array}$ | $-19,751$ <br> $-2,135$ | $-18,971$ $-2,181$ | $-18,514$ $-2,239$ | $-18,672$ $-2,72$ |
| 35 | Unilateral current transfers net | $\begin{array}{r} -49,463 \\ -11,628 \\ -5,798 \\ -32,037 \end{array}$ | $\begin{array}{r} -11,827 \\ -2,419 \\ -1,467 \\ -8,247 \end{array}$ | $\begin{array}{r} -11,250 \\ -2,522 \\ -934 \\ -994 \end{array}$ | $\begin{array}{r} -12,157 \\ -2,905 \\ -1,027 \\ -1,027 \end{array}$ | -14,229 | -16,381 | -12,336 <br> $-3,111$ | $-11,608$-2.419 | $-11,916$$-2,522$-1.21 | $-12,360$$-2,905$ | -13,579-3 | $-16,016$ <br> $-6,273$ | - $\begin{array}{r}\text {-13,060 } \\ -3111\end{array}$ |
| 36 | U.S. Government grants ${ }^{4}$ |  |  |  |  | -3,782 | -6,273 |  |  |  |  |  |  |  |
| 37 | U.S. Government pensions and other tra |  |  |  |  | -7,777 | -8,778 | $-1,019$$-8,219$ | $-7,873$ | -8,103 | -8,150 | -7,911 | -8,395 | $-1,357$$-8,592$ |
| 38 | Private remittances and other transfers ${ }^{6}$ $\square$ Capital and financial account Capital account | $\begin{array}{r} -5,798 \\ -32,037 \end{array}$ | $\begin{aligned} & -1,167 \\ & -8,241 \end{aligned}$ | -7,794 | -1,225 |  |  |  |  |  |  |  |  |  |
| 4 | Capital accosnt transactions, net... <br> Financial account <br> U.S.-owned assets abroad, net (increase/financial outflow (-)) | 826 | 208 | 207 | 206 | 205 | 208 | 200 | 208 | 207 | 206 | 205 | 208 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | $-370,962$$-4,911$ | -218,586 | -81,594 | 23,140 | -93,922 | -28,121 | -142,649 | -215,815 | $\begin{array}{r} -80,036 \\ -1,343 \end{array}$ | $\begin{gathered} 24,978 \\ -3,559 \end{gathered}$ | $\left\|\begin{array}{r} -100,088 \\ -199 \end{array}\right\|$ | $\begin{array}{r} -25,918 \\ 390 \end{array}$ | $\left\lvert\, \begin{array}{r} -140,833 \\ -1,843 \end{array}\right.$ |
| 41 | U.S. official reserve assets, net Gold ${ }^{7}$ <br> Special drawing rights <br> Reserve position in the International Monetary Fund Foreign currencies |  | 190 | -1,343 | -3,559 | -19 | 390 | -1,843 | 190 |  |  |  |  |  |
| 43 |  |  | $\begin{array}{r} -189 \\ 574 \\ -195 \end{array}$ | $\begin{array}{r} -106 \\ -1,015 \\ -172 \end{array}$ | $\begin{array}{r} -120 \\ -3, \\ -1242 \\ -172 \end{array}$ | 40 | -109 | -107 | -189 | -156 | -145 | -140 | -109 | 107 |
| 44 |  |  |  |  |  |  | 652 | -1,607 | 574 | -1,015 | -3,242 |  | 652 | -1,607 |
| 45 |  |  |  |  |  | -142 | 153 | -129 | -195 | -172 | -172 | 析 | -153 | -129 |
|  | U.S. Government assets | -4 | 77 | -783 | 7 | , | 133 | 12 | 77 | -783 | 77 |  | 33 | 12 |
| 47 | U.S. credits and other long-term as | $-4,431$ | -1,094 | -1,330 | -1,011 | -996 | -853 | -565 | -1,094 | -1,330 | -1,011 | -99 |  |  |
| 48 | Repayments on U.S. credits and other long-term assets ${ }^{8}$ | 3,873 72 | 1,071 100 | ${ }_{-26}$ | 1,118 -30 | 1,111 28 | $\stackrel{94}{-8}$ | 24 | $\begin{array}{r}1,071 \\ \\ \hline 00 \\ \hline\end{array}$ | -273 | 1,118 -30 | 1,111 | -89 | 24 |
| 50 | U.S. private assets, | -365 | -218, |  |  |  |  |  |  |  |  |  |  |  |
| 51 | Direct investment | -127,840 | -26,285 | -36.689 | -43,562 | -21,304 | -31,483 | -31,179 | -23,514 | $-35,131$ | -41,724 | -27,470 | -29.280 | -29,363 |
| 5 | Foreign securities | -94,662 | 6,8 | -5 | 10,087 | -26,0 | 2,04 | -9,987 | -26,8 | -51,764 | 10,087 | -26,090 | 2,047 | 987 |
| 53 | U.S. Claims on una |  | -51 |  | 479 |  | 65 | -26,976 |  | 9,670 | 9.479 |  |  |  |
| 54 | U.S. claims reported by U.S. banks, not included elsewhere... | , | -51, |  | ,576 | -83,68 | 727 | $-72,676$ | -113,914 | 9,68 | 9,576 | -83,682 | 27 | $-72,676$ |
| 55 | Foreign-owned assets in the United States, net (increase/ financial inflow ( + ) $\qquad$ | 752,806 | 303,125 | 182,749 | 18,136 | 248,796 | 113,921 | 222,431 | 302,510 | 181,610 | 17,889 | 250,797 | 113,496 | 221,213 |
| 56 | Foreign officia | 5.224 | 4,087 | -20,831 | 16,882 | 5,086 | 7.641 | 47.062 | 4,087 | -20.83 | 16,882 | 5,08 | 7.64 |  |
| 51 | U.S. Government securitie | 31,665 | 2,547 | -10,866 | 15,594 | 24,390 | 6,794 | 21,741 | 2,547 | -10,866 | 15,594 | 24,39 | 6,714 | 21,741 |
| 58 | U.S. Tre | 10,7 | -1,027 | -20,798 | 15,810 | 16.76 | -582 | 15,19 | -1,027 | -20,798 | 15,810 | 16,760 | -582 | 15,193 |
|  | Othe | 20,9 | 3,574 | 9,932 | -21 | 7,630 | 7,296 | ,54 | 3.57 | 9,932 |  | 7.63 | 7,29 |  |
|  | Other U.S. Government liabilities ${ }^{11}$... | -1,882 | -676 | -791 | -792 | -504 | -790 | -20 | -676 | -791 |  | -504 | -790 | -20 |
| $\begin{aligned} & 61 \\ & 62 \end{aligned}$ | U.S. liabilities reported by U.S. ${ }^{\text {a }}$. banks, not included dil | -30,278 | 1,213 | -10,202 | -7822 | -20,507 | 991 726 | $\begin{array}{r}24,415 \\ \hline 926\end{array}$ | 1.213 | -10,202 | -782 | -20,507 | 991 | 24,415 |
| 63 | Other foreign assets in | 747,582 | 299,038 | 203,580 | 1,254 | 243,710 | 106,280 | 175,369 | 298,423 | 202,441 | 1,007 | 245,711 | 105,855 | 4,151 |
| 64 | Direct investme | 130,796 | 44,204 | 52,241 | 14,455 | 19,896 | 16,648 | 2,184 | 43,589 | 51,102 | 14,208 | 21.897 | 16.223 | 966 |
| 65 | U.S. Treasury securities | -7,670 | -4,744 | -14,685 | -15,470 | 27.229 | -7,282 | 1,3881 | -4,744 | -14,68 | -15,470 | 27,229 | -7,282 | 1,386 |
| 66 | U.S. securities ot | 407,653 | 129,990 | 113,566 | 64,787 | 99,320 | 71,095 | 103.771 | 129,990 | 113,556 | 64,787 | 99,320 | 71,095 | 103,771 |
| ${ }_{68}^{67}$ | U.S. currency | 23,783 | 2,311 | 2,772 | 8,203 | 10,497 | 4,525 | 7,183 | 2,311 | 2,772 | 8,203 | 10,497 | 4,525 | 7,183 |
| 68 | U.S. Lliabilities to unafi | 82,353 | 111,644 | -5,307 | -25,154 | 1,170 | 32,345 | 25,956 | 111,644 | -5,307 | -25,154 | 1,170 | 32,345 |  |
| 69 | U.S. liabilities reported by U.S. banks, not included elsewhere | +10,667 | 15,633 | 55,003 | -45,567 | 85,598 | -11,051 | 34,889 | 15,633 | 55,003 | -45,567 | 85,598 | -11,051 | 4,889 |
|  | Statistical discrepancy (sum of above items with | 10,701 | 13,128 | -3,422 | 58,544 | $-57,549$ | 14,649 | 48,552 | 20,819 | -2,547 | 48,258 | $-55,828$ | 24,668 | 49,379 |
| 70a | Of which: Seasonal adjustment discrepancy........................ |  |  |  |  |  |  |  | 7,691 | 875 | -10,286 | 1,721 | 10,019 | 827 |
|  | Memoran |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 71 | Balance on good | -427,165 | -105,864 | -102,816 |  |  | -97,369 | -117,679 |  | -107.719 | -105,751 | -100,663 | -106,424 | -122,640 |
| 72 | Balance on services (lines 4 and 21) |  | 18,136 | 10,721 | 25,619 | 14,399 | $13,598$ | 8,322 | 15,872 | 14,395 | 25,973 | 12.635 | 10,932 | 12,027 |
| 73 | Balance on goods and services (lines) | -358,290 | -87,728 | -92,095 | -88,607 | -89,860 | -83,771 | -109,357 | -97,160 | -93,324 | -79,778 | -88,028 | -95,492 | -110,613 |
| 74 | Balance on income (lines 12 and 29). | 14,382 | 1,680 | 5.405 | 738 | 6.559 | -505 | -6.841 | 1,046 | 6,006 | 807 | 6,521 | -946 | -6,286 |
| 75 | Unilateral current transfers, net (line 35) | -49,463 | -11,827 | -11,250 | -12,157 | -14,229 | -16,381 | -12,336 | -11,608 | -11,916 | -12,360 | -13,579 | -16,016 | -13,060 |
| 76 | 75) ${ }^{13}$ | -393,371 | -97,875 | -97,940 | -100,026 | -97,530 | -100,657 | -128,534 | -107,722 | -99,234 | -91,331 | -95,086 | -112,454 | -129,95 |

## ${ }^{1}{ }^{1}$ Preliminary

See footinotes on page D-57
Source: Table 1 in "U.S. Intemational Transactions, Second Quarter 2002" in the October 2002 issue of the Surver or Current Business.

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


See footnotes on page D-57.

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


[^22]Table F.3. U.S. International Transactions, by Area-Continued
[Millions of dollars]

${ }^{2}$ P Preliminary.
See footrotes on page D-57.
Source: Table no in "U.S. International Transactions, Second Quarter 2002" in the October issue of the Suaver of Curame Buswess.

Table F.4. Private Services Transactions
[Millions of dollars]

| Line |  | 2001 | Not seasonally adjusted |  |  |  |  |  | Seasonally adjusted |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  |  |  | 2002 |  | 2001 |  |  |  | 2002 |  |
|  |  |  | 1 | 11 | III | N | $1{ }^{\prime}$ | 110 | 1 | II | III | IV | 15 | $11^{p}$ |
|  | Exports of private services. | 266,209 | 67,799 | 66,941 | 69,159 | 62,310 | 64,267 | 65,952 | 69,692 | 68,492 | 65,758 | 62,270 | 65,418 | 67,760 |
| 2 | Travel (table 1, line 6) | 73,119 | 18,299 | 20,276 | 20,628 | 13,916 | 15,056 | 17,605 | 20,735 | 19,803 | 17,845 | 14,736 | 17.038 | 17,200 |
|  | Passenger fares (table 1, line 7) | 18,007 | 4,639 | 4,788 | 5.100 | 3,480 | 3,842 | 4,156 | 5,007 | 4,849 | 4,522 | 3,629 | 4,171 | 4,209 |
| 4 | Other transportation (table 1, line 8) | 28,306 | 7,163 | 7,168 | 7,308 | 6,667 | 6,523 | 7,022 | 7,495 | 7,170 | 6,968 | 6.674 | 6,805 | 7,027 |
| 5 | Freight ................................ | 11,930 | 3,047 | 3,000 | 2.925 | 2,958 | 2,884 | 3.043 | 3,094 | 2,990 | 2,937 | 2,910 | 2,931 | 3,035 |
| 6 | Port services... | 16,376 | 4,116 | 4,168 | 4,383 | 3,709 | 3,639 | 3,979 | 4,401 | 4,180 | 4,03t | 3,764 | 3,874 | 3,992 |
| 7 | Royalties and license fees (table 1, line 9)......................... | 38,668 | 9,428 | 9,534 | 9,314 | 10,392 | 9,651 | 10,291 | 9,717 | 9,743 | 9,537 | 9,672 | 9,931 | 10,490 |
| 8 | Affiliated ................................................................. | 25,873 | 6,192 | 6,342 | 6,138 | 7,201 | 6,399 | 6,953 | 6,481 | 6,551 | 6,361 | 6,481 | 6,679 | 7,152 |
| 9 | U.S. parents' receipts | 23,502 | 5,688 | 5,868 | 5,669 | 6,277 | 6.020 | 6,508 | 5,908 | 5,968 | 5,827 | 5,799 | 6,258 | 6,615 |
| 10 | U.S. affiliates' receipts | 2,371 | 504 | 474 | 469 | 924 | 379 | 445 | 573 | 583 | 534 | 682 | 421 | 537 |
| 11 | Unatfiliated ................... | 12.795 | 3,236 | 3,192 | 3,176 | 3,191 | 3,252 | 3,338 | 3,236 | 3,192 | 3,176 | 3,191 | 3,252 | 3,338 |
| 12 13 | Industrial processes ${ }^{\text {1 }}$ Other | 4,852 7,943 | 1,209 2,027 | 1,208 1,984 | 1,214 1,962 | 1,221 1,970 | 1,242 2,009 | 1,270 2,088 | 1,209 | 1,208 <br> 1 | 1,214 <br> 1 | 1,221 1,970 | 1,242 | 1,270 |
| 13 | Other ${ }^{2}$....... | 7,943 | 2,027 | 1,984 | 1,962 | 1,970 | 2,009 | 2,068 | 2,027 | 1,984 | 1,962 | 1,970 | 2,009 | 2,068 |
| 14 | Other private services (table 1, line 10) ............................. | 108,109 | 28,270 | 25,175 | 26,809 | 27,855 | 29,195 | 26,878 | 26,738 | 26,927 | 26,886 | 27,559 | 27,473 | 28,834 |
| 15 | Affiliated services .................................................... | 36,243 | 8,657 | 8,637 | 8.713 | 10,236 | 8.508 | 9,182 | 8,824 | 8,969 | 9,043 | 9,408 | 8,638 | 9,564 |
| 16 | U.S. parents' receipts | 21,237 | 5,028 | 5,263 | 5.154 | 5,792 | 4,841 | 5,241 | 5,208 | 5,288 | 5,360 | 5,381 | 5,011 | 5,262 |
| 17 | U.S. affiliates' receipts | 15,006 | 3,629 | 3,374 | 3,559 | 4,444 | 3,667 | 3,941 | 3,616 | 3,681 | 3.683 | 4.027 | 3.627 | 4,302 |
| 18 | Unatfiliated Services .... | 71,866 | 19,613 | 16,538 | 18,096 | 17,619 | 20,687 | 17,696 | 17.914 | 17,958 | 17.843 | 18,151 | 18,835 | 19.270 |
| 19 | Education... | 11,493 | 4,549 | 1,433 | 3,104 | 2,407 | 4,996 | 1,571 | 2,760 | 2.831 | 2,922 | 2,980 | 3,052 | 3,123 |
| 20 | Financial services | 15,209 | 4,043 | 3,940 | 3,531 | 3,695 | 3,770 | 3,828 | 4,047 | 3,935 | 3,535 | 3,692 | 3,767 | 3,817 |
| 21 22 | insurance, net........ | 8, 18 | 2129 | -13 2137 | 2204 | - 2179 | 91 | 1288 | 129 | -137 | ${ }^{-18}$ | ${ }^{-79}$ | 91 | 128 2304 |
| 23 | Losses paid .... | 8,640 | 1,993 | 2,150 | 2,242 | 2,254 | 2,113 | 2,176. | 1,993 | 2,150 | 2,242 | 2,254 | 2,113 | 2,304 |
| 24 | Telecommunications. | 4,796 | 1.209 | 1,20才 | 1,194 | t,192 | 1,277 | 1,351 | 1,209 | 1,201 | 1,194 | 1,192 | 1,277 | 1,351 |
| 25 | Business, protessional, and technical services ................ | 25,720 | 6,144 | 6,352 | 6,566 | 6,658 | 6,817 | 6,939 | 6,144 | 6,352 | 6,566 | 6,658 | 6,817 | 6,939 |
| 26 | Other unafiliated services ${ }^{3}$..................................... | 14,630 | 3,539 | 3,625 | 3,718 | 3,747 | 3,736 | 3,880 | 3,625 | 3,652 | 3.643 | 3,709 | 3,831 | 3,913 |
| 27 | Imports of private services... | 192,305 | 48,420 | 55,410 | 42,322 | 46,153 | 48,625 | 55,471 | 52,577 | 53,287 | 38,567 | 47,877 | 52,442 | 53,574 |
| 28 | Travel (table 1, line 23) | 60,117 | 13,545 | 18,466 | 17,253 | 10,853 | 12,389 | 16,297 | 16,003 | 16,698 | 14,468 | 12,948 | 14,587 | 14,682 |
| 29 | Passenger fares (table 1, line 24) | 22,418 | 5,237 | 6,763 | 6,571 | 3,847 | 4,609 | 5,635 | 5,810 | 6,213 | 5,944 | 4,45t | 5,113 | 5,126 |
| 30 | Other transportation (table 1 , line 25) | 38,823 | 10,064 | 10,057 | 9.608 | 9,094 | 8,457 | 9,631 | 10,521 | 10,130 | 9,178 | 8,997 | 8,858 | 9,747 |
| 31 | Freight ... | 25,667 | 6,756 | 6,626 | 6,191 | 6,094 | 5,585 | 6,422 | 7,094 | 6,681 | 5,878 | 6.015 | 5,881 | 6,522 |
| 32 | Portservices | 13,156 | 3,308 | 3,431 | 3,417 | 3,000 | 2,872 | 3,209 | 3,427 | 3,449 | 3,300 | 2,982 | 2,977 | 3,225 |
| 33 | Royalties and license fees (table 1, line 26)......................... | 16,359 | 3,990 | 3,939 | 3,956 | 4,474 | 4,653 | 4,422 | 4,097 | 4,038 | 4,113 | 4,110 | 4,764 | 4,522 |
| 34 | Affiliated | 13,008 | 3,190 | 3,112 | 3,105 | 3,601 | 3,240 | 3,272 | 3,297 | 3,211 | 3,262 | 3,237 | 3,351 | 3,372 |
| 35 | U.S. parents' payments.. | 2,026 | 497 | 494 | 517 | 518 | 507 | 581 | 497 | 494 | 517 | 518 | 507 | 581 |
| 36 | U.S. aftiliates' payments | 10.982 | 2,693 | 2,618 | 2,588 | 3.083 | 2,733 | 2,691 | 2,800 | 2,717 | 2.745 | 2,719 | 2.844 | 2,791 |
| 37 | Unatifiliated ................. | 3,351 | 800 | 827 | 851 | 873 | 1,413 | 1,150 | 800 | 827 | 851 | 873 | 1,413 | 1,150 |
| 38 38 | Industrial processes | 1,815 | 439 | 448 | 458 | 470 | 483 | 497 | 439 | 448 | 458 | 470 | 483 | 497 |
| 39 | Other ${ }^{2}$.................. | 1,536 | 361 | 379 | 393 | 403 | 931 | 654 | 361 | 379 | 393 | 403 | 931 | 654 |
| 40 | Other private services (table 1, line 27) .............................. | 54,588 | 15,584 | 16,185 | 4,934 | 17,885 | 18,517 | 19,486 | 16,146 | 16,208 | 4,864 | 17,371 | 19,120 | 19,497 |
| 41 | Atiliated services .................................................................... | 28,410 | 6.492 | 6,934 | 7,178 | 7,806 | 7,056 | 7,180 | 6,935 | 6,958 | 7,273 | 7,244 | 7.529 | 7.196 |
| 42 | U.S. parents' payments. | 13,467 | 3,183 | 3,341 | 3,311 | 3,632 | 2,977 | 3,439 | 3,417 | 3,372 | 3,384 | 3,294 | 3,194 | 3,477 |
| 43 | U.S. atfiliates' payments | 14,943 | 3,309 | 3,593 | 3,867 | 4,174 | 4,079 | 3,741 | 3,518 | 3,586 | 3,889 | 3,950 | 4,335 | 3.719 |
| 44 | Unaffiliated Services .... | 26,178 | 9,092 | 9,251 | -2,244 | 10,079 | 11,461 | 12,306 | 9,211 | 9,250 | $-2,409$ | 10,127 | 11,591 | 12,301 |
| 45 | Education. | 2,378 | 449 | 591 | 777 | 561 | 499 | 657 | 568 | 590 | 612 | 608 | 630 | 652 |
| 46 | Financial services | 4,016 | 1,146 | 1,084 | 882 | 904 | 974 | 1,010 | 1,146 | 1,084 | 882 | 904 | 974 | 1,010 |
| 47 | Insurance, net....i. | 4,906 | 3.818 | 3.859 | -7,640 | 4,869 | 6,177 | 6,738 | 3.818 | 3,859 | -7,640 | 4,869 | 6,177 | 6,738 |
| 48 | Premiums paid. | 39.895 | 9,068 | 9,542 | 10.130 | 11,155 | 12.510 | 13,142 | 9,068 | 9,542 | 10,130 | 11,155 | 12.510 | 13,142 |
| 49 | Losses recovered.. | 34,989 | 5,250 | 5,684 | 17,770 | 6,286 | 6,333 | 6,403 | 5,250 | 5,684 | 17,770 | 6,286 | 6,333 | 6,403 |
| 50 | Telecommunications. | 4,298 | 1,185 | 1,111 | 1,038 | 965 | 950 | 978 | 1,185 | 1,111 | 1,038 | 965 | 950 | 978 |
| 51 52 | Business, professional, and technical services....... | 10,040 | 2,367 | 2,474 | 2,562 | 2,638 | 2.714 | 2,773 | 2,367 | 2,474 | 2,562 | 2,638 | 2,714 | 2,773 |
| 52 | Other unaffiliated services ${ }^{3}$......................................... | 540 | 127 | 132 | 138 | 143 | 147 | 149 | 127 | 132 | 138 | 143 | 147 | 149 |
|  | Memoranda: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 53 | Balance on goods (table 1, line 71) ..................................... | -427, 65 | -105,864 | -102,816 | -114,226 | -104,259 | -97.369 | -117,679 | -113,032 | -107,719 | -105,751 | -100,663 | -106,424 | -122,640 |
| 54 | Balance on private services (line t minus line 27) ................. | 73,904 | 19,379 | 11,531 | 26,837 | 16,157 | 15,642 | 10.481 | 17,115 | 15,205 | 27,191 | 14,393 | 12,976 | 14,186 |
| 55 | Balance on goods and private services (lines 53 and 54).......... | -353,261 | -86,485 | -91,285 | -87,389 | -88,102 | -81,727 | -107,198 | -95,917 | -92,514 | -78,560 | -86,270 | -93,448 | -108,454 |
| ${ }^{\rho}$ Preliminary. <br> 'Revised. <br> 1. Includes royalties, license fees, and other fees associated with the use of intangible assets, including patents, trade secrets, and other proprietary rights, that are used in connection with the production of goods. <br> 2. Includes royalties, license fees, and other fees associated with the use of copyrights, trademarks, franchises, rights to |  |  |  |  |  | broadcast live events, software licensing fees, and other intangible property rights. <br> 3. Other unaffiliated services receipts (exports) include mainly expenditures of foreign governments and international organizations in the United States and film and television tape rentals. Payments (imports) include mainly expenditures of |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## Footnotes to Tables F.2. and F.3.

