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GDP by Industry for 1998-2000

## U.S.-Canadian Current-Account Reconciliation

U.S. International Services, 1999-2000

State Personal Income, 2001:II

# Survey of Current Business 

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U.S. International Trade in Goods and Services (October 19), Gross Domestic Product, (October 31), and
Personal Income and Outlays (November 1).

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## Regular features

## - Business Situation

U.S. production decreased in the third quarter of 2001 after four quarters of subpar growth. Exports and nonresidential fixed investment declined sharply for the second consecutive quarter, and consumer spending and State and local government spending increased much less in the third quarter than in the second. Prices paid by U.S. residents decreased in the third quarter. The third-quarter estimates of production and prices reflect the economic effects of the September 11th terrorist attacks (see the box on pages 2 and 3 ).

## 9 Comparison of BEA Estimates of Personal Income and IRS Estimates of Adjusted Gross Income, 1998-99

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.

17 Gross Domestic Product by Industry for 1998-2000
In 2000, real GDP growth for private industries slowed, but that for government picked up. Among the private industries, growth slowed for manufacturing, for construction, for transportation and public utilities, and for mining. Growth for information technology-related industries remained strong. The new estimates for 2000 and the revised estimates for 1998 and 1999 incorporate the results of this year's annual revision of the NIPA's and newly available source data.

34 Reconciliation of the U.S.-Canadian Current Account, 1999 and 2000
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 1999, the deficit on the reconciled basis is $\$ 19.1$ billion, compared with the U.S.-published deficit of $\$ 14.7$ billion. For 2000, the reconciled deficit is $\$ 39.6$ billion, compared with the published deficit of $\$ 30.7$ billion.

49 U.S. International Services: Cross-Border Trade in 2000 and Sales Through Affiliates in 1999

In 2000, U.S. cross-border exports of private services increased 9 percent, to $\$ 278.6$ billion, and U.S. cross-border imports of these services increased 16 percent, to $\$ 200.6$ billion. As a result, the U.S. surplus on cross-border trade in services decreased $\$ 3.2$ billion, to $\$ 78.0$ billion. In 1999 , the most recent year for which the data are available, sales of private services abroad through foreign affiliates of U.S. companies were $\$ 338.4$ billion, and sales of these services in the United States through U.S. affiliates of foreign companies were $\$ 289.3$ billion.

## 97 Personal Income by State, Second Quarter 2001

Reflecting the slowdown in the growth in personal income for the Nation, the growth in personal income slowed in 40 States in the second quarter of 2001. By State, personal income grew the fastest in Nevada, New Mexico, California, and Florida, and it grew the slowest in North Dakota, Iowa, and West Virginia.

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## Looking Ahead

BEA's Strategic Plan. BEA will publish its preliminary Strategic Plan for 20012005 in the December Survey. This plan, which has been developed over the past year, will present the overall goals that will guide BEA's future and the detailed activities and milestones that BEA will undertake to achieve those goals.

Evaluation of the GDP Estimates. An article that presents the results of a periodic evaluation of BEA's estimates of GDP, gross domestic income, and their components will be published in the December Survey. The article will examine the record of revisions to the annual and quarterly estimates in order to assess the reliability of these estimates.

Annual Input-Output Accounts. The 1998 annual input-output (I-O) accounts will be released on December 12, 2001, and an article presenting these accounts will be published in the December Survey. These accounts provide a detailed picture of how 97 industries and commodities interact to provide input to, and take output from, each other.

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

This article was prepared by Daniel Larkins, Ralph W. Morris, and Eugene P. Seskin, assisted by Frederick von Batchelder.

$R$eal gross domestic product (GDP) decreased 0.4 percent in the third quarter of 2001 (table 1 and chart 1$).{ }^{1}$ The decrease follows four quarters of subpar growth. It is the first decrease since a 0.1 -percent dip in the first quarter of 1993 and the largest since a 2.0 -percent decrease 2 years earlier.

The "advance" estimates of the national income and product accounts (NIPA's) -which reflect the economic effects of the terrorist attacks of September 11, 2001 (see the box on pages 2 and 3)-also show the following:

- The small drop in GDP reflected declines in exports, nonresidential fixed investment, and

1. Quarterly estimates in the NIPA's are expressed at seasonally adjusted annual rates. Quarter-to-quarter dollar changes are the differences between the published estimates. Quarter-to-quarter percent changes are annualized and are calculated from unrounded data unless otherwise specified.
Real estimates are calculated using a chain-type Fisher formula with annual weights for all years and quarterly weights for all quarters; real estimates are expressed both as index numbers ( $1996=100$ ) and as chained (1996) dollars Price indexes (1996=100) are also calculated using a chain-type Fisher formula.

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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Leve! | Change from preceding quarter |  |  |  |  |  |  |  |
|  | 2001 | 2000 | 2001 |  |  | 2000 | 2001 |  |  |
|  | III | IV | 1 | II | III | IV | I | 11 | III |
| Gross domestic product ....................... | 9,333.4 | 43.8 | 30.6 | 7.2 | -8.3 | 1.9 | 1.3 | 0.3 | -0.4 |
| Less: Exports of goods and services....... | $\begin{aligned} & 1,059.0 \\ & 1,454.0 \end{aligned}$ | -11.8 -2.1 | -3.4 -19.9 | -35.8 -3.6 | -49.3 -61.0 | -4.0 -0.5 | -1.2 -5.0 | -11.9 -8.4 | -16.6 -15.2 |
| Plus: Imports of goods and services....... | $1,454.0$ | -2.1 | -19.9 | -33.6 | -61.0 | -0.5 | -5.0 | -8.4 | -15.2 |
| Equals: Gross domestic purchases. | 9,704.5 | 52.9 | 16.0 | 10.0 | -15.9 | 2.2 | 0.7 | 0.4 | -0.7 |
| Less: Change in private inventories.... | -50.4 | -8.9 | -69.9 | -11.2 | -12.1 | ........ | ...... | ......... | ......... |
| Equals: Final sales to domestic purchasers. $\qquad$ | 9,736.6 | 64.6 | 76.7 | 19.9 | -7.1 | 2.7 | 3.2 | 0.8 | -0.3 |
| Personal consumption expenditures .... | 6,447.8 942.0 | 49.0 -4.7 | 47.4 23 | 39.9 | 19.4 3 | -3.1 | 3.0 10.6 | 2.5 | 1.2 |
| Durable goods...... | 982.0 $1,882.1$ | -4.7 2.7 | 23.0 11.2 | $\begin{array}{r}15.7 \\ 1.4 \\ \hline\end{array}$ | 3.9 | -2.1 0.6 | 10.6 2.4 | 7.0 0.3 | 1.7 |
| Services .............. | 3,642.6 | 48.6 | 16.3 | 24.7 | 12.8 | 5.6 | 1.8 | 2.8 | 1.4 |
| Private fixed investment ..................... | 1,659.5 | 2.0 | 8.2 | -43.9 | -36.9 | 0.5 | 1.9 | -9.7 | -8.4 |
| Nonresidentiai ................................ | 1,279.8 | 3.4 | -0.6 | -53.0 | -41.1 | 1.0 | -0.2 | -14.6 | -11.9 |
| Structures .. | 273.3 | 5.1 | 8.4 | -9.4 | -9.0 | 7.6 | 12.3 | -12.2 | -12.1 |
| Equipment and software.............. | 1,011.0 | -3.0 | $-11.6$ | -44.5 | -32.2 | -1.1 | -4.1 | -15.4 | -11.8 |
| Residential ................................. | 380.0 | -1.0 | 7.6 | 5.4 | 1.7 | -1.1 | 8.5 | 5.9 | 1.9 |
| Government consumption |  |  |  |  |  |  |  |  |  |
| expenditures and gross investment.. | 1,630.1 | 12.8 | 20.6 | 19.6 | 7.1 | 3.3 | 5.3 | 5.0 | 1.8 |
| Federal ...................................... | 561.0 | 6.1 | 4.3 | 2.5 | 6.3 | 4.6 | 3.2 | 1.8 | 4.6 |
| National defense... | 366.8 | 8.7 | 6.5 | 2.1 | 4.4 | 10.5 | 7.5 | 2.3 | 5.0 |
| Nondefense .............................. | 194.1 | -2.5 | -2.2 | 0.5 | 1.8 | -5.1 | -4.3 | 0.9 | 3.9 |
| State and local.............................. | 1,068.4 | 6.7 | 16.2 | 16.9 | 1.0 | 2.7 | 6.4 | 6.6 | 0.4 |
| Addendum: Final sales of domestic product. | 9,365.2 | 55.4 | 91.1 | 17.0 | 0.4 | 2.4 | 4.0 | 0.7 | 0 |

Nore--Chained (1996) dollar series are carculated 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 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. Percent changes are calculated on page $0-2$ in this issue.)
inventory investment that were partly offset by increases in consumer spending and government spending (table 2). ${ }^{2}$ Imports, which are subtracted in the calculation of GDP, decreased sharply.

- The swing from positive to negative growth in GDP mainly reflected decelerations in consumer spending and in State and local government spending, a larger decrease in exports than in the second quarter, and a deceleration in residential investment. These negatives were partly offset by a smaller decrease in equipment and software than in the second quarter and an acceleration in Fed-

2. In the NIPA's, consumer spending is shown as personal consumption expenditures, government spending is shown as government consumption expenditures and gross investment, and inventory investment is shown as change in private inventories.

## CHART 1

## Selected Measures: Change From Preceding Quarter Percent




Note-Percent change at anmual rate from preceding quartior;
based on seasonatly adiusted estimstes.
U.S. Bureau of Economic Analysis
eral Government spending. In addition, imports decreased much more than in the second quarter.

- The production of goods decreased for the fourth consecutive quarter. The production of structures decreased after three increases. The production of services increased a little less than in the second quarter (table 3).
- Real gross domestic purchases-a measure of domestic demand for goods and services regardless of where they are produced-decreased 0.7
percent, its first decrease since a 3.0 -percent drop in the first quarter of $1991 .{ }^{3}$
- Inventories decreased for the third consecutive quarter, and they decreased at a somewhat faster rate than in the second quarter.

3. Gross domestic purchases is calculated as the sum of personal consumption expenditures, gross private domestic investment, and government consumption expenditures and gross investment; thus, gross domestic purchases includes imports of goods and services, which are subtracted in the calculation of GDP, and does not include exports of goods and services, which are added in the calculation of GDP.

## The Terrorist Attacks of September 11 ${ }^{\text {th }}$ as Reflected

The economic effects of the September $11^{\text {th }}$ terrorist attacks on the World Trade Center and the Pentagon are captured in the national income and product account (NIPA) estimates for the third quarter. Most of these effects are reflected in the regularly incorporated source data; for certain components, BEA prepares adjustments for the effects that are not captured in the source data. Because most of the effects are embedded in the source data and cannot be separately identified, BEA did not attempt to quantify the total impact of the attacks on gross domestic product (GDP) or on other major aggregates.
The main economic effects of the events of September $11^{\text {th }}$ captured in the NIPA's are the following:

- The reduction in real GDP growth for the third quarter reflected notable declines in consumer spending and in other components of GDP for September.'
- The property losses are captured by a sharp increase in the consumption of fixed capital and a corresponding decline in net domestic product-GDP less the consumption of fixed capital. These property losses had no immediate, direct effect on real GDP, which is a measure of the production of goods and services. ${ }^{2}$
- The payments by insurance companies to cover the property losses are expected to reduce corporate profits. (BEA's estimates of corporate profits for the third quarter will be released on November 30.)
- The decline in inflation, as measured by the gross domestic purchases price index, reflected a sharp reduction in the net premiums paid for insurance. In the NIPA's, insurance expenditures are defined as premiums net of benefits payable, and the large benefit payments resulting from the September $11^{\text {h }}$ attacks were treated as a reduction in the net price of insurance.
BEA prepared adjustments to certain components of GDP and gross domestic income (GDI). ${ }^{3}$ These adjustments primarily affected current-dollar estimates and price esti-

[^0]mates; their effects on the third-quarter estimates of real GDP and its components were small. The following paragraphs and table describe the quantitative effects of these adjustments on current-dollar GDP and prices and on GDI.

Current-dollar GDP and prices.--Under NIPA conventions, current-dollar expenditures for life insurance are based on the operating expenses of the insurer (including profits of stock life insurance companies), and current-dollar expenditures for other types of insurance are defined as premiums less benefits payable. Accordingly, within PCE for services, adjustments lowered the "expense of handling life insurance and pension plans" component of personal business services by $\$ 10.6$ billion, the workers' compensation component of health insurance (under medical care services) by $\$ 9.6$ billion, and the (motor vehicle) insurance component of user-operated transportation (under transportation services) by $\$ 0.3$ billion (annual rates). ${ }^{4}$ Within imports of services, an adjustment lowered "other private services" by $\$ 44.0$ billion to primarily reflect claims by domestic insurers for reinsurance policies with foreign insurers. Within State and local government consumption expenditures and gross investment, an adjustment lowered "other services" by $\$ 0.8$ billion to reflect insurance benefit payments to general government. The net effect of these adjustments was to lower current-dollar gross domestic purchases by $\$ 21.3$ billion and to raise current-dollar GDP by $\$ 22.7$ billion. BEA treated these adjustments to current-dollar GDP as changes in the corresponding implicit prices for insurance services, so real GDP was not affected. As a consequence, these adjustments for disaster-related insurance payments lowered both the PCE price index and the gross domestic purchases price index and raised the GDP price index. Excluding the insur-ance-related price effects for the third quarter, the PCE price index would have increased 0.8 percent, in contrast to the decrease of 0.4 percent; the gross domestic purchases price index would have increased 0.5 percent, in contrast to the decrease of 0.3 percent; and the GDP price index would have increased 1.2 percent, compared with the increase of 2.1 percent.

In addition, within PCE for services, several other adjustments were made that lowered spending on some compo-

[^1]- Final sales of domestic product-GDP less inventory investment-was flat, its weakest showing since a 1.1 -percent decrease in the first quarter of 1993.
- The price index for gross domestic purchases decreased 0.3 percent after increasing 1.3 percent. The downturn partly reflected the treatment of insurance benefits in the NIPA's.
- Real disposable personal income jumped 12.8 percent, and the personal saving rate surged from
1.1 percent to 3.8 percent. ${ }^{4}$ These movements reflected the taxpayer refunds mandated by the Economic Growth and Tax Relief Reconciliation Act of 2001.

[^2]
## in the National Income and Product Accounts

nents (motor vehicle rental, spectator sports, amusement parks) and raised spending on video cassette rentals; the net effect of these adjustments was to lower PCE for services by about $\$ 0.7$ billion. Within State and local government consumption expenditures and gross investment, an adjustment raised spending for wages paid to police and firefighters for overtime work by about $\$ 0.8$ billion. These adjustments did carry through to the estimates of real GDP, but their net effect was minimal.

Gross domestic income.-Under NIPA conventions, the consumption of fixed capital (CFC) is increased to reflect the catastrophic destruction of fixed assets owned by private business or by government enterprises. ${ }^{5}$ For fixed assets owned by general government (such as the Pentagon), no adjustments are made to CFC for catastrophic destruction, because CFC is included in government spending as a partial measure of the services of government capital. Instead, the destruction is recorded as a direct reduction in the stock of general government fixed assets. The approximate value of the assets that were destroyed is estimated at $\$ 14.0$ billion for private businesses and $\$ 1.5$ billion for State and local government enterprises. Therefore, CFC was increased by $\$ 62.1$ billion (annual rate) in the third quarter. The approximate value of the destroyed assets owned by general government was $\$ 0.7$ billion.

The third-quarter estimates of wages and salaries were also adjusted because the regular source data on employment, hours, and earnings from the Bureau of Labor Statistics monthly employment survey cover the mid-month pay period; thus for September, these data did not fully reflect the changes in the labor markets following the September $11^{\text {th }}$ attacks. BEA's adjustments to wages reflected decreased hours due to work interruptions, decreased employment due to layoffs, and increased hours due to overtime work. The net effect of these adjustments was to lower private wages and salaries by $\$ 3.3$ billion and, as already discussed, to raise State and local government wages and salaries by $\$ 0.8$ billion.
5. In July 2001, the Port Authority of New York leased the twin towers and other properties at the World Trade Center to two private corporations on a 99 -year lease. This lease was treated in the NIPA's as a sale of an existing asset, which raised the "net purchases of used structures" component of private fixed investment by $\$ 12.8$ billion (current dollars) and lowered the structures component of State and local government gross investment by the same amount; thus, the lease transaction offset and did not affect GDP.

The profits of insurance carriers will reflect the payment of insurance benefits associated with the attacks; very limited information suggests that these payments may amount to between $\$ 30$ billion and $\$ 40$ billion. ${ }^{6}$ In addition, the profits of other corporations, nonfarm proprietors' income, and the surplus of government enterprises would be reduced to reflect any uninsured losses, which, on the basis of currently available information, appear to be small. Finally, the profits of airlines will reflect the subsidies ( $\$ 20$ billion) received as part of the special airline bill passed by the Congress after the September $11^{\text {th }}$ attacks. (Within GDI, these subsidies are offset by "subsidies less current surplus of government enterprises.")
6. The benefit payments are recorded in the period in which the event occurs to reflect the full (expected) loss, regardless of when the payments are actually made.

Adjusiments to the NIPA's for the Impact of the September 11 ${ }^{\text {th }}$ Terrorist Attacks, 2001:III
[Bilions of dollars at annual rates]

|  | Adjustment |
| :---: | :---: |
| Product side: |  |
| Personal consumption expenditures ...................................................... | -21.2 |
| insurance.. | -20.5 |
| Motor vehicle insurance | -0.3 |
| Workers' compensation | $-9.6$ |
| Expense of handling life insurance and pension plans ......................... | -10.6 |
| Other services ............................................................................... | -0.7 |
| Net exports.................................................................................... | 44.0 |
| Imports of services ........................................................................ | -44.0 |
| Government consumption expenditures and gross investment. | 0 |
| State and local compensation .......................................................... | 0.8 |
| State and local general government insurance.............................................................. | -0.8 |
| Income side: |  |
| Wages and salaries | -2.5 |
| Private ........... | -3.3 |
| State and local government.............................................................. | 0.8 |
| Proprietors' income with IVA and CCAdj ................................................. | 0 |
| Consumption of fixed capital............................................................. | -2.2 |
| Insurance benefits received.................. | 2.2 |
| Corporate profits with IVA and CCAdj.. | -39.4 |
| Consumption of tixed capital............................................................. | -53.8 |
| insurance benefits received... | 53.8 |
| Benefits paid by insurance companies. | -83.4 |
| Payments received from foreign reinsurers ........................................., | 44.0 |
| Consumption of fixed capital, total ........................................................ | 62.1 |
| Private....................................................................................... | 56.0 |
| Government enterprises........ | 6.1 |
| Surplus of government enterprises ....................................................... | 0 |
| Consumption of fixed capital........................................................... | -6.1 |
| Insurance benefits received.............................................................. | 6.1 |
| IVA inventory valuation adjustment CCAdj Capital consumption adjustment |  |

Computers.-Real final sales of computers decreased 11.6 percent after decreasing 26.5 percent. Business purchases and exports decreased less than in the second quarter, and purchases by government turned up. Consumer purchases increased less than in the second quarter.

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

|  | 2000 | 2001 |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | N | 1 | 11 | III |
| Percent change at annual rate: Gross domestic product. | 1.9 | 1.3 | 0.3 | -0.4 |
| Percentage points at annual rates: |  |  |  |  |
| Personal consumption expenditures ............. | 2.14 | 2.05 | 1.72 | 0.83 |
| Durable goods................................... | -0.17 | 0.83 |  | 0.14 |
| Nondurable goods................................ | 0.12 | 0.49 | 0.06 | 0.12 |
| Services ....................................... | 2.19 | 0.73 | 1.1 | 0.58 |
| Gross private domestic investment.............. | -0.42 | -2.28 | -2.16 -174 | -1.82 |
| Fixed investment. | 0.09 | 0.33 | -1.74 | -1.45 |
| Nonresidential.................................. | 0.13 | -0.02 | -1.99 | -1.53 |
| Structures. | 0.24 | 0.39 | -0.44 | -0.42 |
| Equipment and sottware. | -0.11 | -0.41 | -1.55 | -1.11 |
| Residential .................................. | -0.05 | 0.35 | 0.25 | 0.08 |
| Change in private inventories ................. | -0.50 | -2.61 | -0.42 | -0.37 |
| Net exports of goods and services ............... | -0.39 | 0.63 | -0.12 | 0.32 |
| Exports........................................... | -0.46 | -0.13 | -1.37 | -1.87 |
| Goods. | -0.58 | -0.19 | -1.45 | -1.44 |
| Services. | 0.12 | 0.06 | 0.08 | -0.43 |
| Imports ............................................ | 0.07 | 0.76 | 1.25 | 2.19 |
| Goods.. | 0.07 | 0.87 | 1.21 | 1.53 |
| Services. | 0 | -0.11 | 0.05 | 0.66 |
| Government consumption expenditures and |  |  |  |  |
|  | 0.58 | 0.92 | 0.11 | ${ }_{0}^{0.32}$ |
| National defense............................... | 0.38 | 0.28 | 0.09 | 0.19 |
| Nondefense ................................... | -0.11 | -0.09 | 0.02 | 0.08 |
| State and local................................... | 0.31 | 0.73 | 0.76 | 0.05 |

Note.- 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 tables 8.3 through 8.6 .

Computer prices decreased more than in the second quarter. Software prices decreased after increasing slightly.