Footnotes to Tables F. 2 and F .3 :

1. Credits, $+:$ Exports of goods and services and income receipts; unilateral current transters to the United States crease in U.S.-owned assets (U.S. claims)
Debits,-: Imports of goods and services and income payments; unilateral current transfers to foreigners; capital accounts transactions payments; inancial outtiows--decrease in foreign-owned assets (U.S. liabilities) or increase in 2 Excludes exports of
cudes imports of goods under direct defense expenditures identified in Census import Census export documents, ex ous other adjustments (for valuation, coverage, and timing) of Census statistics to balance of payments basis, see able 2 .
2. Includes some goods: Mainly military equipment in line 5; major equipment, other materials, supplies, and petroleum products purchased abroad by U.S. military agencies in line 22; and fue's purchased by airline and stearnship perators in lines 8 and 25
3. Beginning in 1982, these lines are presented on a gross basis. The definition of exports is revised to exclude U.S parents' payments to foreion afinilates and to include U.S aftiliates' receipts from foreign parents. The definition on mports is revised to include U.S. parents' payments to toreign affiliates and to exclude U.S. affiliates' receipts from oreign parents.
4. Beginning in 1982, the "other transfers" component includes taxes paid by U.S. private residents to foreign gov7 At the present time all priv Treasury-owned to the U.S. Government.
5. At the present time, all U.S. Treasury-owned gold is held in the United States.
6. Inciudes sales of foreion obligations to foreigners.
7. Consists of bills, certificates, marketable bonds and notes, and nonmarketable convertible and nonconvertible onds and notes. U.S. Government corporations and agencies.
8. Includes, primarily, U.S. Government liabilities associated with mikitary agency sales contracts and other trans12. Consists of investments in U.S. corporate stocks and in debt securities of private corporations and State and iocal governments.
9. Conceptually, line 76 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) inctudes adjustments to the international transactions acwith U.S. tervitories and Puerto Rico, and (c) includes services turnished without payment by financial pension plans except life insurance carriers and private noninsured pension plans. A reconciliation of the balance on goods and services from the international accounts and the NIPA net exports appears in reconciliation table 2 in appendix $A$ in this ssue of the Supver of Curaen Busimess. 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 in the August issue of the Surver.
Additional tootnotes to Table F.3:
and Portugal. Beginning with the first quarter of 1995, the "European Union" also includies Austria, Finland, and Speden. The "European Union ( 6 )" includes Belgium, France, Germany (includes the former German Democratic Repub(East Germany) beginning in the fourt quarter of 1990), Italy, Luxembourg, Nethertands, European Atomic rgy Community, European Coal and Steel Community, and European Investment Bank
haternational shipping, in operating oil and gas drilling equipment internationally, and in orign atfiliates engaged in cludes taxes withheld; current-cost adjustments associated with U.S. and foreign direct investment; before 1996 , small transactions in business services that are not reported by country; and net U.S. currency flows, for which geo graphic source data are not available.
10. Details not shown separately ars iee totals in lines 56 and 63

## G. Investment Tables

Table G.1. International Investment Position of the United States at Yearend, 2000 and 2001
[Millions of dollars]


## $\quad$ Preliminary. ${ }^{\circ}$ Revised. <br> Revised.

1. Represents gains or losses on foreign-currency-denominated assets due to their revaluation at current exchange rates.
. Includes changes in coverage, statistical discrepancies, and other adjustments to the value of assets.
Reflects changes in gold stock from U.S. Treasury sates of gold medallions and commennorative and bullion
coins; also reflects replenishment through open market purchases. These demonetizations/monetizations are no included in international transactions tinancial flows.

Table G.2. U.S. Direct Investment Abroad: Selected Items, by Country and by Industry of Foreign Affiliate, 1999-2001 [Milions of dollars]

|  | Direct investment position on a historical-cost basis |  |  | Capital outflows (inflows (-)) |  |  | income |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1999 | 2000 | 2001 | 1999 | 2000 | 2001 | 1999 | 2000 | 2001 |
| All countries, all industries $\qquad$ <br> By country | 1,173,122 | 1,293,431 | 1,381,674 | 174,576 | 164,969 | 113,977 | 112,359 | 135,109 | 111,089 |
| Canada ..................................................................... | 111,747 | 128,814 | 139,031 | 18,122 | 18,950 | 14,440 | 12,103 | 14,688 | 11,773 |
| Europe $\qquad$ <br> of which | 611,958 | 679,457 | 725,793 | 99,224 | 92,427 | 56,133 | 57,704 | 66,523 | 55,667 |
| France | 39,960 | 38.752 | 38,457 | 512 | 2,011 | 655 | 1,386 | 2.404 | ,920 |
| Germany... | 48.445 | 50,963 | 61,437 | 4,268 | 3,099 | 11,360 | 4,621 | 4,588 | 2,690 |
| Netherlands............................................................................. | 110.321 | 117,557 | 131,884 | 88.253 | 2,953 | 16,058 | 12.598 | 11,858 | 13,417 |
| Switerland........................................................... | 44.499 228,574 | 55,854 241,663 | 62,897 249,201 | 8,407 47839 | 9,959 35,763 | 6,629 13.231 | $\begin{array}{r}7,098 \\ 14,915 \\ \hline\end{array}$ | $\begin{array}{r}7,025 \\ 20.655 \\ \hline\end{array}$ | 7.576 12.051 |
| United Kingdom ...................................................... | 228,574 | 241,663 | 249,201 | 47,839 | 35,763 | 13,231 | 14,915 | 20,655 | 12,051 |
| Latin America and Other Western Hemisphere $\qquad$ Of which. | 237,748 | 251,863 | 269,566 | 34,277 | 23,442 | 26,510 | 19,636 | 18,703 | 18,718 |
| $\qquad$ <br> Brazil | 51,613 37,383 | 56,594 39,033 | 61,929 36,317 | 7,786 <br> 3,484 | 6,532 3,091 | 5,865 | 4,373 <br> 1,51 | 6,036 1,579 | $\begin{array}{r}5,045 \\ \hline 756\end{array}$ |
| Mexico ........... | 32,888 | 37,332 | 52,168 | 5,978 | 5,302 | 15,078 | 4.448 | 4,371 | 4,409 |
| Panama ......................................................................................................... | 33,143 | 29,316 | 25,296 | 2,259 | 1,231 | 753 | 2,365 | 501 | 452 |
| Africa... | 13,621 | 14,417 | 15,872 | 498 | 1,151 | 798 | 1,876 | 2,675 | 2,063 |
| Middle East ............................................................................ | 10,712 | 11,087 | 12,643 | 5 | 1,635 | 1,269 | 1,180 | 2,254 | 1,314 |
| Asia and Pacific... of which | 184,313 | 205.317 | 216,501 | 21,890 | 27,333 | 15,012 | 19,927 | 29,983 | 21,153 |
| Of which: <br> Australia $\qquad$ <br> Japan $\qquad$ | $\begin{aligned} & 34,743 \\ & 56,393 \end{aligned}$ | $\begin{aligned} & 35,364 \\ & 59,441 \end{aligned}$ | $\begin{aligned} & 34,044 \\ & 64,103 \end{aligned}$ | $\begin{aligned} & 3,244 \\ & 9,449 \end{aligned}$ | $\begin{aligned} & 2,421 \\ & 6,279 \end{aligned}$ | $\begin{array}{r} -423 \\ 5,474 \end{array}$ | $\begin{aligned} & 2,472 \\ & 4,749 \end{aligned}$ | $\begin{aligned} & 3,586 \\ & 7,805 \end{aligned}$ | $\begin{aligned} & 1,690 \\ & 5,683 \end{aligned}$ |
| International ....................................................... | 3,024 | 2,476 | 2,278 | 560 | 31 | -184 | -68 | 282 | 402 |
| By industry |  |  |  |  |  |  |  |  |  |
| Petroleum......................... | 90,493 | 95,834 | 102,074 | 9,481 | 10,594 | 12,668 | 10,174 | 18,667 | 13,866 |
| Manuacturing ............................................................ | 306,156 | 353.550 | 376,259 | 34,939 | 58,049 | 36,381 | 33,213 | 38,965 | 28.806 |
|  |  |  |  | 71,346 | 2,913 16,462 |  | 3,820 9,250 | 3,868 9,882 | 4,029 10,355 |
|  | 18,328 | 18,773 | 21,488 | 1,088 | ${ }_{7} 633$ | 2,895 | 1,381 | 1,631 | t,211 |
| Industrial machinery and equipment................................... | 35.337 | 41,199 | 52,392 | 6,393 | 7,305 | 12.039 | 4.445 | 6,652 | 4,940 |
| Electronic and other electric equipment.............................. | 36.996 | 49,065 | 48,391 | 3,940 | 16,156 | 905 | 3.679 | 5,683 | 2,768 |
| Transportation equipment <br> other manufacturing | 36,045 63,569 | 40,052 | 70,687 | 6,687 8,126 | 7,159 7,420 | 578 7,473 | 4,416 6,220 | 3,613 | 612 4.890 |
| Whoiesale trade............................................................... | 74,215 | 83,724 | 92,836 | 6.413 | 12,434 | 9,289 | 10,837 | 12,524 | 12,093 |
| Depository institutions ............................................ | 38,365 | 38,071 | 49,319 | 533 | -2,221 | 9,925 | 856 | 1,826 | 2,520 |
| Finance, (except depository institutions), insurance, and real estate. | 498,488 | 542,641 | 572,545 | 86,419 | 54,147 | 34,983 | 45,906 | 52,938 | 46,135 |
| Services .............. | 72,054 | 80,144 | 86,491 | 14,473 | 10,785 | 7,513 | 8,550 | 8,912 | 6,817 |
| Other industries.................................................................... | 93,371 | 99.469 | 102,150 | 22,318 | 21,182 | 3.217 | 3.323 | 1,277 | 854 |
| Note. In this table, unlike in the international transactions accounts, incom without a current-cost adjustment, and income is shown net of withholding ternational investment position, the direct investment position is valued at | $d$ capital out cal cost. | ws are shown Unike in the | The dat Position a Busimess. | s table are ated Capita | tables 16 income flo | 7 in "U.S. D $2001^{\prime \prime}$ in the | Investment plember 20 | ad: Detail sue of the | torical-Cost y of Curaent |

Table G.3. Selected Financial and Operating Data for Nonbank Foreign Affiliates of U.S. Companies by Country and by Industry of Affiliate, 1999

|  | All nonbank affiliates |  |  |  |  |  | Majority-owned nonbank foreign affiliates (MOFA's) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Millions of dollars |  |  |  |  | Thousands employees | Millions of dollars |  |  |  |  |  | Thousands of employees |
|  | Total assets | Sales | $\begin{gathered} \text { Net } \\ \text { income } \end{gathered}$ |  | U.S. imports of goods shipped by affiliates |  | Total assets | Sales | $\begin{gathered} \text { Net } \\ \text { income } \end{gathered}$ | Gross product | $\begin{gathered} \text { U.S. } \\ \text { exports of } \\ \text { goods } \\ \text { shipped } \\ \text { to MOFA's } \end{gathered}$ | U.S. imports <br> of goods shipped MOFA's |  |
| All countries, all industries $\qquad$ <br> By country | 4,628,182 | 2,587,301 | 199,069 | 208,850 | 193,615 | 8,907.1 | 4,041,598 | 2,195,327 | 160,490 | 561,158 | 202,914 | 181,283 | 7,470.8 |
| Canada...................................................................... | 367,802 | 302,844 | 15,476 | 73,586 | 79,382 | 1,054.6 | 335,254 | 280,644 | 14,951 | 63,803 | 71,937 | 75,634 | 984.0 |
| Europe of which: $\qquad$ | 2.626.759 | 1,367,665 | 99,754 | (D) | 32,960 | 3.787 .4 | 2,423,918 | 1,201,512 | 91,467 | 321,581 | 48,029 | 31,888 | 3,418.9 |
| France......................................................... | 161,495 | 142,034 | 3,884 | 5.526 | 3,198 | 518.0 | 140,315 | 123,850 | 3,610 | 36,942 | 4,906 | 3,088 | 479.0 |
| Germany. | 291.077 | 241,496 | 9,889 | 8,100 | 4,397 | 675.8 | 256,495 | 199,709 | 8,375 | 61,862 | 8,047 | 4,350 | 631.9 |
| Netherlands................................................... | 299,780 | 135.445 | 17,281 | (D) | 1.472 | 194.9 | 281,275 $1.134,967$ | 116,298 <br> 340 | 15,669 22.602 | $\begin{array}{r}17,897 \\ \text { to, } \\ \hline\end{array}$ | 6,969 12,645 | 1,466 | 179.2 10652 |
| United Kingdom.............................................. | 1,190,163 | (D) |  | 12.658 | 9,001 | 1,171.8 | 1,134,967 | 340,196 | 22,602 | 100,997 | 12,645 | 8,951 |  |
| Latin America and Other Western Hemisphere $\qquad$ Of which. | 688,777 | 299,839 | 28,816 | 40,912 | 37,134 | 1,827.5 | 560,556 | 245,569 | 26,000 | 59,361 | 39,564 | 35,261 | 1,444.4 |
| $\qquad$ | $\begin{array}{r} 128,207 \\ 97.540 \end{array}$ | $\begin{array}{r} 70,358 \\ 100,544 \end{array}$ | $\begin{aligned} & -269 \\ & 5,846 \end{aligned}$ | $\begin{array}{r} 4,070 \\ 30,279 \end{array}$ | $\begin{array}{r} 3,073 \\ 28,846 \end{array}$ | $\begin{aligned} & 411.5 \\ & 933.1 \end{aligned}$ | $\begin{aligned} & 90,625 \\ & 71,350 \end{aligned}$ | $\begin{aligned} & 55,248 \\ & 79,328 \end{aligned}$ | $\begin{array}{r} 880 \\ 4,805 \end{array}$ | $\begin{aligned} & 16,095 \\ & 17,146 \end{aligned}$ | $\begin{array}{r} 3,933 \\ 29,449 \end{array}$ | $\begin{array}{r} 3,002 \\ 27,558 \end{array}$ | $\begin{aligned} & 339.5 \\ & 729.2 \end{aligned}$ |
| Africa... | 50,744 | 31,566 | 2,839 | 1,032 | 1,761 | 218.6 | 37,664 | 23,895 | 2,242 | 9,365 | 945 | 1,758 | 114.2 |
| Middle East... | 51,402 | 29,259 | 23,278 | 797 | 1,260 | 92.8 | 18,404 | 13,618 | 1,343 | 5,427 | 733 | 882 | 47.6 |
| Asia and Pacific Of which: | 818,875 | 547,305 | 27,630 | 43,586 | 41,118 | 1,889.0 | 653.207 | 425,372 | 24,126 | 100,212 | 41,642 | 35,860 | 1,450.9 |
| Australia $\qquad$ <br> Japan. | $\begin{aligned} & 115,825 \\ & 341,266 \end{aligned}$ | $\begin{array}{r} 73,205 \\ 200,201 \end{array}$ | $\begin{aligned} & 3,312 \\ & 6,256 \end{aligned}$ | $\begin{array}{r} 4,485 \\ 13,606 \end{array}$ | $\begin{array}{r} 1,128 \\ 7,443 \end{array}$ | $\begin{aligned} & 309.1 \\ & 399.4 \end{aligned}$ | $\begin{aligned} & 100,368 \\ & 246,876 \end{aligned}$ | $\begin{array}{r} 59,941 \\ 125,063 \end{array}$ | $\begin{aligned} & 3,157 \\ & 4,848 \end{aligned}$ | $\begin{aligned} & 19,305 \\ & 30,761 \end{aligned}$ | $\begin{array}{r} 4,405 \\ 12,555 \end{array}$ | 1,121 2,447 | 249.4 212.4 |
| International. | 23,823 | 8,823 | 1,276 | (D) | 0 | 37.3 | 12,596 | 4,716 | 360 | 1,410 | 65 | 0 | 10.9 |
| By industry |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mining ....... | 227,580 | 79,944 | 13,161 | 2,189 | 7,140 | 155.5 | 196,002 | 71,113 | 11,395 | 40,910 | 1,979 | 6,606 | 133.7 |
| Utilities .... | 155,644 | 57,017 | 3.807 | 6 | (D) | 119.0 | 104,500 | 35,170 | 3,218 | 10,131 | 4 | 2 | 66.5 |
| Manufacturing Of which: | 1,135,726 | 1,273,075 | 80.586 | 150,279 | 168,073 | 4,900.4 | 956,228 | 1,096,394 | 54,376 | 312,419 | 145,721 | 156,437 | 4,244.5 |
|  | 69,568 | 93,404 | 3.898 | 2,687 | (0) | 376.4 | 63,349 | 84,924 | 3,624 | 19,222 | 2.598 | 4,129 | 334.2 |
| Chemicals............................................................. | 259,028 | 210,141 | 19,996 | 17,180 | 12,865 | 616.8 | 226,231 | 186, 383 | 18,584 | 58,380 | 16,159 | 12,258 | 552.5 |
| Primary and tabricated metals...... | 77,559 | 46,290 | +,897 | 2.942 | ${ }^{3,8964}$ | 240.1 | 48,969 | ${ }^{39} 96.627$ | 1,754 | 12,135 | 2,617 | 7,615 | 212.6 |
|  | 79,844 146,176 | 200,519 | 8,313 | 36,728 | 41,242 | 781.0 | 142,038 | 197,109 | 8,203 | 38,651 | 36,562 | 41,036 | 765.7 |
| Electrical equipment, appliances, and components ..... | 24,229 | 28,075 | 1,199 | 2,658 | 3,932 | 294.0 | 21,161 | 24.895 | 1.072 | 7,441 | 2.589 | 3,340 | 255.5 |
| Transportation equipment................................... | 183,174 | 282,090 | 7,043 | 67,020 | 78,108 | 943.2 | 151,882 | 241,451 | 6,299 | 48,364 | 65,352 | 70,463 | 839.4 |
| Whoiesale trade... | 318,086 | 599,641 | 19,989 | 48.176 | 16,518 | 658.1 | 299,388 | 543,867 | 18,682 | 82,132 | 47,326 | 16,366 | 620.0 |
| Intormation.......................................................... | 226,838 | 135,799 | 4,575 | 552 | 135 | 581.0 | 101,836 | 69,132 | 1,766 | 19,413 | 539 | 135 | 270.0 |
| Finance (except depository institutions) and insurance....... | 1,648,888 | 161,134 | 21,324 | 8 | 0 | 322.3 | 1,567,608 | 150,472 | 20,229 | 22.439 | 8 | 0 | 295.0 |
| Professional, scientific, and technical services.......... | 92,049 | 79,025 | 4,125 | 1,749 | 830 | 374.5 | 86,470 | 72,176 | 3,882 | 29,153 | 1,722 | 830 | 343.5 |
| Other industries ...................................................... | 823,371 | 201,666 | 51,501 | 5,890 | (D) | 1,796.3 | 729,566 | 157,002 | 46,942 | 44,561 | 5,615 | 907 | 1,497.6 |

[^23]U.S. Muttinational Companies: Preliminary Results From the 1999 Benchmark Survey" in the March 2002 issue of the Survey of Current Busiuess.

Table G.4. Foreign Direct Investment in the United States: Selected Items, by Country of Foreign Parent and by Industry of U.S. Affiliate, 1999-2001
[Millions of dollars]

|  | Direct investment position on a historical-cost basis |  |  | Capital inflows (outflows (-)) |  |  | Income |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1999 | 2000 | 2001 | 1999 | 2000 | 2001 | 1998 | 2000 | 2001 |
| All countries, all industries. | 955,726 | 1,214,254 | 1,321,063 | 283,376 | 300,912 | 124,435 | 46,385 | 52,465 | 15,965 |
| By country |  |  |  |  |  |  |  |  |  |
| Canada.. | 90,559 | 114,599 | 108,600 | 26,367 | 26,036 | 4,627 | 2,215 | 1,057 | -7,736 |
| Europe | 639,923 | 835,137 | 946,758 | 223,406 | 238,740 | 118,059 | 36,753 | 41,511 | 26,043 |
| Of which: France.. | 89.945 | 131.484 | 147,207 | 29,834 | 49.436 | 14,676 | 2,954 | 3.930 | 7,663 |
|  | 112,126 | 124,839 | 152,760 | 23,478 | 14,290 | 28,015 | 6,123 | 2.390 | -6,273 |
| Luxembourg ..................................................................... | 35,644 | 53,794 | 40,232 | 6.887 | 25,230 | -13,801 | 2,241 | 4,672 | 3.172 |
| Netherlands .................................................................... | 125,010 | 146,493 | 158,020 | ${ }^{41,689}$ | 32,599 | 15,171 | 7,299 | 8,990 | 4,368 |
|  | 52,973 153,797 | 69,240 213,820 | 125,521 217,746 | 2.503 108,566 | 16,697 75,654 | 51,959 14,226 | 2,844 11,899 | 4,13 14,046 | 1,816 11.823 |
| United Kingdom............................................................... |  |  | 217,746 | 108,566 | 75,654 | 14,226 |  | 14,046 | 11,823 |
| Latin America and Other Western Hemisphere..... | 40,771 | 54,463 | 58,881 | 16,929 | 12,253 | 954 | 2,397 | 2,407 | -1,399 |
|  |  |  |  |  |  |  |  |  |  |
| Mexico | 14,98 1,999 | 7,832 | 15.748 7 | 10,338 <br> 1,273 | 5,266 | -3,23 | 175 | $-458$ | $-1,602$ $-1,070$ |
| Panama... | 5,275 | 3,726 | 4,199 | -226 | -1,477 | 449 | 752 | 647 | 480 |
| United Kingdom Islands, Caribbean......................................... | 11,573 | 15,353 | 18,244 | 4,137 | 3,865 | 3,966 | 1,527 | †,829 | 118 |
| Atrica ................................................................................. | 1,361 | 2,756 | 3,264 | 423 | 652 | 407 | -66 | 6 | -193 |
| Middle East.............................................................................................. | 4,362 | 6,189 | 6,039 | 376 | 2,142 | -159 | 156 | 259 | 311 |
| Asia and Paciific | 178,749 | 201,170 | 197,522 | 15,876 | 21,088 | 547 | 4,93i | 7,225 | -1,060 |
| Of which: Australia ... | 15,616 | 20,701 | 23,488 | 4,193 | 5.963 | 3,649 | 643 |  |  |
| Japan............................................................................ | 153,815 | 163,577 | 158,988 | 11,555 | 7,773 | -1,550 | 4,006 | 5,825 | 169 |
| By industry |  |  |  |  |  |  |  |  |  |
| Petroleum... | 51,231 | 87,055 | 95,922 | 4,778 | 44,869 | 10,308 | 4,510 | 11,435 | 8,971 |
| Manutacturing. | 385,253 | 479,851 | 508,535 | 69,85t | 100,693 | 29,246 | 24,674 | 23,860 | 3.177 |
| Food and kindred products...................................... | 18,864 | 23,975 | 23,847 | -1,460 | 5.293 | -233 | 1,570 | 1,792 | 1,051 |
| Chemicals and allied draducts ..................................................... | 97,009 | 122,446 | 127,139 | 7.562 | 26,196 | 3,062 | 6,317 | 5.906 | 4,472 |
| Primary and fabricated metals... | 19,778 | 24,741 | 25,683 | 1,839 | 9,057 | -965 | $\pm$,083 | 1,320 | 802 |
| Machinery .......................................................................... | 92,038 | 151,237 | 166,198 | 39,483 | 40,040 | 14,695 | 2,181 | 6.847 | -6,444 |
| Other manufacturing............................................................. | 157,564 | 157,453 | 165.668 | 22,428 | 20.107 | 12,687 | 13,524 | 7,996 | 3,297 |
|  | 100,251 | 110,286 | 112,997 | 16,195 | 11,320 | 1,855 | 5,813 | 7,016 | 5,549 |
| Retail trade.. | 24,199 | 29,666 | 35,811 | 4,156 | 5,243 | 7,245 | 1,641 | 1,677 | 816 |
| Depository institutions ............................................................ | 61.756 | 68.128 | 78,094 | 19,326 | 9,672 | 8.427 | 2,994 | 3,948 | 3,370 |
| Finance, except depository institutions.... | 65,453 | 84,383 | 85,990 | 17,964 | 19,957 | 6,414 | 816 | 399 | -5,921 |
| Insurance... | 83,760 | 112,482 | 120,400 | 23,026 | 34,562 | 8,496 | 2,963 | 4,767 | 3,183 |
| Real estate.. | 40,209 | 42.682 | 44,163 | 2,492 | 998 | 1,873 | 1,075 | 2.291 | 1,095 |
| Services... | 64,335 | 109,504 | 125,660 | 21,675 | 60,539 | 14,718 | 1,873 | -920 | -1,853 |
| Other industries........................................................................ | 79,281 | 90,219 | 113,491 | 103,913 | 13,058 | 35,853 | 25 | -2,008 | -2,422 |

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

The data in this tabie are from tables 16 and 17 in "Foreign Direct Investment in the United States: Detail fon Historical-Cost Position and Related Capital and Income flows, 2001" in the Segtember 2002 issue of th
Surver of Cuspent Busimess.