Motor vehicles.-Real motor vehicle output increased 5.1 percent after increasing 24.7 percent. Final sales of motor vehicles to domestic purchasers turned down, and inventories turned up.

Consumer purchases of new cars and new light trucks changed little after increasing slightly. Financial factors specific to motor vehicle purchases were generally favorable. Manufacturers continued to offer sales-incentive programs on some models, interest rates on new-car loans at commercial banks decreased for the third consecutive quarter, and prices of new motor vehicles decreased for the second consecutive quarter.

Business purchases of motor vehicles decreased sharply after a small decrease. Purchases of "other" trucks declined for the seventh consecutive quarter. ${ }^{5}$

Motor vehicle inventories increased after two substantial decreases. The inventory-sales ratio for new domestic autos, which is calculated from units data, increased to 2.3 in the third quarter from 2.1 in the second.
5. "Other" trucks have a gross vehicle weight of over 10,000 pounds; these
trucks range from medium-duty general delivery trucks to heavy-duty diesel tractor-trailers.

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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Level | Change from preceding quarter |  |  |  |  |  |  |  |
|  | 2001 | 2000 | 2001 |  |  | 2000 | 2001 |  |  |
|  | III | N | 1 | 11 | III | IV | 1 | 11 | III |
| Gross domestic product ........................................ | 9,333.4 | 43.8 | 30.6 | 7.2 | -8.3 | 1.9 | 1.3 | 0.3 | -0.4 |
| Goods <br> Services $\qquad$ | $3,647.5$ $4,877.4$ | $\begin{array}{r} -22.6 \\ 57.4 \end{array}$ | $\begin{array}{r} -24.1 \\ 26.2 \end{array}$ | $\begin{array}{r} -34.0 \\ 32.3 \end{array}$ | -24.7 29.0 -14 | $\begin{array}{r}1.9 \\ \hline 2.9 \\ \hline\end{array}$ | 1.3 -2.6 2.2 12.3 | $\begin{array}{r}-3.6 \\ 2.7 \\ \hline 2\end{array}$ | $\begin{array}{r}-2.7 \\ 2.4 \\ \hline\end{array}$ |
| Structures ........................................................ | 806.9 | 4.4 | 23.3 | 4.2 | -14.9 | 2.2 | 12.3 | 2.0 | -7.0 |
| Addenda: |  |  |  |  |  |  |  |  |  |
| Motor vehicle output............................................. | 340.2 | -19.1 | -15.0 | 18.0 | 4.1 | -20.0 | -16.9 | 24.7 | 5.1 |
| Gross domestic product less motor vehicle output. $\qquad$ | 8,992.8 | 61.3 | 44.2 | -9.1 | -12.1 | 2.8 | 2.0 | -0.4 | -0.5 |
| Final sales of computers. |  |  |  |  |  | 30.0 | 9.0 | -26.5 | -11.6 |
| less final sales of computers ........................................ |  | ............. |  |  |  | 1.6 | 1.2 | 0.6 | -0.3 |

Note--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

## Prices

The price index for gross domestic purchases, which measures the prices of goods and services purchased by U.S. residents, decreased 0.3 percent in the third quarter after increasing 1.3 percent in the second. Two factors were mainly responsible for the downturn.

- Consumer prices declined, reflecting the way insurance benefit payments associated with the September 11 terrorist attacks are treated in the NIPA's (see the box on pages 2 and 3). (Import prices declined for the same reason.) Excluding the
insurance-related price effects, the gross domestic purchases price index increased 0.5 percent.
- Energy prices dropped after increasing. Excluding food prices (which stepped up) and energy prices, the price index for gross domestic purchases increased 0.4 percent after increasing 0.9 percent (table 4 and chart 2).

Prices of personal consumption expenditures (PCE) decreased 0.4 percent after increasing 1.3 percent. (Excluding the insurance-related price effects, the PCE price index increased 0.8 percent.)

## Third-Quarter 2001 Advance GDP Estimate: Source Data and Assumptions

The "advance" GDP estimate for the third quarter is based on source data that are incomplete and subject to revision; as more and better data become available, the GDP estimate will be revised. The advance estimate is based on the following major source data. (The number of months for which data were available is shown in parentheses.)
Personal consumption expenditures: Sales of retail stores (3), 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) and single-family housing starts (3);
Change in private inventories: Trade and nondurable man-
ufacturing inventories (2), durable manufacturing inventories (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), State and local employment (3), and the employment cost index for the quarter;
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.doc.gov> and on STAT-USA's Web site at <www.stat-usa.gov>.

Table A.-Summary of Major Data Assumptions for Advance Estimates, 2001:III
[Billions of dollars, seasonally adjusted at annual rates]

|  |
| :--- |

[^3]PCE energy prices decreased sharply after increasing; prices of gasoline and oil dropped sharply after a sharp increase, and prices of electricity and gas decreased more than in the second quarter. Food prices increased more than in the second quarter; step-ups and upturns were widespread and more than offset downturns in the prices of beef and veal and of fresh fruits.

Prices paid by government were unchanged, as a slight increase in prices paid by the Federal Government was offset by a slight decrease in prices paid by State and local governments. In the second quarter, prices paid by government increased.

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

|  | 2000 | 2001 |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | IV | I | 11 | III |
| Gross domestic product ....... | 1.8 | 3.3 | 2.1 | 2.1 |
| Less: Exports of goods and services. Plus: Imports of goods and services. | 0.5 | $\begin{aligned} & -0.1 \\ & -3.0 \end{aligned}$ | $\left.\begin{gathered} -1.0 \\ -6.0 \end{gathered} \right\rvert\,$ | $\begin{array}{r} -1.4 \\ -17.4 \end{array}$ |
| Equals: Gross domestic purchases...... | 1.7 | 2.7 | 1.3 | -0.3 |
| Less: Change in private inventories ........................ | $\ldots$ | $\cdots$ | ..... | ........ |
| Equals: Final sales to domestic purchasers. | 1.8 | 2.6 | 1.3 | -0.3 |
| Personal consumption expenditures $\qquad$ Durable goods | 2.01 | 3.2 -0.7 | $\begin{array}{r}1.3 \\ -3.5 \\ \hline\end{array}$ | -0.4 -2.8 |
| Nondurable goods | 2.0 | 1.9 | 2.7 | -1.4 |
| Services... | 2.6 | 4.7 | 1.7 | 0.6 |
| Private fixed investment. | 0.8 | -0.4 | 0.6 | -0.1 |
| Nonresidential. | 0 | -1.9 | -0.1 | -0.4 |
| Structures. | 4.7 | 6.2 | 4.7 | 2.3 |
| Equipment and software.. | -1.5 | -4.6 | -1.9 | -1.4 |
| Residential. | 3.5 | 4.6 | 2.6 | 1.0 |
|  | 1.9 | 3.5 | 1.8 | 0 |
| Federal ................................................................ | 0.4 | 4.4 | 1.2 | 0.2 |
| National defense...................................... | 1.0 | 3.6 | 1.0 | 0.1 |
| Nondetense - ....................................... | -0.7 | 5.8 | 1.7 | 0.2 |
| State and local......................................... | 2.7 | 3.0 | 2.1 | -0.1 |
| Addenda: |  |  |  |  |
| Gross domestic purchases: |  |  |  |  |
| rood. | 1.6 | 4.1 | 2.6 | 3.7 |
| Energy............................................... | 11.3 | 9.3 2.3 | 6.9 0.9 | -21.0 |
| Personal consumption expenditures: |  |  |  |  |
| Food. | 1.6 | 4.0 |  |  |
| Energy goods and services ${ }^{1}$ <br> Less food and energy $\qquad$ | 10.5 1.5 | 11.7 2.6 | ${ }_{0} 9.2$ | -20.7 |

1. Consists of gasoline, fuel oil, and other energy goods and of electricity and gas. Note.- Percent changes in major aggregates are shown in NIPA table 8.1. Index numbers are shown in tables 7.1, 7.2, and 7.4.

Prices of private nonresidential fixed investment decreased 0.4 percent after decreasing 0.1 percent. Prices of computers and peripheral equipment decreased more than in the second quarter, and prices of industrial equipment were unchanged after increasing. In contrast, prices of transportation equipment increased after a small decrease.

The GDP price index, which measures the prices paid for goods and services produced in the United States, increased 2.1 percent, the same as in the second quarter. This index, unlike the price index for gross domestic purchases, excludes the prices of imports and includes the prices of exports. Import prices decreased much more than in the second quarter, mainly because of the insur-ance-related price effects; prices of imported goods decreased about as much as in the second quarter. Export prices decreased a little more than in the second quarter.

## CHART 2

Gross Domestic Purchases Prices: Change From Preceding Quarter Percent


## Personal Income

Real disposable personal income (DPI) increased 12.8 percent in the third quarter-the largest increase in more than 26 years-and current-dollar DPI increased 12.3 percent. ${ }^{6}$ These increases primarily reflected a sharp downturn in Federal personal tax payments as a result of the advance refund checks sent, beginning in July, to taxpayers under the Economic Growth and Tax Relief Reconciliation Act of 2001; the act also lowered income tax withholding rates. As a result of the sharp increase in DPI and the weak increase in personal outlays (largely PCE), the personal saving rate-saving as a percentage of current-dollar DPI-jumped to 3.8 percent from 1.1 percent.
6. DPI is personal income less personal tax and nontax payments. It is the income available to persons for spending or saving.

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

|  | Level | Change from preceding quarter |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2001 | 2000 | 2001 |  |  |
|  | III | IV | 1 | II | III |
| Wage and salary disbursernents.................... | 5.129 .40 | 97.4 | 76.2 | 50.4 | 29.6 |
| Private industries .................................. | 4,317.50 | 93.4 | 64.0 | 39.6 | 17.3 |
| Goods-producing industries.................. | 1,200.80 | 22.3 | 10.8 | -1.9 | -3.6 |
| Manufacturing ............................... | 1843.5 | 14.2 | 1.1 | -3.1 | -6.7 |
| Distributive industries .......................... | 1,148.90 | 23.5 | 14.4 | 7.9 | 0.7 |
| Service industries............................... | 1,967.70 | 47.6 | 38.8 | 33.6 | 20.1 |
| Government .......................................... | 812.0 | 4.0 | 12.2 | 10.8 | 12.4 |
| Other labor income..................................... | 555.3 | 7.0 | 4.4 | 2.9 | 3.1 |
| Proprietors' income with IVA and CCAdj ......... | 752.3 | 5.9 | 10.0 | 10.1 | 7.0 |
| Farm................................................... | 31.8 | 0.1 | -1.9 | $-1.1$ | 3.1 |
| Nonfarm .............................................. | 720.5 | 5.9 | 11.9 | 11.2 | 3.9 |
| Rental income of persons with CCAdj ............ | 143.6 | 3.4 | -2.1 | -0.6 | 4.6 |
| Personal dividend income ............................ | 420.0 | 10.8 | 8.2 | 7.1 | 8.1 |
| Personal interest income.............................. | 991.3 | 3.9 | -2.2 | -9.9 | -9.7 |
| Transfer payments to persons ....................... | 1,160.00 | 14.4 | 34.1 | 16.3 | 20.6 |
| Less: Personal contributions for social insurance $\qquad$ | 374.6 | 4.7 | 8.0 | 1.9 | 0.6 |
| Personal income ........................................., | 8,777,30 | 138.1 | 120.6 | 74.4 | 62.7 |
| Less: Personal tax and nontax payments ............ | 1.197.00 | 29.6 | 15.4 | 6.2 | -154.4 |
| Equals: Disposable personal income ............... | 7,580.30 | 108.5 | 105.2 | 68.2 | 217.1 |
| Less: Personal outlays. | 7,293.60 | 88.2 | 101.1 | 65.5 | 11.9 |
| Equals: Personal saving ................................ | 286.7 | 20.2 | 4.1 | 2.7 | 205.2 |
| Addenda: Special factors in personal income: |  |  |  |  |  |
| In private wages and salaries: <br> Effects of the September 11 terrorist attacks | $-3.3$ | 0 | 0 | 0 | -3.3 |
| In government wages and salaries: <br> Federal pay raise $\qquad$ | 6.0 | 0 | 5.2 | 0.5 | 0.3 |
| Effects of the September 11 terrorist attacks | 0.8 | 0 | 0 | 0 | 0.8 |
| In transfer payments to persons: <br> Social security retroactive payments $\qquad$ | 0 | 0.5 | -1.1 | 0 | 0 |
| Cost-of-living adjustments in Federal transfer programs | 16.6 | 0.3 | 16.3 | 0 | 0 |
| Correction for error in indexing for social security and supplemental income Denefits $\qquad$ | 4.2 | 0 | 0 | 0 | 4.2 |
| In personal tax and nontax payments: |  |  |  |  |  |
| Federal tax law changes .......................... | -158.9 | 0.0 | -4.5 | 0 | -154.4 |
| Refunds and State tax law changes............. | -3.3 | 2.8 | -0.8 | $-6.1$ | 4.6 |

Note.-Most dollar levels are in NIPA table 2.1.
IVA Inventory valuation adjustment
CCAdj Capital consumption adjustment

Personal income, which is measured only in current dollars, increased $\$ 62.7$ billion after increasing $\$ 74.4$ billion (chart 3 and table 5).

Wage and salary disbursements slowed, mainly reflecting slowdowns in the distributive and service industries. To account for the effects of the terrorist attacks that were not captured in the source data, BEA lowered wages and salaries $\$ 3.3$ billion in private industries and raised them $\$ 0.8$ billion in State and local government.

Transfer payments increased more than in the second quarter. The third-quarter increase reflected one-time payments to correct for the underpayments of benefits due to an error in the indexing for social security and supplementary security income benefits.

Personal interest income decreased for the third consecutive quarter; the decreases primarily reflected declining interest rates.

## CHART 3

Selected Personal Income and Saving Measures
Billion $\$$


Percent


Percent


ratas.

[^4]
# Comparison of BEA Estimates of Personal Income and IRS Estimates of Adjusted Gross Income 

New Estimates for 1999<br>Revised Estimates for 1998

By Thae S. Park

$T$HIS article presents a comparison of the Bu reau of Economic Analysis (BEA) measure of personal income and the Internal Revenue Service (IRS) measure of adjusted gross income (AGI) of individuals by type of income. The article explains the major definitional and statistical differences between the 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 remaining between the BEA estimate of AGI and the IRS AGIthe trends in the AGI gap for 1959-99, and the sources of the revision to the AGI gap for $1998 .{ }^{1}$

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 the income concept used in the Federal income tax, is often used to estimate individual income tax revenue and the income tax burden of households.

Personal income is the income received by persons from participation in production, from both government and business transfer payments, and from government interest (which is treated like a

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 1997-99 on page 24 of the September 2001 Surver. All the estimates are available on BEA's Web site at <www.bea.doc.gov> and on STAT-USA's Web site at <www.stat-usa.gov>. The reconciliation by type of income for 1959-97 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.
transfer payment). "Persons" consists of 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 ali income that is received in the form of money, property, and services that is not expressly exempt from taxation. Expressly 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 1999, the allowable adjustments to gross income to derive AGI included the deduction for one-half 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 comprehensive 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 sev-
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.
eral 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 or how 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 in conjunction. In particular, personal income, which is available much sooner than AGI, is frequently used as an extrapolator for AGI (this article provides information that can be used to adjust the BEA measure to bring it closer in definition to AGI).

The revised estimates for 1998 reflect the incorporation of the results of the annual revision of the NIPA's that was released in July 2001 and of updated estimates of AGI for 1998 from the Statistics of Income Bulletin. ${ }^{4}$ The new estimates for 1999 incorporate the newly available IRS estimates of AGI for 1999.

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 1959-99. The fourth section discusses the sources of revision to the AGI gap for 1998.

## BEA Estimates of AGI

Personal income and AGI each include items that the other omits. Tables 1 and 2 show the reconcili-

[^5]ation between personal income and AGI by type of income for 1998-99. 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 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 profitsharing 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 pay-ments-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.? 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 $11-15$ ) 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 gov-

[^6]ernment 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 sale of property held for personal use or for investment (capital assets) and of property of a business nature (business assets).

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.
8. See NIPA table 3.6.

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 companies-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.

Table 1.-Comparison of Personal Income by Type of Income, 1998
[Billions of dollars]

| Line |  | Personal income | Wage and salary disbursements | Proprietors' income with IVA and CCAdj |  | Rentai income of persons WithCCAdj | Personal dividend income | Personal interest income | Taxable pensions and annuities | Taxable unemployment compensation | Taxable social securitybenefits | Other personal income ${ }^{2}$ | $\begin{aligned} & \text { Income } \\ & \text { not } \\ & \text { included } \\ & \text { in } \\ & \text { personal } \\ & \text { income } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Farm | Nonfarm |  |  |  |  |  |  |  |  |
| 1 | Personal income. | 7,426.0 | 4,192.8 | 25.6 | 598.2 | 138.6 | 348.3 | 964.4 | ${ }^{(3)} 3.0$ | 19.9 | 71.0 | 1,064.1 | 0.0 |
| 2 | Less: Portion of personal income not included in adjusted gross income | 2,627.9 | 101.9 | 6.5 | 9.6 | 101.4 | 239.9 | 739.5 | 0.0 | 0.0 | 0.0 | 1,377.5 | 51.5 |
| 3 | Nontaxable transfer payments .... | 889.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 889.0 | 0.0 |
| 4 | Other labor income except fees ........................ | 487.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 487.9 | 0.0 |
| 5 | Imputed income in personal income ${ }^{4}$................. | 320.3 | 11.0 | 0.4 | 7.3 | 80.4 | 0.0 | 221.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6 | Investment income retained by life insurance carriers and pension plans ${ }^{5}$. | 42.7 .9 | 0.0 | 0.0 | 0.0 | 1.3 | 51.3 | 375.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7 | Investment income received by nonprofit institutions or retained by fiduciaries. | 65.8 | 0.0 | 0.0 | 0.4 | 6.0 | 21.0 | 37.8 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 |
| 8 | Differences in accounting treatment between NIPA's and tax regulations, net. | 95.8 | 0.0 | 6.1 | 2.0 | 13.7 | 19.1 | 55.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9 | Other personal income exempt or excluded from adjusted gross income $\qquad$ | 341.2 | 90.9 | 0.0 | 0.0 | 0.0 | 148.6 | 50.2 | 0.0 | 0.0 | 0.0 | 0.0 | ${ }^{(6)} 51.5$ |
| 10 | Plus: Portion of adjusted gross income not included in personal income. $\qquad$ | 1,325.5 | 20.7 | 0.0 | 3.8 | 3.0 | 0.0 | 0.0 | 356.3 | 0.0 | 0.0 | 315.5 | 626.2 |
| 11 | Personal contributions for social insurance.. | 316.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 316.3 | 0.0 |
| 12 | Gains, net of losses, from sale of property ........... | 444.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 444.5 |
| 13 | Taxable pensions ${ }^{7}$........................................ | 356.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 356.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 14 | Small business corporation income.................... | 115.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 115.2 |
| 15 | Other types of income ..................................... | 93.2 | 20.7 | 0.0 | 3.8 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.9 | 66.5 |
| 16 | Plus: Realiocation by type of NIPA income ............. | 0.0 | 10.4 | -0.0 | -0.7 | 0.0 | 56.6 | -56.6 | -7.7 | 0.0 | 0.0 | -2.0 | 0.0 |
| 17 | Fees in other labor income ............................... | 0.0 | 2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -2.7 | 0.0 |
| 18 | Fiduciaries' share of partnership income ${ }^{\text {b }}$............ | 0.0 | 0.0 | -0.0 | -0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 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 $\qquad$ | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 56.6 | -56.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 21 | Taxable disability income payments.................... | 0.0 | 7.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -7.7 | 0.0 | 0.0 | 0.0 | 0.0 |
| 22 | Equals: BEA-derived adjusted gross income .......... | 6,123.7 | 4,122.0 | 19.1 | 591.7 | 40.3 | 165.0 | 168.4 | 351.6 | 19.9 | 71.0 | -0.0 | 574.7 |
| 23 | Adjusted gross income of IRS (as reported) ............ | 5,416.0 | 3,879.8 | -7.9 | 202.4 | 22.4 | 118.5 | 178.3 | 280.7 | 16.8 | 68.7 | 81.6 | 574.7 |
| 24 | Plus: Realiocation by type of IRS income.............. | 0.0 | 0.0 | 0.2 | 75.0 | 6.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -81.6 | 0.0 |
| 25 | Estate or trust income ..................................... | 0.0 | 0.0 | 0.0 | 3.1 | 6.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -9.5 | 0.0 |
| 26 | Partnership income ........................................ | 0.0 | 0.0 | 0.2 | 72.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -72.2 | 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) ........... | 5,416.0 | 3,879.8 | -7.7 | 277.4 | 28.8 | 118.5 | 178.3 | 280.7 | 16.8 | 68.7 | 0.0 | 574.7 |
| 29 | Adjusted income gap (line 22-line 28).................. | 707.7 | 242.2 | 26.8 | 314.3 | 11.5 | 46.5 | -9.9 | 70.9 | 3.1 | 2.3 | -0.0 | 0.0 |
| 30 | Percent distribution of AGI gap......................... | 100.0 | 34.2 | 3.8 | 44.4 | 1.6 | 6.6 | -1.4 | 10.0 | 0.4 | 0.3 |  |  |
| 31 | Relative AGI gap ${ }^{9}$.......................................... | 11.6 | 5.9 | 140.5 | 53.1 | 28.4 | 28.2 | -5.9 | 20.2 | 15.5 | 3.3 |  |  |
| 32 | Addendum: Misreporting adjustments included in personal income | 337.4 | 97.0 |  | 252.4 | 1.2 |  | -13.1 |  |  |  |  |  |

[^7]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 taxexempt. ${ }^{9}$ Because of the difficulties of allocating

[^8]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 BEAderived 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 taxexempt cooperatives is classified either as farm proprietors' income or as nonfarm proprietors' income for reconciliation purposes.

Table 2.-Comparison of Personal Income by Type of Income, 1999

| Line |  | Personal income | $\begin{aligned} & \text { Wage and } \\ & \text { salary } \\ & \text { disburse- } \\ & \text { ments } \end{aligned}$ | Proprietors' income with IVA and CCAdj |  | Rental income of persons with CCAd | Personal dividend income | Personal interest income | Taxable pensions and annuities | Taxable unemployment compensation | Taxable social security benerits | Other personal income ${ }^{2}$ | $\begin{aligned} & \text { Income } \\ & \text { not } \\ & \text { included } \\ & \text { in } \\ & \text { personal } \\ & \text { income } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Farm | Nonfarm |  |  |  |  |  |  |  |  |
| 1 | Personal income | 7,777.3 | 4,472.2 | 26.6 | 645.4 | 147.7 | 343.1 | 950.0 | (3) 3.0 | 20.7 | 77.2 | 1,091.3 | 0.0 |
| 2 | Less: Portion of personal income not included in adjusted gross income | 2,726.1 | 110.8 | 4.9 | -3.6 | 110.5 | 250.7 | 772.5 | 0.0 | 0.0 | 0.0 | 1,425.3 | 55.0 |
| 3 | Nontaxable transfer payments .............. | 917.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 917.7 | 0.0 |
| 4 | Other labor income except fees........................... | 507.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 507.0 | 0.0 |
| 5 | Imputed income in personal income ${ }^{4}$ | 348.7 | 11.4 | 0.5 | 7.7 | 90.5 | 0.0 | 238.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6 | Investment income retained by life insurance carriers and pension plans | 441.4 | 0.0 | 0.0 | 0.0 | 1.4 | 58.6 | 381.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7 | Investment income received by nonprofit institutions or retained by fiduciaries. | 64.7 | 0.0 | 0.0 | 0.4 | 5.9 | 20.4 | 37.4 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 |
| 8 | Differences in accounting treatment between NIPA's and tax regulations, net. | 89.5 | 0.0 | 4.4 | -11.6 | 12.7 | 21.4 | 62.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9 | Other personal income exempt or excluded from adjusted gross income. | 357.1 | 99.5 | 0.0 | 0.0 | 0.0 | 150.2 | 52.4 | 0.0 | 0.0 | 0.0 | 0.0 | (6) 55.0 |
| 10 | Plus: Portion of adjusted gross income not included in personal income | 1,475.1 | 21.0 | 0.0 | 3.9 | 3.1 | 0.0 | 0.0 | 385.0 | 0.0 | 0.0 | 336.1 | 726.1 |
| 11 | Personal contributions for social insurance .......... | 337.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 337.1 | 0.0 |
| 12 | Gains, net of losses, from sale of property ........... | 505.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 505.4 |
| 13 | Taxable pensions ${ }^{7}$.......................................... | 384.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 384.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| 14 | Small business corporation income..................... | 120.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 120.7 |
| 15 | Other types of income..................................... | 126.9 | 21.0 | 0.0 | 3.9 | 3.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -1.0 | 99.9 |
| 16 | Plus: Realiocation by type of NIPA income ............. | 0.0 | 11.0 | -0.0 | -0.7 | 0.0 | 54.3 | -54.3 | -8.2 | 0.0 | 0.0 | -2.1 | 0.0 |
| 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 ${ }^{6}$............ | 0.0 | 0.0 | -0.0 | -0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 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 $\qquad$ | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 54.3 | -54.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 21 | Taxable disability income payments .................... | 0.0 | 8.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -8.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 22 | Equals: BEA-derived adjusted gross income ........... | 6,526.3 | 4,393.4 | 21.7 | 652.2 | 40.2 | 146.7 | 123.2 | 379.7 | 20.7 | 77.2 | -0.0 | 671.1 |
| 23 | Adjusted gross income of IRS (as reported) | 5,851.6 | 4,173.9 | -5.3 | 201.6 | 22.3 | 129.7 | 166.1 | 309.4 | 17.6 | 76.5 | 88.6 | 671.1 |
| 24 | Plus: Reallacation by type of IRS income ... | 0.0 | 0.0 | 0.4 | 81.9 | 6.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -88.6 | 0.0 |
| 25 | Estate or trust income..................................... | 0.0 | 0.0 | 0.0 | 3.0 | 6.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -9.3 | 0.0 |
| 26 | Partnership income........................................... | 0.0 | 0.0 | 0.4 | 78.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -79.3 | 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) ........... | 5,851.6 | 4,173.9 | -4.9 | 283.5 | 28.6 | 129.7 | 166.1 | 309.4 | 17.6 | 76.5 | 0.0 | 671.1 |
| 29 | Adjusted income gap (line 22-line 28) ......... | 674.7 | 219.5 | 26.6 | 368.7 | 11.7 | 17.0 | -42.9 | 70.3 | 3.1 | 0.7 | -0.0 | -0.0 |
| 30 | Percent distribution of AGI gap ..... | 100.0 | 32.5 | 12.9 | 54.7 | 1.7 | 2.5 | -6.4 | 10.4 | 0.5 | 0.1 |  |  |
| 31 | Relative AGI gap ${ }^{9}$.......................................... | 10.3 | 5.0 | 122.6 | 56.5 | 29.0 | 11.6 | -34.8 | 18.5 | 14.9 | 0.9 |  | .......... |
| 32 | Addendum: Misreporting adjustments included in personal income | 369.7 | 103.6 |  | 278.5 | 1.1 |  | -13.5 |  |  |  |  |  |
| 1. Taxable social security benefits also inciude the social security equivalent benefit portion of tier 1 railroad retirement benefits. <br> 2. Consists primarily of other labor income and the nontaxable transfer payments to persons, less personal contributions for social insurance. <br> 3. Consists of tier 2 railroad retirement benefits that are taxed in the same manner as benefits paid under private employer retirement plans. <br> 4. Consists of the imputations included in personal income shown in NIPA table 8.21 (line 53), except for employer contributions for health and life insurance premiums (line 146). In this table, these premiums are included in line 4. <br> 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 employee pension plans. |  |  |  |  | 6. Statutory adjustments or specific adjustments ("above-the-line deductions") from gross income taken to arrive at AGI. <br> 7. Consists of the taxable portion of private and government employee retirement plan benefit payments. |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | EA Bureau of Economic Analysis |  |  |  |  |  |  |  |
|  |  |  |  |  |  | CAdj Capital consumption adjustment |  |  |  |  |  |  |  |
|  |  |  |  |  |  | RS Internal Revenue Service |  |  |  |  |  |  |  |

## 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 percentage 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. Reliable data are unavailable to estimate some items, such as income earned by individuals who are not required to file income tax returns. Some of the differences between the definitions of personal income and AGI are unknown. ${ }^{10}$

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

[^9]components of personal income because the source data are from the payers of the income. 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 (BLS), 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 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 about every 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 in-

[^10]tended 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.

## The AGI Gap by Type of Income for 1959-99

Table 3 shows the estimates of the AGI gap for total income and for each type of income for 1959-99, and table 4 shows the relative AGI gap for total income and for each type of income for 1959-99. 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 13 1/2 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. The relative AGI gap for wage and salary disbursements averaged about 3 percent over the period.

The trends in the relative AGI gaps for nonwage incomes partly offset each other (see the addenda in table 4). For nonwage incomes subject to the requirements for filing information returns by employers, the trend in the combined relative AGI gap is generally downward, declining from about 39 percent in 1959 to about 7 percent in $1999 .{ }^{16}$

The combined relative AGI gap for incomes not subject to the filing requirements (the second
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, 1959-99
[Billions of dollars]

| Year | BEAderived AGI | $\begin{gathered} \text { IRS } \\ \hline \end{gathered}$ | $\begin{aligned} & \text { AGI } \\ & \text { gap } \end{aligned}$ | $\begin{gathered} \text { Wane } \\ \text { and } \\ \text { salary } \\ \text { disbursements } \end{gathered}$ | Proprietors' income |  | Rentalincome ofpersons | Personal dividend and personal interest income |  |  | Taxablepension and annuities | Taxable unemployment compensation | Taxable security benefit |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Farm | Nonfarm |  | Totai | Personal dividend income | Personat 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 4685 | 50.6 | 11.7 <br> 135 <br> 1 | 7.1 | 14.2 | 1.2 | 13.3 | 2.3 | 11.0 | 3.2 | 0.0 | 0.0 |
| ${ }_{1966}^{1967} \ldots$ | 522.7 555.4 | 468.5 504.8 | 53.3 50.6 | 13.5 11.0 | 7.3 5.7 | 15.9 16.6 1 | 1.0 0.9 | 12.4 | 0.5 0.5 | 11.5 <br> 11.9 <br> 1 | 3.5 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 ........................... | ${ }_{926.5} 82.5$ | ${ }_{8271} 8$ | 79.0 | 10.8 | $\begin{array}{r}10.9 \\ 16 \\ \hline\end{array}$ | 28.8 <br> 32.2 | 1.5 | ${ }_{23} 19.5$ | 3.4 | 20. | 8.2 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 |
|  | $2,225.7$ | $1,942.6$ 21399 | 333.4 | 27.5 | 28.8 | 1109.4 | $\begin{array}{r}15.6 \\ 19.9 \\ \hline\end{array}$ | ${ }_{62}^{62.7}$ | 23.4 28.9 | $\begin{array}{r}39.3 \\ 337 \\ \hline\end{array}$ | 39.3 | 2.6 1.3 | ${ }_{46}$ |
| 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 | 407.8 | 112.8 | 28.4 | 134.4 | 4.4 | 67.4 | 42.0 | 25.4 | 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 | 8.8 |
| 1995.................................... | 4,766.4 | 4,189.4 | 577.0 | ${ }_{188}^{162.8}$ | 37.3 | 246.4 | 15.5 | 35.9 | ${ }_{45}^{35.2}$ | 0.7 -20.9 | 67.7 | ${ }_{32}^{2.6}$ | 8.8 |
|  | 5,594.6 | $4,536.0$ $4,970.0$ | 615.6 624.3 | 188.0 208.6 | 32.1 30.6 | 278.1 292.9 | 13.4 | 24.5 0.2 | 45.4 48.4 | -20.9 | 69.2 70.4 | 3.2 3.2 | 7.2 |
| 1998 -....a............................... | 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 |
|  | 6,526.3 | 5,851.6 | 674.7 | 219.5 | 26.6 | 368.7 | 11.7 | -25.9 | 17.0 | -42.9 | 70.3 | 3.1 | 0.7 |

[^11]addenda item in table 4) increased from about 32 percent in 1959 to a high of 80 percent in 1984. It was 57 percent in 1999.

## Sources of the Revision to the AGI Gap for 1998

Table 5 shows the revisions to personal income, reconciliation items, BEA-derived AGI, AGI of IRS, and the AGI gap for 1998. The AGI gap was revised up $\$ 12.3$ billion for 1998 (line 29), raising the relative AGI gap by 0.2 percentage point (line 31). An upward revision of $\$ 29.8$ billion to personal income that carried through to increase the AGI gap was partly offset by a downward revision of $\$ 12.6$ billion to reconciliation items unrelated to the revisions to personal income or to AGI and by a downward revision of $\$ 5.0$ billion to AGI that carried through to reduce the AGI gap.

The $\$ 29.8$ billion upward revision to personal income that carried through to the AGI gap
reflected a $\$ 35.1$ billion upward revision to total personal income (line 1) that was partly offset by a revision of $\$ 5.3$ billion to reconciliation items, mostly to other labor income (line 4). ${ }^{17}$ The $\$ 5.3$ billion revision to other labor income was mostly accounted for by revisions to employer contributions to pension and profit-sharing plans that reflected newly available data from IRS form 5500. Other offsetting revisions were small and included imputed income in personal income (line 5), part of differences in accounting treatment

[^12]Table 4.-The Relative AGI Gap by Type of Income, 1959-99

|  |  |  | Proprietor | ' income |  | Perso int | nal dividend erest incom | $d \text { and }$ ne |  |  |  | Add |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | Wage and salary disbursements | Farm | Nonfarm | Rental income of persons | Total | Personal dividend income | Personal interest income | Taxable pensions and annuities | Taxable unemployment compensation | Taxable social security benefits | The sum of income items except wages, subject to the requirements for filing information returns ${ }^{1}$ | The sum of income items not subject to the requirements for tiling 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 |
| 1962 ......................................................... | 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 |
| 1965 | 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 | 2.9 | 59.2 | 28.6 | 15.9 | 30.0 | 5.5 | 43.4 | 41.8 | 0.0 | 0.0 | 32.2 | 31.6 |
| 1969 ...................................... | 9.0 | 2.4 | 64.6 | 30.5 | 15.0 | 30.1 | 4.5 | 42.5 | 42.1 | 0.0 | 0.0 | 32.4 | 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 |
| 1973 ...................................... | 10.7 | 2.3 | 65.7 | 39.7 | 20.2 | 31.6 | 15.3 | 38.5 | 39.5 | 0.0 | 0.0 | 33.4 | 44.3 |
| 1974 | 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 | 48.6 | $-6.8$ | 25.8 | 13.6 | 30.7 | 32.4 | 0.0 | 0.0 | 27.5 | 48.7 |
| 1977 | 10.7 | 2.0 | 89.7 | 49.1 | 21.8 | 29.7 | 18.7 | 34.1 | 29.6 | 0.0 | 0.0 | 29.7 | 50.6 |
| 1978 ...................................... | 11.4 | 2.2 | 73.2 | 51.6 | 22.9 | 29.9 | 19.5 | 34.0 | 31.3 | 0.0 | 0.0 | 30.3 | 52.3 |
| 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 | 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 | 2.7 | 202.5 | 66.2 | 134.2 | 12.8 | 28.6 | 6.5 | 33.6 | 17.6 | 25.0 | 20.1 | 77.4 |
| 1986 ..................................... | 12.9 | 2.6 | 135.4 | 64.7 | 190.6 | 16.5 | 24.2 | 13.2 | 37.9 | 15.0 | 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 | 61.1 |
| 1988 ............................... | 9.7 | 3.3 | 101.0 | 45.2 | 83.4 | 12.6 | 23.0 | 7.4 | 23.4 | 13.9 | 16.4 | 16.5 | 52.7 |
| 1989 ..................................... | 11.0 | 4.2 | 96.2 | 44.3 | 51.2 | 19.2 | 33.4 | 12.2 | 27.4 | 16.8 | 14.6 | 21.6 | 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 |
|  | 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 |
| 1995. | 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 | 14.3 | 12.0 | 15.2 | 55.9 |
| 1997. | 11.2 | 5.5 | 126.0 | 53.6 | 29.9 | 0.1 | 28.7 | -39.1 | 21.3 | 15.5 | 9.5 | 11.3 | 55.0 |
| 1998..................................... | 11.6 | 5.9 | 140.5 | 53.1 | 28.4 | 11.0 | 28.2 | -5.9 -34.8 | 20.2 | 15.5 14.9 | 3.3 | 14.6 | 54.1 |
| 1999 ........................................ | 10.3 | 5.0 | 122.6 | 56.5 | 29.0 | -9.6 | 11.6 | -34.8 | 18.5 | 14.9 | 0.9 | 6.5 | 57.0 |
| 1. Consists of personal dividend income, personal interest income, taxable pensions, taxable unemployment compensation, and taxable social security benefits. These types of income have been subject to varying degrees of withholding since 1984. <br> 2. Consists of tarm proprietors' income, nonfarm proprietors' income, and rental income of |  |  |  |  |  |  | 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 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

between NIPA's and tax regulations (line 8), part of other personal income exempt or excluded from AGI (line 9), and personal contributions for social insurance (line 11).

Reconciliation items unrelated to personal income or to AGI were revised down $\$ 12.6$ billion. Other things being equal, revisions to the unrelated reconciliation items are all carried through to the BEA-derived AGI and the AGI gap. ${ }^{18}$

BEA-derived AGI was revised up $\$ 38.9$ billion (line 22), reflecting the upward revisions of $\$ 29.8$ billion to personal income that were carried to the BEA-derived AGI, the downward revision of $\$ 12.6$ billion to the unrelated reconciliation items, and an upward revision of $\$ 21.7$ billion to AGI components (part of line 9 and lines $12,14,15$ ) that are added to personal income in the derivation of the BEA-derived AGI. (As explained below, the $\$ 21.7$ billion upward revisions to AGI components did not affect the AGI gap, because the revisions were also reflected in the AGI of IRS (line 23).)

The downward revision of $\$ 5.0$ billion to AGI that carried through to the AGI gap reflected a $\$ 26.7$ billion upward revision to total AGI (line 23 ), reflecting the replacement of preliminary tabulations with final tabulations, that was largely

[^13]offset by a downward revision of $\$ 21.7$ billion to the AGI components that are added to personal income to derive BEA AGI.

The $\$ 21.7$ billion offsetting revisions to total AGI reflected an upward revision of $\$ 30.3$ billion to gains, net of losses, from sale of property (line 12), an upward revision of $\$ 6.8$ billion to small business corporation income (line 14), and a downward revision of $\$ 15.4$ billion to other AGI components (line 15 and part of line 9 ).

Table 5.-Sources of Revision to the AGI Gap, 1998
[Billions of dollars]

| Line ${ }^{1}$ |  | 1998 |
| :---: | :---: | :---: |
|  | Personal Income | 35.1 |
| 2 | Less: Portion of personal income not included in adjusted gross income | 16.0 |
| 3 | Nontaxable transier payments | 7.0 |
| 4 | Other labor income except tees... | 5.3 |
| 5 | Imputed income in personal income. | -0.2 |
| ${ }_{7}$ | Investment income of life insurance carriers and pension plans. | -7.8 |
|  | Investment income received by nomprofit institutions or | . 7 |
| 8 | Differences in accounting treatment between NiPA's and tax |  |
|  | regulations, net. | 6.9 |
| 9 | Other personal income exempt or excluded from adjusted | -0.9 |
| 10 | Plus: Portion of adjusted gross income not included in |  |
|  | personal income..... | 19.9 |
| 11 | Personal contributions for social insurance...... | 0.1 |
| 12 | Gains, net of losses, from sale of property.... | 30.3 |
| 13 | Taxable pensions | -3.7 |
| 14 | Small business corporation income. | 6.8 |
| 15 | Other types of income .......................... | -13.7 |
| 22 | Equals: BEA-derived adjusted gross income | 38.9 |
| 23 | Adjusted gross income of IRS | 26.7 |
| 29 | Adjusted gross income (AGI) gap | 12.3 |
| 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
NIPA's National income and product accounts

# Gross Domestic Product by Industry for 1998-2000 

By Sherlene K.S. Lum and Brian C. Moyer

THE Bureau of Economic Analysis has released new estimates of gross domestic product (GDP) by industry for 2000 and revised estimates for 1998-99.' 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 components of gross domestic income (see the box "Gross Domestic Product by Industry: Definition and Relationship to Gross Domestic Product and Other Measures of Output").

1. For the previously published estimates, see Sherlene K.S. Lum and Brian C. Moyer, "Gross Domestic Product by Industry for 1997-99," Survey of Current Business 80 (December 2000): 24-35.
2. For more information, see Brent R. Moulton, Eugene P. Seskin, and David F. Sullivan, "Annual Revision of the National Income and Product Accounts," Survey 81 (August 2001): 7-32.

Highlights include the following.

- Real GDP growth for private industries, which generate about 88 percent of current-dollar GDP, slowed to 4.1 percent in 2000 from 4.8 percent in 1999.
- Strong real GDP growth for industries related to information technology boosted real GDP growth in 2000. Information technology-related industries grew at double-digit rates in 2000, more than twice the growth rate in real GDP.
- Real GDP growth of private goods-producing industries decelerated from 5.4 percent in 1999 to 2.9 percent in $2000 .{ }^{3}$ Rapidly rising prices for petroleum-related products contributed to the deceleration.

3. Private-goods producing industries consist of agriculture, forestry, and fishing; mining; construction; and manufacturing.

## 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). It 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 their components are estimated using largely independent source data. The difference between GDP and GDI is the "statistical discrepancy," which is recorded in the NIPA's as an "income" component 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 current-dollar GDP by the statistical discrepancy. Thus, for the sum of GDP by industry to be equivalent 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, it is measured as the sum of the distributions by industry of the components of GDI, but unlike GDP by industry, the statistical discrepancy is not included in the total and the compensation of Federal civilian and military personal as well as military structures and equipment located abroad are excluded. ${ }^{2}$

[^14]- In 2000, private services-producing industries contributed 3.5 percentage points to the 4.1 -percent growth in real GDP. ${ }^{4}$ The largest contributors were services and finance, insurance, and real estate.
- Private services-producing industries' share of current-dollar GDP increased to 65.8 percent in 2000 from 63.2 percent in 1997, continuing its long-term uptrend.

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 composition of 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 1997-2000 are presented in tables 1-14 at the end of the article (see also the box "Data Availability" on page 24 ).