Table G.5. Selected Financial and Operating Data of Nonbank U.S. Affiliates and Majority-Owned Nonbank U.S. Affiliates of Foreign Companies by Country of Ultimate Beneficial Owner and by Industry of Affiliate, 2000

|  | All nonbank affiliates |  |  |  |  |  |  | Majority-owned nonbank affiliates |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Millions of dollars |  |  |  | $\left\|\begin{array}{c} \text { Thousands } \\ \text { of } \\ \text { employees } \end{array}\right\|$ | Millions of dollars |  | Millions of doilars |  |  |  | $\begin{gathered} \text { Thousands } \\ \text { of } \\ \text { employees } \end{gathered}$ | Millions of dollars |  |
|  | Total assets | Sales | Net income | Gross product |  | $\begin{gathered} \text { U.S. } \\ \text { exports of } \\ \text { goods } \\ \text { shipped by } \\ \text { affiliates } \end{gathered}$ | U.S. <br> imports of goods shipped to affiliates | Total assets | Sales | Net income | Gross product |  | U.S. exports of goods shipped by affiliates | U.S. imports of goods shipped to affiliates |
| All countries, all industries By country | 4,847,267 | 2,334,692 | 30,641 | 522,238 | 6,429.2 | 165,321 | 366,647 | 4,180,503 | 2,053,022 | 22,086 | 449,396 | 5,562.6 | 151,521 | 348,741 |
| Canada ..... | 434,177 | 168,457 | -3,670 | 40,514 | 643.0 | 9,019 | 19,509 | 416,420 | 159,257 | -3,792 | 36,272 | 555.2 | 8,859 | 19,365 |
| Europe $\qquad$ of which: | 3,274,267 | 1,420,093 | 27,465 | 349,863 | 4,361.9 | 89,063 | 145,037 | 3,020,496 | 1,247,041 | 22,226 | 301,085 | 3,815.7 | 81,543 | 139,222 |
| Of whicri: | 469,643 | 193,135 | 2.516 | 57,762 | 648.8 | 15,194 | 16,294 | 390,343 | 144,432 | 2.765 | 38,854 | 401.0 | (D) | (D) |
| Germany........................................... | 572,565 | 320,249 | 3.186 | 57,995 | 729.8 | 32,770 | 53.080 | 558,092 | 308,197 | 2,730 | 54,033 | 691.4 | 32,167 | 52,740 |
| Netheriands......................... | 582, 734 | 254,092 | 4,965 | 46.620 | 56.4 | ${ }^{7} 7498$ | 21,895 | 560,755 | (D) | (1) | 42.641 | 546.9 | 7.214 | 21,827 |
| Sweden........................... | 66,738 695092 | $\begin{array}{r}42,435 \\ +13292 \\ \hline\end{array}$ | -214 | 11,096 39,924 | 234.2 | 4,003 6004 | (D) | 66,068 671046 | 41,520 | ${ }^{-1866}$ | 10,724 <br> 34 <br> 1015 | 225.5 | 3,982 | 4,696 |
| Switzerland <br> United Kingdom $\qquad$ $\qquad$ | 6951,092 734,634 | 132,392 <br> 363,251 | - 14,877 | 39,924 111,871 | 1,854.9 | 6,004 16,970 | r 85,5405 | 671,046 637,335 | 120,017 331,775 | 2,154 12,270 | 34,015 100,143 | 1,102.8 | 5,917 16,303 | -8,7731 |
| Latin America and Other Western Hemisphere.. of which: | 146,009 | 105,033 | -599 | 26,597 | 275.8 | 9,272 | 20,978 | 136,603 | 95,183 | -8t3 | 25,073 | 262.1 | 8,998 | 17,488 |
| Bermuda.......................... | 60,491 | 35.792 | -762 | 11,872 | 135.7 | (0) | 1,597 | 58,264 | 35,179 | -715 | 11,796 | 132.2 | (0) | 1,592 |
| Mexico $\qquad$ Panama | 19,507 1,679 | 16,278 1,238 | 46 18 | 2,952 | 57.2 6.8 | (D) | 3,291 | 18,080 1,563 | 14,977 1,170 | 110 6 | 2,759 | 53.8 6.7 | (0) | (D) f09 |
| United Kingdom Islands, Caribbean. <br> Venezuela. | 1,19 39,199 13,297 | 9,576 29,800 | $\begin{array}{r}-360 \\ -656 \\ \hline\end{array}$ | 1,673 <br> 6,480 | 34.1 8.3 | (D) | 1,947 10,590 | $\begin{array}{r} 38,679 \\ (\mathrm{D}) \end{array}$ | $\begin{gathered} 9,298 \\ (D) \end{gathered}$ | $\begin{array}{r} -348 \\ (\mathrm{D}) \end{array}$ | $\begin{array}{r} 1,584 \\ (0) \end{array}$ | 32.3 $H$ | (D) | 1,947 |
| Africa........ | 11,758 | 6,449 | 181 | 1,322 | 14.2 | 474 | 269 | (D) | (D) | (D) | 1,283 | 14.0 | (D) | 266 |
| Middle East ...................... | 29,912 | 16,011 | 568 | 3,150 | 50.9 | 802 | 1,846 | 27,434 | 14,301 | 489 | 2,434 | 38.1 | 789 | 1.758 |
| Asia and Pacific $\qquad$ Of which: | 705,084 | 576,943 | 1,072 | 89,282 | 1,019.5 | 54,686 | 177,721 | 557,549 | 513,157 | 3,868 | 77,928 | 848.2 | 48,943 | 169,450 |
| Australia.......................... | 69,095 | 31,948 | -643 | 9,319 | 83.3 | 1,428 | 1,438 | 60,519 | 25,605 | -741 | 7,909 | 69.6 | (9) | (D) |
| Japan................................ | 558,934 | 477,831 | 4,316 | 72,041 | 826.8 | 44,130 | 151,368 | 445,551 | 429,732 | 5,015 | 62,241 | 699.9 | 40,894 | 147,125 |
| United States ............................ | 246,060 | 41,707 | 5,625 | 11,510 | 63.9 | 2,004 | 1,287 | (D) | (0) | (D) | 5,320 | 29.4 | (D) | 1,192 |
| By industry ' |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Manufacturing .... | 1,108,046 | 979,597 | 11,796 | 237,032 | 2,658.3 | 101,248 | 149,875 | 1,000,442 | 852,164 | 10,985 | 217,358 | 2,441.9 | 91,048 | 134,932 |
| Of which: <br> Food.. |  |  |  | 11,018 | 147.6 |  | 4,398 | 44,099 | 45,567 | 296 | 10,631 | 140.8 | 2,374 | 4,377 |
| Chemicats........................ | 257,094 | 160,496 | 3,887 | 44,832 | 386.8 | 15,528 | 16,388 | 238,314 | 145, 362 | 3,195 | 40,821 | 356.7 | 14,295 | 16,099 |
| Primary and fabricated metals. | 65,699 | 66,282 | 1,244 | 17,282 | 219.2 | 4,930 | 7.719 | 57,252 | 57,196 | 669 | 15.069 | 204.9 | 4.125 | 6.830 |
| Machinery.............. | 66,528 | 54,207 | -885 | 15,506 | 230.6 | 6,735 | 7,849 | 64,744 | 52,612 | -36 | 15,323 | 223.6 | 6,545 | 7,375 |
| Computers and electronic products. | 173,303 | 129,225 | -4,847 | 28,705 | 337.4 | 19,329 | 37,731 | 137,673 | 117,587 | -3,755 | 27,229 | 305.3 | 14,645 | 30,463 |
| Electrical equipment, appliances, and |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| components $\qquad$ | 66,099 199695 | $\begin{array}{r} 60,221 \\ 205,220 \end{array}$ | 3,890 | $\begin{aligned} & 19,878 \\ & 35,016 \end{aligned}$ | $\begin{aligned} & 284.4 \\ & 390.8 \end{aligned}$ | $\begin{array}{r} 8,777 \\ 30,731 \end{array}$ | $\begin{array}{r} 4,284 \\ 46,806 \end{array}$ | $\begin{array}{r}65,680 \\ 192,444 \\ \hline\end{array}$ | 59,765 193,099 | 254 3.519 | $\begin{aligned} & 19,737 \\ & 32,277 \end{aligned}$ | 282.7 358.3 | 8,583 29.213 | 4,231 |
| Wholesale trade.. | 407,715 | 637,978 | 14,530 | 86,444 | 574.4 | 57,844 | 207,041 | 398,811 | 616,015 | 13,683 | 82,849 | 543.7 | 54,431 | 204,876 |
| Retail trade....................... | 74,259 | 114,977 | -279 | 24,676 | 674.4 | 1,535 | (0) | 60,826 | 102,648 | 163 | 22,346 | 603.5 | (D) | (D) |
| Intormation ........................... | 318,489 | 121,684 | -4,387 | 41,878 | 408.9 | 709 | 240 | 169,464 | 69,125 | -4,050 | 19,959 | 242.8 | 687 | 161 |
| Publishing industries...... | 71,021 | 35,582 | 98 | 13,764 | 139.2 | (D) | 127 | (D) | 30,415 | -385 | 10,695 | 122.8 | (D) | (D) |
| Broadcasting and telecommunications......... | 165,541 | 59,205 | -3,848 | 21,895 | 178.4 | 5 | (D) | 38,335 | 13,517 | -3,692 | 2,837 | 35.1 | (*) | 1 |
| Finance (except depository institutions) and insurance $\qquad$ | 2,472,481 | 243,337 | 10,543 | 41,433 | 291.8 | (*) | 5 | 2,162,327 | 211,823 | 3,396 | 33,260 | 252.0 | (*) | 5 |
| Real estate and rental and leasing | 122,797 | 25,691 | 1,33t | 10,936 | 49.5 | (D) | 649 | 110,543 | 22,589 | 1,069 | 9,418 | 38.7 | (D) | 649 |
| Protessional, scientitic, and technical services | 51,405 | 32,241 | -1,135 | 9,672 | 148.9 | 366 | 336 | 46,919 | 29,665 | -634 | 9,038 | 133.4 | 356 | 336 |
| Other industries...................... | 292,075 | 179,186 | -1,759 | 70,167 | t,623.1 | (D) | (D) | 231,172 | 148,994 | -2,527 | 55,169 | 1,306.7 | 3,242 | (D) |
| o Suppressed to avoid disclosure of data of individual companies. <br> *Less than $\$ 500,000$. <br> 1. The industry classification system used to ciassity the data for U.S. atriliates is based on the North American Industry Classification System. Prior to 1997, the affiliate data were classified using an industry classification system based on the |  |  |  |  |  |  | Nores. The data in this table are from BEA's annual survey of the operations of U.S. affiliates of foreign companies; see "U.S. Affiliates of Foreign Companies: Operations in 2000," in the August 2002 issue of the Surivey of CuRRENr Busness. Size ranges are given in employment cells that are suppressed. The size ranges are: A-1 to $499 ; ~ f-500$ to $999 ; G-$1,000 to 2,$499 ; 4-2,500$ to 4,$999 ;-5,000$ to 9,$999 ; \downarrow-10,000$ to 24,$999 ; \mathrm{K}-25,000$ to 49,$999 ; \mathrm{L}-50,000$ to 99,$999 ;$ |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## H. International Perspectives

The quarterly data in this table are shown in the middle month of the quarter.
Table H.1. International Perspectives

. All exchange rates are from the Board of Governors of the Federal Reserve System
2. Rates for selected euro-area currencies can be derived by using the following conversion rates: 1 euro $=$ 6.55957 French francs, 1.95583 German marks, and 1936.27 Italian lire.
3. The rate shown for the United States is an index or he weighted average of the foreign exchange value of the U.S. dollar against the currencies of a broad group of major U.S. trading partners, January 1997=100. For more information on the exchange rate indexes, see "New Summary Measures of the Foreign Exchange Value of
the Dollar," Federal Reserve Bulletin, vol. 84 (October 1998), pp. 811-18
Note. U.S. interest rates. unemployment rates, and GDP growth rates are from the Federal Reserve, the Bureau Labor Statistics, and BEA, respectively. GDP growth rates for other countries are calculated from levels which have been rebased to 1995 to facilitate comparison) are © OECD and are reproduced with permission.

## I. Charts

THE U.S. INTHE INTERNATIONAL ECONOMY


## Regional Data

## J. State and Regional Tables

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

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

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

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow{2}{*}{Area name} \& \multicolumn{2}{|r|}{1998} \& \multicolumn{4}{|c|}{1999} \& \multicolumn{4}{|c|}{2000} \& \multicolumn{4}{|c|}{2001} \& \multicolumn{2}{|c|}{2002} \& \multirow[t]{2}{*}{Percent change ${ }^{1}$
2002:1-
2002:11} <br>
\hline \& III \& IV \& 1 \& 11 \& III \& IV \& 1 \& II \& III \& IV \& 1 \& 11 \& III \& IV \& I \& II \& <br>
\hline United Stales .... \& 7,483,312 \& 7,568,387 \& 7,647,688 \& 7,715,358 \& 7,801,465 \& 7,953,533 \& 8,203,812 \& 8,340,348 \& 8,481,147 \& 8,569,877 \& 8,652,160 \& 8,669,921 \& 8,697,993 \& 8,692,940 \& 8,794,858 \& 8,904,969 \& 1.3 <br>
\hline New England.. \& 441,848 \& 447,023 \& 448,822 \& 454,620 \& 463,459 \& 472,177 \& 492,215 \& 499,073 \& 509,572 \& 516,386 \& 522,932 \& 520,678 \& 519,699 \& 518,451 \& 523,464 \& 530,833 \& 1.4 <br>
\hline Connecticut. \& 125,883 \& 127,594 \& 127,910 \& 129.499 \& 131,798 \& 133,841 \& 137,643 \& 140,059 \& 142,385 \& 144,518 \& 146,171 \& 145,566 \& 145,221 \& 144,408 \& 145,963 \& 147,755 \& 1.2 <br>
\hline Maine.................. \& 29,777
207,654 \& $\begin{array}{r}30,138 \\ 209727 \\ \hline\end{array}$ \& 29,793
211,381 \& $\begin{array}{r}30,378 \\ \mathbf{2 1 4 , 0 4 0} \\ \hline\end{array}$ \& $\begin{array}{r}31,263 \\ 218.268 \\ \\ \hline\end{array}$ \& $\begin{array}{r}31,126 \\ 223,600 \\ \hline\end{array}$ \& $\begin{array}{r}32,056 \\ 235,357 \\ \hline\end{array}$ \& 32,693
238,015 \& 33,022
244,559 \& 33,403
247339 \& 34,210

250,286 \& 34,276
248,478 \& 34,443
247,285 \& 34,608
246,759 \& 35,400
248,052 \& 35,861
251716 \& 1.3 <br>
\hline Massachusetts....... \& 207,654
35,736 \& 209,727
36,297 \& 211,381
36,212 \& 214,040
36,802 \& 218,268
37,547 \& 223,600
38,451 \& 235,357
40,723 \& 238,015
41,151 \& $\begin{array}{r}\text { 244,559 } \\ \hline 41,918\end{array}$ \& 247,339
42,728 \& 250,286
43,020 \& 248,48
42,93 \& 247,285
42,966 \& 246,759
42,965 \& 24,052
43,238 \& 251,76 \& 1.5 <br>
\hline Rhade Istand.... \& 27,914 \& 28,256 \& 28,319 \& 28,480 \& 28,927 \& 29,270 \& 30,152 \& 30,486 \& 30,968 \& 31,305 \& 31,868 \& 31,865 \& 32,200 \& 32,049 \& 32,946 \& 33,548 \& 1.8 <br>
\hline Vermont........ \& 14,884 \& 15,011 \& 15,208 \& 15,420 \& 15,657 \& 15,890 \& 16,283 \& 16,668 \& 16,720 \& 17,094 \& 17,378 \& 17,500 \& 17,583 \& 17,662 \& 17,866 \& 18,121 \& 1.4 <br>
\hline Mideast... \& 1,412,373 \& 1,421,284 \& 1,438,991 \& 1,445,865 \& 1,465,140 \& 1,480,655 \& 1,531,383 \& 1,563,518 \& 1,585,269 \& 1,617,843 \& 1,626,431 \& 1,623,587 \& 1,629,240 \& 1,628,390 \& 1,641,278 \& 1,664,095 \& 1.4 <br>
\hline Delaware \& 22,002 \& 22,222 \& 22,463 \& 22,464 \& 22,826 \& 23,243 \& 24,083 \& 24,518 \& 24,971 \& 25,495 \& 25,572 \& 25,796 \& 26,072 \& 25,972 \& 26,660 \& 27,114 \& 1.7 <br>
\hline District of Columbia \& 20,526 \& 20,574 \& 20,216 \& 20,348 \& 20,539 \& 20.900 \& 21,634 \& 22,012 \& 22.242 \& 22,743 \& 22,807 \& 23.036 \& 22,972 \& 23.019 \& 23,309 \& 23,612 \& 1.3 <br>
\hline Maryland. New Jersey \& 160,027
281,839 \& 161,960
283,122 \& 164,610
285,764 \& 165,981
286,113 \& 168,105
288,093 \& 170,286
295,277 \& 176,048
307,154 \& 178,670
315,871 \& $\begin{array}{r}181,761 \\ 319,804 \\ \hline\end{array}$ \& 184,933
326,553 \& 187,539

325,495 \& | 188,899 |
| :--- |
| 325,753 | \& 189,959

327,663 \& 190,170
327,982 \& 193,823
333,924 \& $\begin{array}{r}196,618 \\ 338,485 \\ \hline\end{array}$ \& 1.4 <br>
\hline New York... \& 595,243 \& 596,684 \& 608,705 \& 610,166 \& 622,436 \& 622,305 \& 645,590 \& 659,799, \& 668,911 \& 685',410 \& 688,789 \& 683,235 \& 683,650 \& 683,421 \& 676,465 \& 685, 853 \& 1.4 <br>
\hline Pernsylvania......... \& 332,736 \& 336,723 \& 337,232 \& 340,792 \& 343,141 \& 348,645 \& 356,874 \& 362,649 \& 367,581 \& 372,709 \& 376,229 \& 376,868 \& 378,925 \& 377,825 \& 387,098 \& 392,413 \& 1.4 <br>
\hline Greal Lakes \& 1,214,013 \& 1,228,958 \& 1,235,779 \& 1,245,648 \& 1,255,059 \& 1,277,147 \& 1,313,496 \& 1,328,376 \& 1,343,526 \& 1,350,276 \& 1,360,571 \& 1,363,568 \& 1,371,186 \& 1,366,898 \& 1,377,331 \& 1,392,795 \& 1.1 <br>
\hline 17inois... \& 365,576 \& 368,550 \& 367,926 \& 371,626 \& 373,645 \& 381,115 \& 391,540 \& 398,199 \& 404,792 \& 409,590 \& 412,233 \& 411,340 \& 413,747 \& 411,479 \& 414,141 \& $4+8,531$ \& 1.1 <br>
\hline Indiana.. \& 150,399 \& 152,112 \& 153,063 \& 153,571 \& 154,930 \& 158,111 \& 163,208 \& 165,511 \& 167,661 \& 166,879 \& 169,300 \& 169,454 \& 170,505 \& 170,282 \& 171,799 \& 173,182 \& 0.8 <br>
\hline Michigan. \& 264,078 \& 269,260 \& 272,781 \& 274,884 \& 277,349 \& 281,152 \& 291,320 \& 293,083 \& 295,077 \& 295,496 \& 295,990 \& 297,595 \& ${ }^{2988} 898$ \& 297,954 \& 297,935 \& 302,749 \& 1.6 <br>
\hline Ohio ..... \& 294,817 \& 298,672 \& 300,836 \& 302,825 \& 304,691 \& 309,709 \& 317,512 \& 319,216 \& 321,969 \& 322,811 \& 325,760 \& 327,376 \& 329,274 \& 328.568 \& 332.514 \& 335,314 \& 0.8 <br>
\hline Wisconsin. \& 139,143 \& 140,365 \& 141,174 \& 142,743 \& 144,443 \& 147,061 \& 149,917 \& 152,366 \& 154,027 \& 155,500 \& 157,288 \& 157,802 \& 158,761 \& 158,613 \& 160,942 \& 163,018 \& 1.3 <br>
\hline Plains.... \& 497,933 \& 503,371 \& 503.233 \& 507,623 \& 512,874 \& 524,706 \& 534,339 \& 545,868 \& 553,632 \& 556,687 \& 563,250 \& 565,003 \& 568,855 \& 568,720 \& 578,488 \& 583,397 \& 0.9 <br>
\hline lowa... \& 71,937 \& 72,789 \& 71,740 \& 71,928 \& 73,279 \& 74,699 \& 76,285 \& 77,775 \& 78,428 \& 78,673 \& 79,642 \& 79,761 \& 80,123 \& 80,046 \& 81,433 \& 81,570 \& 0.2 <br>
\hline Kansas.. \& 68,462 \& 69,095 \& 68,693 \& 69,121 \& 69,883 \& 72,143 \& 72,019 \& 73,888 \& 75,539 \& 75,049 \& 76,487 \& 76,689 \& 77,419 \& 77,296 \& 79,352 \& 80,342 \& 1.2 <br>
\hline Minnesota. \& 141,075 \& 143,235 \& 144,211 \& 146,001 \& 147,027 \& 150,326 \& 154,243 \& 157,886 \& 160,468 \& 162,672 \& 164,043 \& 164,370 \& 165,031 \& 164,912 \& 167,015 \& 168,648 \& 1.0 <br>
\hline Missouri.... \& 140,245 \& 141,130 \& 141,849 \& 142,888 \& 143,998 \& 146,698 \& 150,256 \& 153,412 \& 155,402 \& 156,248 \& 157,887 \& 158,423 \& 159,641 \& 159,673 \& 161,694 \& 162,788 \& 0.7 <br>
\hline Nebraska.. \& 43,858 \& 44,128 \& 44,309 \& 44.655 \& 45,472 \& 46,662 \& 46,575 \& 47,344 \& 48,034 \& 48,182 \& 48,973 \& 49,299 \& 49,751 \& 49,933 \& 51,174 \& 51,922 \& 1.5 <br>
\hline North Dakota. \& 14,808 \& 15,026 \& 14,543 \& 14,782 \& 14,760 \& 15,298 \& 15,738 \& 16,079 \& 16,167 \& 16,125 \& 16,318 \& 16,370 \& 16,565 \& 16,481 \& 17,051 \& 16,997 \& -0.3 <br>
\hline South Dakota. \& 17,547 \& 17,969 \& 17,889 \& 18,249 \& 18,454 \& 18,880 \& 19,223 \& 19,483 \& 19,593 \& 19,738 \& 19,899 \& 20,093 \& 20,326 \& 20,378 \& 20,749 \& 21,130 \& 1.8 <br>
\hline Southeast..., \& 1,655,282 \& 1,672,523 \& 1,694,819 \& 1,709,104 \& 1,721,949 \& 1,752,727 \& 1,800,702 \& 1,831,731 \& 1,856,700 \& 1,877,505 \& 1,900,422 \& 1,913,851 \& 1,922,485 \& 1,925,425 \& 1,953,978 \& 1,978,356 \& 1.2 <br>
\hline Alabama... \& 97,114 \& 98,104 \& 99,116 \& 100,033 \& 100,816 \& 102,163 \& 103,969 \& 105,585 \& 106,244 \& 107,387 \& 109,010 \& 109740 \& 110.160 \& 110,182 \& 111.548 \& 112,647 \& 1.0 <br>
\hline Arkansas. \& 54,106 \& 54,693 \& 55,160 \& 55,691 \& 56,110 \& 57,056 \& 58,101 \& 58,841 \& 59,956 \& 59,922 \& 61,041 \& 61,380 \& 61,843 \& 62,186 \& 63,205 \& 64,151 \& 1.5 <br>
\hline Florida.. \& 409,057 \& 411,861 \& 418,844 \& 423,249 \& 426,135 \& 430,674 \& 443,255 \& 451,126 \& 457,616 \& 464,427 \& 469,110 \& 474,193 \& 477,155 \& 478,044 \& 486,256 \& 492,621 \& 1.3 <br>
\hline Georgia.. \& 202,621 \& 205,842 \& 210,045 \& 211,956 \& 214,040 \& 219,127 \& 226,798 \& 230,687 \& 234,246 \& 236,983 \& 239,297 \& 240,495 \& 241,700 \& 242,091 \& 245,518 \& 248,826 \& 1.3 <br>
\hline Kentucky.. \& 88,993 \& 89,511 \& 89,526 \& 90,365 \& 91,305 \& 93,177 \& 96,405 \& 97.525 \& 98,850 \& 99.719 \& 100,591 \& 100,934 \& 101,980 \& 101,801 \& 103,011 \& 104,378 \& 1.3 <br>
\hline Louisiana. \& 98,137 \& 98,633 \& 98,029 \& 98,742 \& 98,949 \& 100,470 \& 101,992 \& 103,477 \& 104,421 \& 105,409 \& 107,745 \& 108.827 \& 110.406 \& 111,263 \& 112,945 \& 114,077 \& 1.0 <br>
\hline Mississippi... \& 55,540 \& 56,056 \& 56,052 \& 56,442 \& 57,225 \& 57,961 \& 58.835 \& 59,810 \& 60,357 \& 60,521 \& 61,795 \& 61,969 \& 62, 278 \& 62,611 \& 63,919 \& 64,731 \& 1.3 <br>
\hline North Carolina. \& 194,497 \& 196,993 \& 200,510 \& 202,258 \& 201,069 \& 207,140 \& 213,692 \& 217,427 \& 220,574 \& 222,454 \& 225,421 \& 225,430 \& 225,125 \& 224,959 \& 229,148 \& 231,609 \& 1.1 <br>
\hline South Carolin \& 87,748 \& 88,942 \& 89,545 \& 90,673 \& 91.618 \& 93,161 \& 95,281 \& 97,533 \& 98,439 \& 99,384 \& 100,888 \& 100,766 \& 101,537 \& 101,249 \& 102,694 \& 104,239 \& 1.5 <br>
\hline Tennessee .... \& 135,340
105 \& 136,750 \& 138,365 \& 140,368 \& 141,762 \& 143,971 \& 147,778 \& 149,624 \& 151,432 \& 152.544 \& 154,051 \& 154,840 \& 155,587 \& 155, 165 \& 158.609 \& 159,901 \& 0.8 <br>
\hline Virginia .... \& 195,117 \& 198,038 \& 202,601 \& 202,094 \& 205,299 \& 209,754 \& 215,897 \& 220,691 \& 224,854 \& 228,549 \& 230,703 \& 234,189 \& 233,312 \& 234,224 \& 234,826 \& 238,499 \& 1.6 <br>
\hline West Virginia......... \& 37,011 \& 37,102 \& 37,025 \& 37,234 \& 37,621 \& 38,072 \& 38,699 \& 39,405 \& 39,712 \& 40,206 \& 40,771 \& 41,096 \& 41,403 \& 41,651 \& 42,300 \& 42,678 \& 0.9 <br>
\hline Southwest... \& 743,768 \& 752,962 \& 758,063 \& 769,139 \& 777,229 \& 795,139 \& 819,645 \& 834,563 \& 850,355 \& 859,502 \& 672,148 \& 873,026 \& 878,644 \& 879,806 \& 888,385 \& 899,802 \& 1.3 <br>
\hline Arizona. \& 114,206 \& 116,148 \& 177,100 \& 119,715 \& 121,059 \& 123,155 \& 129,038 \& 129,392 \& 131,796 \& 133,700 \& 135,454 \& 137,088 \& 138,817 \& 137,895 \& 140,320 \& 141,674 \& 1.0 <br>
\hline New Mexico \& 37,003 \& 37,430 \& 37.149 \& 37,670 \& 37,882 \& 38,386 \& 38,837 \& 39,676 \& 40,025 \& 40,549 \& 41,543 \& 42,070 \& 42,709 \& 43,092 \& 43,957 \& 44,168 \& 0.5 <br>
\hline Oklahoma............. \& 75,165 \& 75,584 \& 76,271 \& 77,046 \& 77,503 \& 79,075 \& 80,578 \& 82,405 \& 84,030 \& 85.127 \& 86,002 \& 86,432 \& 87,104 \& 87.460 \& 88,664 \& 90,107 \& 1.6 <br>
\hline Texas.... \& 517,394 \& 523,800 \& 527,543 \& 534,708 \& 540,784 \& 554,524 \& 571,192 \& 583,090 \& 594,50 \& 600,126 \& 609,149 \& 607,435 \& 610,014 \& 611,359 \& 615,445 \& 623,852 \& 1.4 <br>
\hline Rocky Mountain......... \& 225,131 \& 228.817 \& 232,570 \& 235,012 \& 238,695 \& 245,840 \& 251,980 \& 259,380 \& 264,940 \& 268,028 \& 270,446 \& 271,647 \& 272,192 \& 271,659 \& 274,418 \& 277,603 \& 1.2 <br>
\hline Coiorado. \& 119,336 \& 121,719 \& 124,591 \& 126,788 \& 128,293 \& 133,095 \& 136,267 \& 141,628 \& 145,827 \& 147.285 \& 148,326 \& 148,167 \& 147,797 \& 147,150 \& 147,774 \& 150,422 \& 1.8 <br>
\hline Idaho..... \& 27,249 \& 27,640 \& 28,339 \& 28,587 \& 29,006 \& 29,790 \& 30,631 \& 31,195 \& 31,504 \& 31,925 \& 32,235 \& 32,484 \& 32,697 \& 32,684 \& 33,502 \& 33,566 \& 0.2 <br>
\hline Montana. \& 19,082 \& 19,237 \& 19,094 \& 19,330 \& 19,218 \& 19,878 \& 20,173 \& 20,525 \& 20,909 \& 21,103 \& 21,386 \& 21,633 \& 21,947 \& 21,726 \& 22,035 \& 22,218 \& 0.8 <br>
\hline Utah .... \& 47,204 \& 47,855 \& 47,896 \& 48,564 \& 49,263 \& 49,968 \& 51,505 \& 52,431 \& 52,960 \& 53,593 \& 54,280 \& 54,918 \& 55,070 \& 55,267 \& 55,955 \& 56,162 \& 0.4 <br>
\hline Wyoming .............. \& 12,261 \& 12,367 \& 12,649 \& 12,744 \& 12,915 \& 13,110 \& 13,404 \& 13,602 \& 13,739 \& 14,123 \& 14,219 \& 14,445 \& 14,681 \& 14,831 \& 15,152 \& 15.234 \& 0.5 <br>
\hline Far West \& 1,292,963 \& 1,313,449 \& 1,335,412 \& 1,347,348 \& 1,367,061 \& 1,405,142 \& 1,460,052 \& 1,471,839 \& 1,517,153 \& 1,523,649 \& 1,535,960 \& 1,538,552 \& 1,535,698 \& 1,533,591 \& 1,557,535 \& 1,578,889 \& 1.3 <br>
\hline Alaska. \& 17,157 \& 17,368 \& 17,399 \& 17,474 \& 17,501 \& 17,907 \& 18,459 \& 18,659 \& 18,920 \& 19,056 \& 19,337 \& 19,650 \& 19,780 \& 19,798 \& 20,328 \& 20,535 \& 1.0 <br>
\hline California. \& 939,960 \& 956,511 \& 972,756 \& 984,034 \& 996,943 \& 1,025,715 \& 1,068,886 \& 1,084,368 \& 1,120,994 \& 1,123,250 \& 1,131,361 \& 1,128,323 \& 1,126,393 \& 1,126,948 \& 1,140,963 \& 1,156,811 \& 1.4 <br>
\hline Hawaii..... \& 31,869 \& 32,084 \& 32,087 \& 32,322 \& 32,881 \& 33,002 \& 33,569 \& 34,262 \& 34,425 \& 34,976 \& 35,375 \& 35,411 \& 35,684 \& 35,569 \& 36,556 \& 36,807 \& 0.7 <br>
\hline Nevada., \& 52,667 \& 53,841 \& 54,378 \& 54,834 \& 55,301 \& 56,806 \& 58,248 \& 59,720 \& 60,455 \& 61,367 \& 62,313 \& 63,059 \& 63,712 \& 62,781 \& 64,308 \& 65,696 \& 2.2 <br>
\hline Oregon... \& 85,733 \& 86,876 \& 87,527 \& 88,410 \& 89,299 \& 91.099 \& 93,544 \& 95,043 \& 96,457 \& 96,578 \& 97,776 \& 97.723 \& 97,903 \& 97,851 \& -99,386 \& 100,794 \& 1.4 <br>
\hline Washington........... \& 165,577 \& 166,768 \& 171,264 \& 170,273 \& 175,136 \& 180,613 \& 187,344 \& 185,786 \& 185,901 \& 188,422 \& 189,797 \& 194,386 \& 192,225 \& 190,644 \& 195,993 \& 197,446 \& 0.7 <br>