## Industry Growth, Contributions to Real Growth, Shares, and Composition

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,
4. Private services-producing industries consist of transportation and public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

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Staff members from the National Income and Wealth Division and the Government Division contributed to the development of the estimates. Staff members from the Regional Economic Analysis Division assisted in the estimation of indirect business tax and nontax liability by industry. Alan C. Lorish, Jr., Chief of the Computer Systems and Services Division, and members of his staff-particularly Stephen P. Holliday and Douglas J. Klear-helped reengineer the data-processing application that was used to prepare the estimates.
and the composition of current-dollar GDP by industry. The growth rate in an industry's real GDP by industry indicates whether the industry is growing faster or slower than the U.S. economy. An industry's contribution to real GDP growth indicates the extent to which the industry is affecting the growth of real GDP. Changes in an industry's share of current-dollar GDP indicate whether the industry's use of the economy's resources is increasing or decreasing. Changes in the composition of an industry's current-dollar GDP indicate whether the labor and capital shares for the industry are changing.

## Real GDP-by-industry growth rates

In 1997-2000, real GDP increased at an average annual rate of 4.2 percent; private industries increased 4.6 percent, and government increased 1.6 percent (table A). Within the private industries group, goods-producing industries increased 4.2 percent, and services-producing industries increased 5.6 percent. All the private industry groups except mining and nondurable-goods manufacturing increased.

In both 1999 and 2000, real GDP increased 4.1 percent. In 1999, private industries increased 4.8 percent, and government increased 1.3 percent. In 2000, private industries increased 4.1 percent, and government increased 2.3 percent. All the private industry groups except mining either increased or

Table A.-Percent Changes in Real Gross Domestic Product by Industry Group

|  | 1998 | 1999 | 2000 | $\begin{gathered} \text { Average } \\ \text { annual } \\ \text { rate of } \\ \text { change } \\ \text { 1997-2000 } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| Gross domestic product | 4.3 | 4.1 | 4.1 | 4.2 |
| Private industries....................................... | 4.7 | 4.8 | 4.1 | 4.6 |
| Private goods-producing industries ............ | 4.4 | 5.4 | 2.9 | 4.2 |
| Agriculture, forestry, and fishing............... | 1.3 | 5.5 | 8.4 | 5.0 |
| Mining................................................ | 2.4 | $-6.5$ | -15.0 | $-6.6$ |
| Construction ....................................... | 7.5 | 6.0 | 2.5 | 5.3 |
| Manufacturing ..................................... | 4.1 | 6.1 | 4.1 | 4.8 |
| Durable goods .................................. | 9.8 | 8.1 | 7.1 | 8.3 |
| Nondurable goods............................. | -3.3 | 3.3 | -0.0 | -0.0 |
| Private services-producing industries......... | 6.0 | 5.3 | 5.4 | 5.6 |
| Transportation and public utilities ............. | 2.1 | 7.9 | 6.0 | 5.3 |
| Transportation.................................. | 3.6 | 4.1 | 4.7 | 4.1 |
| Communications .............................. | 6.2 | 10.9 | 10.7 | 9.2 |
| Electric, gas, and sanitary services ........ | -4.1 | 9.9 | 2.3 | 2.6 |
| Wholesale trade ................................... | 13.6 | 3.8 | 2.8 | 6.6 |
| Retail trade.......................................... | 7.3 | 5.5 | 7.3 | 6.7 |
| Finance, insurance, and real estate ........... | 6.7 | 5.6 | 5.6 | 6.0 |
| Services ............................................. | 4.1 | 4.5 | 5.1 | 4.5 |
| Government............................................... | 1.1 | 1.3 | 2.3 | 1.6 |

were unchanged in both years. Private goods-producing industries increased 5.4 percent in 1999 and 2.9 percent in 2000, and private services-producing industries increased 5.3 percent in 1999 and 5.4 percent in 2000.

The deceleration of 2.5 percentage points in private goods-producing industries resulted from decelerations in mining ( 8.5 percentage points), in construction ( 3.5 percentage points), and in manufacturing ( 2.0 percentage points). Within mining, the oil and gas extraction industry decelerated 9.8 percentage points; within nondurable-goods manufacturing, the petroleum and coal products industry decelerated 56.0 percentage points, partly reflecting rapidly rising prices for these industries' petroleum-related outputs and inputs (table 5A).

Despite the deceleration in private goods-producing industries, real growth in durable-goods manufacturing remained strong- 8.1 percent in 1999 and 7.1 percent in 2000. Within dura-ble-goods manufacturing, growth was exceptionally strong for the information technology (IT)-related industries. Industrial machinery and equipment (including computers) increased 9.5 percent in 1999 and 10.1 percent in 2000, and electronic and other electric equipment increased 21.3 percent in 1999 and 28.1 percent in 2000.

In addition, real growth rates for gross output and intermediate inputs by industry can be used to provide a more comprehensive picture of industry output. The growth rate of real gross output for an industry can be decomposed into the real growth rates of its primary factors of production (its value-added inputs-labor and capital) and its secondary factors of production (its intermediate inputs-including energy, raw materials, semifinished goods, and services-that are purchased from domestic industries and from foreign sources). For example, real gross output for manufacturing grew 3.7 percent in 2000 as a result of a 4.1-percent growth in real value added from labor and capital inputs (real GDP by industry) and of a 3.5-percent growth in real intermediate inputs (table B) (for more information, see the box, "Using the GDP-by-Industry Accounts Estimates" on page 22).

## 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 1997-2000, private goods-producing industries contributed 1.0 percentage point to the 4.2-percent average annual growth rate of real

GDP, and private services-producing industries contributed 3.6 percentage points (table C).

In both 1999 and 2000, real GDP increased 4.1 percent. Private goods-producing industries contributed 1.3 percentage points in 1999 and 0.7 percentage point in 2000; private services-producing industries contributed 3.4 percentage points in

[^15]Table B.-Percent Changes in Chain-Type Quantity Indexes by Indusity Group


1999 and 3.5 percentage points in 2000 . The smaller contribution by the private goods-producing industries in 2000 resulted from decreases in the contributions by mining ( 0.1 percentage point), by construction ( 0.2 percentage point), and by manufacturing ( 0.3 percentage point). The largest contributors in 2000-at 1.1 percentage points each-were services and finance, insurance, and real estate (FIRE). The contributions by dura-ble-goods manufacturing were also strong-0.8 percentage point in 1999 and 0.7 percentage point in 2000 -partly reflecting the strong growth in IT-related industries.

## Shares of current-dollar GDP

An industry's share of current-dollar GDP is a good indicator of the industry's relative size in the economy. ${ }^{6}$ In 1997-2000, the share of current-dollar GDP accounted for by private services-producing industries rose, while the shares accounted for by private goods-producing industries and by government declined (tables D and 2). The share of private services-producing industries increased from 63.2 percent in 1997 to 65.8 percent in 2000,
6. It is a better indicator of the industry's relative size in the economy than the industry's 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.

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

|  | 1998 | 1999 | 2000 | Average rate of 1997-200 |
| :---: | :---: | :---: | :---: | :---: |
| Percent change: |  |  |  |  |
| Gross domestic product................. | 4.3 | 4.1 | 4.1 | 4.2 |
| Percentage points: Private industries | 4.1 | 4.2 | 3.6 | 4.0 |
| Private goods-producing industries ........ | 1.0 | 1.3 | 0.7 | 1.0 |
| Agriculture, forestry, and fishing........... | 0.0 | 0.1 | 0.1 | 0.1 |
| Mining.......................................... | 0.0 | -0.1 | -0.2 | -0.1 |
| Construction .................................. | 0.3 | 0.3 | 0.1 | 0.2 |
| Manufacturing.............................. | 0.7 | 1.0 | 0.7 | 0.8 |
| Durable goods ........................... | 0.9 -0.2 | 0.8 0.2 | 0.7 -0.0 | 0.8 -0.0 |
| Private services-producing industries ..... | 3.8 | 3.4 | 3.5 | 3.6 |
| Transportation and public utilities .......... | 0.2 | 0.7 | 0.5 | 0.4 |
| Transportation.............................. | 0.1 | 0.1 | 0.2 | 0.1 |
| Communications......................... | 0.2 | 0.3 | 0.3 | 0.3 |
| Electric, gas, and sanitary services .... | -0.1 | 0.2 | 0.1 | 0.1 |
| Wholesale trade .............................. | 0.9 | 0.3 | 0.2 | 0.5 |
| Retail trade. | 0.7 | 0.5 | 0.7 | 0.6 |
| Finance, insurance, and real estate ........ | 1.3 | 1.1 | 1.1 | 1.1 |
| Services ....................................... | 0.8 | 0.9 | 1.1 | 1.0 |
| Government..................................... | 0.1 | 0.2 | 0.3 | 0.2 |

Nort.-For information on the calculation of the contributions to percent change, see footnote 5 in the text. Percentage-point contributions do not sum to the percent change in gross domestic product or to the percentage-point contribution for private industries, because the
contributions of the statistical discrepancy and of "not aliocated by industry" are excluded (see table 6 for the detailed estimates of real gross domestic product by industry).
the share of private goods-producing industries decreased from 23.6 percent to 23.2 percent, and the share of government fell from 12.8 percent to 12.3 percent. The increase in the share of private services-producing industries was mostly accounted for by services and FIRE. The share of services rose 1.6 percentage points with business services increasing the most ( 1.0 percentage point), and the share of FIRE rose 0.7 percentage point with depository institutions increasing the most ( 0.4 percentage point). The shares of all goods-producing industry groups except construction decreased. The decrease in share of government was accounted for by both Federal Government and State and local governments: The Federal Government share decreased 0.4 percentage point, and the State and local government share decreased 0.1 percentage point.

## Composition of 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 industry-compensation of employees, indirect business tax and nontax liability, and prop-erty-type income. ${ }^{7}$ For the total economy, the share of GDP accounted for by labor increased from 56.0 percent in 1997 to 57.9 percent in 2000, while the share accounted for by capital decreased from 35.9 percent to 35.7 percent (table 4 ). ${ }^{8}$ In 1997-2000, the labor shares of private goods-pro-

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

|  | 1997 | 1998 | 1999 | 2000 |
| :---: | :---: | :---: | :---: | :---: |
| Gross domestic product...... | 100.0 | 100.0 | 100.0 | 100.0 |
| Private industries, | 87.2 | 87.4 | 87.6 | 87.7 |
| Private goods-producing industries............. | 23.6 | 23.2 | 23.2 | 23.2 |
| Agriculture, forestry, and fishing..... | 1.6 | 1.5 | 1.4 | 1.4 |
| Mining .......... | 1.4 | 1.1 | 1.1 | 1.3 |
| Construction...... | 4.1 | 4.3 | 4.6 | 4.7 |
| Manufacturing | 16.6 | 16.3 | 16.1 | 15.9 |
| Durable goods................................ | 9.5 | 9.5 | 9.3 | 9.1 |
| Nondurable goods............................ | 7.1 | 6.8 | 6.8 | 6.7 |
| Private services-producing industries......... | 63.2 | 64.6 | 65.1 | 65.8 |
| Transportation and public utilities ...... | 8.3 | 8.3 | 8.4 | 8.4 |
| Transportation ................................. | 3.1 | 3.3 | 3.3 | 3.2 |
| Communications .................. | 2.7 | 2.7 | 2.8 | 2.8 |
| Electric, gas, and sanitary services........ | 2.5 | 2.3 | 2.3 | 2.3 |
| Wholesale trade... | 6.8 | 6.9 | 6.8 | 6.8 |
| Retail trade ............ | 8.9 | 9.0 | 9.0 | 9.1 |
| Finance, insurance, and real estate. | 18.9 | 19.5 | 19.5 | 19.6 |
| Services........................ | 20.3 | 20.8 | 21.4 | 21.9 |
| Statistical discrepancy '............................ | 0.4 | -0.4 | -0.8 | -1.3 |
| Govermment ............................................. | 12.8 | 12.6 | 12.4 | 12.3 |

. Equals gross domestic product measured as the sum of expenditures less gross domestic income.
ducing and private services-producing industries increased- 1.1 percentage points and 1.6 percentage points, respectively-and the capital shares of private goods-producing and services-producing industries decreased- 1.2 percentage points and 1.1 percentage points, respectively.

For manufacturing, the labor share increased 0.7 percentage point in 1997-2000 while the capital share decreased 1.2 percentage points. The increase in labor share and the decrease in capital share can be largely attributed to durable-goods manufacturing, which accounts for nearly three-fifths of manufacturing output; its labor share increased 2.3 percentage points, and its capital share decreased 2.5 percentage points.

## Industry Prices, Contributions to Price Change, and Unit Costs

The growth rate in an industry's price index indicates whether its prices are growing faster or slower than overall prices in the economy. 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 an industry group represents the price of the industry's primary factors of production (the value-added inputs of labor and capital). In 19972000, the GDP price index grew at an average annual rate of 1.6 percent; the price index for private industries grew 1.4 percent, and the price index for government grew 2.9 percent (table E). The growth in the price index for private services-producing industries, at 1.6 percent, exceeded the growth in the price index for private goods-producing industries, at 1.0 percent.

The growth in the GDP price index accelerated 0.9 percentage point from 1.4 percent in 1999 to

[^16]2.3 percent in 2000; the growth in the price index for private goods-producing industries accelerated 3.4 percentage points, and that for private ser-vices-producing industries accelerated 0.9 percentage point. The large acceleration for private goods-producing industries partly resulted from accelerations in mining ( 34.6 percentage points) and in nondurable-goods manufacturing ( 3.7 percentage points). Within mining, the growth in the price index for oil and gas extraction accelerated

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

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

47.0 percentage points. Within nondurable-goods manufacturing, the growth in the price index for petroleum and coal products accelerated 90.8 percentage points, partly reflecting rapidly rising prices for petroleum-related products (table 7A).

Despite the increase in the price index for private goods-producing industries, the price index for durable-goods manufacturing continued to de-crease- 3.6 percent in 1999 and 2.8 percent in 2000. Within durable-goods manufacturing, the decreases reflected decreases in industries related to IT; the price index for industrial machinery and equipment decreased 9.4 percent in 1999 and 3.2 percent in 2000; the price index for electronic and
other electric equipment decreased 14.3 percent in 1999 and 14.5 percent in 2000.

The growth rates in GDP-by-industry prices can be used in combination with the growth rates in intermediate inputs prices to decompose the growth rate in an industry's gross output prices. For example, the price index for manufacturing gross output grew 2.0 percent in 2000 as a result of a 0.6-percent growth in the price index for GDP by industry and a 2.9 -percent growth in the price index for intermediate inputs (for more information, see the box, "Using the GDP-by-Industry Accounts Estimates").

## Using the GDP-by-Industry Accounts Estimates

The gross domestic product (GDP) by industry accounts provide estimates of quantity and price change for GDP by industry--that is, value added by industry-and for gross output by industry and for intermediate inputs by industry. These estimates in combination with the current-dollar estimates can be used to decompose an industry's real output and price growth.
Industry output is produced using primary and secondary factors of production: Primary factors of production consist of the value-added inputs of labor and capital; secondary factors of production consist of energy, raw materials, semifinished goods, and services that are purchased from domestic industries or from foreign sources. Output growth is measured as the percent change in an industry's chain-type quantity index for gross output. The use of primary factors of production is measured as the percent change in the chain-type quantity index for GDP by industry, and the use of secondary factors of production is measured as the percent change in the quantity index for intermediate inputs by industry. ${ }^{1}$ The relative importance of the primary and secondary factors in producing output depends on their relative sizes-that is, on the current-dollar levels of GDP by industry and of intermediate inputs by industry relative to the current-dollar level of gross output by industry.
For example, decomposing the output growth in the industrial machinery and equipment industry (which includes the computer industry) demonstrates that a large portion of the growth in real gross output for this industry resulted from the growth in its real intermediate inputs. In 2000 , the gross output quantity index for this industry increased 15.1 percent as a result of a 10.1 -percent growth rate in the quantity index for GDP by industry (the primary factors of production) and a 18.3 -percent growth rate in the quantity index for intermediate inputs (the secondary factors of production) (see exhibit 1). The growth rate in gross output is closer to the growth rate in intermediate inputs because the ratio of current-dollar intermediate

1. For more information, see the box "Computation of the Chain-Type Quantity Indexes for Double-Deflated Industries," Survey of Current BusiNess 76 (August 1996): 142.
inputs to current-dollar gross output ( 61.4 percent) is larger than the ratio of current-dollar GDP by industry to current-dollar gross output ( 38.6 percent)-that is, this industry has a high current-dollar input-output ratio. To a large extent, this industry's real gross output growth reflected increases in its production of computers, and its real intermediate inputs growth reflected increases in its use of semiconductors.
Similarly, decomposing the growth rate in the gross output chain-type price index for the industrial machinery and equipment industry demonstrates the importance of the growth in its intermediate inputs price index. The gross output price index for the industrial machinery and equipment industry decreased 3.4 percent in 2000 as a result of a 3.2-percent decrease in its GDP-by-industry price index and a 3.5 -percent decrease in its intermediate inputs price index. The relative importance of the prices of intermediate inputs reflects the industry's high current-dollar input-output ratio. The decrease in its gross output price index partly reflected falling prices for computers, and the decrease in the intermediate inputs price index partly reflected falling prices for semiconductors.
Together, these quantity and price decompositions for the industrial machinery and equipment industry provide further insight into the industry's real gross output growth. The 15.1-percent growth rate in real gross output primarily reflected an 18.3-percent increase in real intermediate inputs, which in turn, partly reflected a 3.5 -percent decrease in the price for intermediate inputs. To a large extent, the decrease in the price for intermediate inputs reflected falling prices for semiconductors.

Exhibit 1.—Industrial Machinery and Equipment, 1999-2000

|  | Percent change |  | Current-dollar share of gross output |
| :---: | :---: | :---: | :---: |
|  | Quantity index | Price index |  |
| Gross output.............................. | 15.1 | -3.4 | 100.0 |
| GDP by industry.......................... | 10.1 | -3.2 | 38.6 |
| Intermediate inputs ....................... | 18.3 | -3.5 | 61.4 |

Note,-Current-dollar shares of gross output are computed as average shares for 1999 and 2000. The growth rates in gross output are not simple averages of the growth rates in GDP by industry and in intermediate inputs, because the Fisher index-number formula is used in the double-defiation procedure.

## Contributions to GDP price change

An industry's contribution to the growth in GDP prices depends on both the growth rate of its price index and its relative size. ${ }^{9}$ In 1997-2000, services was the largest contributor-at 0.8 percentage point-to the 1.6 -percent average annual growth rate in the GDP price index (table F).

The GDP price index increased 1.4 percent in 1999 and 2.3 percent in 2000. Private goods-producing industries contributed 0.0 percentage point in 1999 and 0.8 percentage point in 2000 . The increase in contributions by the private goods-producing industries in 2000 partly resulted from increases in contributions by mining (up 0.4 percentage point) and by nondurable-goods manufacturing (up 0.3 percentage point). In both 1999 and 2000, the contribution by durable-goods manufacturing was -0.3 percentage point, partly reflecting the declining prices for IT-related products, such as computers, digital telephone switching equipment, semiconductors, and local area network (LAN) equipment.

[^17]Table F.-Contributions to Percent Change in the Chain-Type Price Index for Gross Domestic Product by Industry Group

|  | 1998 | 1999 | 2000 | $\begin{gathered} \text { Average } \\ \text { annual } \\ \text { rate of } \\ \text { change } \\ 1997-2000 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| Percent change: |  |  |  |  |
| Gross domestic product.................. | 1.2 | 1.4 | 2.3 | 1.6 |
| Percentage points: <br> Private industries | 0.9 | 0.7 | 2.1 | 1.3 |
| Private goods-producing industries ......... | -0.2 | 0.0 | 0.8 | 0.2 |
| Agriculture, forestry, and fishing.......... | -0.0 | -0.1 | -0.0 | -0.0 |
| Mining.................................. | -0.3 | 0.1 | 0.5 | 0.1 |
| Construction ........... | 0.2 | 0.2 | 0.3 | 0.2 |
| Manufacturing. | -0.1 | -0.2 | 0.1 | -0.1 |
| Durable goods .................................. | -0.4 | -0.3 | -0.3 | -0.3 |
| Nondurable goods ......................... |  | 0.1 | 0.4 | 0.3 |
| Private services-producing industries ..... | 1.1 | 0.7 | 1.3 | 1.0 |
| Transportation and public utilities......... | 0.3 | -0.1 | 0.0 | 0.1 |
| Transportation.... | 0.2 | 0.0 | ${ }^{-0.0}$ | 0.1 |
| Communications. | 0.0 | -0.1 | -0.0 | -0.0 |
| Electric, gas, and sanitary services .... | 0.1 | -0.1 | 0.1 | 0.0 |
| Wholesale trade ............................. | -0.4 | 0.0 | 0.2 | -0.0 |
| Retail trade. | -0.0 | 0.0 | -0.0 | -0.0 |
| Finance, insurance, and real estate ........ | 0.4 | 0.1 | 0.2 | 0.2 |
| Services ...................................... | 0.8 | 0.8 | 0.9 | 0.8 |
| Government................................................. | 0.3 | 0.4 | 0.4 | 0.4 |

Note.-For information on the calculation of the contributions to percent change, see footnote 9 in the text. Percentage-point contributions do not sum to the percent change in gross domestic product or to the percentage-point contribution for private industries, because

## Unit costs

The price index for GDP by industry for an industry represents the price of its primary factors of production, so an industry's price index, in combination with its current-dollar components of GDP by industry, can be used to assess each component's contribution to total industry labor and capital costs. ${ }^{10}$

The measures of unit costs are computed by dividing current-dollar GDP by industry and its components by real (chained-dollar) GDP by industry. ${ }^{11}$ The resulting quotients are the GDP-by-industry implicit price index and the part of the price index that is associated with each component. ${ }^{12}$ 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.

The total cost per unit for private industries increased 1.4 percent in 1997-2000 (table G). Unit costs for compensation of employees (unit labor costs) increased 2.3 percent. Unit costs for prop-erty-type income increased 0.5 percent, and unit costs for indirect business tax and nontax liability increased 0.4 percent. The larger increase in unit labor costs indicates that labor costs became a larger part of total unit costs during the period.

In 1997-2000, unit labor costs declined in dura-ble-goods manufacturing and retail trade, and they increased in all the other private industry groups. In agriculture, forestry, and fishing, in transportation and public utilities, in wholesale trade, in FIRE, and in services, the increases in unit labor costs were larger than the increases in total unit costs.

## Revisions to the Estimates of GDP by Industry

The revisions to the GDP-by-industry estimates for 1998-99 reflect the revisions to the annual NIPA estimates and the incorporation of new and revised source data for gross output and prices. The revisions to current-dollar GDP for 1998 were smaller than those for 1999; GDP was revised down $\$ 8.7$ billion for 1998 and $\$ 30.6$ billion for 1999 (table H). Real GDP growth was revised

[^18]down 0.1 percentage point for both 1998 and 1999. The revisions to real GDP for some industry groups were substantial, but the effects of these revisions on real GDP growth were generally small.

The revisions to the current-dollar estimates of GDP by industry for 1998-99 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 down- $\$ 6.2$ billion for 1998 and $\$ 23.9$ billion for 1999. For 1998, large

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

|  | 1998 | 1999 | 2000 | $\begin{gathered} \text { Average } \\ \text { annual } \\ \text { rate of } \\ \text { change } \\ 1997-2000 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| Total | 1.1 | 0.8 | 2.4 | 1.4 |
| Compensation of employees | 2.4 | 1.5 | 3.1 | 2.3 |
| Indirect business tax and nontax liability | -0.2 | $-0.6$ | 2.1 | 0.4 |
| Property-type income ........................ | -0.4 | 0.3 | 1.5 | 0.5 |
| Goods-producing industries .......................... | -0.6 | 0.1 | 3.5 | 1.0 |
| Compensation of employees ........................ | 1.9 | -0.6 | 3.4 | 1.5 |
| Indirect business tax and nontax liability....... | 0.5 | -0.9 | 9.8 | 3.0 |
| Property-type income .............................. | -4.7 | 1.4 | 3.0 | -0.2 |
| Agriculture, forestry and fishing ................ | -2.8 | -5.8 | -1.6 | -3.4 |
| Compensation of employees .................. | 6.8 | 1.8 | -4.4 | 1.3 |
| Indirect business tax and nontax liability... | -1.7 | 0.6 | -5.5 | -2.2 |
| Property-type income ............................ | -8.0 | -11.0 | 0.8 | -6.2 |
| Mining. | -17.6 | 10.2 | 44.8 | 9.5 |
| Compensation of employees .................. | -0.8 | 2.5 | 25.0 | 8.3 |
| Indirect business tax and nontax liability... | -5.4 | 7.2 | 37.7 | 11.8 |
| Property-type income ........................... | -28.0 | 16.1 | 58.0 | 9.7 |
| Consiruction. | 4.8 | 5.4 | 6.3 | 5.5 |
| Compensation of employees | 3.7 | 4.5 | 6.6 | 4.9 |
| Indirect business tax and nontax liability... | 1.7 | 0.8 | 3.6 | 2.0 |
| Property-type income ............................ | 7.2 | 7.4 | 5.9 | 6.8 |
| Manufacturing ....................................... | -0.3 | -1.4 | 0.6 | -0.4 |
| Compensation of employees .................. | 1.0 | -2.6 | 1.6 | -0.0 |
| Indirect business tax and nontax liability... | 2.7 | -1.3 | 10.2 | 3.7 |
| Property-type income........................... | -3.1 | 0.7 | -2.3 | -1.6 |
| Durable goods. | -4.4 | -3.6 | -2.8 | -3.6 |
| Compensation of employees | -3.3 | -3.7 | -0.4 | -2.5 |
| Indirect business tax and nontax liability | -5.2 | -1.0 | -1.7 | -2.6 |
| Property-type income | $-6.8$ | -3.6 | -8.2 | -6.2 |
| Nondurable goods ................................ | 5.6 | 1.7 | 5.4 | 4.2 |
| Compensation of employees ................. | 7.1 | -1.3 | 4.1 | 3.2 |
| Indirect business tax and nontax liability | 12.4 | -0.0 | 20.5 | 10.6 |
| Property-type income ......................... | 2.8 | 6.1 | 5.0 | 4.6 |
| Services-producing industries ...................... | 1.7 | 1.1 | 2.0 | 1.6 |
| Compensation of employees ...................... | 2.7 | 2.4 | 3.1 | 2.7 |
| Indirect business tax and nontax liability....... | -0.5 | -0.6 | 0.7 | -0.1 |
| Property-type income ............................... | 1.0 | -0.1 | 1.0 | 0.7 |
| Transportation and public utilities .............. | 4.1 | -1.7 | 0.2 | 0.8 |
| Compensation of employees ................... | 5.3 | 0.7 | 0.9 | 2.3 |
| Indirect business tax and nontax liability... | 5.7 | -3.6 | -0.7 | 0.4 |
| Property-type income ........................... | 2.7 | -3.5 | -0.4 | -0.4 |
| Wholesale trade ..................................... | -5.6 | 0.4 | 3.5 | $-0.6$ |
| Compensation of employees ................... | -3.8 | 3.1 | 4.3 | 1.1 |
| Indirect business tax and nontax liability... | -8.7 | -0.4 | 3.2 | -2.1 |
| Property-type income ............................ | -6.7 | -5.3 | 1.7 | -3.5 |
| Retail trade ...................................... | -0.6 | 0.2 | -0.3 | -0.2 |
| Compensation of employees .................. | -1.9 | 1.1 | -0.6 | -0.5 |
| Indirect business tax and nontax liability... | -1.5 | 0.7 | 0.4 | -0.1 |
| Property-type income............................ | 3.2 | -2.3 | 0.0 | 0.3 |
| Finance, insurance and real estate ............ | 2.0 | 0.3 | 1.3 | 1.2 |
| Compensation of employees .................. | 6.1 | 1.7 | 2.8 | 3.5 |
| Indirect business tax and nontax liability... | -1.7 | -1.7 | -0.5 | -1.3 |
| Property-type income ............................ | 1.2 | 0.2 | 1.0 | 0.8 |
| Services ................................................ | 3.9 | 3.6 | 4.0 | 3.8 |
| Compensation of employees .................. | 4.8 | 3.7 | 4.8 | 4.4 |
| Indirect business tax and nontax liability... | 4.1 | 3.0 | 1.7 | 2.9 |
| Property-type income ............................. | 1.6 | 3.4 | 1.8 | 2.3 |

downward revisions to services ( $\$ 7.2$ billion), retail trade ( $\$ 6.4$ billion), mining ( $\$ 5.4$ billion), and the statistical discrepancy ( $\$ 6.2$ billion) were partly offset by a large upward revision to FIRE (\$19.0 billion). For 1999, large downward revisions to retail trade ( $\$ 21.5$ billion), wholesale trade ( $\$ 9.8$ billion), services ( $\$ 6.0$ billion), and mining ( $\$ 8.5$ billion) were partly offset by a large upward revision to FIRE ( $\$ 18.5$ billion).

The revisions to the growth rates of real GDP by industry for 1998 and 1999 reflect the revisions to current-dollar GDP by industry and the incorporation of new and revised source data for gross output and prices. For 1998, the growth rate of private industries was revised down 0.2 percentage point; the growth rate of private goods-producing industries was revised down 0.2 percentage point, and that of private services-producing industries was revised down 0.1 percentage point. For 1999, the growth rate of private industries was not revised; the growth rate of private goods-producing industries was revised up 0.4 percentage point, and that of private services-producing industries was revised down 0.2 percentage point. By industry group, the largest revisions for 1998 were to mining (down 5.5 percentage points) and to electric, gas, and sanitary services (down 1.8 percentage points). The largest revisions for 1999 were to communications (down 3.2 percentage points), to mining (down 3.1 percentage points), and to wholesale trade (down 2.8 percentage points).

## Changes to the Methodology and Presentation

Several changes to the methodology and presentation were incorporated into the estimates of GDP by industry. These changes included the incorporation of source data converted from the North

## Data Availability

The summary estimates of gross domestic product by industry that are presented in this article and more detailed estimates for 1947-2000 are available on BEA's Web site; go to <www.bea.doc.gov> and click on "Industry: Gross product and input-output data."
In addition, the estimates will be available on the following diskettes in early December.

Gross Domestic Product by Industry, 1947-2000product number NDN-0287
Gross Output by Detailed Industry, 1977-2000product number NDN-0288

Shipments of Manufacturing Industries, 1977-2000product number NDN-0289
To order, call the BEA Order Desk at 1-800-704-0415 (outside the United States, call 202-606-9666).

American Industry Classification System (NAICS) to the Standard Industrial Classification (SIC) system, the incorporation of a quality-adjusted price index for local area network (LAN) equipment, the incorporation of inputs data from the 1997 annual input-output (I-O) accounts, and the expansion of the tables to include estimates for private goods-producing industries and for private ser-vices-producing industries and to present percent changes in the chain-type quantity and price indexes for GDP by industry.

This revision incorporated new and revised source data from private industry associations and from other Federal Government agencies. Several Government agencies provided source data that are based on NAICS rather than on the SIC. Major source data on a NAICS basis included data from the 1997 Economic Census, the annual survey of manufactures, the services annual survey, and the Statistics of Income from the Internal Revenue Service. In addition, BEA provided NAICS-based estimates for change in private inventories.

The GDP-by-industry estimates remain on an SIC basis, so the NAICS-based source data were converted to an SIC basis by the source agency or by BEA using information provided by the source agency. Full implementation of NAICS for the GDP-by-industry estimates depends on the implementation of NAICS in both the NIPA's and the benchmark input-output accounts, which, in turn,
depends on the implementation schedules of source data agencies. ${ }^{13}$

A newly available price index from the Federal Reserve Board that reflects quality improvements to LAN equipment-routers, switches, and hubs-was used in the deflation of gross output for the electronic and other electric equipment industry and for the deflation of intermediate inputs. A composite price index consisting of this index and the producer price indexes from the Bureau of Labor Statistics was used to deflate telephone and telegraph apparatus.

The industry distributions of inputs from the 1997 annual I-O accounts were incorporated into the industry estimates of intermediate inputs. Currently, the 1997 annual I-O table is the latest available.

The GDP-by-industry tables were expanded to include estimates for private goods-producing industries and for private services-producing industries and to include new tables that present percent changes in the chain-type quantity and price indexes for GDP by industry. This expansion allows for greater consistency and comparability across the GDP-by-industry measures of industry performance.

Tables 1-14 follow.

[^19]Table H.-Revisions to Gross Domestic Product by Industry Group

|  | Current-dollar gross domestic product by industry Billions of dollars |  |  |  |  |  | Real gross domestic product by industry Percent change from previous year |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1998 |  |  | 1999 |  |  | 1998 |  |  | 1999 |  |  |
|  | Previously published | Revised | Revision | Previously published | Revised | Revision | Previously published | Revised | Revision | Previously published | Revised | Revision |
| Gross domestic product ... | 8,790.2 | 8,781.5 | -8.7 | 9,299.2 | 9,268.6 | -30.6 | 4.4 | 4.3 | -0.1 | 4.2 | 4.1 | -0.1 |
| Private Industries .............................................................. | 7,684.4 | 7,678.2 | -6.2 | 8,140.8 | 8,116.9 | -23.9 | 4.9 | 4.7 | -0.2 | 4.8 | 4.8 | 0.0 |
| Private goods-producing industries.................................. | 2,046.9 | 2,040.6 | -6.3 | 2,154.4 | 2,152.9 | -1.5 | 4.6 | 4.4 | -0.2 | 5.0 | 5.4 | 0.4 |
| Agriculture, forestry, and fishing ..................................... | 127.2 | 128.0 | 0.8 | 125.4 | 127.2 | 1.8 | 0.2 | 1.3 | 1.1 | 4.8 | 5.5 | 0.7 |
| Mining..................................................................... | 105.6 | 100.2 | -5.4 | 111.8 | 103.3 | -8.5 | 7.9 | 2.4 | -5.5 | -3.4 | -6.5 | -3.1 |
| Construction .............................................................. | 378.1 | 380.8 | 2.7 | 416.4 | 425.5 | 9.1 | 6.5 | 7.5 | 1.0 | 4.4 | 6.0 | 1.6 |
| Manufacturing $\qquad$ <br> Durable goods | 1.436 .0 833.4 | $1,431.5$ 830.7 | -4.5 -2.7 | $1,500.8$ 877.8 | $1,496.8$ 865.7 |  | 4.3 9.8 | 4.1 9.8 | -0.2 0.0 | 5.7 8.8 | 6.1 8.1 | 0.3 -0.7 |
| Durable goods. Nondurable goods. | 833.4 602.6 | 830.7 600.8 | -2.7 | 877.8 623.1 | 865.7 <br> 631.0 | -12.1 7.9 | 9.8 -2.9 | 9.8 -3.3 | 0.0 -0.4 | 8.8 1.6 | 8.1 3.3 | -0.7 |
| Private services-producing industries ................................ | 5,662.2 | 5,668.6 | 6.4 | 6,058.3 | 6,036.7 | -21.6 | 6.1 | 6.0 | -0.1 | 5.5 | 5.3 | -0.2 |
| Transportation and public utilities ................................... | 728.0 | 732.0 | 4.0 | 779.6 | 776.8 | -2.8 | 2.6 | 2.1 | -0.5 | 9.6 | 7.9 | -1.7 |
| Transportation........................................................ | 287.8 | 288.7 | 0.9 | 303.4 | 302.7 | -0.7 | 3.3 | 3.6 | 0.3 | 6.0 | 4.1 | -1.8 |
| Communications .................................................... | 234.1 | 238.5 | 4.4 | 260.2 | 258.5 | -1.7 | 6.5 | 6.2 | -0.3 | 14.1 | 10.9 | -3.2 |
| Electric, gas, and sanitary services ................................................................... | 206.0 | 204.8 | -1.2 | 216.0 | 215.6 | -0.4 | -2.3 | -4.1 | -1.8 | 9.6 | 9.9 | 0.3 |
| Wholesale trade .......................................................... | 610.9 | 607.9 | -3.0 | 643.3 | 633.5 | -9.8 | 13.9 | 13.6 | -0.3 | 6.6 | 3.8 | -2.8 |
| Retail trade................................................................ | 796.8 | 790.4 | -6.4 | 856.4 | 834.9 | -21.5 | 8.1 | 7.3 | -0.8 | 5.2 | 5.5 | 0.3 |
| Finance, insurance, and real estate .................................. | 1,689.5 | 1,708.5 | 19.0 | 1,792.1 | 1,810.6 | 18.5 | 5.6 | 6.7 | 1.1 | 5.4 | 5.6 | 0.3 |
| Services ................................................................... | 1,837.1 | 1,829.9 | -7.2 | 1,986.9 | 1,980.9 | -6.0 | 4.4 | 4.1 | -0.3 | 4.0 | 4.5 | 0.5 |
| Statistical discrepancy '............................................... | -24.8 | -31.0 | -6.2 | -71.9 | -72.7 | -0.8 | .... |  | ..... | ..... | ...... | ......... |
| Govermment ..................................................................... | 1,105.8 | 1,103.3 | -2.5 | 1,158.4 | 1,151.7 | -6.7 | 1.4 | 1.1 | -0.3 | 2.0 | 1.3 | -0.7 |

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,
1997-2000
[Billions of dollars]

| Line |  | 1997 | 1998 | 1999 | 2000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Gross domestic product | 8,318.4 | 8,781.5 | 9,268.6 | 9,872.9 |
| 2 | Private industries | 7,253.6 | 7,678.2 | 8,116.9 | 8,656.5 |
| 3 | Private goods-producing industries | 1,966.7 | 2,040.6 | 2,152.9 | 2,293.0 |
| 4 | Agriculture, forestry, and fishing ............ | 130.0 | 128.0 | 127.2 | 135.8 |
| $\begin{aligned} & 7 \\ & 5 \\ & 6 \end{aligned}$ | Farms $\qquad$ Agricultural services, forestry, and | 88.3 | 80.6 | 74.3 | 79.0 |
|  | Agricultural services, torestry, and fishing | 41.7 | 47.4 | 53.0 | 56.7 |
| 7 | Mining..... | 118.9 | 100.2 | 103.3 | 127.1 |
| 8 | Metal mining | 5.6 | 5.4 | 5.0 | 4.9 |
| 9 | Coal mining. | 10.6 | 10.7 | 10.6 | 10.1 |
| 10 | Oil and gas extraction | 91.9 | 72.8 | 76.2 | 99.5 |
| 11 | Nonmetallic minerals, except fuels ........ | 10.8 | 11.3 | 11.5 | 12.6 |
| 12 | Construction. | 338.2 | 380.8 | 425.5 | 463.6 |
| 13 | Manufacturing. | 1,379.6 | 1,431.5 | 1,496.8 | 1,566.6 |
| 14 | Durable goods | 791.2 | 830.7 | 865.7 | 901.7 |
| 15 | Lumber and wood products | 41.2 | 41.9 | 46.3 | 44.4 |
| 16 | Furniture and fixtures. | 22.7 | 24.3 | 26.0 | 26.7 |
| 17 | Stone, clay, and glass products ........ | 37.2 | 38.7 | 42.5 | 43.9 |
| 18 | Primary metal industries ................. | 52.6 | 53.1 | 50.2 | 52.9 |
| 19 | Fabricated metal products .... | 97.6 | 101.7 | 107.6 | 108.7 |
| 20 21 | Industrial machinery and equipment Electronic and other electric | 143.2 | 158.6 | 157.3 | 167.6 |
|  | equipment | 165.9 | 159.2 | 165.5 | 181.2 |
| 22 | Motor vehicles and equipment | 96.5 | 111.5 | 118.9 | 120.2 |
| 23 | Other transportation equipment. | 55.5 | 58.4 | 64.5 | 62.7 |
| 24 | Instruments and related products | 53.6 | 57.5 | 58.8 | 64.2 |
| 25 | Miscellaneous manufacturing industries. | 25.2 | 25.9 | 28.3 | 29.1 |
| 26 | Nondurable goods...................................... | 588.4 | 600.8 | 631.0 | 664.8 |
| 27 | Food and kindred products. | 123.1 | 121.8 | 132.9 | 137.0 |
| 28 | Tobacco products. | 15.4 | 17.3 | 18.9 | 22.3 |
| 29 | Textile mill products | 25.7 | 25.8 | 25.5 | 24.7 |
| 30 | Apparel and other textile products..... | 26.5 | 26.0 | 24.3 | 23.6 |
| 31 | Paper and allied products ................ | 53.8 | 55.7 | 58.0 | 59.9 |
| 32 | Printing and publishing. | 91.1 | 95.6 | 102.7 | 105.5 |
| 33 | Chemicals and allied products | 164.8 | 164.8 | 175.1 | 191.1 |
| 34 | Petroleum and coal products......... | 31.4 | 32.9 | 30.4 | 36.5 |
| 35 | Rubber and miscellaneous plastics products $\qquad$ | 52.1 | 56.8 | 59.3 | 60.2 |
| 36 | Leather and leather products............ | 4.3 | 4.1 | 3.9 | 4.0 |
| 37 | Private services-producing industries | 5,257.1 | 5,668.6 | 6,036.7 | 6,493.9 |
| 38 | Transportation and public utilities ... | 688.4 | 732.0 | 776.8 | 825.0 |
| 39 | Transportation. | 261.8 | 288.7 | 302.7 | 313.9 |
| 40 | Railroad transportation......... | 23.0 | 24.3 | 23.2 | 22.9 |
| 41 | Local and interurban passenger transit | 14.9 | 16.8 | 17.6 | 18.7 |
| 42 | Trucking and warehousing.. | 99.4 | 114.1 | 122.0 | 126.0 |
| 43 | Water transportation. | 13.1 | 13.6 | 13.7 | 14.8 |
| 44 | Transportation by air....................... | 78.6 | 85.8 | 90.2 | 93.0 |
| 45 | Pipelines, except natural gas ............ | 5.8 | 6.1 | 6.1 | 6.2 |
| 46 | Transportation services .................. | 27.1 | 28.0 | 29.9 | 32.3 |
| 47 | Communications ......... | 220.8 | 238.5 | 258.5 | 281.1 |
| 48 | Telephone and telegraph | 166.7 | 179.4 | 196.4 | 208.9 |
| 49 | Radio and television. | 54.1 | 59.1 | 62.1 | 72.2 |
| 50 | Electric, gas, and sanitary services....... | 205.9 | 204.8 | 215.6 | 230.0 |
| 51 | Wholesale trade | 566.8 | 607.9 | 633.5 | 674.1 |
| 52 | Retail trade | 740.5 | 790.4 | 834.9 | 893.9 |
| 53 | Finance, insurance, and real estate | 1,569.9 | 1,708.5 | 1,810.6 | 1,936.2 |
| 54 | Depository institutions ................. | 273.9 | 300.0 | 325.6 | 366.5 |
| 55 | Nondepository institutions | 49.9 | 52.8 | 53.7 | 59.0 |
| 56 | Security and commodity brokers. | 120.8 | 143.9 | 138.8 | 144.2 |
| 57 | Insurance carriers........................... | 146.1 | 150.2 | 158.3 | 167.7 |
| 58 | Insurance agents, brokers, and service | 51.3 | 56.4 | 65.4 | 67.3 |
| 59 | Real estate...................................... | 920.1 | 981.6 | 1,051.2 | 1,116.3 |
| 60 | Nonfarm housing services. | 679.1 | 718.7 | 764.4 | 810.5 |
| 61 | Other real estate .......................... | 241.0 | 262.9 | 286.8 | 305.8 |
| 62 | Holding and other investment offices .... | 7.7 | 23.4 | 17.6 | 15.4 |
| 63 | Services. | 1,691.5 | 1,829.9 | 1,980.9 | 2,164.6 |
| 64 | Hotels and other lodging places | 70.5 | 73.5 | 80.4 | 86.5 |
| 65 | Personal services ... | 51.0 | 57.0 | 57.4 | 60.4 |
| 66 | Business services.. | 395.5 | 439.8 | 502.6 | 571.7 |
| 67 | Auto repair, services, and parking ........ | 72.8 | 81.0 | 88.1 | 93.9 |
| 68 | Miscellaneous repair services............... | 22.3 | 24.4 | 25.2 | 26.7 |
| 69 | Motion pictures ............................... | 26.3 | 29.1 | 32.0 | 34.9 |
| 70 | Amusement and recreation services...... | 64.9 | 70.1 | 75.1 | 80.8 |
| 71 | Health services. | 472.2 | 491.1 | 516.3 | 546.8 |
| 72 | Legal services... | 109.0 | 116.7 | 123.0 | 133.5 |
| 73 | Educational services | 61.2 | 67.5 | 72.1 | 78.6 |
| 74 | Social services... | 52.6 | 57.6 | 61.8 | 67.5 |
| 75 | Membership organizations | 51.6 | 53.6 | 58.3 | 63.5 |
| 76 | Other services ...... | 229.7 | 254.5 | 275.9 | 306.2 |
| 77 | Private households.. | 12.0 | 14.0 | 12.7 | 13.6 |
| 78 | Statistical discrepancy ${ }^{1}$. | 29.7 | -31.0 | -72.7 | -130.4 |
| 79 | Government | 1,064.8 | 1,103.3 | 1,151.7 | 1,216.4 |
| 80 | Federal | 354.7 | 359.9 | 369.7 | 387.0 |
| 81 | General government | 295.4 | 298.6 | 308.1 | 323.8 |
| 82 | Government enterprises ........................ | 59.2 | 61.3 | 61.6 | 63.2 |
| 83 | State and local. | 710.1 | 743.4 | 782.0 | 829.5 |
| 84 | General government. | 649.2 | 681.2 | 716.6 | 760.4 |
| 85 | Government enterprises .......................... | 60.9 | 62.2 | 65.4 | 69.1 |