\hline \multicolumn{18}{|l|}{\multirow[t]{3}{*}{| 1. Percent change was calculated from unrounded data. |
| :--- |
| Note. The personal income level shown for the United States is derived as the sum of the State estimates. It differs from the estimate of personal income in the nationat income and product accounts (NIPA's) because of differences in coverage, in the methodologies used to prepare the estimates, and in the timing of the availability of source data. In particular, it differs |
| from the NIPA estimate because, by definition, it omits the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms. |
| Source: Table 1 in "Personal Income by State, Second Quarter 2002 " in the November 2002 issue of the Sufvey of Curpent Busmess. |}} <br>

\hline \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline
\end{tabular}

Table J.2. Annual Personal Income and Per Capita Personal Income for States and Regions

| Area name | Personal income |  |  |  |  |  |  | Per capita personal income ${ }^{1}$ |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mililions of dollars |  |  |  |  |  | Percent change ${ }^{2}$ | Dollars |  |  |  |  |  | Rank inU.S. |
|  | 1996 | 1997 | 1998 | 999 | 000 | 2001 |  | 1996 | 1997 | 1998 | 199 | 2000 | 2001 |  |
| United States | 6,538,103 | 6,928,545 | 7,418,497 | 7,779,511 | 8,398,796 | 8,678,255 | 3.3 | 24,270 | 25,412 | 26,893 | 27,880 | 29,770 | 30,472 |  |
| New England. | 384,144 | 408,231 | 437,134 | 459,770 | 504,311 | 520,440 | 3.2 | 28,340 | 29,924 | 31,829 | 33,226 | 36,167 | 37,115 |  |
| Connecticut. ........................ | 109,354 | 116,421 | 124,880 | 130,762 | 141,15t | 145, 341 | 3.0 | 32,773 | 34,759 | 37,108 | 38,614 | 41,392 | 42,435 |  |
| Maine. | 26,434 | 27,773 | 29,469 | 30,640 | 32.793 | 34,384 | 4.9 | 21,163 | 22,134 | 23,404 | 24,187 | 25,681 | 26,723 | 35 |
| Massachus | 180,237 | $\begin{array}{r}191,596 \\ 32 \\ \hline\end{array}$ | 205,176 | 216.822 3 3 | 241.318 | 248,202 | 2.9 | 29,166 | 30,773 | 32,714 | 34,322 | 37,960 | 38,907 | 2 |
| New Hampshire | 30,288 24,818 | 32,397 26,293 | 35,98 27 | 38,749 28 | 30,728 | - 31,995 | 4.1 | 24,310 | 25,643 | 26,837 | 27,632 | 29,258 | 30,215 | 16 |
| Vermont.... | 13,073 | 13,752 | 14,738 | 15,544 | 16,691 | 17,531 | 5.0 | 22.019 | 23,026 | 24,547 | 25,705 | 27,376 | 28,594 | 26 |
| Mideast. | 1,255,345 | 1,315,810 | 1,400,562 | 1,457,663 | 1,574,504 | 1,626,912 | 3.3 | 27,661 | 28,868 | 30,565 | 31,616 | 33,956 | 34,968 |  |
| Delaware. | 19,369 | 20,145 | 21,879 | 22,749 | 24,767 | 25,853 | 4.4 | 26,140 | 26,807 | 28,662 | 29,354 | 31,500 | 32,472 | 1 |
| District of Columbia | 18.517 | 19,135 | 20,255 | 20.501 | 22,158 | 22.959 | 3.6 | 32,352 | 33,704 | 35,836 | 35,953 | 38,801 | 40,150 |  |
| Maryland. | 140,809 | 148,826 | 158,501 | 167,246 | 180,353 | 189,142 | 4.9 | 27,545 | 28,857 | 30,455 | 31,829 | 33,959 | 35,188 | 5 |
| New Jersey ......................... | 246,659 | 260,705 | 278,788 | 288.812 | 317,346 | 326,723 | 3.0 | 30,266 | 31.720 | 33,640 | 34,549 | 37,649 | 38,509 | 3 |
| rk $\qquad$ | 530,990 299,001 | 553,543 | 590,406 330,733 | 615,903 342,452 | 664,927 364,953 | $\begin{array}{r}684,774 \\ 377.461 \\ \hline\end{array}$ | 3.4 | 24,467 | 29,6635 | 27,478 | 27,924 | ${ }^{35,716}$ | 36,019 30,720 | 15 |
| Great Lakes.. | 1,079,799 | 1,138,557 | 1,206,886 | 1,253,408 | 1,333,919 | 1,365,555 | 2.4 | 24,408 | 25,589 | 26,983 | 27,873 | 29,505 | 30,103 |  |
| Ilinois. | 322,790 | 340,594 | 362,081 | 373,578 | 401,030 | 412,200 | 2.8 | 26,672 | 27,950 | 29,505 | 30,227 | 32,248 | 33,023 | 9 |
| Indiana. | 132,890 | 139,459 | 149,318 | 154,919 | 165,815 | 169.885 | 2.5 | 22,501 | 23,418 | 24,891 | 25,628 | 27,228 | 27,783 | 31 |
| Michigan | 238,095 | 250,216 | 264,520 | 276,541 | 293,744 | 297.609 | 1.3 | 24,398 | 25,509 | 26,860 | 27,942 | 29,516 | 29,788 | 18 |
| Ohio. | 264,162 | 279,367 | 293,208 | 304,515 | 320,377 | 327,745 | 2.3 | 23,496 | 24,772 | 25,921 | 26,864 | 28,202 | 28,816 | 4 |
| Wisconsin | 121,864 | 128,920 | 137,759 | 143,855 | 152,953 | 158,116 | 3.4 | 23,301 | 24,481 | 26,004 | 26,976 | 28,471 | 29,270 | 20 |
| Plains... | 439,948 | 462,173 | 493,714 | 512,109 | 547,631 | 566,457 | 3.4 | 23,520 | 24,517 | 26,001 | 26,769 | 28.429 | 29,313 |  |
| lowa. | 64,696 | 67.938 | 71.280 | 72,912 | 77,790 | 79,893 | 2.7 | 22,464 | 23,499 | 24,555 | 24,990 | ${ }^{26,572}$ | 27,331 | 33 |
| Kansas. | 60,074 | 63,728 | 67,896 | 69,960 | 74,124 | 76,973 164,589 | 3.8 | 22,977 | 24,182 | 25,519 | 26,121 | 27,537 | 28,565 | 8 |
| Minnesota | 122.080 123,992 | -139,020 | +140,031 | 146,891 <br> 143,858 <br> 1 | 158,817 153,830 | -188,906 | 3.6 | 22,828 | ${ }_{23,926}$ | 25,171 | 25,865 | 27,452 | 28,226 | 8 |
| Nebraska | 39,618 | 40,724 | 43,313 | 45,274 | 47,534 | 49,489 | 4.1 | 23,670 | 24,148 | 25,541 | 26,558 | 27,756 | 28,886 | 23 |
| North Dakota | 13,607 | 13,332 | 14,709 | 14,846 | ${ }^{16,027}$ | 16,434 | 2.5 | 20,921 | 20,520 | 22,716 | 23,443 | 25,007 | 25,902 | 37 |
| South Dakota. | 15,883 | 16,288 | 17,497 | 18,368 | 19,509 | 20,174 | 3.4 | 21,399 | 21,885 | 23,453 | 24,477 | 25,823 | 26,664 | 36 |
| Southeast. | 1,445,912 | 1,532,165 | 1,639,428 | 1,719,649 | 1,841,660 | 1,915,549 | 4.0 | 22,038 | 22,986 | 24,242 | 25,079 | 26,501 | 27,246 |  |
| Alabama... | 87.221 | 91,284 | 96,481 | ${ }^{10,502}$ | 105.796 | 109,773 |  |  | 20.899 |  |  |  |  | 43 |
| Arkansas. | 48,700 355,136 | 51,055 | $\begin{array}{r}53,784 \\ 405,146 \\ \hline\end{array}$ | 56,004 424,726 | 59,205 454,106 | 61,613 474,626 | 4.5 | 18,934 23,909 | 19,688 | 20,479 26.161 | 21,119 2651 | 22,108 | 22,887 28,947 | 48 22 |
| Florida | - 172,935 | - 183,757 | 200, 104 | 424,796 213,92 | 232,179 | 44, <br> 20,696 | 3.8 | 23,055 | 23,911 | 25,447 | 26.571 | $28,2+2$ | 28.733 | 25 |
| Kentucky. | 78,221 | 82.927 | 88,148 | 91,093 | 98,125 | 101,326 | 3.3 | 19,957 | 20.979 | 22,118 | 22,671 | 24,244 | 24,923 | 40 |
| Louisiana. | 87,879 | 92,286 | 97,458 | 99.047 | 103,824 | 109,560 | 5.5 | 19,978 | 20.874 | 21,948 | 22,204 | 23,227 | 24,535 | 44 |
| Mississippi | 48,898 | 51,598 | 55,072 | 56,920 | 59,881 | 62.163 | 3.8 | 17,793 | 18,580 | 19,635 | 20,124 | 21,017 | 21,750 | 50 |
| North Carolina | 167.638 | 179,691 | 192,577 | 202,744 | 218,537 | 225,234 | 3.1 | 22,350 | 23,468 | 24.661 | 25,504 | 27,055 | 27,514 | 32 |
| South Carolina | 76,287 | 81,045 | 86,672 | 91,249 | 97,659 | 101,120 | 3.5 | 20,096 | 20.998 | 22,115 | 22,958 | 24,273 | 24,886 | 41 |
| tennessee. Virginia .... | 119.287 169938 | 125,457 180,190 | 134,241 193,007 | 141,117 204, 937 | 150,344 <br> 22.498 | 154,911 233,107 | 3.0 | 22, 2173 | 22,814 | 24,101 | 29,026 | 26,367 | ${ }^{26,988}$ | 34 12 1 |
| West Virginia .......................... | 33,771 | 35,202 | 36,738 | 37,488 | 39,506 | 41,230 | 4.4 | 18,527 | 19,351 | 20,234 | 20,691 | 21,861 | 22,881 | 49 |
| Southwest... | 624,034 | 677,462 | 736,392 | 774,892 | 841.016 | 875,906 | 4.1 | 21,504 | 22,868 | 24,352 | 25,137 | 26,796 | 27,439 |  |
| Arizona | 95,787 | 103,702 | 122,895 | 120,257 | 130,982 | 137.314 | 4.8 | 20,883 | 21,892 | 23,118 | 23,937 | 25,358 | 25,872 | 38 |
| New Mexico | 33,232 | 34,860 | 36,857 | 37772 | 39,772 | 42,354 | 6.5 | 18,964 | 19,641 | 20,551 | ${ }^{20,891}$ | 21,837 | 23,155 | 47 |
| Oklahoma ............................ | 66,289 428,726 | 69,951 468950 | $\begin{array}{r}\text { 74,677 } \\ 5112964 \\ \hline\end{array}$ | 77,474 53939 | 83,035 587228 5 | 86,750 609,489 | 4.5 3.8 | 19,846 22,167 | 20,739 23,756 | 25,930 | 22, 2237 | 24,046 | 28,071 | 39 27 |
| Rexas .......... | 428,26 | 206,847 | 21,33,322 | -238,279 | 261,082 | 271,486 | 4.0 | 22,432 | 23,651 | 25,041 | 26,200 | 28,190 | 28,859 |  |
| Colorado... | 100,012 | 108,765 | 118,413 | 128,192 | 142,752 | 147,860 | 3.6 | 25,514 | 27,067 | 28,764 | 30,334 | 33,018 | 33,470 | 7 |
| Idaho ... | 24,173 | 25,226 | 27,066 | 28,931 | 31,314 | 32,525 | 3.9 | 20,093 | 20,534 | 21,612 | 22,679 | 24,101 | 24,621 | 42 |
| Montana. | 16,992 | 17,726 | 18,942 | 19,380 | 20,678 | 21,673 | 4.8 | 19,173 | 19,920 | 21,225 | 21.593 | 22,895 | 23,963 | 46 |
| Utah | 40,354 | 43,696 | 46,772 | 48,923 | 52,622 | 54,884 | 4.3 | 19,514 | 20.613 | 21,594 | 22,202 | 23.476 | 24,180 | 45 |
| Wyoming ............................. | 10,609 | 11,433 | 12,129 | 12,855 | 13,717 | 14,544 | 6.0 | 21,732 | 23,360 | 24,714 | 26,139 | 27,767 | 29,416 | 19 |
| Far West.... | 1,116,779 | 1,187,299 | 1,281,057 | 1,363,741 | 1,494,673 | $1,535,950$ | 2.8 | 25,201 | 26,353 | 27,972 | 29,324 | 31,669 | 32,047 |  |
| California | 812,404 | 861,557 | 931,564 | 994,862 | 1,099,375 | 1,128,256 | 2.6 | 25,373 | 26,521 | 28,240 | 29,698 | 32,334 | 32,702 | 10 |
| Hawail.. | 30,393 | 31,218 | 31,841 | 32,573 | 34,308 | 35,510 | 3.5 | 25,249 | 25,765 | 26,201 | 26,913 | 28,301 | 29,002 | 21 |
| Nevada... | 43, | 47,258 | 52.017 | 55,330 | 59,948 95406 | 62,966 | 5.0 | 26.004 | 26.789 | 28.069 | 28.598 | 29.696 | 298987 | 17 |
| Washington ................................. | $139,328$ | $\begin{array}{r} 80,575 \\ 150,203 \end{array}$ | r $\begin{array}{r}\text { 863,305 }\end{array}$ | 174,321 | $186,863$ | 191,763 | 2.6 | 25,015 | 24,489 | 28,446 | 29,836 | 31,627 | 28,105 32,025 | 30 13 |

1. Per capita personal income was computed using midyear population estimates of the Bureau of the Census.
2. Percent change was calculated from unrounded data

Note. The personal income level shown for the United States is derived as the sum of the State accounts (NPA's) because of differences in coverage in the methodologies used to prepare the
estimates, and in the timing of the availability of source data. In particular, it differs from the NIPA estimate because, by definition, it omits the earnings of Federal civilian and military personnel tationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms. Source: Table 1 "State Personal Income, Revised Estimates for 1999-2001" in the October 002 issue of the Survey of Current Busimess.

Table J.3. Disposable Personal Income and Per Capita Disposable Personal Income for States and Regions

| Area name | Disposable personal income |  |  |  |  |  |  | Per capita disposable personal income ${ }^{1}$ |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Millions of dollars |  |  |  |  |  | Percent Change ${ }^{2}$ | Doilars |  |  |  |  |  | Rank in U.S. |
|  | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 |  | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 |  |
| United States | 5,669,393 | 5,960,749 | 6,349,151 | 6,621,480 | 7,113,559 | 7,387,363 | 3.8 | 21,045 | 21,863 | 23,016 | 23,729 | 25,214 | 25,939 |  |
| New Engtant | 326,543 | 342,605 | 364,015 | 379,838 | 410,306 | 428,879 | 4.5 | 24,091 | 25,114 | 26,505 | 27,450 | 29,425 | 30,586 |  |
| Connecticut | 91,536 | 95,724 | 101,699 | 105,830 | 112,817 | 117,239 | 3.9 | 27,433 | 28,580 | 30,219 | 31,252 | 33,083 | 34,230 | 1 |
| Maine. | 23,257 | 24,200 | 25,480 | 26,400 | 28,111 | 29,593 | 5.3 | 18,620 | 19,286 | 20,236 | 20,839 | 22,014 | 23,000 | 37 |
| Massachusetts | 151,896 | 159,674 | 169,596 | 177,269 | 193,290 | 202,402 | 4.7 | 24,580 | 25,646 | 27.041 | 28,061 | 30,406 | 31,728 | 3 |
| New Hampshire | 26,610 | 28,200 | 30,578 | 32,116 | 35,516 | 37,003 | 4.2 | 22,652 | 23,709 | 25,356 | 26,282 | 28,645 | 29,387 | 6 |
| R hode Island .... | 21.780 | 22,851 | 23,898 | 24,787 | 26,237 | 27,503 | 4.8 | 21,334 | 22,286 | 23,176 | 23,824 | 24,982 | 25,973 | 16 |
| Vermont. | 11,463 | 11,955 | 12,764 | 13,436 | 14,336 | 15,139 | 5.6 | 19,308 | 20,018 | 21,258 | 22,220 | 23,513 | 24,693 | 25 |
| Mideast. | 1,073,172 | 1,114,511 | 1,178,249 | 1,217,422 | 1,309,804 | 1,360,181 | 3.8 | 23,647 | 24,452 | 25,714 | 26,405 | 28,247 | 29,235 |  |
| Delaware. | 16,547 | 16,987 | 18,470 | 19,202 | 20,935 | 21,967 | 4.9 | 22,332 | 22,605 | 24,196 | 24,777 | 26,628 | 27,591 | 10 |
| District of Columbia | 15,862 | 16,120 | 16,921 | 16,795 | 18,024 | 18,782 | 4.2 | 27,712 | 28,393 | 29,937 | 29,454 | 31,562 | 32,845 |  |
| Maryland | 119,755 | 125,597 | 133,060 | 140,126 | 150,250 | 158,291 | 5.4 | 23,426 | 24,353 | 25,566 | 26,668 | 28,291 | 29,449 | 5 |
| New Jersey | 211,334 | 220,964 | 234,080 | 240,089 | 262,179 | 272,356 | 3.9 | 25,932 | 26,885 | 28,245 | 28,720 | 31,104 | 32,101 | 2 |
| New York.... | 450,040 | 464,468 | 491,784 | 507,736 | 546,368 | 565,238 | 3.5 | 24,211 | 24,896 | 26,220 | 26,889 | 28,772 | 29,732 | 4 |
| Pennsylvania | 259,634 | 270,375 | 283,933 | 293,475 | 312,047 | 323,546 | 3.7 | 21,246 | 22,111 | 23,186 | 23,930 | 25,406 | 26,332 | 15 |
| Great Lakes.. | 930,464 | 975,464 | 1,029,255 | 1,067,782 | 1,138,249 | 1,167,753 | 2.6 | 21,032 | 21,924 | 23,011 | 23,745 | 25,177 | 25,742 |  |
| Illinois... | 278,447 | 291,507 | 307,987 | 316.463 | 339,330 | 349,489 | 3.0 | 23,008 | 23,922 | 25,097 | 25,606 | 27,286 | 27,999 | 8 |
| Indiana.. | 114,831 | 119,826 | 128,475 | 133,378 | 143,459 | 147,316 | 2.7 | 19,443 | 20,121 | 21,417 | 22,064 | 23,557 | 24,092 | 30 |
| Michigan | 204,949 | 214,500 | 225,186 | 235,489 | 251,045 | 254,749 | 1.5 | 21,002 | 21,868 | 22,866 | 23,794 | 25,226 | 25,498 | 18 |
| Ohio. | 227,746 | 239,900 | 250,838 | 260,567 | 273,908 | 280,623 | 2.5 | 20,257 | 21,273 | 22,175 | 22,987 | 24,112 | 24,673 | 26 |
| Wisconsin | 104,491 | 109,732 | 116,768 | 121,886 | 130,508 | 135,576 | 3.9 | 19,979 | 20,837 | 22,041 | 22,856 | 24,293 | 25,098 | 21 |
| Plains. | 382,827 | 399,625 | 425,703 | 441,836 | 471,343 | 488,468 | 3.6 | 20,466 | 21,199 | 22,420 | 23,096 | 24,469 | 25,278 |  |
| lowa. | 56,896 | 59,294 | 62,181 | 63,449 | 67,935 | 69,760 | 2.7 | 19,756 | 20,509 | 21,421 | 21,747 | 23,206 | 23,864 | 33 |
| Kansas. | 52,367 | 55,113 | 58,652 | 60,275 | 63,777 | 66,307 | 4.0 | 20,029 | 20,913 | 22,045 | 22,505 | 23,694 | 24,607 | 28 |
| Minnesota | 103,586 | 109,183 | 118,006 | 124,709 | 133,731 | 139,216 | 4.1 | 21,980 | 22,921 | 24,516 | 25,589 | 27,120 | 27,998 | 9 |
| Missouri. | 108,364 | 114,001 | 120,352 | 124,478 | 133,054 | 137.633 | 3.4 | 19,951 | 20,799 | 21,796 | 22,380 | 23,745 | 24,448 | 29 |
| Nebraska . | 34,932 | 35,531 | 37,620 | 39,248 | 41,068 | 42,868 | 4.4 | 20,871 | 21,069 | 22,184 | 23,022 | 23,980 | 25,022 | 23 |
| North Dakota | 12,226 | 11,853 | 13,143 | 13,245 | 14,302 | 14,635 | 2.3 | 18,798 | 18,244 | 20,297 | 20,558 | 22,315 | 23,068 | 36 |
| South Dakota | 14,456 | 14,650 | 15,748 | 16,432 | 17,475 | 18,049 | 3.3 | 19,477 | 19,684 | 21,109 | 21,897 | 23,130 | 23,856 | 34 |
| Southeast.. | 1,269,457 | 1,336,061 | 1,423,978 | 1,490,466 | 1,594,045 | 1,661,737 | 4.2 | 19,348 | 20,044 | 21,056 | 21,737 | 22,938 | 23,636 |  |
| Alabama. | 77,079 | 80,342 | 84,855 | 88,376 | 93,060 | 96,677 | 3.9 | 17,797 | 18,394 | 19,265 | 19,949 | 20,905 | 21,655 | 42 |
| Arkansas | 43,230 | 45,063 | 47,302 | 49,265 | 51,959 | 54,192 | 4.3 | 16,807 | 17,325 | 18,011 | 18,577 | 19,402 | 20,130 | 49 |
| Florida | 312,805 | 329,682 | 351,912 | 368,190 | 391,323 | 410,136 | 4.8 | 21,060 | 21,709 | 22,724 | 23,363 | 24,375 | 25.014 | 24 |
| Georgia. | 150, 182 | 158,350 | 171,711 | 183,084 | 198,513 | 206,772 | 4.2 | 20,021 | 20.605 | 21.836 | 22,755 | 24,121 | 24,663 | 27 |
| Kentucky. | 68,160 | 71.915 | 76,215 | 78.557 | 84,884 | 87,686 | 3.3 | 17,390 | 18,194 | 19,124 | 19,551 | 20,972 | 21,568 | 43 |
| Louisiana. | 78,079 | 81,431 | 86.139 | 87,744 | 91,807 | 96,994 | 5.6 | 17,750 | 18,419 | 19,399 | 19,670 | 20,539 | 21,721 | 41 |
| Mississippi. | 43,943 | 46,245 | 49,256 | 50,865 | 53,590 | 55,779 | 4.1 | 15,990 | 16,653 | 17,561 | 17,984 | 18,810 | 19,517 | 50 |
| North Carolina | 145,935 | 155,311 | 165,760 | 174,214 | 187,686 | 194,234 | 3.5 | 19,456 | 20,284 | 21,226 | 21,915 | 23,236 | 23,727 | 35 |
| South Carolina | 66,986 | 70,880 | 75,481 | 79,457 | 85,289 | 88,456 | 3.7 | 17,646 | 18,364 | 19,259 | 19,991 | 21,198 | 21,771 | 40 |
| Tennessee.. | 106,568 | 111,632 | 119,346 | 125,616 | 134,141 | 138,241 | 3.1 | 19,674 | 20,300 | 21,426 | 22,278 | 23,525 | 24,084 | 31 |
| Virginia ... | 146,489 | 154,028 | 163,510 | 171,953 | 186,890 | 196,098 | 4.9 | 21,699 | 22,554 | 23,694 | 24,564 | 26,308 | 27,282 | 12 |
| West Virginia ......................... | 30,007 | 31,182 | 32,491 | 33,144 | 34,902 | 36,472 | 4.5 | 16,459 | 17,141 | 17,895 | 18,294 | 19,314 | 20,241 | 48 |
| Southwest | 552,859 | 596,546 | 645,743 | 679,123 | 733,704 | 767,047 | 4.5 | 19,051 | 20,137 | 21,354 | 22,030 | 23,377 | 24,029 |  |
| Arizona | 83,726 | 90,217 | 97,615 | 103,776 | 112,945 | 119,007 | 5.4 | 18,253 | 19,045 | 19,989 | 20,657 | 21,866 | 22,423 | 38 |
| New Mexico | 29,502 | 30,758 | 32,496 | 33,215 | 34,781 | 37,173 | 6.9 | 16,836 | 17,330 | 18,119 | 18,370 | 19,097 | 20,322 | 47 |
| Oklahoma ... | 58,473 | 61,222 | 65,310 | 67,744 | 72,462 | 75,846 | 4.7 | 17,506 | 18,151 | 19,179 | 19,709 | 20,984 | 21,920 | 39 |
| Texas | 381,159 | 414,349 | 450,321 | 474,388 | 513,516 | 535,022 | 4.2 | 19,708 | 20,990 | 22,340 | 23,075 | 24,516 | 25,089 | 22 |
| Rocky Mountain. | 166,565 | 178,194 | 191,724 | 203,495 | 221,749 | 231,908 | 4.6 | 19,446 | 20,375 | 21,498 | 22,376 | 23,943 | 24,652 |  |
| Colorado.................................. | 86,111 | 92,927 | 100,489 | 108,190 | 119,717 | 124,947 | 4.4 | 21,967 | 23,126 | 24,410 | 25,601 | 27,690 | 28,283 | 7 |
| Idaho..... | 21,208 | 22,044 | 23,639 | 25,148 | 27,021 | 28,240 | 4.5 | 17,628 | 17,944 | 18,876 | 19,714 | 20,797 | 21,378 | 44 |
| Montana | 15,037 | 15,621 | 16,670 | 16,997 | 18,084 | 19,000 | 5.1 | 16,967 | 17,554 | 18,679 | 18,939 | 20,023 | 21,008 | 45 |
| Utah... | 35,002 | 37,715 | 40,460 | 42,112 | 45,258 | 47,302 | 4.5 | 16,926 | 17,792 | 18,680 | 19,112 | 20,191 | 20,840 | 46 |
| Wyoming ............................. | 9,207 | 9,886 | 10,466 | 11,047 | 11,669 | 12,419 | 6.4 | 18,861 | 20,199 | 21,324 | 22,464 | 23,621 | 25,118 | 20 |
| Far West.. | 967,506 | 1,017,744 | 1,090,483 | 1,141,518 | 1,234,359 | 1,281,390 | 3.8 | 21,833 | 22,590 | 23,811 | 24,546 | 26,153 | 26,736 |  |
| Alaska. | 13,919 | 14,497 | 15,003 | 15,400 | 16,411 | 17,171 | 4.6 | 22,872 | 23,650 | 24,201 | 24,649 | 26,149 | 27,045 | 13 |
| California | 701,878 | 735, 173 | 789,557 | 827,255 | 897,310 | 932,835 | 4.0 | 21,921 | 22,630 | 23,935 | 24,695 | 26,391 | 27,038 | 14 |
| Hawaii... | 26.730 | 27,371 | 27,846 | 28,378 | 29,786 | 30,930 | 3.8 | 22,206 | 22,590 | 22.914 | 23,447 | 24,570 | 25,262 | 19 |
| Nevada... | 37,634 | 41,126 | 44,903 | 47,583 | 51,332 | 54,069 | 5.3 | 22,585 | 23,313 | 24,230 | 24,594 | 25,428 | 25,673 | 17 |
| Oregon.. | 64,801 | 68,539 | 72,660 | 75,398 | 80,241 | 82,917 | 3.3 | 19,957 | 20,742 | 21,674 | 22,216 | 23,399 | 23,876 | 32 |
| Washington ..................... | 122,543 | 131,039 | 140,515 | 147,503 | 159,278 | 163,467 | 2.6 | 22,001 | 23,092 | 24,354 | 25,246 | 26,958 | 27,299 | 11 |
| 1. Per capita disposable personal income was computed using midyear population estimates of the Bureau of the Census. <br> 2. Percent change was calculated from unrounded data. <br> Note. The personal income level shown for the United States is derived as the sum of the State estimates. It differs from the estimate of personal income in the national income and product <br> estimates, and in the timing of the availability of source data. in particular, it differs from the NIPA estimate because, by definition, it omits the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms. <br> Source: Table 1 "State Personal Income, Revised Estimates for 1999-2001" in the October 2002 issue of the Survey of Curbent Busimess. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Table J.4. Gross State Product (GSP) by Industry for States and Regions, 2000
[Millions of dollars]

| State and region | Rank of total GSP | Total GSP | Agriculture, forestry, and fishing | Mining | Construction | Manufacturing | Transportation and public utilities | Wholesale trade | Retail trade | Finance, insurance, and real estate | Services | Government |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| United States .. |  | 9,941,552 | 135,750 | 127,084 | 463,635 | 1,566,579 | 825,016 | 674,145 | 893,855 | 1,936,304 | 2,164,630 | 1,154,555 |
| New England... |  | 582,776 | 4,298 | 297 | 24,619 | 85,821 | 34,328 | 38.418 | 48,794 | 149,028 | 143,603 | 53,570 |
| Connecticut. | 22 | 159,288 | 1,090 | 112 | 5,579 | 24,897 | 9,399 | 9,726 | 12,876 | 47,045 | 35,235 | 13,328 |
| Maine......... | 44 | 35,981 | 693 | 5 | 1,693 | 5,561 | 2,457 | 2.138 | 4,253 | 6,667 | 7.422 | 5,090 |
| Massachusetts............... | 11 | 284,934 | 1,545 | 97 | 12,556 | 37,956 | 16,075 | 20,467 | 22,004 | 69,651 | 79,674 | 24,908 |
| New Hampshire ............. | 38 | 47,708 | 341 | 36 | 2,060 | 9,777 | 2,707 | 3,212 | 4,617 | 11,587 | 9,685 | 3,684 |
| Rhode Island......... | 42 | 36,453 | 227 | 11 | 1,898 | $\begin{array}{r}4,450 \\ \hline\end{array}$ | 2,343 | +1,854 | 3,244 | 10,796 | 7,465 | 4,164 |
| Vermont....................... | 49 | 18,411 | 401 | 36 | 831 | 3,179 | 1,346 | 1,021 | 1,799 | 3,281 | 4,121 | 2,396 |
| Mideast.. |  | 1,848,116 | 11,090 | 3,667 | 70,536 | 228,623 | 146,359 | 118,790 | 138,089 | 481,675 | 436,048 | 213,239 |
| Delaware... | 43 | 36,336 | 317 |  | 1,578 | 5,535 | 1,876 | 1,482 | 2,579 | 13,840 | 5,790 | 3,336 |
| District of Columbia.. |  | 59,397 | 21 | 29 | 571 | 833 | 3,044 | 746 | 1,672 | 8,017 | 22,753 | 21,711 |
| Maryland................. | 16 | 186,108 | 1,600 | 153 | 10,519 | 14,955 | 14,137 | 11,392 | 16,164 | 38,915 | 45,895 | 32,377 |
| New Jersey ...... | 8 | 363,089 | 1,919 | 242 | 14,235 | 50,198 | 34,131 58 | 33,575 | 27,339 | 85,452 | 81,545 | 34,453 |
| New York......... |  | 799,202 403985 | 3,385 3,848 | 615 2.627 | 25,958 17.674 | 81,644 | 58,750 34,421 | 46,841 24,754 | 54,630 35,705 | 259,929 | 188,190 91875 | 79,260 42,102 |
| Pennsylvania.... |  | 403,985 |  | 2,627 |  |  | 34,427 | 24,754 | 35,705 | 75,522 | 91,875 | 42,102 |
| Great Lakes....... |  | 1,530,982 | 15,630 | 4,414 | 74,009 | 351,203 | 116,507 | 109,716 | 137,490 | 257,073 | 306,776 | 158,165 |
| Illinois.. | 5 | 467,284 | 4,163 | 1,058 | 22,310 | 73,413 | 41,203 | 37,013 | 37,669 | 96,849 | 107,674 | 45,932 |
| Indiana........................ | 15 | 192,195 | 2,225 | 674 | 9,836 | 58,906 | 14,436 | 11,448 | 17,365 | 25,422 | 32,755 | 19,128 |
| Michigan..... | 9 | 325,384 | 2,910 | 881 | 16,619 | 85,465 | 21,335 | 23,548 | 30,046 | 46,417 | 64,863 | 33,301 |
| Ohio......... |  | 372,640 | 3.481 | 1,531 | 16,809 | 89,399 | 27,100 | 26.483 | 36,183 | 60,960 | 69,897 | 40,799 |
| Wisconsin... | 20 | 173,478 | 2,851 | 271 | 8,434 | 44,021 | 12,433 | 11,225 | 16,227 | 27,424 | 31,588 | 19,005 |
| Plains.. |  | 635,821 | 16,886 | 3,449 | 31,195 | 111,677 | 60,941 | 47,702 | 59,475 | 104,091 | 126,218 | 74,188 |
| lowa....... | 30 | 89,600 | 3,678 | 210 | 3,822 | 19,747 | 7,758 | 6,338 | 7,950 | 13,938 | 15,392 | 10,768 |
| Kansas... | 31 | 85,063 | 2,204 | 1,236 | 4,018 | 14,004 | 11,408 | 6,449 | 8,380 | 11,141 | 14,851 | 11,373 |
| Minnesota.. | 17 | 184,766 | 3,318 | 684 | 9,575 | 32,459 | 13,842 | 14,555 | 17,069 | 35,354 | 39,566 | 18,344 |
| Missouri.... | 18 | 178,845 | 2,517 | 423 | 9,150 | 32,849 | 18,299 | 12,985 | 17,040 | 27,394 | 37,761 | 20,425 |
| Nebraska...... | 36 | 56,072 | 2,471 | 86 | 2,710 | 8,022 | 6,082 | 4,289 | 4,918 | 8,763 | 11,031 | 7,701 |
| North Dakota................. | 50 | 18,283 | 952 | 686 | 924 | 1,580 | 1,783 | 1,561 | 1,797 | 2,846 | 3,518 | 2,636 |
| South Dakota ................. | 46 | 23,192 | 1,745 | 125 | 995 | 3,015 | 1,769 | 1,524 | 2,322 | 4,655 | 4,100 | 2,941 |
| Southeast.... |  | 2,156,521 | 32,736 | 30,526 | 108,230 | 351,257 | 190,197 | 148,028 | 212,493 | 361,852 | 434,586 | 286,617 |
| Alabama...................... | 25 | 119,921 | 2,166 | 1,448 | 5,845 | 22,959 | 10,544 | 7,788 | 12,134 | 18.027 | 20,849 | 18,161 |
| Arkansas. | 34 | 67,724 | 2,246 | 474 | 3,300 | 15,065 | 7,036 | 4,466 | 7,868 | 8,117 | 10,769 | 8,382 |
| Florida........................ | 4 | 472,105 | 8,084 | 899 | 25,357 | 32,590 | 39,503 | 36,250 | 52,887 | 100,537 | 118,762 | 57,236 |
| Georgia | 10 | 296,142 | 3,894 | 1,127 | 14,821 | 49,553 | 33,355 | 26,471 | 27,206 | 47,076 | 58,036 | 34,603 |
| Kentucky..... | 27 | 118,508 | 2,693 | 2,135 | 5,538 | 31,633 | 9,605 | 7,316 | 10,976 | 13,664 | 19,211 | 15,735 |
| Louisiana - | 24 | 137,700 | 1,281 | 18,526 | 6,635 | 20,145 | 12,233 | 7,519 | 11,790 | 19,005 | 24,039 | 16,526 |
| Mississippi........ | 35 | 67,315 | 1,600 | 770 | 3.222 | 13,307 | 6.401 | 3,912 | 7,270 | 8,158 | 11,753 | 10,923 |
| North Carolina.... | 12 | 281,741 | 4.979 | 521 | 13,913 | 67,502 | 18,773 | 16,689 | 24,119 | 54,987 | 45,998 | 34,260 |
| South Carolina.... | 28 | 113,377 | 1,359 | 177 | 6,814 | 23,897 | 10,397 | 7,071 | 12,037 | 15,819 | 18,522 | 17,285 |
| Tennessee... | 19 | 178,362 | 1,805 | 541 | 8,243 | 36,055 | 14,790 | 13,301 | 19,943 | 25,678 | 37,475 | 20,531 |
| Virginia ........... | 13 | 261,355 | 2,320 | 1,044 | 12.561 | 31,792 | 23,009 | 15,007 | 22,024 | 45,969 | 61,451 | 46,178 |
| West Virginia ................ | 40 | 42,271 | 309 | 2,863 | 1,980 | 6,760 | 4,551 | 2,237 | 4,239 | 4,816 | 7,719 | 6,795 |
| Southwest.... |  | 1,044,714 | 15,067 | 57,581 | 51,262 | 149,173 | 106,628 | 75,069 | 100,350 | 156,992 | 209,961 | 122,632 |
| Arizona..... | 23 | 156,303 | 2,246 | 1,136 | 9,292 | 24,382 | 11,154 | 10,124 | 16,463 | 28,714 | 34,652 | 18,140 |
| New Mexico ..... | 37 | 54,364 | 1,043 | 5,051 | 2,290 | 8,862 | 4,067 | 2,186 | 4,838 | 7.219 | 9,787 | 9,022 |
| Oklahoma........ | 29 | 911773 | 2,138 | 5,146 | 3,614 | 14,824 | 8.480 | 5,375 | 9,338 | 11,383 | 16,849 | 14,625 |
| Texas............. | 3 | 742,274 | 9,639 | 46,247 | 36,066 | 101,105 | 82,927 | 57,384 | 69,711 | 109,676 | 148,674 | 80,845 |
| Rocky Mountain. |  | 314,569 | 6,145 | 9,800 | 20,135 | 36,195 | 34,340 | 19,342 | 29,999 | 51,085 | 67,522 | 40,006 |
| Colorado......... | 21 | 167,918 | 2,261 | 2,913 | 11,084 | 16,257 | 20,376 | 10,726 | 15,911 | 28,734 | 40,342 | 19,313 |
| Idaho .... | 41 | 37,031 | 1,870 | 169 | 2,414 | 8,468 | 2,874 | 2,277 | 3,632 | 4,306 | 6,180 | 4,842 |
| Montana...................... | 47 | 21,777 | 846 | 812 | 1,218 | 1,578 | 2.563 | 1,352 | 2,180 | 3,074 | 4,566 | 3,587 |
| Utah.. | 33 | 68,549 | 713 | 1,208 | 4,405 | 8,559 | 5,901 | 4,254 | 6,881 | 12,685 | 14,268 | 9,675 |
| Wyoming ..................... | 48 | 19,294 | 454 | 4,698 | 1,014 | 1,333 | 2,626 | 733 | 1,394 | 2,286 | 2,166 | 2,589 |
| Far West..... |  | 1,828,052 | 33,898 | 17,350 | 83,651 | 252,629 | 135,717 | 117,080 | 167.165 | 374,507 | 439,917. | 206,137 |
| Alaska | 45 | 27,747 |  | 6,041 | 1,266 | 1,073 | 4,401 | 837 | 1,858 | 2,852 | 3,690 | 5,296 |
| California ... | 1 | 1,344,623 | 24,587 | 9,233 | 55,472 | 189,962 | 94,183 | 87,392 | 121,300 | 293,110 | 328,274 | 141,109 |
| Hawaii.. | 39 | 42,364 | 509 | 44 | 1,853 | 1,296 | 4.288 | 1,602 | 4,663 | 9,520 | 9,515 | 9,074 |
| Nevada..... | 32 | 74,745 | 582 | 1,392 | 7,399 | 3,066 | 5,924 | 3,386 | 7,920 | 13,379 | 24,131 | 7,566 |
| Oregon... | 26 | 118,637 | 3,066 | 159 | 6,365 | 30,608 | 8,199 | 8,521 | 9,630 | 16,768 | 21,218 | 14,102 |
| Washington................... | 14 | 219,937 | 4,722 | 481 | 11,296 | 26,625 | 18,722 | 15,341 | 21,795 | 38,877 | 53,089 | 28,990 |

Table K.1. Personal Income and Per Capita Personal Income by Metropolitan Area, 1998-2000