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, 1997-2000
[Percent]

| Line |  | 1997 | 1998 | 1999 | 2000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Gross domestic product. | 100.0 | 100.0 | 100.0 | 100.0 |
| 2 | Privale industries | 87.2 | 87.4 | 87.6 | 87.7 |
| 3 | Privale goods-producing industries ............. | 23.6 | 23.2 | 23.2 | 23.2 |
| 4 | Agriculture, forestry, and fishing .... | 1.6 | 1.5 | 1.4 | 1.4 |
| 5 | Farms .................................. | 1.1 | 0.9 | 0.8 | 0.8 |
| 6 | Agricultural services, forestry, and fishing $\qquad$ | 0.5 | 0.5 | 0.6 | 0.6 |
| 7 | Mining............................................ | 1.4 | 1.1 | 1.1 | 1.3 |
| 8 | Metal mining | 0.1 | 0.1 | 0.1 | 0.0 |
| 9 | Coal mining .. | 0.1 | 0.1 | 0.1 | 0.1 |
| 10 | Oil and gas extraction. | 1.1 | 0.8 | 0.8 | 1.0 |
| 11 | Nonmetallic minerals, except fuels | 0.1 | 0.1 | 0.1 | 0.1 |
| 12 | Construction. | 4.1 | 4.3 | 4.6 | 4.7 |
| 13 | Manufacturing | 16.6 | 16.3 | 16.1 | 15.9 |
| 14 | Durable goods. | 9.5 | 9.5 | 9.3 | 9.1 |
| 15 | Lumber and wood products ... | 0.5 | 0.5 | 0.5 | 0.5 |
| 16 | Furniture and fixtures ....... | 0.3 | 0.3 | 0.3 | 0.3 |
| 17 | Stone, clay, and glass products ......... | 0.4 | 0.4 | 0.5 | 0.4 |
| 18 | Primary metal industries .................. | 0.6 | 0.6 | 0.5 | 0.5 |
| 19 | Fabricated metal products ............... | 1.2 | 1.2 | 1.2 | 1.1 |
| 20 | Industrial machinery and equipment | 1.7 | 1.8 | 1.7 | 1.7 |
| 21 | Electronic and other electric equipment | 2.0 | 1.8 | 1.8 | 1.8 |
| 22 | Motor vehicles and equipment | 1.2 | 1.3 | 1.3 | 1.2 |
| 23 | Other transportation equipment ........ | 0.7 | 0.7 | 0.7 | 0.6 |
| 24 | Instruments and related products ...... | 0.6 | 0.7 | 0.6 | 0.7 |
| 25 | Miscellaneous manufacturing industries | 0.3 | 0.3 | 0.3 | 0.3 |
| 26 | Nondurable goods. | 7.1 | 6.8 | 6.8 | 6.7 |
| 27 | Food and kindred products | 1.5 | 1.4 | 1.4 | 1.4 |
| 28 | Tobacco products....... | 0.2 | 0.2 | 0.2 | 0.2 |
| 29 | Textile mill products ....i. | 0.3 | 0.3 | 0.3 | 0.3 |
| 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 | 1.1 |
| 33 | Chemicals and allied products.. | 2.0 | 1.9 | 1.9 | 1.9 |
| 34 | Petroleum and coal products... | 0.4 | 0.4 | 0.3 | 0.4 |
| 35 | Rubber and miscellaneous plastics products | 0.6 | 0.6 | 0.6 | 0.6 |
| 36 | Leather and leather products............ | 0.1 | 0.0 | 0.0 | 0.0 |
| 37 | Private services-producing industries ......... | 63.2 | 64.6 | 65.1 | 65.8 |
| 38 | Transportation and public utilities.. | 8.3 | 8.3 | 8.4 | 8.4 |
| 39 | Transportation | 3.1 | 3.3 | 3.3 | 3.2 |
| 40 | Railroad transportation. | 0.3 | 0.3 | 0.3 | 0.2 |
| 41 | Local and interurban passenger transit $\qquad$ | 0.2 | 0.2 | 0.2 | 0.2 |
| 42 | Trucking and warehousing................ | 1.2 | 1.3 | 1.3 | 1.3 |
| 43 | Water transportation. | 0.2 | 0.2 | 0.1 | 0.2 |
| 44 | Transportation by air | 0.9 | 1.0 | 1.0 | 0.9 |
| 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 | 2.7 | 2.8 | 2.8 |
| 48 | Telephone and telegraph. | 2.0 | 2.0 | 2.1 | 2.1 |
| 49 | Radio and television | 0.6 | 0.7 | 0.7 | 0.7 |
| 50 | Electric, gas, and sanitary services | 2.5 | 2.3 | 2.3 | 2.3 |
| 51 | Wholesale trade | 6.8 | 6.9 | 6.8 | 6.8 |
| 52 | Retail trade. | 8.9 | 9.0 | 9.0 | 9.1 |
| 53 | Finance, insurance, and real estate. | 18.9 | 19.5 | 19.5 | 19.6 |
| 54 | Depository institutions .. | 3.3 | 3.4 | 3.5 | 3.7 |
| 55 | Nondepository institutions. | 0.6 | 0.6 | 0.6 | 0.6 |
| 56 | Security and commodity brokers........... | 1.5 | 1.6 | 1.5 | 1.5 |
| 57 | Insurance carriers ...... | 1.8 | 1.7 | 1.7 | 1.7 |
| 58 | Insurance agents, brokers, and service | 0.6 | 0.7 | 0.7 | 0.7 |
| 59 | Real estate. | 11.1 | 11.2 | 11.3 | 11.3 |
| 60 | Nonfarm housing services.. | 8.2 | 8.2 | 8.2 | 8.2 |
| 61 | Other real estate. | 2.9 | 3.0 | 3.1 | 3.1 |
| 62 | Holding and other investment offices ..... | 0.1 | 0.2 | 0.2 | 0.2 |
| 63 | Services. | 20.3 | 20.8 | 21.4 | 21.9 |
| 64 | Hotels and other lodging places.. | 0.8 | 0.8 | 0.9 | 0.9 |
| 65 | Personal services .............................. | 0.6 | 0.6 | 0.6 | 0.6 |
| 66 | Business services..... | 4.8 | 5.0 | 5.4 | 5.8 |
| 67 | Auto repair, services, and parking ......... | 0.9 | 0.9 | 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... | 5.7 | 5.6 | 5.6 | 5.5 |
| 72 | Legal services................................... | 1.3 | 1.3 | 1.3 | 1.4 |
| 73 | Educational services........................... | 0.7 | 0.8 | 0.8 | 0.8 |
| 74 | Social services... | 0.6 | 0.7 | 0.7 | 0.7 |
| 75 | Membership organizations ................... | 0.6 | 0.6 | 0.6 | 0.6 |
| 76 | Other services .... | 2.8 | 2.9 | 3.0 | 3.1 |
| 77 | Private households... | 0.1 | 0.2 | 0.1 | 0.1 |
| 78 | Statistical discrepancy ${ }^{1}$ | 0.4 | -0.4 | -0.8 | -1.3 |
| 79 | Government | 12.8 | 12.6 | 12.4 | 12.3 |
| 80 | Federal. | 4.3 | 4.1 | 4.0 | 3.9 |
| 81 | General government. | 3.6 | 3.4 | 3.3 | 3.3 |
| 82 | Government enterprises | 0.7 | 0.7 | 0.7 | 0.6 |
| 83 | State and local. | 8.5 | 8.5 | 8.4 | 8.4 |
| 84 | General government. | 7.8 | 7.8 | 7.7 | 7.7 |
| 85 | Government enterprises ........................ | 0.7 | 0.7 | 0.7 | 0.7 |

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

Table 3.-Components of Gross Domestic Product by Industry Group in Current Dollars, 1997-2000
[Billions of dollars]

| Line |  | 1997 | 1998 | 198) |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 4,6 | $\begin{aligned} & 8,781.5 \\ & 4,994.6 \end{aligned}$ | $\begin{aligned} & 9,268.6 \\ & 5,315.8 \end{aligned}$ | $\begin{aligned} & 9,872.9 \\ & 5,720.4 \end{aligned}$ |
|  | Indirect busin |  |  |  |  |
|  | Indirect business tax and liability |  |  |  |  |
|  | Property-t | 2,986.3 | 3,13 | 3,312 | 3,520 |
|  | dst |  | -310 | 72.7 | -130. |
|  | Private industries ............... | 7,253.6 | 7,678.2 | 8.116 .9 | , 65 |
|  | Compensation of employees. <br> Indirect business tax and nontax liability. |  | 4,079.6 | 713.1 | 76 |
|  |  |  |  |  |  |
|  | Propenty-type income ............................. | 2,804.1 |  | -72.7 | - $\begin{aligned} & 3,312.8 \\ & -130.4\end{aligned}$ |
|  | Statistical discrepanc |  | -31.0 |  |  |
|  | es |  |  | 2,152.9 | 2,293.0 |
|  | Compensation of employees. Indirect business tax and nontax liability.... | 1,151.4 | 84.8 | 1,283.3 | 365.6 |
|  |  |  | 81.0 |  |  |
|  | Property-type income | 738.1 | 734.8 | 785.0 | 831.9 |
|  | Agriculture, forestry and fishing Compensation of employees. Indirect business tax and nontax liability Property-type income | 0.0 <br> 2.9 | 128.046.4 | 49.8 | 135.751.6 |
|  |  |  |  |  |  |
|  |  | 80.2 | 74 | 7.4 |  |
|  |  |  |  | 70.1 | 76.6 |
|  |  | 9 |  | 103.3 | 127.1 |
|  | 硣 | 35.212.1 | 35.8 <br> 11.7 | 34.3 | 13.7 |
|  | Indirect business tax |  |  |  |  |
|  |  |  | 528 | 57 |  |
|  | Construction <br> Compensation of employees. Indirect business tax and nontax liability Property-type income | 338.2 | 380 | 425.5 | 63.6 |
|  |  |  |  | 2.9 | 98.29.8 |
|  |  |  |  |  |  |
|  |  |  | 126.0 | 1435 |  |
|  | Manufacturing <br> Compensation of employees Indirect business tax and nontax liability Property-type income $\qquad$ | 1,379.6 | 1,431.5 | 1,496.8 | 1,566.6 |
|  |  |  |  |  |  |
|  |  | 50.3 | 7 | . | 52.7 |
|  |  | 477.0 |  |  |  |
|  | Durable goods <br> Compensation of employees Indirect business tax and nontax liability <br> Property-type income | $\begin{aligned} & 91.2 \\ & 99.9 \end{aligned}$ | $\begin{aligned} & 830.7 \\ & 562.8 \end{aligned}$ | 55.7 |  |
| 32 |  |  |  |  |  |
|  |  | $\begin{array}{r} 19.3 \\ 241.9 \end{array}$ | $\begin{array}{r} 20.1 \\ 247.8 \end{array}$ | $\begin{array}{r} 21.6 \\ 258.2 \end{array}$ |  |
|  |  |  |  |  | 53.8 |
|  | Nondurable goods. $\qquad$ Compensation of employees Indirect business tax and nontax liability $\qquad$ | $\begin{aligned} & 588.4 \\ & 322.4 \end{aligned}$ | $\begin{aligned} & 600.8 \\ & 333.7 \end{aligned}$ | $\begin{gathered} 31.0 \\ 40.3 \end{gathered}$ | 664 |
| 36 |  |  |  |  |  |
|  |  | $\begin{array}{r} 30.9 \\ 235.0 \end{array}$ | $\begin{array}{r} 33.6 \\ 233.5 \end{array}$ | $\begin{array}{r} 34.7 \\ 256.0 \end{array}$ |  |
| 38 |  |  |  |  | 41.8 |
|  | Private services-producing industries Compensation of employees. Indirect business tax and nontax liability Property-type income | $\begin{aligned} & \mathbf{5 , 2 5 7 . 1} \\ & 2,62.1 \\ & 569.0 \\ & 2,096.0 \end{aligned}$ | $\begin{aligned} & \mathbf{5 , 6 6 8 . 6} \\ & 2,854.8 \\ & 60.3 \\ & 2,213.5 \end{aligned}$ | $\begin{array}{\|c} 6,036.7 \\ 3,78.4 \\ 3,728.5 \\ 2,229.8 \end{array}$ | , 34.9367.9688.9 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  | Transportation and public utilities Compensation of employees. Indirect business tax and nontax liability Property-type income. $\qquad$ |  | 221 | 776.8 | 5.0 |
|  |  | 299. | 321 |  |  |
|  |  | 68.5 | 73.9 | 76. | - |
|  |  | 320.5 | 336.2 |  |  |
|  | Wholes |  | 607.9335.8 | 59. | 674.1 |
|  | Inompensation of employees......axicilat | 122.0 |  |  |  |
| 49 |  |  | 126.5 | 130.9 | 138.9 |
|  | , | 137 |  |  |  |
|  | Retail trade $\qquad$ Compensation of employees. Indirect business tax and nontax liability Property-type income $\qquad$ | 740.5426.0 | 448. | 84. | , |
|  |  |  |  | 478. | 510 |
|  |  | 133 | 141 | 150 |  |
|  |  |  | 200.2 | 206. |  |
|  | Finance, insurance and real estate Compensation of employees.. | 1,569.9 | 1,708.5 | 1,810.6 | 1,936.2 |
|  |  |  |  |  |  |
|  | Indirect business tax and nontax liability Property-type income | 194.1998.2 | 1,077.8 |  | 1,222.8 |
|  |  |  |  |  |  |
|  | Services Compensation of employees Indirect business tax and nontax liability Property-type income $\qquad$ | $\begin{array}{r} 1,691.5 \\ 1,21.7 \\ \mathbf{5 0 . 6} \\ 429.2 \end{array}$ | $\begin{array}{r} 1,829.9 \\ 1,32.4 \\ 54.8 \\ 453.8 \end{array}$ | $1,980.9$$1,431.8$59.0490.1 | $1,577.3$63.0524.3 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| 63 | Government <br> Compensation of employees Indirect business tax and nontax liability Property-type income | $\begin{array}{r} 1,064.8 \\ 882.6 \\ 0.0 \\ 182.2 \end{array}$ | $\begin{array}{r} \mathbf{1 , 1 0 3 . 3} \\ 915.1 \\ 0.0 \\ 188.3 \end{array}$ | 1,151.7 | ,216 |
| 6 |  |  |  |  |  |
|  |  |  |  | . 0 |  |
|  |  |  |  | . 6 | 7.5 |

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

Table 4.-Components of Gross Domestic Product by Industry Group in Current Dollars as a Percentage of Gross Domestic Product, 1997-2000
[Percent]

| Line |  | 1997 | 1998 | 1999 | 2000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Gross domestic product. | 100.0 | 100.0 | 100.0 | 100.0 |
| 2 | Compensation of employees ........... | 56.0 | 56.9 | 57.4 | 57.9 |
| 3 | Indirect business tax and nontax liability | 7.8 | 7.8 | 7.7 | 7.7 |
| 4 | Property-type income.. | 35.9 | 35.7 | 35.7 | 35.7 |
| 5 | Statistical discrepancy ${ }^{1} . . . . . . . . . . . . . . . . . . . . ~$ | 0.4 | -0.4 | -0.8 | -1.3 |
| 6 | Private industries | 100.0 | 100.0 | 100.0 | 100.0 |
| 7 | Compensation of employees | 52.0 | 53.1 | 53.7 | 54.4 |
| 8 | Indirect business tax and nontax liability ......... | 8.9 | 8.9 | 8.8 | 8.8 |
| 9 | Property-type income ................................. | 38.7 | 38.4 | 38.4 | 38.3 |
| 10 | Statistical discrepancy ${ }^{1}$. | 0.4 | -0.4 | -0.9 | -1.5 |
| 11 | Private goods-producing industries. | 100.0 | 100.0 | 100.0 | 100.0 |
| 12 | Compensation of employees | 58.5 | 60.0 | 59.6 | 59.6 |
| 13 | indirect business tax and nontax liability..... | 3.9 | 4.0 | 3.9 | 4.2 |
| 14 | Property-type income ............................. | 37.5 | 36.0 | 36.5 | 36.3 |
| 15 | Agriculture, torestry and fishing . | 100.0 | 100.0 | 100.0 | 100.0 |
| 16 | Compensation of employees ... | 33.0 | 36.2 | 39.1 | 38.0 |
| 17 | Indirect business tax and nontax liability | 5.4 | 5.4 | 5.8 | 5.5 |
| 18 | Property-type income .......................... | 61.7 | 58.4 | 55.1 | 56.4 |
| 19 | Mining... | 100.0 | 100.0 | 100.0 | 100.0 |
| 20 | Compensation of employees | 29.6 | 35.7 | 33.2 | 28.7 |
| 21 | Indirect business tax and nontax liability | 10.2 | 11.7 | 11.4 | 10.8 |
| 22 | Property-type income ........................... | 60.2 | 52.6 | 55.4 | 60.5 |
| 23 | Construction. | 100.0 | 100.0 | 100.0 | 100.0 |
| 24 | Compensation of employees | 65.3 | 64.6 | 64.1 | 64.3 |
| 25 | Indirect business tax and nontax liability | 2.3 | 2.3 | 2.2 | 2.1 |
| 26 | Property-type income .......................... | 32.4 | 33.1 | 33.7 | 33.6 |
| 27 | Manufacturing. | 100.0 | 100.0 | 100.0 | 100.0 |
| 28 | Compensation of employees | 61.8 | 62.6 | 61.9 | 62.5 |
| 29 | Indirect business tax and nontax liability | 3.6 | 3.8 | 3.8 | 4.1 |
| 30 | Property-type income........................... | 34.6 | 33.6 | 34.4 | 33.4 |
| 31 | Durable goods | 100.0 | 100.0 | 100.0 | 100.0 |
| 32 | Compensation of employees $\qquad$ Indirect business tax and nontax | 67.0 | 67.7 | 67.7 | 69.3 |
| 33 | Indirect business tax and nontax liability | 2.4 | 2.4 | 2.5 | 2.5 |
| 34 | Property-type income ................... | 30.6 | 29.8 | 29.8 | 28.1 |
| 35 | Nondurable goods. | 100.0 | 100.0 | 100.0 | 100.0 |
| 36 | Compensation of employees Indirect business tax and nontax | 54.8 | 55.5 | 53.9 | 53.3 |
| 37 | liability ................................... | 5.3 | 5.6 | 5.5 | 6.3 |
| 38 | Property-type income .................... | 39.9 | 38.9 | 40.6 | 40.4 |
| 39 | Private services-producing industries | 100.0 | 100.0 | 100.0 | 100.0 |
| 40 | Compensation of employees ............ | 49.9 | 50.4 | 51.0 | 51.5 |
| 41 | Indirect business tax and nontax liability..... | 10.8 | 10.6 | 10.4 | 10.3 |
| 42 | Property-type income ............................... | 39.3 | 39.0 | 38.6 | 38.2 |
| 43 | Transportation and public utilities ...... | 100.0 | 100.0 | 100.0 | 100.0 |
| 44 | Compensation of employees ................. | 43.5 | 44.0 | 45.0 | 45.4 |
| 45 | Indirect business tax and nontax liability | 9.9 | 10.1 | 9.9 | 9.8 |
| 46 | Property-type income ........................... | 46.6 | 45.9 | 45.1 | 44.8 |
| 47 | Wholesale trade | 100.0 | 100.0 | 100.0 | 100.0 |
| 48 | Compensation of employees | 54.2 | 55.2 | 56.8 | 57.2 |
| 49 | Indirect business tax and nontax liability | 21.5 | 20.8 | 20.7 | 20.6 |
| 50 | Property-type income......................... | 24.2 | 23.9 | 22.6 | 22.2 |
| 51 | Hetail trade ......................................... | 100.0 | 100.0 | 100.0 | 100.0 |
| 52 | Compensation of employees ................. | 57.5 | 56.8 | 57.3 | 57.1 |
| 53 | Indirect business tax and nontax liability | 18.1 | 17.9 | 18.0 | 18.1 |
| 54 | Property-type income .......................... | 24.4 | 25.3 | 24.7 | 24.8 |
| 55 | Finance, insurance and real estate .......... | 100.0 | 100.0 | 100.0 | 100.0 |
| 56 | Compensation of employees ................ | 24.0 | 25.0 | 25.3 | 25.7 |
| 57 | Indirect business tax and nontax liability | 12.4 | 11.9 | 11.7 | 11.5 |
| 58 | Property-type income .......................... | 63.6 | 63.1 | 63.0 | 62.8 |
| 59 | Services. | 100.0 | 100.0 | 100.0 | 100.0 |
| 60 | Compensation of employees | 71.6 | 72.2 | 72.3 | 72.9 |
| 61 | Indirect business tax and nontax liability | 3.0 | 3.0 | 3.0 | 2.9 |
| 62 | Property-type income.......................... | 25.4 | 24.8 | 24.7 | 24.2 |
| 63 | Government ............................................... | 100.0 | 100.0 | 100.0 | 100.0 |
| 64 | Compensation of employees ....................... | 82.9 | 82.9 | 82.8 | 82.9 |
| 65 | Indirect business tax and nontax liability........ | 0.0 | 0.0 | 0.0 | 0.0 |
| 66 | Property-type income................................ | 17.1 | 17.1 | 17.2 | 17.1 |

1. Equa
income.

Table 5.-Chain-Type Quantity Indexes for Gross Domestic Product by Industry, 1997-2000
[1996=100]

| Line |  | 1997 | 1998 | 1999 | 2000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Gross domestic product | 104.43 | 108.91 | 113.35 | 118.06 |
| 2 | Private industries | 105.28 | 110.27 | 115.60 | 120.39 |
| 3 | Private goods-producing industries. | 105.12 | 109.77 | 115.68 | 119.08 |
| 4 | Agriculture, forestry, and fishing. | 110.13 | 111.51 | 117.60 | 127.47 |
| 5 | Farms | 112.37 | 108.77 | 114.98 | 130.73 |
| 6 | Agricultural services, forestry, and fishing | 105.33 | 116.15 | 122.05 | 123.78 |
| 7 | Mining | 103.48 | 105.92 | 99.06 | 84.18 |
| 8 | Metal mining | 107.18 | 131.82 | 139.67 | 127.39 |
| 9 | Coal mining | 100.02 | 106.74 | 121.01 | 120.70 |
| 10 | Oil and gas extraction | 103.49 | 103.79 | 92.65 | 73.67 |
| 11 | Nonmetallic minerals, except fuels | 105.05 | 109.75 | 109.67 | 124.80 |
| 12 | Construction. | 102.58 | 110.26 | 116.92 | 119.86 |
| 13 | Manufacturing | 105.41 | 109.75 | 116.41 | 121.17 |
| 14 | Durable goods | 108.62 | 119.30 | 128.95 | 138.16 |
| 15 | Lumber and wood products | 99.03 | 100.44 | 107.63 | 110.54 |
| 16 | Furniture and fixtures ....... | 106.91 | 110.67 | 115.33 | 117.94 |
| 17 | Stone, clay, and glass products | 110.48 | 110.37 | 115.68 | 119.73 |
| 18 | Primary metal industries ......... | 103.56 | 107.16 | 112.59 | 112.89 |
| 19 | Fabricated metal products | 103.25 | 103.61 | 105.65 | 106.97 |
| 20 21 | Industrial machinery and equipment Electronic and other electric | 116.19 | 143.69 | 157.31 | 173.16 |
|  | equipment | 118.93 | 137.65 | 166.98 | 213.90 |
| 22 | Motor vehicles and equipment | 105.24 | 121.02 | 124.40 | 126.71 |
| 23 | Other transportation equipment. | 106.55 | 110.15 | 118.95 | 107.31 |
| 24 | Instruments and related products..... | 92.59 | 91.24 | 89.59 | 89.55 |
| 25 | Miscellaneous manufacturing industries. | 104.56 | 104.66 | 113.22 | 116.71 |
| 26 | Nondurable goods ....................................... | 101.25 | 97.87 | 101.12 | 101.12 |
| 27 | Food and kindred products | 99.50 | 94.43 | 98.88 | 99.58 |
| 28 | Tobacco products. | 93.78 | 80.59 | 42.79 | 41.81 |
| 29 | Textile mill products | 98.49 | 95.25 | 93.15 | 95.23 |
| 30 | Apparel and other textile products..... | 98.16 | 93.60 | 83.73 | 83.28 |
| 31 | Paper and allied products................ | 104.27 | 100.48 | 102.60 | 89.38 |
| 32 | Printing and publishing .................. | 97.90 | 96.97 | 99.79 | 98.18 |
| 33 34 | Chemicals and allied products | 106.89 | 101.02 | 109.81 | 119.88 |
| 34 | Petroleum and coal products..... | 84.78 | 87.59 | 113.93 | 84.44 |
| 35 | Rubber and miscellaneous plastics products | 107.12 | 112.01 | 117.14 | 120.45 |
| 36 | Leather and leather products............ | 101.13 | 91.72 | 87.85 | 92.52 |
| 37 | Private services-producing industries ........ | 105.45 | 111.81 | 117.77 | 124.17 |
| 38 | Transportation and public utilities .......... | 100.36 | 102.51 | 110.63 | 117.29 |
| 39 | Transportation. | 102.27 | 105.97 | 110.34 | 115.48 |
| 40 | Railroad transportation. | 97.27 | 97.27 | 96.16 | 98.98 |
| 41 | Local and interurban passenger transit. | 109.68 | 115.54 | 123.79 | 135.84 |
| 42 | Trucking and warehousing................... | 98.29 | 103.69 | 108.96 | 114.74 |
| 43 | Water transportation. | 108.45 | 108.03 | 97.03 | 96.43 |
| 44 | Transportation by air. | 106.16 | 108.46 | 114.26 | 120.03 |
| 45 | Pipelines, except natural gas | 108.49 | 111.33 | 111.86 | 113.01 |
| 46 | Transportation services ................... | 102.65 | 107.94 | 115.85 | 118.89 |
| 47 | Communications ............................. | 101.42 | 107.71 | 119.46 | 132.24 |
| 48 | Telephone and telegraph.................. | 102.43 | 110.62 | 126.89 | 141.81 |
| 49 | Radio and television | 98.32 | 99.17 | 99.05 | 106.55 |
| 50 | Electric, gas, and sanitary services. | 97.01 | 93.03 | 102.24 | 104.64 |
| 51 | Wholesale trade | 110.30 | 125.25 | 130.07 | 133.77 |
| 52 | Retail trade | 108.48 | 116.43 | 122.79 | 131.82 |
| 53 | Finance, insurance, and real estate | 105.85 | 112.90 | 119.26 | 125.94 |
| 54 | Depository institutions | 102.11 | 106.41 | 111.24 | 119.58 |
| 55 | Nondepository institutions .................. | 136.62 | 146.15 | 154.45 | 170.17 |
| 56 | Security and commodity brokers.......... | 118.82 | 151.02 | 194.35 | 269.09 |
| 57 | Insurance carriers.................... | 109.86 | 109.48 | 109.57 | 106.23 |
| 58 | Insurance agents, brokers, and service | 100.07 | 106.01 | 120.42 | 122.95 |
| 59 | Real estate. | 103.68 | 108.40 | 113.15 | 116.83 |
| 60 | Nonfarm housing services | 101.00 | 103.45 | 107.14 | 110.16 |
| 61 | Other real estate. | 111.94 | 123.89 | 132.07 | 137.91 |
| 62 | Holding and other investment offices .... | 125.90 | 331.94 | 228.52 | 159.07 |
| 63 | Services ............................................ | 104.35 | 108.61 | 113.46 | 119.24 |
| 64 | Hotels and other lodging places ............ | 97.69 | 95.49 | 97.81 | 101.65 |
| 65 | Personal services .............................. | 103.49 | 113.10 | 110.76 | 112.63 |
| 66 | Business services............................. | 112.19 | 119.98 | 132.17 | 143.41 |
| 67 | Auto repair, services, and parking ........ | 101.92 | 109.63 | 117.70 | 122.30 |
| 68 | Miscellaneous repair services.............. | 96.66 | 99.07 | 92.34 | 89.79 |
| 69 | Motion pictures .............................. | 104.52 | 114.62 | 118.56 | +21.61 |
| 70 | Amusement and recreation services...... | 107.90 | 111.59 | 117.21 | 119.25 |
| 71 | Health services | 100.08 | 100.39 | 102.50 | 105.73 |
| 72 | Legal services. | 106.44 | 109.56 | 112.66 | 117.97 |
| 73 | Educational services | 101.13 | 105.32 | 107.49 | 111.28 |
| 74 | Social services. | 101.66 | 105.26 | 107.94 | 111.61 |
| 75 | Membership organizations | 99.57 | 98.21 | 98.29 | 100.94 |
| 76 | Other services ................. | 105.88 | 114.21 | 119.99 | 128.91 |
| 77 | Private households | 97.71 | 110.40 | 97.57 | 99.69 |
| 78 | Government | 101.48 | 102.64 | 103.95 | 106.37 |
| 79 | Federal. | 100.10 | 100.19 | 99.90 | 101.76 |
| 80 | General government............................. | 98.60 | 98.02 | 97.89 | 99.35 |
| 81 | Government enterprises ......................... | 108.22 | 112.00 | 110.83 | 114.97 |
| 82 | State and local. | 102.19 | 103.89 | 106.01 | 108.71 |
| 83 | General government | 102.05 | 104.18 | 105.98 | 108.49 |
| 84 | Government enterprises .......................... | 103.65 | 100.71 | 106.37 | 111.18 |

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

| Line |  | 1998 | 1999 | 2000 | Average annual rate of change 1997-2000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Gross domestic product. | 4.3 | 4.1 | 4.1 | 4.2 |
| 2 | Private industries | 4.7 | 4.8 | 4.1 | 4.6 |
| 3 | Private goods-producing industries. | 4.4 | 5.4 | 2.9 | 4.2 |
| 4 | Agriculture, forestry, and fishing. | 1.3 | 5.5 | 8.4 | 5.0 |
| - | Farms. | -3.2 | 5.7 | 13.7 | 5.2 |
| 6 | Agricultural services, forestry, and fishing $\qquad$ | 10.3 | 5.1 | 1.4 | 5.5 |
| 7 | Mining.. | 2.4 | -6.5 | -15.0 | -6.6 |
| 8 | Metal mining | 23.0 | 6.0 | -8.8 | 5.9 |
| 9 | Coal mining. | 6.7 | 13.4 | -0.3 | 6.5 |
| 10 | Oil and gas extraction. | 0.3 | -10.7 | -20.5 | -10.7 |
| 11 | Nonmetallic minerals, except fuels ........ | 4.5 | -0.1 | 13.8 | 5.9 |
| 12 | Construction. | 7.5 | 6.0 | 2.5 | 5.3 |
| 13 | Manufacturing | 4.1 | 6.1 | 4.1 | 4.8 |
| 14 | Durable goods | 9.8 | 8.1 | 7.1 | 8.3 |
| 15 | Lumber and wood products | 1.4 | 7.2 | 2.7 | 3.7 |
| 16 | Furniture and fixtures.. | 3.5 | 4.2 | 2.3 | 3.3 |
| 17 | Stone, clay, and glass products ......... | -0.1 | 4.8 | 3.5 | 2.7 |
| 18 | Primary metal industries .................. | 3.5 | 5.1 | 0.3 | 2.9 |
| 19 | Fabricated metal products ................ | 0.4 | 2.0 | 1.2 | 1.2 |
| 20 | Industrial machinery and equipment | 23.7 | 9.5 | 10.1 | 14.2 |
| 21 | Electronic and other electric equiprnent | 15.7 | 21.3 | 28.1 | 21.6 |
| 22 | Motor vehicles and equipment. | 15.0 | 2.8 | 1.9 | 6.4 |
| 23 | Other transportation equipment ........ | 3.4 | 8.0 | -9.8 | 0.2 |
| 24 | Instruments and related products ...... | -1.5 | -1.8 | -0.0 | -1.1 |
| 25 | Misceilaneous manufacturing industries | 0.1 | 8.2 | 3.1 | 3.7 |
| 26 | Nondurable goods. | -3.3 | 3.3 | -0.0 | -0.0 |
| 27 | Food and kindred products............... | -5.1 | 4.7 | 0.7 | 0.0 |
| 28 | Tobacco products .......................... | -14.1 | -46.9 | -2.3 | -23.6 |
| 29 | Textile mill products ....................... | -3.3 | -2.2 | 2.2 | -1.1 |
| 30 | Apparel and other textile products...... | -4.6 | -10.5 | -0.5 | -5.3 |
| 31 | Paper and allied products ................. | -3.6 | 2.1 | -12.9 | -5.0 |
| 32 | Printing and publishing ................... | -1.0 | 2.9 | -1.6 | 0.1 |
| 33 | Chemicals and allied products........... | -5.5 | 8.7 | 9.2 | 3.9 |
| 34 | Petroleum and coal products........... | 3.3 | 30.1 | -25.9 | -0.1 |
| 35 | Rubber and miscellaneous plastics products $\qquad$ | 4.6 | 4.6 | 2.8 | 4.0 |
| 36 | Leather and leather products............ | -9.3 | -4.2 | 5.3 | -2.9 |
| 37 | Private services-producing industries......... | 6.0 | 5.3 | 5.4 | 5.6 |
| 38 | Transportation and public utilities ........... | 2.1 | 7.9 | 6.0 | 5.3 |
| 39 | Transportation.................................. | 3.6 | 4.1 | 4.7 | 4.1 |
| 40 | Railroad transportation.................... | -0.0 | -1.1 | 2.9 | 0.6 |
| 41 | Local and interurban passenger transit | 5.3 | 7.1 | 9.7 | 7.4 |
| 42 | Trucking and warehousing................ | 5.5 | 5.1 | 5.3 | 5.3 |
| 43 | Water transportation............................ | -0.4 | -10.2 | -0.6 | -3.8 |
| 44 | Transportation by air ....................... | 2.2 | 5.3 | 5.1 | 4.2 |
| 45 | Pipelines, except natural gas ............. | 2.6 | 0.5 | 1.0 | 1.4 |
| 46 | Transportation services .................... | 5.2 | 7.3 | 2.6 | 5.0 |
| 47 | Communications .............................. | 6.2 | 10.9 | 10.7 | 9.2 |
| 48 | Telephone and telegraph. | 8.0 | 14.7 | 11.8 | 11.5 |
| 49 | Radio and television. | 0.9 | -0.1 | 7.6 | 2.7 |
| 50 | Electric, gas, and sanitary services........ | -4.1 | 9.9 | 2.3 | 2.6 |
| 51 | Wholesale trade | 13.6 | 3.8 | 2.8 | 6.6 |
| 52 | Retail trade. | 7.3 | 5.5 | 7.3 | 6.7 |
| 53 | Finance, insurance, and real estate ........ | 6.7 | 5.6 | 5.6 | 6.0 |
| 54 | Depository institutions ........................ | 4.2 | 4.5 | 7.5 | 5.4 |
| 55 | Nondepository institutions .................. | 7.0 | 5.7 | 10.2 | 7.6 |
| 56 | Security and commodity brokers........... | 27.1 | 28.7 | 38.5 | 31.3 |
| 57 | insurance carriers ............................ | -0.3 | 0.1 | -3.0 | -1.1 |
| 58 | Insurance agents, brokers, and service | 5.9 | 13.6 | 2.1 | 7.1 |
| 59 | Real estate. | 4.6 | 4.4 | 3.3 | 4.1 |
| 60 | Nonfarm housing services................ | 2.4 | 3.6 | 2.8 | 2.9 |
| 61 | Other real estate............................ | 10.7 | 6.6 | 4.4 | 7.2 |
| 62 | Holding and other investment offices..... | 163.6 | $-31.2$ | -30.4 | 8.1 |
| 63 | Services............................................ | 4.1 | 4.5 | 5.1 | 4.5 |
| 64 | Hotels and other lodging places ............ | -2.3 | 2.4 | 3.9 | 1.3 |
| 65 | Personal services .............................. | 9.3 | -2.1 | 1.7 | 2.9 |
| 66 | Business services.............................. | 6.9 | 10.2 | 8.5 | 8.5 |
| 67 | Auto repair, services, and parking ......... | 7.6 | 7.4 | 3.9 | 6.3 |
| 68 | Miscellaneous repair services............... | 2.5 | -6.8 | -2.8 | -2.4 |
| 69 | Motion pictures ................................ | 9.7 | 3.4 | 2.6 | 5.2 |
| 70 | Amusement and recreation services....... | 3.4 | 5.0 | 1.7 | 3.4 |
| 71 | Health services .................................. | 0.3 | 2.1 | 3.2 | 1.8 |
| 72 | Legal services......... | 2.9 | 2.8 | 4.7 | 3.5 |
| 73 | Educational services ........................... | 4.1 | 2.1 | 3.5 | 3.2 |
| 74 | Social services.. | 3.5 | 2.5 | 3.4 | 3.2 |
| 75 | Membership organizations. | -1.4 | 0.1 | 2.7 | 0.5 |
| 76 | Other services. | 7.9 | 5.1 | 7.4 | 6.8 |
| 77 | Private households... | 13.0 | -11.6 | 2.2 | 0.7 |
| 78 | Government | 1.1 | 1.3 | 2.3 | 1.6 |
| 79 | Federal. | 0.1 | -0.3 | 1.9 | 0.5 |
| 80 | General government .............................. | -0.6 | -0.1 | 1.5 | 0.3 |
| 81 | Government enterprises ......................... | 3.5 | -1.0 | 3.7 | 2.0 |
| 82 | State and local... | 1.7 | 2.0 | 2.5 | 2.1 |
| 83 | General government .............................. | 2.1 | 1.7 | 2.4 | 2.1 |
| 84 | Government enterprises ......................... | -2.8 | 5.6 | 4.5 | 2.4 |