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow{3}{*}{Area name} \& \multicolumn{4}{|c|}{Personal income} \& \multicolumn{4}{|l|}{Per capita personal income \({ }^{1}\)} \& \multirow{3}{*}{Area name} \& \multicolumn{4}{|c|}{Personal income} \& \multicolumn{4}{|l|}{Per capita personal income 1} \\
\hline \& \multicolumn{3}{|c|}{Millions of dollars} \& Percent change \({ }^{2}\) \& \multicolumn{3}{|c|}{Dollars} \& \multirow[t]{2}{*}{\[
\begin{array}{|l|}
\hline \text { Rank } \\
\text { in } \\
\text { U.S. } \\
\hline 2000
\end{array}
\]} \& \& \multicolumn{3}{|c|}{Millions of dollars} \& \multirow[t]{2}{*}{\[
\begin{gathered}
\begin{array}{c}
\text { Percent } \\
\text { change }
\end{array} \\
\hline \begin{array}{c}
1999-2 \\
2000
\end{array}
\end{gathered}
\]} \& \multicolumn{3}{|c|}{Dollars} \& \multirow[t]{2}{*}{\[
\begin{array}{|l|}
\hline \begin{array}{l}
\text { Rank } \\
\text { in } \\
\text { U.S. }
\end{array} \\
\hline 2000 \\
\hline
\end{array}
\]} \\
\hline \& 1998 \& 1999 \& 2000 \& \[
\begin{aligned}
\& 1999- \\
\& 2000
\end{aligned}
\] \& 1998 \& 1999 \& 2000 \& \& \& 1998 \& 1999 \& 2000 \& \& 1998 \& 1999 \& 2000 \& \\
\hline United States \({ }^{3}\) Metropolitan portion \& 7,418,497 \& 7,769,367 \& 8, 8, 7143,5632 \& 7.0 \& \({ }_{28,528}^{26,893}\) \& 27,843 \& 29,469 \& \(\cdots\) \& Corvallis, OR Cumberland. MO-WV \& \[
\begin{aligned}
\& 2,157 \\
\& 1,971
\end{aligned}
\] \& 2,196
2,010 \& 2,291 \& 4.6 \& 27,327 \& 28,059
19,617 \& \({ }_{20,653}^{29,318}\) \& 81
305 \\
\hline Nonmeltropolitan portion.............. \& 1,108,706 \& 1,146,516 \& 1,210,472 \& 5.6 \& 20,277 \& 20,822 \& 21,847 \& ...... \& Dollas, TX*................................ \& 106,605 \& 113,699 \& 124,705 \& 9.7 \& 31,840 \& 32,974 \& 35,216 \& 23 \\
\hline Consolidated Metropolitan Statistical Areas \& \& \& \& \& \& \& \& \& e, VA \& 2,150 \& 2,199 \& 2.314 \& 5.2 \& 19,461 \& 19,936 \& 21,028 \& 303 \\
\hline Chicago-Gary-Kenosha, IL-IN-WI \& 287,183 \& 298,505 \& \& \& 31,878 \& 32,820 \& 34,506 \& \& Davenport-Moline-Rock Isla 1A-1L \& ,260 \& 9.250 \& \& \& \& \& \& 134 \\
\hline Cincinnati-Hamiton, OH -KY-IN..... \& 54,908 \& 57,245 \& 60,249 \& 5.2 \& 28,078 \& 29,075 \& 30,384 \& \(\cdots\) \& Dayton-Springielie \& 25,427 \& 26,056 \& 27,084 \& 3.9 \& 25,852 \& \({ }^{27,736}\) \& 28,504 \& \({ }_{99}\) \\
\hline Cleveland-Akron, OH \& \({ }^{83}, 3388\) \& 85,770 \& 89,742 \& 4.6 \& 28,294 \& 29,115 \& 30,464 \& \& Daytona Beach, FL \& 10,308 \& 10.587 \& 11,232 \& 6.1 \& 21,519 \& 21,754 \& 22,660 \& \({ }^{276}\) \\
\hline Dallas-Fort Worth. TX. \& 150,138 \& 160,079 \& 174,907 \& 9.3
109 \& 30,167
31947 \& 31,267 \& 33,289 \& \& Decatur, AL \& 3, \begin{tabular}{l}
3,274 \\
2,97 \\
\hline
\end{tabular} \& 3.423
3
3 \& \begin{tabular}{l}
3.521 \\
3.150 \\
\hline 1
\end{tabular} \& 2.9 \& 22,707 \& \({ }_{2}^{23,573}\) \& 24,108 \& 228 \\
\hline Oenver-Boulder-Greeley, C0 \& 78,606
162.694 \& 85,196
169,368 \& 94,440
178,609 \& 5.5 \& -31,977 \& 33,652 \& \({ }^{36,370}\) \& \& \({ }^{\text {Decatur, }}\) DL. \& 65,598 \& 70,982 \& 78,793 \& 11.0 \& 32,532 \& 36,267 \& 277,516 \& 124
18 \\
\hline Houston-Galveston-Brazoria, TX....... \& 136,556 \& 142,509 \& 155,001 \& 8.8 \& 30,405 \& 30,982 \& 33,025 \& \& Des Moines, IA. \& 13,074 \& 13,700 \& 14,340 \& 4.7 \& 29,503 \& 30.402 \& 31,347 \& 53 \\
\hline Count, CA.....-*) \& 428,551 \& 451,458 \& 482,176 \& 6.8 \& 26.909 \& 27,892 \& 29,329 \& \& Detroit, M1*. \& 134,925 \& 140,283 \& 147,828 \& 5.4 \& \& \& \& 36 \\
\hline Miami-Fort Lauderdale, FL....... \& 902 \& 98,951 \& 105,353 \& 6.5 \& 25,637 \& 25,937 \& 27,033 \& \& Dothan, AL \& 2,943 \& 3,071 \& 3,202 \& 4.3 \& 21.566 \& 22,357 \& 23,197 \& 259 \\
\hline Milwaukee-Racine, WI,
New York-No. New Jersey-Long \& ,851 \& 51,775 \& 54,331 \& 4.9 \& 29,698 \& 30,734 \& 32,137 \& \& Dover, DE \& 2,772 \& 2,862 \& 3,025 \& 5.7 \& 22,348 \& 22,787 \& 23,795 \& 238 \\
\hline New York-No. New Jersey-Long Island, NY - \(\mathrm{NL}-\mathrm{CT}-\mathrm{PA}\) \& 741,023 \& 774,361 \& 836,234 \& 8.0 \& 35,723 \& 36,956 \& 39,568 \& ...... \& Dubuque, IA.. \& 2,173 \& 2.174 \& 2,287 \& 5.2 \& 24,481 \& 24,450 \& 25,645 \& 172 \\
\hline \begin{tabular}{l}
Philadelphia-Wilmington-Atlantic \\
City, PA-NJ-DE-MD
\end{tabular} \& 187,702 \& 194 \& 206,743 \& 6.1 \& 30,592 \& 31.598 \& 33,377 \& \& Duluth-Superior, MN- \& 5,789 \& 5,978 \& 6,339 \& 6.0 \& 23,893 \& 24,590 \& \& 162 \\
\hline Portland-Salem, OR-WA............... \& 61,119 \& 6 \& 69,210 \& 7.7 \& 27,732 \& 28,687 \& 30,453 \& \& Dutchess County, \& 7,710 \& 7,964 \& 8,687 \& 9.1 \& 28,160 \& 28,691 \& 30,939 \& 57 \\
\hline Sacramenio-Yoio, CA.. \& 46,577 \& 50,012 \& 157 \& 8.3 \& 26,894 \& 28,299 \& 29,951 \& \& Eau Claire, WI. \& 3,432 \& 3,584 \& 3,785 \& 5.6 \& 23,435 \& 24,321 \& 25,472 \& 178 \\
\hline San Francisco-Oakland-San Jose, \& 257 \& 283. \& 328,725 \& 15.8 \& 37,277 \& 40,660 \& 46,586 \& \& EPaso, ix \& 11.624 \& 11.988 \& 12,643 \& \& \& 17.749 \& 18.535 \& 312 \\
\hline Seatti-Tacoma-Bremerton, WA..... \& 112,042 \& 121,281 \& 127,818 \& 5.4 \& 32,207 \& 34,412 \& 35,877 \& ..... \& Elkhart-Gosthen \& 4,372 \& 4,627 \& 4,857 \& 5.0 \& 24,578 \& 25,614 \& 26,485 \& 149 \\
\hline VA-W \& 247,605 \& 262,832 \& 283,865 \& 8.0 \& 33,416 \& 34,955 \& 37,168 \& \& Elmira, NY \& 2,085 \& 2,145 \& 2,881 \& 6.4 \& 22,771 \& 23,499 \& 25,069 \& 191 \\
\hline Melropolitan Statistical
Areas \(^{4}\) \& \& \& \& \& \& \& \& \& Enid \& 1,328 \& 1,326 \& 3 \& 3.5 \& 841 \& 22,791 \& 23,815 \& 237 \\
\hline Abilene, TX \& 2 \& 2 \& 3,0 \& 4.5 \& 22,971 \& 23 \& 24,4 \& 214 \& Erie, PA. \& 6.504 \& 6,649 \& 6,944 \& 4.4 \& \({ }^{23,082}\) \& 23,637 \& 24,740 \& 199 \\
\hline Akron, \(\mathrm{OH}^{*}\) \& \(\begin{array}{r}18,584 \\ \hline 1567\end{array}\) \& 19.186

2 \& 30,194
2
2 \& 5.3 \& 22,88
21313 \& 2,680

21,864 \& ${ }_{2,290}^{29,023}$ \& 290 \& Eugene-Springfield, OR. \& 7.5990 \& | 7,904 |
| :--- |
| 7 |
| 7.996 | \& 8,271

8,310 \& 4.6
5.2 \& 23,744 \& 24,564 \& 25,584
28,048 \& 175
108 <br>
\hline Albany-Schenectad \& 24,112 \& 24.816 \& 26.233 \& 5.7 \& 27.587 \& 28,392 \& 29.942 \& 71 \& Fargo-Moorthead, ND-MN..... \& 4,258 \& ${ }_{4}{ }_{7} .535$ \& 4.720 \& 4.1 \& 24,914 \& 26,230 \& 27,024 \& 133 <br>
\hline Albuquerque, NM \& 16.861 \& 17.372 \& 18.503 \& 6.5 \& 24,043 \& 24.598 \& 25,894 \& 164 \& Fayetteville, NC. \& ${ }^{6.862}$ \& 7.105 \& ${ }_{7} 7.542$ \& 6.2 \& 22.912 \& ${ }^{23,558}$ \& 24,899 \& ${ }^{193}$ <br>
\hline \& 2,833 \& 2,901 \& 3,006 \& 3.6 \& 22,509 \& ${ }^{23.006}$ \& 23,777 \& 239 \& Fayetteville-Springdale-Rogers, AR \& 6,356 \& 6.806 \& ${ }^{7} 7.306$ \& 7.4 \& 21,588 \& 22,442 \& ${ }^{23,316}$ \& 251 <br>
\hline Allentown-Beth \& 16,797 \& 17,530 \& 18,614 \& 6.2 \& 26,606 \& 27.593 \& 29,146 \& \& Flagstaft AZ-U \& 2,432 \& ${ }^{2} \mathbf{2}, 588$ \& 2.700 \& 6.8 \& 20,117 \& 20,842 \& 22,000 \& ${ }^{288}$ <br>
\hline  \& 2,908

4,981 \& | 3,031 |
| :--- |
| 5,047 | \& 3,165

5,333 \& 4.4 \& 22,284 \& 23,387 \& 24,429 \& 210 \&  \& - \& + \& $\begin{array}{r}1,017 \\ 3,060 \\ \hline\end{array}$ \& 3.2 \& 20,254 \& 20,770 \& ${ }_{21,397}^{25,27}$ \& 1896 <br>
\hline Anchorage, AK \& ${ }_{8}^{8,403}$ \& 8.599 \& 9.108 \& 5.9 \& ${ }^{32,668}$ \& 33,156 \& 34,950 \& 24 \& Florence, SC \& 2 \& 2,902 \& ${ }^{3,085}$ \& 6.3 \& 22,336 \& 23,107 \& 24,517 \& 211 <br>
\hline Ann Arbor, Mil \& $\stackrel{17,299}{ }$ \& $\begin{array}{r}18,414 \\ \hline, 369 \\ \hline\end{array}$ \& 19,765 \& 7.3 \& ${ }_{2}^{31,002}$ \& 32, 312 \& ${ }_{2123}^{33,987}$ \& 298 \& Fort Collins-Loveland, CO \& 6,219 \& -6,670 \& 7,376 \& 10.6 \& ${ }_{28}^{25,80}$ \& ${ }^{27,017}$ \& ${ }_{29}^{29,178}$ \& 87 <br>

\hline Anniston, AL- \& | 2,367 |
| :--- |
| 9,082 | \& 2,369

9,545 \& $\begin{array}{r}2,364 \\ +10,179 \\ \hline 1\end{array}$ \& -0.2 \& 20,146 \& 20,664 \& | 21,232 |
| :--- |
| 28,32 | \& 298 \& Fort Lauderdale, $\mathrm{FL}^{*}$.-7., \& 43,924 \& 44,556

11,196 \& 411,834 \& 7.7 \& ${ }^{28,015}$ \& 25,917 \& 296,455 \& 80 <br>
\hline Asheville, NC. \& 5.554 \& 5,706 \& 6.032 \& 5.7 \& 25,142 \& 25.506 \& 26,618 \& 144 \& Fort Pierce-Port St. Lucie, FL \& 8.644 \& 8.932 \& 9,367 \& 4.9 \& 27,779 \& ${ }^{28,237}$ \& 29,206 \& 85 <br>
\hline Athens, GA. \& 3,262 \& 3,407 \& 3,589 \& 5.3 \& 22,001 \& 22,542 \& 23,311 \& 253 \& Fort Smith, AR-OK. \& 4.113 \& 4.319 \& 4.625 \& 7.1 \& 20,384 \& 21,104 \& 22,249 \& 282 <br>
\hline Atlanta, GA. \& 116,796 \& 126,048 \& ${ }^{136,832}$ \& 8.6 \& 30,121 \& 31,435 \& 33,013 \& 37 \& For Wation Beach, FL \& 4,093 \& 4,254 \& 4.530 \& 6.5 \& 24,363 \& 25.163 \& 26,501 \& 148 <br>
\hline Atantio-Cape May, \& 10,234 \& +10,373 \& 10,954 \& 5.6 \& \& 29,420 \& 30.824 \& 63 \& For Wayne, IN.........x. \& 12,805 \& 13,195
4638 \& + \& 5.2 \& 25,924 \& 26,479 \& 27,591 \& 118 <br>
\hline Aubum-Opelika, AL-s \& $\begin{array}{r}1,920 \\ 10,502 \\ \hline 1\end{array}$ \& 2,021
10,817 \& 2,135
11,389 \& 5.6
5.3 \& 22,320 \& 22,800 \& ${ }_{\text {18, }}^{18,88}$ \& 313
236 \&  \& 43,465 \& 46,462 \& - \& 8. 8. \& -26,454 \& 20,260 \& ${ }_{21,121}^{29,305}$ \& ${ }_{301}^{82}$ <br>
\hline Austin-San Marcos, TX \& 32,797 \& 36,972 \& 40,483 \& 9.5 \& 28,382 \& 30,659 \& 32,039 \& 44 \& Gadsden, AL. \& 2,072 \& 2,119 \& 2,219 \& 4.7 \& 19,852 \& 20,375 \& 21,486 \& 294 <br>
\hline Bakersfieict, CA. \& 12,577 \& 12,921 \& 13,787 \& 6.7 \& 19,559 \& 19,714 \& 20,767 \& 304 \& Gainesville, FL. \& 4,938 \& 5.063 \& 5,347 \& 5.6 \& 23,217 \& 23,455 \& 24,507 \& 212 <br>
\hline Batimore MD. \& 74,127 \& 77,608 \& 82.502 \& 6.3 \& 29,354 \& 30,551 \& 32,265 \& 42 \& Galveston-Texas City, TX \& 6,251 \& 6,387 \& ${ }^{6.660}$ \& 4.3 \& 25,446 \& 25,662 \& 26.564 \& 145 <br>
\hline Bangor. ME (NECMA) \& 3,124 \& 3,244 \& ${ }^{3,426}$ \& 5.6 \& 21,605 \& 22,387 \& 23,653 \& 242 \& Gary, ${ }^{\text {N }}$ \& 15,702 \& ${ }^{16,146}$ \& 17.196 \& 6.5 \& 24,947 \& 25,604 \& 27,216 \& 129 <br>
\hline Barnstable-Yarmouth, MA (NECMA) Baton Rouge, LA. \& $\begin{array}{r}6,912 \\ 14,061 \\ \hline\end{array}$ \& 74,430 \& 8,128
15,176 \& 9.4 \& 23,787 \& 24,312 \& ${ }^{36,117}$ \& 190 \& Glens Falls, CY \& 2, 2,298 \& 2, 2, \& 2, 2,443 \& 5.2
9.9 \& 21,866
19,543 \& -22,169 \& ${ }_{2}^{23,562}$ \& ${ }_{292}^{256}$ <br>
\hline Beaumont-Port Aithur, TX \& 8 8,795 \& 8,798 \& $\stackrel{\text { g, }}{\substack{\text { g, } \\ \hline 166}}$ \& 3.9 \& 22.974 \& 22,851 \& ${ }_{23}^{23} 756$ \& 240 \& Grand Foris. ND-MM. \& 2,264 \& 2,264 \& ${ }^{2} 2,388$ \& 5.5 \& 22,657 \& 23,122 \& 24,572 \& 208 <br>
\hline Bellingham, WA............ \& 3,550 \& 3,707 \& 3,876 \& 4.6 \& 22,048 \& 22.525 \& 23,133 \& 261 \& Grand Junction, CO \& 2,562 \& 2.709 \& 2,885 \& 6.5 \& 22,738 \& 23,591 \& 24,693 \& 201 <br>
\hline Benton Harbor, MI. \& 3,853 \& 4,018 \& 4,171 \& 3.8 \& 23,776 \& 24,799 \& 25,659 \& 170 \& MI ........................... \& \& 28,933 \& 30,550 \& \& 26,095 \& 26,853 \& 27,977 \& 10 <br>
\hline Bergen-Passaic, NJ*. \& 51,904 \& 53,692 \& 58.721 \& 9.4 \& 38,142 \& 39,239 \& 42.726 \& 4 \& Great Falls, MT \& 1,881 \& ${ }^{1}, 8,896$ \& ${ }^{1,978}$ \& 4.3 \& ${ }_{2}^{23,304}$ \& ${ }^{26,527}$ \& 24.666 \& <br>
\hline  \& 3,100 \& 3,179
8027 \& 3,376

8,429 \& 5.2 \& 24, 273 \& 22,234 \& 23,097 \& 160 \& Green \& 6,102 \& 6,365 \& 6,659 \& 4.6 \& $\xrightarrow{21,944}$ \& 28,311 \& | 27.575 |
| :--- |
| 29,295 | \& ${ }^{278}$ <br>

\hline Biloxi-Gulfport-Pascagoula, MS...... \& 7.741 \& 8,027 \& 8,429 \& \& 21,73 \& 22,234 \& \& \& Greensborv-Winston-Salem-High \& \& \& \& \& \& \& 29,235 \& <br>
\hline Binghamton, NY. \& 5,773 \& 5,959 \& 6,244 \& 4.8 \& 22,798 \& 23.575 \& 24,779 \& 198 \& Point \& 32.570 \& 33.716 \& 35,799 \& 6.2 \& 26,716 \& 27,237 \& 28.522 \& 98 <br>
\hline Birminghan, AL .......... \& 24,406 \& 25,652 \& 26.814 \& 4.5 \& 26,791 \& 27,966 \& 29,057 \& 89 \& Greenvilie, NC \& 2,936 \& 2.911 \& 3,299 \& 13.3 \& 22,499 \& 21,964 \& 24,599 \& 207 <br>
\hline Bismarck, ND \& 2,2 \& 2.272 \& 2,426 \& 6.8 \& 23,487 \& 24,107 \& 25.586 \& 174 \& SC....-..................... \& 21.965 \& 22.964 \& 24,403 \& \& 23,404 \& 24,108 \& 25,277 \& 184 <br>
\hline Sloomington, iN. \& 2.662 \& 2,779 \& 2,955 \& 6.3 \& 22,308 \& 23,098 \& 24,503 \& 213 \& Hagerstown, M0* \& 2,945 \& 3,012 \& 3,206 \& 6.5 \& 22,570 \& ${ }^{22,960}$ \& 24,267 \& 221 <br>
\hline Bloomington-Norma \& 3,930 \& 4,212 \& 4,475 \& 6.2 \& 26,819 \& 28,244 \& 29,670 \& 74 \& Hamilton-Middietown, $\mathrm{OH}^{*}$ \& 8.397 \& 8.837 \& ${ }^{9,303}$ \& 5.3 \& 25.580 \& 26.719 \& 27,878 \& 114 <br>
\hline Boise City, ID................... \& 10,380 \& 11,091 \& 12.349 \& 11.3 \& 25,483 \& 26,343 \& 28,329 \& 103 \& Harrisburg-Lebanon-Cariste, PA.... \& 17,221 \& 17,838 \& 18,653 \& 4.6 \& 27,505 \& 28,399 \& 29,624 \& 76 <br>
\hline Boston-Worcester-Lawrence-Lowell-Brocklon, MA-NH \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline (NECMA)... \& 199,531 \& 212,497 \& 235,164 \& 10.7 \& 33,411 \& 35,287 \& 38.758 \& 16 \& Hartford, CT (NECMA) \& 37.637 \& 39,103 \& 41,761 \& 6.8 \& 33,79 \& 34,261 \& 36,295 \& 21 <br>
\hline Boulder-Longmont, $\mathrm{CO}^{*}$. \& 9,487 \& 10,392 \& 11.521 \& 10.9 \& 34,181 \& 36,347 \& 39,347 \& 14 \& Hattiesburg, MS... \& 2.195 \& ${ }^{2} 2,288$ \& 2,393 \& 4.6 \& 20,035 \& 20,679 \& 21,344 \& ${ }_{189}^{296}$ <br>
\hline $\stackrel{\text { brazora, }}{ }{ }_{\text {Bremerion, }}$ WA: \& 5,442 \& 5,636 \& 16.014
5,916 \& 5.9 \& 23,777 \& 24,568 \& 25,443 \& 200 \& Hickory-Morganton-Lenoir \& 7,725
24.914 \& -8,092 \& 86,233
26,23 \& 3.8 \& 23,091 \& 23,744 \& 25,178
29,960 \& 189 <br>
\hline Brownsville-Harting \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline TX \& 4.518 \& \& \& 7.3 \& 13,919 \& 14,179 \& 14,906 \& 317 \& Houma, LA. \& 4,031 \& 3,970 \& 4.185 \& 5.4 \& 20,817 \& 20,406 \& 21,519 \& 293 <br>
\hline Bran-College Station \& 2,760 \& 2,856 \& 3,058 \& 7.1 \& 18,708 \& 19,015 \& 20,033 \& 308 \& Houston, TX*. \& 124,997 \& 130,497 \& 142,327 \& 9.1 \& 31,136 \& 31,726 \& ${ }^{33,899}$ \& 33 <br>
\hline Butalo-Niagara \& 29.513 \& 30,160 \& 31,371 \& 4.0 \& 25,043 \& 25,710 \& ${ }^{26,846}$ \& 139 \& Runtington-Ashland, WV-KY-0H... \& 6,247 \& ${ }^{6,348}$ \& ${ }^{6} .653$ \& 4.8 \& 19,709 \& 20,092 \& 21.106 \& <br>
\hline Burlington, v (NECMA) \& 5,216 \& 5,514 \& 5,904 \& \& 26,791 \& ${ }^{27,985}$ \& 29.617 \& \& - Hunisvilie, AL \& 8.576 \& ${ }^{8,881}$ \& 9,471 \& 6.6 \& 25,483 \& 26,155 \& 27,575 \& 119 <br>
\hline Canton-Massillon, OH... \& 9,853 \& 10,086 \& 10,523 \& 4.3 \& 24,258 \& 24,783 \& 25,863 \& 165 \& Indianapolis, iN. \& 44,755 \& 46,852 \& 49,836 \& 6.4 \& ${ }_{2}^{28,589}$ \& 29.485 \& 30,906 \& 59 <br>
\hline  \& 1,860
5450 \& 1,917
5
5 \& 2,137
6,089 \& 11.5
6.5 \& 29,112 \& ${ }^{28,920}$ \& 31,686 \& 50 \& Jackson, M1. \& 3,514 \& 3,704 \& 3,276
3,865 \& 4.3 \& 22,524 \& 27,888 \& 29,441 \& - 79 <br>
\hline Cecar Rapios LiA.......... \& 4.229 \& 4,296 \& 4.554 \& 6.0 \& 23,329 \& 24,049 \& 25,331 \& 182 \& Jackson, MS. \& 10,716 \& 11,095 \& 11,666 \& 5.1 \& 24,692 \& 25,369 \& ${ }_{26,396}^{24,37}$ \& ${ }_{151}$ <br>
\hline Charleston-North Charleston, SC..... \& 11,824 \& 12.686 \& 13.463 \& 6.1 \& 22,074 \& 23,227 \& 24,458 \& 216 \& Jackson, TN. \& 2.404 \& 2.512 \& 2,674 \& 6.4 \& 22,969 \& 23,611 \& 24,853 \& 196 <br>
\hline Chareston, WV.........n.in...... \& 6,583 \& 6,698 \& 7,014 \& 4.7 \& 25,925 \& 26,523 \& 27,898 \& 113 \& Jacksonville, FL. \& 28,638 \& 29,383 \& 31,413 \& 6.9 \& 26,673 \& 26,997 \& 28,456 \& 100 <br>
\hline Charlotte-Gastonia-Rock Hill, NC-SC \& 40,359 \& \& \& \& \& 29,360 \& \& 60 \& Jacksonville, NC. \& 3,166 \& 3,284 \& ${ }^{3.433}$ \& \& 21,000 \& 21,950 \& 22,847 \& 270 <br>
\hline Chartottesville, VA. \& 4,452 \& 4.598 \& 4.947 \& 7.6 \& 28,927 \& 29,223 \& 30,875 \& 62 \& Jamestown, NY . \& 2,821 \& 2.842 \& 2.959 \& 4.1 \& 20.036 \& 20,288 \& 21,208 \& 299 <br>
\hline Chattanooga, iN-GA.... \& 11,243 \& 11,761 \& 12,472 \& 6.0 \& 24,477 \& 25,422 \& 26,781 \& 140 \& Janesville-Beloit, W1 ................... \& $\begin{array}{r}3,683 \\ \hline 14.950\end{array}$ \& 3,780 \& 3.918 \& 3.7 \& 24,416 \& 24,943 \& 25,69 \& 169 <br>
\hline Cheyenne, WY............................ \& 2,067 \& 2.178 \& 2,291 \& 5.2 \& 25,674 \& 26,885 \& 28,035 \& 709 \& Jersey City, NJ* \& 14,950 \& 15,660 \& 16,760 \& 7.0 \& 24,990 \& 25,927 \& 27,522 \& 122 <br>
\hline Chicago, 12* \& 265,559 \& 276.206 \& 292,932 \& \& 32,665 \& 33,632 \& 35,336 \& 22 \& TN-VA \& 9,857 \& 10,121 \& 10,712 \& 5.8 \& 20,756 \& 21,174 \& 22,302 \& 280 <br>
\hline Chico-Paradise CA aim \& 4.886 \& 4, 280 \& 4,549 \& ${ }_{6}^{6.3}$ \& 20,433 \& ${ }_{2}^{21,262}$ \& 22,325 \& 279 \& Johnstown, PA. \& 4,865 \& 5 \& 5,262 \& 3.8 \& 20,634 \& 21,658 \& ${ }^{22,663}$ \& 275 <br>
\hline Cincinnati, OH-KY-IN* \& 46,511 \& 48.408 \& 50,946 \& 5.2 \& 28.582 \& 29.551 \& 30.891 \& 61 \& Jonesbora, AR. \& 7,615 \& 1.699 \& 1,793 \& 5.5 \& 20,154 \& ${ }^{20,968}$ \& ${ }^{21,744}$ \& 290 <br>

\hline Clarksvillo-hopkkinsville, $\mathrm{IN}-\mathrm{KY}$ \& $\begin{array}{r}4.889 \\ 64,754 \\ \hline\end{array}$ \& 4,290 \& | 4,619 |
| :---: |
| 69.549 | \& 4.5 \& 20,723 \& 20,958 \& 22,250 \& 58 \& Kalamazoo-Batille Creek, Mi... \& 11,108 \& 11,333 \& 11,759 \& 3.8 \& 24,700 \& ${ }^{215,592}$ \& 25,950 \& ${ }_{163}$ <br>

\hline Colorado Springs, \& 2,207 \& ${ }^{13,738}$ \& , \& 8.9 \& 25,874 \& 26.988 \& 28,804 \& 92 \& Kankakee, 12 \& 2,302 \& 2,358 \& 2.494 \& 5.8 \& 22,297 \& 22,740 \& 24,010 \& 230 <br>
\hline Columbia, Mo \& 3.327 \& 3,436 \& 3,646 \& 6.1 \& 25,094 \& 25,623 \& ${ }^{267851}$ \& 138 \& Kansas City, MO-KS... \& 50,305 \& 53,017 \& 56.597 \& 6.7 \& 28,865 \& 30,090 \& ${ }^{31,765}$ \& 48 <br>
\hline  \& 13,418 \& 14,089 \& 14.932 \& 6.0 \& 25,621 \& 26.519 \& 27,41 \& 116 \& Kenosta, W+*......................... \& 3,620 \& 3,795 \& 3,998 \& 5.3 \& 24,731 \& ${ }_{2}^{25,589}$ \& ${ }^{26,646}$ \& 143 <br>
\hline columbus, GA-AL. \& 6,213
41,976 \& 6.489 \& $\begin{array}{r}6.823 \\ 47.299 \\ \hline\end{array}$ \& 5.1 \& 22,894 \& 29,694 \& ${ }^{24.813} 3$ \& 197 \& Killeen-Temple ${ }^{\text {a }}$ IX......
Knoxille, IN .......... \& 6,365
16.490 \& - $\begin{array}{r}6,759 \\ 17.021\end{array}$ \& $\begin{array}{r}7,132 \\ 18,153 \\ \hline\end{array}$ \& 5.5 \& 20,441 \& ${ }^{21,933}$ \& 22, 26.345 \& 273
153 <br>
\hline Corpus Christi, TX................................ \& 8,262 \& 8,409 \& 8,879 \& 5.6 \& 21,646 \& 22,029 \& 23,323 \& 250 \& Kokomo, in ..... \& 2,654 \& 2,784 \& 2,918 \& 4.8 \& 26,292 \& 27,474 \& 28,727 \& 95 <br>
\hline
\end{tabular}

[^24]Table K.1. Personal Income and Per Capita Personal Income by Metropolitan Area, 1998-2000—Continued

| Area name | Personal income |  |  |  | Per capita personal income ${ }^{1}$ |  |  |  | Area name | Personal income |  |  |  | Per capita personal income ${ }^{1}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Militions of dollars |  |  | Percent change ${ }^{2}$ | Dollars |  |  | Rank <br> in <br> U.S. <br> 2000 |  | Millions of doliars |  |  | Percent change ${ }^{2}$ | Dollars |  |  | $\begin{array}{\|c} \hline \begin{array}{l} \text { Rank } \\ \text { in } \\ \text { U.S. } \end{array} \\ \hline 2000 \\ \hline \end{array}$ |
|  | 1998 | 1999 | 2000 | $\begin{aligned} & 1999- \\ & 2000 \end{aligned}$ | 1998 | 1999 | 2000 |  |  | 1998 | 1999 | 2000 | $\begin{aligned} & 1999- \\ & 2000 \end{aligned}$ | 1998 | 1999 | 2000 |  |
| La Crosse, Wi | 3,064 | 3.164 | 3,323 | 5.0 | 24,438 | 25,100 | 26,165 | 156 | Reno. NV | 10,552 | 11,195 | 11,911 | 6.4 | 32,502 | 33,636 | 34,879 | 25 |
| Lafayette, LA | 8,201 | 8,151 | 8,572 | 5.2 | 21,511 | 21,219 | 22,210 | 284 | Richland-kennewick-Pasco. WA .... | 4.150 | 4,269 | 4,598 | 7.7 | 22,279 | 22,582 | 23,872 | 235 |
| Latayette, IN. | 4,093 | 4,205 | 4,455 | 5.9 | 22,738 | 23.179 | 24,330 | 220 | Richmond-Petersburg, VA........... | 27,932 | 29,358 | 31,271 | 6.5 | 28,635 | 29,744 | 31,292 | 54 |
| Lake Charles, LA. | 3.988 | 4,054 | 4.166 | 2.8 | 21,841 | 22,103 | 22,701 | 272 | Riverside-San Bernardino, CA*....... | 66,827 | 71,205 | 76,593 | 7.6 | 21,500 | 22,325 | 23,350 | 248 |
| Lakeland-Winter Haven, FL. | 10.122 | 10,478 | 11,306 | 7.9 | 21.469 | 21.919 | 23,285 | 255 | Roanoke, VA .............................. | 6,288 | 6,493 | 6,883 | 6.0 | 26,766 | 27,579 | 29,181 | 86 |
| Lancaster, PA.................. | 11,981 | 12.495 | 13,298 | 6.4 | 25,806 | 26,706 | 28,195 | 106 | Rochester, MN | 3,622 | 3,867 | 4,151 | 7.3 | 30,171 | 31,547 | 33,283 | 35 |
| Lansing-East Lansing, MI | 10,949 | 11,526 | 12.050 | 4.5 | 24,474 | 25,780 | 26,895 | 136 | Rochester, NY. | 29,626 | 30,133 | 31,213 | 3.6 | 27,024 | 27,488 | 28,419 | 101 |
| Laredo, TX... | 2,572 | 2,712 | 2,945 | 8.6 | 14,053 | 14,347 | 15,114 | 316 | Rockiord, IL. | 9,165 | 9.419 | 9.769 | 3.7 | 25,083 | 25.570 | 26.253 | 154 |
| Las Cruces. NM. | 2,818 | 2,905 | 3,032 | 4.4 | 16,376 | 16,705 | 17,321 | 314 | Rocky Mount, NC | 3,250 | 3,080 | 3,524 | 14.4 | 22,739 | 21,488 | 24,629 | 204 |
| Las Vegas, NV-AZ | 37,556 | 40.561 | 43,615 | 7.5 | 26,320 | 26.985 | 27.558 | 121 | Sacramento, CA** | 42.528 | 45,671 | 49,567 | 8.5 | 27,086 | 28,509 | 30,252 | 67 |
| Lawrence, KS | 2,043 | 2,135 | 2,278 | 6.7 | 20,941 | 21,461 | 22,747 | 271 | Saginaw-Bay City-Midand, M1 | 10,028 | 10,320 | 10,772 | 4.4 | 24.846 | 25,590 | 26,733 | 141 |
| Lawton, OK. | 2,285 | 2,349 | 2,443 | 4.0 | 19,771 | 20,235 | 21,332 | 297 | St. Cloud, MN. | 3.700 | 3,826 | 4,067 | 6.3 | 22,650 | 23,124 | 24,210 | 224 |
| Lewiston-Auburn, ME (NECMA) ...... | 2,316 | 2,413 | 2,497 | 3.5 | 22,463 | 23,333 | 24,045 | 229 | St. Joseph, M0 | 2,204 | 2,303 | 2,455 | 6.6 | 21,715 | 22,601 | 23,944 | 234 |
| Lexington, KY... | 12,170 | 12,785 | 13,743 | 7.5 | 26,121 | 26,975 | 28,597 | 97 | St. Louis, M0-IL | 75,458 | 77,468 | 81,709 | 5.5 | 29,184 | 29,855 | 31,354 | 52 |
| Lima, OH.... | 3.555 | 3,702 | 3,864 | 4.4 | 22,894 | ${ }^{23} 3.909$ | 24,890 | 194 | Salem, OR* | 7.574 | 7.999 | 8.354 | 4.4 | 22,391 | 23,253 | 24,000 | 231 |
| Lincoin, NE. | 6.509 | 6,858 | 7,217 | 5.2 | 26,611 | 27.717 | 28,752 | 94 | Salinas, CA | 10,442 | 11,127 | 11,970 | 7.6 | 26,919 | 28,081 | 29,695 | 73 |
| Little Rock-North Little Rock, AR..... | 14,634 | 15,240 | 16,045 | 5.3 | 25,598 | 26,327 | 27,417 | 126 | Salt Lake City-Ogden, UT | 31,226 | 32,672 | 34,868 | 6.7 | 23,953 | 24,738 | 26,075 | 159 |
| Longview-Marshall, TX................. | 4,677 | 4,764 | 5,009 | 5.2 | 22,492 | 22,804 | 23,992 | 232 | San Angelo, TX. | 2,338 | 2.404 | 2,520 | 4.8 | 22,475 | 23,136 | 24,235 | 223 |
| Los Angeles-Long Beach, $\mathrm{CA}^{*}$.. | 253,406 | 265,291 | 281.835 | 6.2 | 27,208 | 28,111 | 29,522 | 78 | San Antonio, TX | 36,977 | 38,704 | 41.169 | 6.4 | 23,903 | 24,612 | 25,741 | 166 |
| Louisville, KY-IN..................... | 28,201 | 29,247 | 31,008 | 6.0 | 27.866 | 28,670 | 30,191 | 68 | San Diego, CA .... | 78.156 | 84.493 | 91.850 | 8.7 | 28,558 | 30,289 | 32,515 | 41 |
| Lubbock, TX ......................... | 5,475 | 5.594 | 5.978 | 6.9 | 22.851 | 23,235 | 24,613 | 205 | San Francisco. CA* | 78,465 | 85.983 | 99,425 | 15.6 | 45,683 | 49,830 | 57,414 | 1 |
| Lynchburg, VA............................. | 4,704 | 4,910 | 5,194 | 5.8 | 22,169 | 22,976 | 24,141 | 226 | San Jose, CA* $\qquad$ San Luis Obispo-Atascadero-Paso | 66,666 | 76,769 | 92,880 | 21.0 | 40,185 | 45,928 | 55,157 | 2 |
| Macon, GA . | 7,490 | 7,814 | 8,234 | 5.4 | 23,505 | 24,357 | 25,474 | 177 | Robles CA $\qquad$ Santa Barbara-Santa Maria- | 5,869 | 6,231 | 6,669 | 7.0 | 24,453 | 25,592 | 26,932 | 135 |
| Madison, WI. | 13,090 | 13,737 | 14,679 | 6.9 | 31,152 | 32,456 | 34,301 | 30 | Lompoc, CA | 11,416 | 12,132 | 13,085 | 7.9 | 28,920 | 30,567 | 32,734 | 38 |
| Manstield, OH ... | 3,826 | 3.908 | 4,101 | 4.9 | 21,746 | 22,156 | 23,347 | 249 | Santa Cruz-Watsonville, CA* | 7.686 | 8.398 | 9.610 | 14.4 | 30,636 | 33,107 | 37,567 | 17 |
| McAllen-Edinburg-Mission, TX | 6,720 | 7.105 | 7.659 | 7.8 | 12,492 | 12,782 | 13,344 | 318 | Santa Fe, NM.... | 4,226 | 4,395 | 4,626 | 5.2 | 29,261 | 30,007 | 31,249 | 55 |
| Medford-Ashiand, OR. | 4,005 | 4,246 | 4,468 | 5.2 | 22,670 | 23,687 | 24,563 | 209 | Santa Rosa, CA* | 13,452 | 14,202 | 16,046 | 13.0 | 30,168 | 31,321 | 34,863 | 26 |
| Melbourne-Ttusville-Paim Bay, FL.. | 11,116 | 11,374 | 12,261 | 7.8 | 23,772 | 24,090 | 25,650 | 171 | Sarasota-8radenton, FL .... | 19,092 | 19.594 | 20,503 | 4.6 | 33,319 | 33,672 | 34,577 | 29 |
| Memphis, TN-AR-MS.................. | 30,687 | 31,775 | 33,329 | 4.9 | 27,625 | 28,222 | 29,275 | 84 | Savannah, GA | 7,316 | 7,601 | 8,008 | 5.4 | 25,362 | 26,066 | 27,289 | 128 |
| Merced, CA. | 3,545 | 3,742 | 3,924 | 4.9 | 17,528 | 18,100 | 18,536 | 311 | $P A A_{A}$ | 14,638 | 14,950 | 15,708 | 5.1 | 23,206 | 23,827 | 25,191 | 188 |
| Miami, FL* | 52,180 | 54,395 | 57,356 | 5.4 | 23,935 | 24.492 | 25,320 | 183 | Seatle-Bellevue-Everett, WA* | 84,997 | 93,159 | 98,384 | 5.6 | 35,880 | 38,858 | 40,6 | 8 |
| Middlesex-Somerset-Hunterdon, | 43,472 | 45,564 | 49,749 | 9.2 | 38,155 | 39,393 | 42,392 | 5 | Sharon, PA | 2,559 | 2,623 | 2,774 | 5.8 | 21,107 | 21,720 | 23,080 | 263 |
| Milwauke Waukesha, Wi* | 44,776 | 46,566 | 48,860 | 4.9 | 30,032 | 31,122 | 32,538 | 39 | Sheboygan, WI. | 2,895 | 3,031 | 3,190 | 5.3 | 25,852 | 27.039 | 28,278 | 104 |
| Minneapolis-St. Paut, MN-WI. | 96,082 | 101,215 | 109,236 | 7.9 | 33,308 | 34,518 | 36,666 | 19 | Sherman-Denison, TX | 2,306 | 2,426 | 2,597 | 7.1 | 21,546 | 22,218 | 23,400 | 247 |
| Missoula, MT. | 2,093 | 2,161 | 2.315 | 7.1 | 22,307 | 22,802 | 24,111 | 227 | Shrevegort-Bossier City, LA ........... | 8.780 | 9.031 | 9,404 | 4.1 | 22,529 | 23.083 | 23,972 | 233 |
| Mobile, AL. | 11,393 | 11,774 | 12,280 | 4.3 | 21,378 | 21,930 | 22.677 | 274 | Sioux City, IA-NE................. | 2.933 | 2.974 | 3.091 | 3.9 | 23,791 | 24.008 | 24,902 | 192 |
| Modesto, CA. | 9,178 | 9,650 | 10,302 | 6.8 | 21,407 | 22,001 | 22,889 | 268 | Sioux Falis, SD | 4,671 | 4,958 | 5,322 | 7.3 | 28,406 | 29,413 | 30,675 | 64 |
| Monmouth-Ocean, $\mathrm{NJ}^{*}$. | 35,161 | 36,478 | 39,362 | 7.9 | 31,952 | 32,721 | 34,812 | 28 | South Bend, iN | 6,727 | 6,930 | 7,261 | 4.8 | 25,495 | 26,156 | 27,335 | 127 |
| Monroe, LA .... | 3,109 | 3,258 | 3,396 | 4.2 | 21,055 | 22,135 | 23,061 | 265 | Spokane, WA. | 9,650 | 9,977 | 10,692 | 7.2 | 23,336 | 24,015 | 25,550 | 176 |
| Montgomery, AL | 7.860 | 8,251 | 8,584 | 4.0 | 23,899 | 24.915 | 25.740 | 167 | Springfield, 12 | 5,541 | 5,695 | 5,976 | 4.9 | 27.466 | 28,286 | 29,651 | 75 |
| Muncie, IN... | 2,735 | 2,813 | 2,952 | 5.0 | 22,889 | 23,683 | 24,877 | 195 | Springtield, MO | 7,296 | 7,561 | 8,000 | 5.8 | 23,032 | 23,510 | 24,473 | 215 |
| Myrtie Beach, S | 4,043 | 4,309 | 4,616 | 7.1 | 21.737 | 22,461 | 23,315 | 252 | Springfield, MA (NECMA | 15,250 | 15,780 | 16,832 | 6.7 | 25,173 | 25,990 | 27,653 | 117 |
| Naples, FL | 8,951 | 9,538 | 10.198 | 6.9 | 38,357 | 38,916 | 40.121 | 10 | State College, PA. | 3,080 | 3,251 | 3,428 | 5.4 | 22.871 | 24,026 | 25,237 | 185 |
| Nashville, 7 T | 34,143 | 35,748 | 38,263 | 7.0 | 28,598 | 29,429 | 30,962 | 56 | Steubenville-Weirton, | 2,751 | 2,785 | 2,891 | 3.8 | 20.426 | 20,893 | 21,969 | 289 |
| Nassau-Suffolk, NY*. | 101,028 | 105,063 | 111,360 | 6.0 | 37,229 | 38,387 | 40,353 | 9 | Stockton-Lodi, CA... | 11,542 | 12,297 | 13,209 | 7.4 | 21,364 | 22,261 | 23,242 | 258 |
| New Haven-Bridgeport-Starnford- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 71,036 7,690 | $\begin{array}{r}74,358 \\ 7918 \\ \hline\end{array}$ | 79.510 8,235 | 6.9 | 42,134 29,967 | 43,806 30,741 | 46,542 31,745 | + 49 | Sumter, SC... | $\begin{array}{r}1,964 \\ 17.807 \\ \hline\end{array}$ | 2,040 18,316 | 2,148 19,126 | 5.3 | 18,620 24.260 | 19,464 25.010 | 20,493 26.130 | 306 158 |
| New London-Norwich, CT (NECMA) | 33,225 | 33,710 | 34,842 | 3.4 | 24,878 | 25,187 | 26,056 | 161 | tacoma, WA* | 16,548 | 17,219 | 18,004 | 4.6 | 24,371 | 24,859 | 25,587 | 173 |
| New York, NY* | 321,204 | 337,522 | 365,961 | 8.4 | 35,123 | 36,504 | 39,259 | 15 | Tallahassee, FL | 6,569 | 6,864 | 7,237 | 5.4 | 23,649 | 24,429 | 25,382 | 181 |
| Newark, NJ* | 72,871 | 75,398 | 81,529 | 8.1 | 36,321 | 37,298 | 40,061 | 11 | Tampa-St. Petersburg-Clearwater, | 61,218 | 63,331 | 67.824 | 7.1 | 26,197 | 26,732 | 28,214 | 105 |
| Newburgh. NY-PA* | 9,167 | 9,590 | 10,211 | 6.5 | 24,411 | 25,125 | 26,211 | 155 | Terre Haute, in | 3,173 | 3,265 | 3,424 | 4.9 | 21,192 | 21,844 | 22,977 | 266 |
| Nortolk-Virginia Beach-Newport News, VA-NC | 37,362 | 38,836 | 41,180 | 6.0 | 24,154 | 24,929 | 26,159 | 157 | Texarkana, $T$ | 2,564 |  | 2,808 |  |  |  |  | 291 |
| Oakland, CA* .... | 78,163 | 84,680 | 95,167 | 12.4 | 33,581 | 35,819 | 39,611 | 13 | Toledo, OH. | 15,919 | 16,490 | 17,011 | 3.2 | 25,739 | 26,667 | 27,521 | 123 |
| Ocala, FL | 5,251 | 5.448 | 5.780 | 6.1 | 20,996 | 21,367 | 22.191 | 285 | Topeka, KS | 4.369 | 4,478 | 4;724 | 5.5 | 25,799 | 26,418 | 27,784 | 115 |
| Odessa-Midiand, ${ }^{\text {O }}$ | 6.287 | 5.994 | 6.414 | 7.0 | 25,995 | 24.968 | 27,139 | 131 | Trenton, $\mathrm{NJ}^{*}$ | 12,521 | 13,071. | 14,385 | 10.1 | 36,397 | 37,512 | 40,954 | 7 |
| Oklahoma City, OK | 24.684 | 25,793 | 27.606 | 7.0 | 23,226 | 23,969 | 25,436 | 180 | Tucson, AZ | 18,089 | 19,037 | 20,117 | 5.7 | 22,239 | 22,967 | 23,705 | 241 |
| Olympia, WA ${ }^{\text {+ }}$ | 5,055 | 5,267 | 5.513 | 4.7 | 25,018 | 25,711 | 26,460 | 150 | Tulsa, OK | 21,450 | 21,984 | 23,157 | 5.3 | 27,244 | 27,529 | 28,775 | 93 |
| Omaha, NE-IA... | 20,377 | 21.682 | 22.895 | 5.6 | 28,932 | 30,459 | 31,866 | 46 | Tuscaioosa, AL | 3,605 | 3,753 | 3,903 | 4.0 | 22,062 | 22,826 | 23,652 | 243 |
| Orange County, CA* ...................... | 87,686 | 92,823 | 99,583 | 7.3 | 31,619 | 32,963 | 34,862 | 27 | Tyler, TX ................................... | 4,389 | 4,518 | 4,810 | 6.5 | 25,662 | 26,152 | 27,421 | 125 |
| Orlando, FL. | 38,426 | 40,731 | 43,921 | 7.8 | 24,508 | 25,330 | 26,523 | 147 | Utica-Rome, NY | 6,583 | 6,764 | 7,038 | 4.0 | 21,897 | 22,557 | 23,505 | 245 |
| Owensboro, KY. | 2,038 | 2,086 | 2,220 | 6.5 | 22,421 | 22,837 | 24,238 | 222 | Vallejo-Fairfield-Napa, CA*............ | 12,820 | 13,731 | 15,597 | 13.6 | 25,628 | 26,888 | 29,880 | 72 |
| Panama City, FL. | 3,274 | 3,345 | 3,483 | 4.1 | 22,274 | 22,575 | 23,479 | 246 | Ventura, CA* ............................. | 20,632 | 22,140 | 24,166 | 9.2 | 28,232 | 29,783 | 31,919 | 45 |
| Parkersburg-Marietta, WV-OH | 3,320 | 3.421 | 3,567 | 4.3 | 21.826 | 22.565 | 23.610 | 244 | Victoria, TX ............................. | 2,025 | 2,078 | 2,231 | 7.3 | 24,305 | 24,748 | 26,533 | 146 |
| Pensacola FL. | 8,788 | 9.038 | 9,522 | 5.4 | 21.491 | 22,043 | 23.063 | 264 | Vineland-Milville-Bridgeton, $\mathrm{N} \mathrm{J}^{*} . .$. | 3,126 | 3,182 | 3,412 | 7.2 | 21,421 | 21,748 | 23,303 | 254 |
| Peoria-Pekin, IL | 9,219 | 9,360 | 9,689 | 3.5 | 26,532 | 26,893 | 27.908 | 111 | Visalia-Tulare-Porterville, CA ......... | 6,631 | 6,972 | 7,396 | 6.1 | 18,426 | 19,117 | 20,043 | 307 |
| Philadelphia, PA-NJ* | 156,407 | 162,631 | 172,229 | 5.9 | 30,868 | 31,985 | 33,742 | 34 | Waco, TX. | 4,467 | 4,705 | 4,897 | 4.1 | 21,293 | 22,241 | 22,878 | 269 |
| Phoenix-Mesa, AZ. | 77,874 | 82,677 | 90,309 | 9.2 | 25,329 | 26,013 | 27,564 | 120 | Washington, DC-MD-VA-WV* ...... | 170,533 | 182,212 | 198,156 | 8.8 | 35,871 | 37,588 | 40,046 | 12 |
| Pine Blufi, AR., | 1,575 | 1,606 | 1,670 | 4.0 | 18.619 | 19.080 | 19.826 | 309 | Waterloo-Cedar Falls, IA ............... | 2,966 | 2.946 | 3.116 | 5.8 | 23,216 | 23,053 | 24,373 | 218 |
| Pittsburgh, PA | 66,086 | 68,840 | 72,206 | 4.9 | 27.806 | 29,096 | 30,644 | 65 | Wausau, WI.............................. | 3.088 | 3,209 | 3,381 | 5.3 | 24,782 | 25.591 | 26,860 | 137 |
| Pittsfield, MA (NECMA).................. | 3,726 | 3,817 | 4,051 | 6.1 | 27,445 | 28,226 | 30,054 | 69 | West Paim Beach-Boca Raton, FL... | 42,948 | 44,169 | 46,589 | 5.5 | 39,182 | 39,545 | 41,007 | 6 |
| Pocatello, 10......... | 1.469 | 1,523 | 1,597 | 4.9 | 19.629 | 20.162 | 21,141 | 300 | Wheeling, W-OH........................ | 3,324 | 3,382 | 3,541 | 4.7 | 21,368 | 21,926 | 23,170 | 260 |
| Portland, ME (NECMA)................ Portland-Vancouver OR-WA | 7,649 53,544 | 8,026 | 8,447 80.85 | 5.3 | 29,309 | 30.408 | 31,773 | 47 |  | 14,502 |  | 15,236 | 4.1 | 26,868 |  | 27,904 | 112 |
| Portland-Vancouver, OR-WA* <br> Providence-Warwick-Pawtucket, RI | 53,544 | 56,273 | 60,856 | 8.1 | 28,700 | 29.672 | 31,620 | 51 | Wichita Falls, TX | 3,252 | 3,341 | 3,537 | 5.9 | 23,143 | 23,746 | 25,208 | 187 |
| (NECMA) ............................... | 25,106 | 26,176 | 27.693 | 5.8 | 26.519 | 27,393 | 28.709 | 96 | Wililiamsport, PA | 2,563 | 2,632 | 2,788 | 5.9 | 21,257 | 21,904 | 23,252 | 257 |
| Provo-Orem, UT. | 6,142 | 6.551 | 7,089 | 8.2 | 17.380 | 18,114 | 19,128 | 310 | Wilmington-Newark, DE-MD*......... | 17,935 | 18,587 | 20.149 | 8.4 | 31,301 | 32,010 | 34,262 | 31 |
| Pueblo, co. | 2,861 | 2,985 | 3.146 | 5.4 | 20,780 | 21,291 | 22,174 | 286 | Wilmington, NC .......................... | 5,363 | 5.625 | 6.034 | 7.3 | 23,777 | 24,443 | 25,738 | 168 |
| Punta Gorda, FL | 3,253 | 3,331 | 3,511 | 5.4 | 23,638 | 23,751 | 24,650 | 203 | Yakima, WA ............................... | 4,551 | 4.593 | 4,906 | 6.8 | 20,709 | 20,730 | 22,022 | 287 |
| Racine, WI* | 5,076 | 5,209 | 5.470 | 5.0 | 27,042 | 27,654 | 28,949 | 91 | Yolo, CA*. | 4,049 | 4,341 | 4,589 | 5.7 | 25,035 | 26,265 | 27,038 | 132 |
| Raleigh-Durham-Chapei Hill, NC..... | 33,005 | 35,371 | 38.912 | 10.0 | 29,253 | 30,443 | 32,537 | 40 | York, PA. | 9,518 | 9.805 | 10,387 | 5.9 | 25,328 | 25,877 | 27,142 | 130 |
| Rapid City, SD .......................... | 2,100 | 2,209 | 2,340 | 5.9 | 24,056 | 25,090 | 26,361 | 152 | Youngstown-Warren, OH.............. | 13,592 | 13,926 | 14,356 | 3.1 | 22,649 | 23,312 | 24,173 | 225 |
| Reading, PA............................. | 9,620 | 9,934 | 10.509 | 5.8 | 26,208 | 26,781 | 28,078 | 107 | Yuba City, CA............................. | 2,717 | 2,983 | 3,158 | 5.9 | 19,828 | 21,600 | 22,624 | 277 |
| Redding, CA ................................ | 3,605 | 3,781 | 4,032 | 6.6 | 22,247 | 23,339 | 24.606 | 206 | Yuma, AZ | 2,445 | 2,491 | 2,578 | 3.5 | 16,404 | 16,004 | 16,002 | 315 |

1. Per capita personal income was computed using Census Bureau midyear population estimates. Estimates 1. Per capita personal income was computed using Census Bureau midye
for $1998-2000$ reflect county population estimates available as of April 2002

## 2. Percent change calculated from unrounded data.

3. The personal income level shown for the United States is derived as the sum of the county estimates. It differs from the estimate of personal income in the national income and product accounts (NIPA's) because of of source data. In particular, it differs from the NIPA estumate because by definition, it omits the earnings o

Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms.
4. Includes Metropolitan Statistical Areas, Primary Metropolitan Statistical Areas (PMSA's designated by *), and New England County Metropolitan Areas (NECMA's). The New Haven-Bridgeport-Stamford-Danbury-Wate
Source: Table 1 in "Local Area Personal Income, 1998-2000" in the May 2002 issue of the Surver of Current

## L. Charts

## SELECTED REGIONAL ESTIMATES



AVERAGE ANNUAL GROWTH RATE OF PERSONAL INCOME, 1991-2001


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## SELECTED REGIONAL ESTIMATES


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## Appendix A

## Additional Information About the NIPA Estimates

## Statistical Conventions

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

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

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

In addition, BEA prepares measures of real GDP and its components in a dollar-denominated form, designated "chained (1996) dollar estimates." These estimates are computed by multiplying the 1996 current-dollar value of GDP, or of a GDP component, by the corresponding quantity index number. For example, if a cur-rent-dollar GDP component equaled $\$ 100$ in 1996 and if real output for this component increased by 10 percent in 1997, then the "chained (1996) dollar" value of this com-

[^25]ponent in 1997 would be $\$ 110(\$ 100 \times 1.10)$. Note that percentage changes in the chained (1996) dollar estimates and the percentage changes calculated from the quantity indexes are identical, except for small differences due to rounding.

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

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

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

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

$$
r=\left[\left(\frac{x_{t}}{x_{o}}\right)^{m / n}-1\right] \times 100
$$

where $r$ is the percent change at an annual rate; $x_{t}$ is the level of activity in the later period; $x_{0}$ is the level of activity in the earlier period; $m$ is the periodicity of the data (for example, 1 for annual data, 4 for quarterly, or 12 for monthly); and $n$ is the number of periods between the earlier and later periods (that is, $t-0$ ).

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]

|  | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2001 |  |  | 2002 |  |  |
|  |  |  | II | III | IV | 1 | II | 1110 |
| BEA-derived compensation per hour of all persons in the nonfarm business sector (less housing) | 7.0 | 2.7 | 0.1 | 1.0 | 1.5 | 2.9 | 3.9 | 4.8 |
| Less: Contribution of supplements to wages and salaries per hour ............................. | -0.1 | 0.3 | 0.1 | 0.1 | 0.1 | 1.4 | 0.7 | 0.6 |
| Plus. Contribution of wages and salaries per hour of persons in housing and in nonprofit institutions $\qquad$ | -0.3 | 0.0 | 0.0 | 0.0 | -0.5 | 0.2 | -0.1 | 0.1 |
| Less: Contribution of wages and salaries per hour of persons in government enterprises, unpaid family workers, and self-employed $\qquad$ | 0.0 | 0.0 | 0.0 | -0.4 | 0.2 | 0.0 | 0.0 | -0.1 |
| Equals. BEA-derived wayes and salaries per hour of all employees in the private nonfarm sector $\qquad$ | 6.8 | 2.5 | 0.0 | 1.3 | 0.7 | 1.8 | 3.1 | 4.4 |
| Less. Contribution of wages and salaries per hour of nonproduction workers in manufacturing $\qquad$ | -0.1 | -0.1 | 0.4 | 0.0 | 0.2 | -0.2 | 0.0 | 0.2 |
| Less: Other differences ${ }^{2}$.................................................................................... | 3.1 | -1.5 | -4.2 | -2.5 | -3.2 | -1.0 | 0.6 | 1.1 |
| Equals. BLS average hourly earnings of production or nonsupervisory workers on private nonfarm payrolls $\qquad$ | 3.8 | 4.1 | 3.8 | 3.8 | 3.8 | 3.0 | 2.5 | 3.1 |
| Addendum: <br> BLS estimates of compensation per hour in the nonfarm business sector ${ }^{3}$ $\qquad$ | 7.0 | 2.7 | 0.1 | 1.0 | 1.5 | 3.6 | 3.7 | .............. |

## - Preliminary

1. Includes BLS data on compensation and hours of noniarm proprietors and hours worked of unpaid family workers.
also include differences in BEA and BLS benchmark procedures; quarterly estimates also include ifferences in seasonal adiustment procedures.
2. Includes BEA use of non-BLS data and differences in detailed weighting. Annual estimates
3. These estimates differ from the BEA-derived estimates (first line) because the BLS estimates include compensation and hours of tenant-occupied housing. BLS Bureau of Labor Statistics

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

|  | Line | 2000 | 2001 | Seasonally adjusted at annual rates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 2001 |  |  |  | 2002 |  |
|  |  |  |  | 1 | II | III | IV | 1 | II |
| Exports of goods and services and income receipts, ITA's....................................... | 1 | 1,417.2 | 1,281.8 | 1,396.2 | 1,326.4 | 1,237.9 | 1,166.7 | 1,165.4 | 1,217.4 |
| Less: Gold, ITA's ............................................................................................... | 2 | 6.0 | 4.9 | 6.7 | 7.6 | 2.4 | 2.9 | 2.5 | 3.7 |
| Statistical differences ................................................................................. | 3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.4 |
| Other items.............................................................................................. | 4 | 1.2 | 1.0 | 1.2 | 1.1 | 1.0 | 0.8 | 0.9 | 0.9 |
| Plus: Adjustment for grossing of parent/affiliate interest payments $\qquad$ | 5 6 | 6.5 46.9 | 6.2 50.7 | 6.2 50.8 | 6.4 49.6 | 6.0 49.3 | 5.9 53.3 | 4.6 56.6 | 5.2 |
| Adjustment for U.S. territories and Puerto Rico $\qquad$ Services furnished without payment by financial intermediaries except life | 6 | 46.9 | 50.7 | 50.8 | 49.6 | 49.3 | 53.3 | 56.6 | 56.6 |
| insurance carriers .................................................................................. | 7 | 21.1 | 18.3 | 19.0 | 18.4 | 18.0 | 17.8 | 18.6 | 19.8 |
| Equals: Exports of goods and services and income receipls, NIPA's .......................... | 8 | 1,484.5 | 1,351.1 | 1,464.3 | 1,392.2 | 1,307.8 | 1,240.0 | 1,242.2 | 1,294.1 |
| Imports of goods and services and income payments, ITA's..................................... | 9 | 1,774.1 | 1,625.7 | 1,780.6 | 1,675.7 | 1,553.8 | 1,492.7 | 1,551.1 | 1,685.0 |
| Less: Gold, ITA's ................................................................................................ | 10 | 5.9 | 4.3 | 6.1 | 6.5 | 2.2 | 2.4 | 2.0 | 3.5 |
| Statistical differences ................................................................................................................................... | 11 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -1.2 | 0.4 |
| Other items............................................................................................... | 12 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Plus: Gold, NIPA's ............................................................................................. | 13 | -3.2 | -3.4 | -3.3 | -3.5 | -3.6 | -3.3 | -3.3 | -3.6 |
| Adjustment for grossing of parent/affiliate interest payments ............................. | 14 | 6.5 | 6.2 | 6.2 | 6.4 | 6.0 | 5.9 | 4.6 | 5.2 |
| Adjustment for U.S. territories and Puerto Rico ............................................... | 15 | 34.0 | 35.6 | 30.7 | 36.1 | 36.9 | 38.6 | 30.1 | 37.2 |
| Imputed interest paid to rest of world ............................................................ | 16 | 21.1 | 18.3 | 19.0 | 18.4 | 18.0 | 17.8 | 18.6 | 19.8 |
| Equals: Imports of goods and services and income payments, NIPA's....................... | 17 | 1,826.6 | 1,678.0 | 1,827.1 | 1,726.7 | 1,608.9 | 1,549.3 | 1,600.4 | 1,739.8 |
| Balance on goods and services and income, ITA's (1-9) ......................................... | 18 | -356.9 | -343.9 | -384.4 | -349.3 | -315.9 | -326.0 | -385.7 | -467.6 |
| Less: Gold ( $2-10+13$ ) | 19 | -3.1 | -2.8 | -2.7 | -2.4 | -3.4 | -2.8 | -2.8 | -3.4 |
| Statistical differences (3-11) | 20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 |
| Other items (4-12)................................................................................... | 21 | 1.2 | 1.0 | 1.2 | 1.1 | 1.0 | 0.8 | 0.9 | 0.9 |
| Plus: Adjustment for U.S. territories and Puerto Rico (6-15) ...................................... | 22 | 12.9 | 15.1 | 20.1 | 13.5 | 12.4 | 14.7 | 26.5 | 19.4 |
| Equals: Net exports of goods and services and net receipts of income, NIPA's (8-17) | 23 | -342.1 | -326.9 | -362.8 | -334.5 | -301.1 | -309.3 | -358.2 | -445.7 |
| 1. Consists of statistical revisions in the NIPA's that have not yet been incorporated into the ITA's (2002:II) and statistical revisions in the ITA's that have not yet been incorporated into the NIPA's (2002:1-2002:11). |  | TTA's Inter NIPA's Nat | tional tran nal incom | ctions ace and product | unts accounts |  |  |  |  |

## Appendix B Suggested Reading

The Bureau of Economic Analysis (BEA) has published a wealth of information about the methodologies that are used to prepare its national, industry, international, and regional accounts. In addition, most of this information is available on BEA's Web site at <www.bea.gov>. Look under "Methodologies"; for articles from the Survey of Current Business, look under "Publications."

## National accounts

The national accounts encompass the detailed estimates in the national income and product accounts (including gross domestic product) and the estimates of wealth and related estimates.

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

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

Corporate Profits: Profits Before Tax, Profits Tax Liability, and Dividends (1985) [An updated version (March 2002) is available on BEA's Web site.]
Foreign Transactions (1987)
GNP: An Overview of Source Data and Estimating Methods (1987)
Government Transactions (1988)
Personal Consumption Expenditures (1990)
The methodologies described in these papers have been updated and improved, typically as part of the comprehensive and annual revisions of the NIPA's. For more information, see the following.

National Income and Product Accounts of the United States, 1929-97 (2001) provides the definitions of the major NIPA aggregates and components, discusses the measures of real output and prices, explains how production is classified and how the NIPA's are presented, describes the statistical conventions that are used, and lists the principal source data and methods that are used to prepare the estimates of gross domestic product (GDP). [Go to <www.bea.gov/bea/an/nipaguid.htm>.]

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

In addition, see the following articles in the Survey.
"Updated Summary NIPA Methodologies" (October 2002) briefly describes the principal source data and methods used to prepare the currentdollar and real estimates of GDP.
"Annual Revision of the National Income and Product Accounts" (August 2002).
"BEA's Chain Indexes, Time Series, and Measures of Long-Term Economic Growth" (May 1997) is the most recent in a series of articles that describe the conceptual basis for the chain-type measures of real output and prices that are used in the NIPA's.
"Reliability of GDP and Related NIPA Estimates" (January 2002) evaluates the principal NIPA estimates by examining the record of revisions to them.
Wealth and related estimates. Fixed Reproducible Tangible Wealth in the United States, 1925-94 (1999) discusses the concepts and statistical considerations that underlie the estimates and their derivation.
"Fixed Assets and Consumer Durable Goods for 1925-98" (April 2000) describes the definitional and statistical improvements that were incorporated in the comprehensive revision of the estimates.

## Industry accounts

The industry accounts consist of the estimates of gross domestic product by industry, the input-output accounts, and two satellite accounts.

Gross product by industry. "Improved Estimates of Gross Product by Industry for 1947-98" (June 2000) describes the most recent comprehensive revision of these estimates.

## Mission Statement and Strategic Plan

The mission statement of the Bureau of Economic Analysis and the latest update to its strategic plan for improving the accuracy, reliability, and relevance of the national, industry, regional, and international accounts are available on BEA's Web site at <www.bea.gov>. See also "BEA's Strategic Plan for 2001-2005" in the May 2002 issue of the Survey of Current Business.
"Gross Domestic Product by Industry for 1998-2000" (November 2001) describes the most recent annual revision of the these estimates.

Input-output accounts. "Benchmark Input-Output Accounts for the U.S. Economy, 1992" (November 1997) describes the preparation of the 1992 accounts and the concepts and methods that underlie the accounts.
"Annual Input-Output Accounts of the U.S. Economy" presents annual tables that update the 1992 benchmark accounts

For 1996 (January 2000)
For 1997 (January 2001)
For 1998 (December 2001)
Satellite accounts. These accounts extend the analytical capacity of the input-output accounts by focusing on a particular aspect of economic activity.
"U.S. Transportation Satellite Accounts"
For 1992 (April 1998)
For 1996 (May 2000)
"U.S. Travel and Tourism Satellite Accounts"
For 1992 (July 1998)
For 1996 and 1997 (July 2000)

## International accounts

The international accounts encompass the international transactions accounts, direct investment, and international transactions in services.

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

The annual revisions of the ITA's are described in a series of articles, the latest of which is published in the July 2002 Survey.

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

The "Methodology for U.S. Direct Investment
Abroad," which is also available in U.S. Direct Investment Abroad: 1994 Benchmark Survey, Final

Results (1998)
"A Guide to BEA Statistics on U.S. Multinational Companies," which is also available in the March 1995 Survey
"A Guide to BEA Statistics on Foreign Direct Investment in the United States," which is also available in the February 1990 Surver
In addition, the updated methodology for foreign direct investment in the United States is available in Foreign Direct Investment in the United States: Final Results From the 1997 Benchmark Survey (2001)

International services. U.S. International Transactions in Private Services: A Guide to the Surveys Conducted by the Bureau of Economic Analysis (1998) describes 11 surveys. It includes classifications, definitions, release schedules, the methods used to prepare the estimates, and samples of the survey forms.
"Selected Issues in the Measurement of U.S. International Services" (June 2002) describes key issues in defining and measuring insurance, wholesale and retail trade, finance, construction, and utilities services and explores possible actions to address these issues.

## Regional accounts

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

Personal income. Estimates of personal income are prepared for States and for local areas.
"Comprehensive Revision of State Personal Income for 1969-99" (June 2000) summarizes the changes in the methodology that is used to prepare the estimates. The detailed methodology is available on the CD-ROM State Personal Income, 1929-2000.
"Comprehensive Revision of Local Area Personal Income for 1969-98" (July 2000) summarizes the changes in the methodology that is used to prepare the estimates for counties and metropolitan areas. The detailed methodology is available on the CD-ROM Regional Economic Information System, 1969-2000.

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


## Schedule of Upcoming BEA News Releases

| Gross Domestic Product by Industry, 1999-2001 | Nov. 14 | 10:00 a.m |
| :---: | :---: | :---: |
| U.S. International Trade in Goods and Services, September 2002* | Nov. 19 | 8:30 a.m. |
| Gross Domestic Product, 3rd quarter 2002 (preliminary) and |  |  |
| Corporate Profits, 3rd quarter 2002 (preliminary) | Nov. 26 | 8:30 a.m. |
| Personal Income and Outlays, October 2002 | Nov. 27 | 8:30 a.m. |
| U.S. International Transactions, 3rd quarter 2002 | Dec. 12 | 8:30 a.m. |
| U.S. International Trade in Goods and Services, October 2002* | Dec. 18 | 8:30 a.m. |
| Gross Domestic Product, 3rd quarter 2002 (final) and |  |  |
| Corporate Profits, 3rd quarter 2002 (revised) | Dec. 20 | 8:30 a.m. |
| Personal Income and Outlays, November 2002 | .... Dec. 23 | 8:30 a.m. |
| U.S. International Trade in Goods and Services, November 2002* | . Jan. 17 | 8:30 a.m. |
| State Personal Income, 3rd quarter 2002 .... | ...Jan. 24 | 9:00 a.m. |
| Gross Domestic Product, 4th quarter 2002 (advance) | Jan. 30 | 8:30 a.m. |
| Personal Income and Outlays, December 2002 | . Jan. 31 | 8:30 a.m. |
| U.S. International Trade in Goods and Services, December 2002* | Feb. 20 | 8:30 a.m. |
| Gross Domestic Product, 4th quarter 2002 (preliminary)... | Feb. 28 | 8:30 a.m. |

[^26]
[^0]:    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 these published estimates. Percent changes are calculated from unrounded data and annualized. "Real" estimates are in chained (1996) dollars, and price indexes are chain-type measures.
    2. In this article, "consumer spending" is shorthand for the NIPA series "personal consumption expenditures," "government spending" is shorthand for "government consumption expenditures and gross investment," and "inventory investment" is shorthand for "change in private inventories."
[^1]:    1. Annual and quarterly estimates of personal income are published monthly in table 2.1 of the national income and product accounts (NIPA's) in the section "BEA Current and Historical Data" of the Survey of Current Business (monthly estimates are shown in table B.1). 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 8.28, most recently for 1998-2000 on page 21 of the September 2002 Surver. All the estimates are available on BEA's Web site at <www.bea.gov>. The reconciliation by type of income for 1959-98 is available on request; for information, write to the Government Division (BE-57), Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230.
[^2]:    2. See U.S. Bureau of Economic Analysis, National Income and Product Accounts of the United States, 1929-97: Volume 1 (Washington, DC: U.S. Government Printing Office, September 2001): M-8.
    3. Other adjustments include student-loan interest deduction, medical savings account deduction, moving expenses, self-employed health insurance deduction, penalty on early withdrawal of savings, forestation or reforestation expenses, foreign housing exclusion, repayments of supplemental unemployment compensation, certain expenses of qualified performing artists, contributions to section 501 (c)(18) pension plans, deduction for clean-fuel vehicles, employee business expenses of fee-basis State or local government officials, certain chaplains' contributions to section 403(b) plans, and jury duty pay that was repaid to employers and reported as taxable income. On the IRS form 1040 for 2000 , the types of income that had to be reported for the calculation of gross income are shown in lines 7 through 21, and allowable adjustments are shown in lines 23 through 32.
[^3]:    4. See Eugene P. Seskin and Stephanie H. McCulla, "Annual Revision of the National Income and Product Accounts: Annual Estimates, 1999-2001 and Quarterly Estimates, 1999:I-2002:I," Surver 82 (August 2002): 7-34. For AGI data, see Internal Revenue Service, Statistics of Income Bulletin (Washington, DC: U.S. Government Printing Office, Winter 2001-2002).
[^4]:    See the footnotes at the end of table 2 .

[^5]:    10. Although some individuals who are not required to file tax returns do so mostly to secure refunds of withheld income tax or to receive refunds from earned income tax credit or child tax credit, income earned by low-income individuals who are not required to file returns is probably the largest known missing reconciliation item. The filing requirements are generally based on gross income, filing status, marital status, age, and to a lesser extent, on dependency and blindness.
    11. The estimates of personal income are mainly based on source data from the payers of the income. AGI data are used only for the estimates of nonfarm sole proprietors' income and royalty payments in rental income of persons. For these components, BEA adjusts for misreporting of tax return information by taxpayers. Thus, the AGI gap for these components largely reflects the explicit misreporting adjustments (line 32 in tables 1 and 2) added to the source data. See "Updated Summary NIPA Methodologies," Surver 82 (October 2002): 29-32 and the text on the CD-ROM State Personal Income, 1929-2000. Information on methodology is also available on BEA's Web site.
[^6]:    AGI Adjusted gross income RS Internal Revenue Service

[^7]:    1. For the previously published estimates, see Sherlene K.S. Lum and Brian C. Moyer, "Gross Domestic Product by Industry for 1998-2000," Survey of Current Business 81 (November 2001): 17-33.
    2. See Eugene P. Seskin and Stephanie H. McCulla, "Annual Revision of the National Income and Product Accounts," Survey 82 (August 2002): 7-34.
[^8]:    3. 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.
[^9]:    4. Real GDP by industry is computed using the double-deflation method in which separate estimates of real gross output and intermediate inputs combine in a Fisher chain-type quantity-index-number formula. For more information, see the box "Computation of the Chain-Type Quantity Indexes for Double-Deflated Industries" in Robert E. Yuskavage, "Improved Estimates of Gross Product by Industry, 1959-94," Survey 76 (August 1996): 142.
[^10]:    5. An industry's contribution to real GDP growth is the product of its share of current-dollar GDP and its real GDP-by-industry growth rate. For more information, see the box "Using Chained-Dollar Estimates for Computing Contributions to Economic Growth: A Cautionary Note" in Sherlene K.S. Lum and Brian C. Moyer, "Gross Product by Industry, 1995-97," Surver 78 (November 1998): 24-25.
[^11]:    6. Proprietors' income is included in property-type income as a capital share of production, but an unknown portion of proprietors' income represents a labor share of production. Indirect business tax and nontax liability (primarily sales, property, and excise taxes) is not included in property-type income, because it is the part of the pretax return to capital that accrues to government rather than to business.
    7. For some purposes, using the shares of gross output is preferable to using the shares of GDP by industry-for example, when analyzing an industry's use of labor, capital, and intermediate inputs.
[^12]:    10. Offsetting revisions were made to the statistical discrepancy.
[^13]:    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. In this article, all values are expressed in U.S. dollars.
    2. For this year's reconciliation, the U.S. deficit for 2000 is revised from the previously published deficit of $\$ 30.7$ billion used in last year's reconciliation, and the Canadian surplus for 2000 is revised from the previously published surplus of $\$ 42.6$ billion used in last year's reconciliation.
[^14]:    1. Not meaningut
[^15]:    See footnotes at the end of table.

[^16]:    See footnotes at the end of table.

[^17]:    See footnotes at the end of table.

[^18]:    Note. The personal income level shown for the United States is derived as the sum of the State estimates. It differs from the

[^19]:    Because of rapid changes in relative prices, the chained-colar estimates for computers are especially misleading as a measure of the contribution or relative importance of this component.
    Note. Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100 . Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. For exports and for imports, the residual line is the difference between the aggregate line and the sum of the most detailed lines.
    Contributions to the percent change in real exports and in real imports of goods and services are shown in table
    See footnotes to table 4.3

[^20]:    and the differences in source data used to estimate real GDP by industry and the expenditures measure of real .
    Note. Estimates are based on the 1987 Standard Industrial Classification. The table is derived from tables 1 and 6 in "Gross Domestic Product by Industry for 1998-2000" in the November 2001 Survey. This table corrects errors in the current-dollar estimates for total "Services" for 1998-2000 that were in table 1.

[^21]:    4. Consists of museums, botanical and zoological gardens, engineering and management services; and ervices, not elsewhere classified.
    5. Includes estimates of foreign professional workers and undocumented Mexican migratory workers employed temporarily in the United States.
    Nore. Estimates in this table are based on the 1987 Standard Industrial Classification (SIC).
[^22]:    See footnotes on page 0-57.

[^23]:    D Suppressed to avoid disclosure of data of individual companies.
    Note. The data in this table are from the 1999 Benchmark Survey of U.S. Direct Investment Abroad; see "Operations of

[^24]:    See footnotes at the end of table.

[^25]:    1. In addition, because the changes in quantities and prices calculated using these weights are symmetric, the product of a quantity index and the corresponding price index is generally equal to the current-dollar index.
[^26]:    * Joint release by the Bureau of the Census and the Bureau of Economic Analysis (BEA)

    For more information, call BEA at 202-606-9900, or go to our Web site at www.bea.gov