Table 6.—Real Gross Domestic Product by Industry, 1997-2000
[Billions of chained (1996) dollars]

| Line |  | 1997 | 1998 | 1999 | 2000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Gross domestic product. | 8,159.5 | 8,508.9 | 8,856.5 | 9,224.0 |
| 2 | Private industries | 7,151.2 | 7,490.6 | 7,852.7 | 8,177.6 |
| 3 | Private goods-producing industrias ............ | 1,971.9 | 2,059.2 | 2,170.1 | 2,233.8 |
| 4 | Agriculture, forestry, and fishing ............ | 143.7 | 145.5 | 153.4 | 166.3 |
| A | Farms. | 103.6 | 100.3 | 106.0 | 120.5 |
| 6 | Agricultural services, forestry, and fishing $\qquad$ | 40.3 | 44.4 | 46.7 | 47.3 |
| 7 | Mining | 117.0 | 119.7 | 112.0 | 95.2 |
|  | Metal mining | 6.3 | 7.7 | 8.2 | 7.4 |
| 9 | Coal mining | 11.2 | 11.9 | 13.5 | 13.5 |
| 10 | 0 Oil and gas extraction | 89.1 | 89.4 | 79.8 | 63.4 |
| 11 | Nonmetallic minerals, except fuels ........ | 10.4 | 10.9 | 10.9 | 12.4 |
| 12 | Construction. | 324.6 | 348.9 | 370.0 | 379.3 |
| 13 | Manufacturing | 1,387.2 | 1,444.3 | 1,532.1 | 1,594.6 |
| 14 | Durable goods | 813.0 | 892.9 | 965.1 | 1,034.1 |
| 15 | Lumber and wood products | 39.5 | 40.1 | 43.0 | 44.1 |
| 16 | Furniture and fixtures. | 22.1 | 22.9 | 23.9 | 24.4 |
| 17 | Stone, clay, and glass products ........ | 36.6 | 36.6 | 38.4 | 39.7 |
| 18 | Primary metal industries ... | 52.7 | 54.5 | 57.2 | 57.4 |
| 19 | Fabricated metal products. | 96.2 | 96.5 | 98.4 | 99.6 |
| 20 | Industriai machinery and equipment Electronic and other electric | 158.4 | 195.8 | 214.4 | 236.0 |
|  | equipment | 182.2 | 210.8 | 255.8 | 327.7 |
| 22 | Motor vehicies and equipment ......... | 97.1 | 111.6 | 114.7 | 116.9 |
| 23 | Other transportation equipment........ | 54.8 | 56.7 | 61.2 | 55.2 |
| 24 | Instruments and related products...... | 49.8 | 49.0 | 48.2 | 48.1 |
| 25 | Miscellaneous manufacturing industries... | 24.8 | 24.9 | 26.9 | 27.7 |
| 26 | Nondurable goods | 574.7 | 555.5 | 574.0 | 574.0 |
| 27 | Food and kindred products | 118.1 | 112.1 | 117.3 | 118.2 |
| 28 | Tobacco products. | 13.9 | 11.9 | 6.3 | 6.2 |
| 29 | Textile mill products | 25.0 | 24.1 | 23.6 | 24.1 |
| 30 | Apparel and other textile products.... | 26.5 | 25.2 | 22.6 | 22.5 |
| 31 | Paper and allied products ................ | 58.3 | 56.2 | 57.3 | 50.0 |
| 32 | Printing and publishing .................. | 86.4 | 85.6 | 88.1 | 86.6 |
| 33 | Chemicals and allied products .......... | 164.2 | 155.2 | 168.7 | 184.2 |
| 34 | Petroleum and coal products........... | 25.6 | 26.4 | 34.4 | 25.5 |
| 35 | Rubber and miscellaneous plastics products | 53.2 | 55.6 | 58.2 | 59.8 |
| 36 | Leather and leather products.... | 4.2 | 3.8 | 3.7 | 3.9 |
| 37 | Private services-producing industries.. | 5,150.1 | 5,461.0 | 5,752.1 | 6,064.6 |
| 38 | Transportation and public utilities .... | 668.7 | 683.1 | 737.2 | 781.5 |
| 39 | Transportation ................................ | 248.9 | 257.9 | 268.6 | 281.1 |
| 40 | Railroad transportation.................. | 22.8 | 22.8 | 22.5 | 23.2 |
| 41 | Local and interurban passenger transit | 14.7 | 15.5 | 16.6 | 18.2 |
| 42 | Trucking and warehousing................ | 90.5 | 95.5 | 100.3 | 105.7 |
| 43 | Water transportation.. | 13.2 | 13.2 | 11.8 | 11.7 |
| 44 | Transportation by air.. | 75.2 | 76.8 | 80.9 | 85.0 |
| 45 | Pipelines, except natural gas .. | 6.2 | 6.4 | 6.4 | 6.4 |
| 46 | Transportation services...... | 26.4 | 27.8 | 29.8 | 30.6 |
| 47 | Communications. | 217.7 | 231.2 | 256.5 | 283.9 |
| 48 | Telephone and telegraph | 167.9 | 181.3 | 208.0 | 232.5 |
| 49 | Radio and television ...................... | 49.9 | 50.3 | 50.3 | 54.1 |
| 50 | Electric. gas, and sanitary services........ | 202.0 | 193.7 | 212.9 | 217.9 |
| 51 | Wholesale trade | 584.1 | 663.3 | 688.8 | 708.4 |
| 52 | Retail trade. | 745.3 | 800.0 | 843.7 | 905.7 |
| 53 | Finance, insurance, and real estate | 1,520.8 | 1,622.1 | 1,713.5 | 1,809.5 |
| 54 | Depository institutions. | 246.1 | 256.5 | 268.1 | 288.2 |
| 55 | Nondepository institutions | 53.6 | 57.3 | 60.6 | 66.8 |
| 56 | Security and commodity brokers | 128.4 | 163.2 | 210.0 | 290.7 |
| 57 | Insurance carriers.. | 135.5 | 135.1 | 135.2 | 131.1 |
| 58 | Insurance agents, brokers, and service | 48.9 | 51.8 | 58.9 | 60.1 |
| 59 | Real estate..................................... | 903.7 | 944.9 | 986.2 | 1,018.3 |
| 60 | Nontarm housing services. | 661.1 | 677.2 | 701.3 | 721.1 |
| 61 | Other real estate .......................... | 243.0 | 268.9 | 286.6 | 299.3 |
| 62 | Holding and other investment offices .... | 5.8 | 15.4 | 10.6 | 7.4 |
| 63 | Services.. | 1,632.2 | 1,699.0 | 1,774.8 | 1,865.2 |
| 64 | Hotels and other lodging places | 64.7 | 63.3 | 64.8 | 67.3 |
| 65 | Personal services | 49.2 | 53.7 | 52.6 | 53.5 |
| 66 | Business services... | 384.1 | 410.7 | 452.5 | 490.9 |
| 67 | Auto repair, services, and parking | 69.8 | 75.1 | 80.6 | 83.7 |
| 68 | Miscellaneous repair services........ | 21.1 | 21.6 | 20.2 | 19.6 |
| 69 | Motion pictures .............................. | 25.8 | 28.2 | 29.2 | 30.0 |
| 70 | Amusement and recreation services...... | 62.9 | 65.1 | 68.3 | 69.5 |
| 71 | Health services | 459.5 | 460.9 | 470.5 | 485.4 |
| 72 | Legal services.... | 104.3 | 107.3 | 110.4 | 115.6 |
| 73 | Educational services | 58.7 | 61.1 | 62.4 | 64.6 |
| 74 | Social services..... | 50.5 | 52.3 | 53.7 | 55.5 |
| 75 | Membership organizations. | 49.0 | 48.3 | 48.3 | 49.6 |
| 76 | 0 0ther services ................. | 221.2 | 238.6 | 250.7 | 269.3 |
| 77 | Private households... | 11.7 | 13.3 | 11.7 | 12.0 |
| 78 | Statistical discrepancy ${ }^{1}$. | 29.2 | -30.1 | -69.9 | -123.0 |
| 79 | Government ..................... | 1,035.5 | 1,047.3 | 1,060.7 | 1,085.4 |
| 80 | Federal. | 347.2 | 347.6 | 346.5 | 353.0 |
| 81 | General government. | 287.9 | 286.2 | 285.8 | 290.1 |
| 82 | Government enterprises | 59.4 | 61.5 | 60.8 | 63.1 |
| 83 | State and local. | 688.3 | 699.7 | 714.0 | 732.2 |
| 84 | General government | 629.3 | 642.5 | 653.5 | 669.0 |
| 85 | Government enterprises ... | 58.9 | 57.3 | 60.5 | 63.2 |
| 86 | Not allocated by industry ${ }^{\text {a }}$. | -33.3 | -48.9 | -110.6 | -170.7 |

1. Equals the current-dollar statistical discrepancy deflated by the implicit price deflator for gross domestic business product.
2. Equals gross domestic product (GDP) less the statistical discrepancy and the sum of GDP by industry of the detailed industries. The value of not allocated by industry reflects the nonad ditivity 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, 1997-2000
[1996=100]

| Line |  | 1997 | 1998 | 1999 | 2000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Gross domestic product | 101.95 | 103.20 | 104.65 | 107.04 |
| 2 | Private industries | 101.43 | 102.50 | 103.36 | 105.86 |
| 3 | Private goods-producing industries | 99.74 | 99.10 | 99.21 | 102.65 |
| 4 | Agriculture, torestry, and fishing | 90.50 | 88.00 | 82.94 | 81.64 |
| 5 | Farms. | 85.20 | 80.35 | 70.07 | 65.55 |
| 6 | Agricultural services, forestry, and fishing $\qquad$ | 103.61 | 106.76 | 113.43 | 119.85 |
| 7 | Mining. | 101.67 | 83.73 | 92.26 | 133.55 |
| 8 | Metal minin | 89.62 | 69.73 | 61.30 | 65.92 |
| 9 | Coal mining. | 94.89 | 89.81 | 78.44 | 74.54 |
| 10 | Oil and gas extraction | 103.10 | 81.51 | 95.53 | 156.88 |
| 11 | Nonmetallic minerals, excep | 104.04 | 104.04 | 105.71 | $10+.95$ |
| 12 | Construction. | 104.18 | 109.15 | 115.02 | 122.25 |
| 13 | Manufacturing | 99.45 | 99.11 | 97.70 | 98.24 |
| 14 | Durable goods | 97.33 | 93.03 | 89.71 | 87.20 |
| 15 | Lumber and wood prod | 104.16 | 104.49 | 107.69 | 100.71 |
| 16 | Furniture and fixtures | 102.63 | 106.06 | 108.71 | 109.27 |
| 17 | Stone, clay, and glass product | 101.56 | 105.73 | 110.83 | 110.53 |
| 18 | Primary metal industries | 99.84 | 97.50 | 87.64 | 92.19 |
| 19 | Fabricated metal products | 101.49 | 105.34 | 109.31 | 109.13 |
| 20 | industrial machinery and equipment Electronic and other electric | 90.43 | 80.97 | 73.37 | 71.02 |
|  | equipment | 91.05 | 75.48 | 64.72 | 55.31 |
| 22 | Motor vehicles and equipment | 99.46 | 99.90 | 103.62 | 102.87 |
| 23 | Other transportation equipment ........ | 101.33 | 103.02 | 105.36 | 113.59 |
| 24 25 | Instruments and related products ...... | 107.65 | 117.33 | 122.06 | 133.40 |
| 25 | Miscellaneous manufacturing industries | 101.50 | 103.94 | 105.12 | 104.95 |
| 26 | Nondurable goods | 102.38 | 108.15 | 109.94 | 115.83 |
| 27 | Food and kindred products | 104.29 | 108.72 | 113.27 | 115.94 |
| 28 | Tobacco products | 111.06 | 145.23 | 298.10 | 360.31 |
| 29 | Textile mill products | 103.17 | 106.73 | 108.08 | 102.49 |
| 30 | Apparel and other textile pro | 100.33 | 103.05 | 107.74 | 104.98 |
| 31 | Paper and allied products | 92.38 | 99.22 | 101.09 | 119.93 |
| 32 | Printing and publishing. | 105.50 | 111.71 | 116.67 | 121.73 |
| 33 | Chemicals and allied product | 100.31 | 106.15 | 103.78 | 103.77 |
| 34 | Petroleum and coal products......... | 122.73 | 124.44 | 88.43 | 143.21 |
| 35 | Rubber and miscellaneous plas products | 97.88 | 102.18 | 101.88 | 100.62 |
| 36 | Leather and leather products. | 101.95 | 105.77 | 106.33 | 103.57 |
| 37 | Private services-producing industries | 102.08 | 103.80 | 104.95 | 107.08 |
| 38 | Transportation and public utilities. | 102.94 | 107.17 | 105.37 | 105.56 |
| 39 | Transportation. | 105.16 | 111.92 | 112.70 | 111.67 |
| 40 | Railroad transportation. | 100.87 | 106.44 | 102.90 | 98.55 |
| 41 | Local and interurban passen transit | 101.27 | 108.45 | 105.93 | 102.73 |
| 42 | Trucking and warehousing | 109.80 | 119.47 | 121.54 | 119.25 |
| 43 | Water transportation. | 98.98 | 103.58 | 115.63 | 126.08 |
| 44 | Transportation by air... | 104.51 | 111.67 | 111.54 | 109.39 |
| 45 | Pipelines, except natural gas | 92.93 | 95.88 | 95.57 | 95.69 |
| 46 | Transportation services | 102.44 | 100.82 | 100.33 | 105.62 |
| 47 | Communications. | 101.39 | 103.15 | 100.81 | 99.02 |
| 48 | Telephone and telegr | 99.29 | 98.95 | 94.44 | 89.86 |
| 49 | Radio and television | 108.33 | 117.40 | 123.51 | 133.57 |
| 50 | Electric, gas, and sanitary services | 101.92 | 105.73 | 101.24 | 105.56 |
| 51 | Wholesale trade | 97.04 | 91.65 | 91.98 | 95.17 |
| 52 | Retail trade | 99.35 | 98.80 | 98.96 | 98.69 |
| 53 | Finance, insurance, and real estate | 103.23 | 105.32 | 105.67 | 107.00 |
| 54 | Depository institutions. | 111.31 | 116.99 | 121.43 | 127.16 |
| 55 | Nondepository institutions | 93.12 | 92.15 | 88.68 | 88.31 |
| 56 | Security and commodity br | 94.11 | 88.21 | 66.08 | 49.59 |
| 57 | Insurance carriers. | 107.82 | 111.22 | 117.11 | 127.93 |
| 58 | Insurance agents, brokers, and service | 104.90 | 108.95 | 111.20 | 111.98 |
| 59 | Real estate.. | 101.81 | 103.89 | 106.59 | 109.62 |
| 60 | Nonfarm housing services | 102.72 | 106.13 | 109.00 | 112.40 |
| 61 | Other real estate | 99.18 | 97.77 | 100.05 | 102.16 |
| 62 | Holding and other investment off | 132.67 | 152.21 | 166.00 | 209.31 |
| 63 | Services.... | 103.63 | 107.71 | 111.61 | 116.06 |
| 64 | Hoteis and other lodging places | 108.88 | 116.19 | 124.11 | 128.43 |
| 65 | Personal services | 103.75 | 106.08 | 109.04 | 112.84 |
| 66 | Business services | 102.98 | 107.07 | 111.09 | 116.46 |
| 67 | Auto repair, services, and parking | 104.28 | 107.93 | 109.25 | 112.17 |
| 68 | Miscellaneous repair services..... | 105.50 | 112.88 | 124.86 | 135.89 |
| 69 | Motion pictures .................. | 102.16 | 103.14 | 109.42 | 116.59 |
| 70 | Amusement and recreation services. | 103.17 | 107.79 | 109.88 | 116.20 |
| 71 | Health services | 102.77 | 106.55 | 109.73 | 112.65 |
| 72 | Legal services. | 104.53 | 108.71 | 111.49 | 115.55 |
| 73 | Educational services | 104.23 | 110.50 | 115.60 | 121.63 |
| 74 | Social services. | 104.06 | 110.18 | 115.21 | 121.73 |
| 75 | Membership organizations. | 105.38 | 111.00 | 120.59 | 127.97 |
| 76 | Other services. | 103.85 | 106.65 | 110.05 | 113.71 |
| 77 | Private household | 102.57 | 105.44 | 108.50 | 113.36 |
| 78 | Government | 102.83 | 105.35 | 108.58 | 112.07 |
| 79 | Federal. | 102.14 | 103.55 | 106.69 | 109.63 |
| 81 | General government | 102.61 | 104.30 | 107.79 | 111.62 |
| 81 | Government enterprises. | 99.72 | 99.79 | 101.30 | 100.10 |
| 82 | Stale and local. | 103.18 | 106.25 | 109.53 | 113.29 |
|  | General government | 103.16 | 106.04 | 109.66 | 113.66 |
| 84 | Government enterprises .................... | 103.38 | 108.65 | 108.17 | 109.24 |

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

| Line |  | 1998 | 1999 | 2000 | Average annual rate of change 1997-2000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Gross domestic product. | 1.2 | 1.4 | 2.3 | 1.6 |
| 2 | Private industries | 1.1 | 0.8 | 2.4 | 1.4 |
| 3 | Private goods-producing industries. | -0.6 | 0.1 | 3.5 | 1.0 |
| 5 | Agriculture, lorestry, and fishing | -2.8 | -5.8 | -1.6 | -3.4 |
| 5 | Farms ................................ | -5.7 | -12.8 | -6.5 | -8.4 |
| 6 | Agricultural services, forestry, and fishing $\qquad$ | 3.0 | 6.2 | 5.7 | 5.0 |
| 7 | Mining.............................................. | -17.6 | 10.2 | 44.8 | 9.5 |
| 8 | Metal mining | -22.2 | -12.1 | 7.5 | -9.7 |
| 9 | Coal mining . | -5.3 | -12.7 | -5.0 | -7.7 |
| 10 | Oil and gas extraction | -20.9 | 17.2 | 64.2 | 15.0 |
| 11 | Nonmetallic minerals, except fuels ........ | 0.0 | 1.6 | -3.6 | -0.7 |
| 12 | Construction. | 4.8 | 5.4 | 6.3 | 5.5 |
| 13 | Manufacturing.................................... | -0.3 | -1.4 | 0.6 | -0.4 |
| 14 | Durable goods ................................. | -4.4 | -3.6 | -2.8 | -3.6 |
| 15 | Lumber and wood products .............. | 0.3 | 3.1 | -6.5 | -1.1 |
| 16 | Furriiture and fixtures ..................... | 3.3 | 2.5 | 0.5 | 2.1 |
| 17 | Stone, clay, and glass products ......... | 4.1 | 4.8 | -0.3 | 2.9 |
| 18 | Primary metal industries ................. | -2.3 | -10.1 | 5.2 | -2.6 |
| 19 | Fabricated metal products ............... | 3.8 | 3.8 | -0.2 | 2.4 |
| 20 | Industrial machinery and equipment | -10.5 | -9.4 | -3.2 | -7.7 |
| 21 | Electronic and other electric equipment | -17.1 | -14.3 | -14.5 | -15.3 |
| 22 | Motor vehicles and equipment ......... | 0.4 | 3.7 | -0.7 | 1.1 |
| 23 | Other transportation equipment........ | 1.7 | 2.3 | 7.8 | 3.9 |
| 24 25 | Instruments and related products...... Miscellaneous manufacturing | 9.0 | 4.0 | 9.3 | 7.4 |
|  | industries.... | 2.4 | 1.1 | -0.2 | 1.1 |
| 26 | Nondurable goods. | 5.6 | 1.7 | 5.4 | 4.2 |
| 27 | Food and kindred products.............. | 4.2 | 4.2 | 2.4 | 3.6 |
| 28 | Tobacco products ......................... | 30.8 | 105.3 | 20.9 | 48.0 |
| 29 | Textile mill products | 3.4 | 1.3 | -5.2 | -0.2 |
| 30 | Apparel and other textile products. | 2.7 | 4.6 | -2.6 | 1.5 |
| 31 | Paper and allied products............. | 7.4 | 1.9 | 18.6 | 9.1 |
| 32 | Printing and publishing .. | 5.9 | 4.4 | 4.3 | 4.9 |
| 33 | Chemicals and allied products.......... | 5.8 | -2.2 | -0.0 | 1.1 |
| 34 | Petroleum and coal products........... | 1.4 | -28.9 | 61.9 | 5.3 |
| 35 | Rubber and miscellaneous plastics products | 4.4 | -0.3 | -1.2 | 0.9 |
| 36 | Leather and leather products ............ | 3.7 | 0.5 | -2.6 | 0.5 |
| 37 | Private services-producing industries ........ | 1.7 | 1.1 | 2.0 | 1.6 |
| 38 | Transportation and public utilities .......... | 4.1 | -1.7 | 0.2 | 0.8 |
| 39 | Transportation .................................. | 6.4 | 0.7 | -0.9 | 2.0 |
| 40 | Railroad transportation................... | 5.5 | -3.3 | -4.2 | -0.8 |
| 41 | Local and interurban passenger transit $\qquad$ | 7.1 | -2.3 | -3.0 | 0.5 |
| 42 | Trucking and warehousing................ | 8.8 | 1.7 | -1.9 | 2.8 |
| 43 | Water transportation...................... | 4.6 | 11.6 | 9.0 | 8.4 |
| 44 | Transportation by air...................... | 6.9 | -0.1 | -1.9 | 1.5 |
| 45 | Pipelines, except natural gas ............ | 3.2 | -0.3 | 0.1 | 1.0 |
| 46 | Transportation services ................... | -1.6 | -0.5 | 5.3 | 1.0 |
| 47 | Communications .............................. | 1.7 | -2.3 | -1.8 | -0.8 |
| 48 | Telephone and telegraph.................. | -0.3 | -4.6 | -4.9 | -3.3 |
| 49 | Radio and television ...... | 8.4 | 5.2 | 8.1 | 7.2 |
| 50 | Electric, gas, and sanitary services....... | 3.7 | -4.2 | 4.3 | 1.2 |
| 51 | Wholesale trade.. | -5.6 | 0.4 | 3.5 | -0.6 |
| 52 | Retall trade. | -0.6 | 0.2 | -0.3 | -0.2 |
| 53 | Finance, insurance, and real estate ........ | 2.0 | 0.3 | 1.3 | 1.2 |
| 54 | Depository institutions ...................... | 5.1 | 3.8 | 4.7 | 4.5 |
| 55 | Nondepository institutions ................. | -1.0 | $-3.8$ | $-0.4$ | -1.8 |
| 56 | Security and commodity brokers.......... | -6.3 | -25.1 | -25.0 | -19.2 |
| 57 | Insurance carriers............................ | 3.2 | 5.3 | 9.2 | 5.9 |
| 58 | Insurance agents, brokers, and service | 3.9 | 2.1 | 0.7 | 2.2 |
| 59 | Real estate ...................................... | 2.0 | 2.6 | 2.8 | 2.5 |
| 60 | Nonfarm housing services............... | 3.3 | 2.7 | 3.1 | 3.0 |
| 61 | Other real estate ........................... | -1.4 | 2.3 | 2.1 | 1.0 |
| 62 | Holding and other investment offices .... | 14.7 | 9.1 | 26.1 | 16.4 |
| 63 | Services ........................................... | 3.9 | 3.6 | 4.0 | 3.8 |
| 64 | Hotels and other iodging places ........... | 6.7 | 6.8 | 3.5 | 5.7 |
| 65 | Personal services ............................. | 2.2 | 2.8 | 3.5 | 2.8 |
| 66 | Business services............................. | 4.0 | 3.8 | 4.8 | 4.2 |
| 67 | Auto repair, services, and parking ......... | 3.5 | 1.2 | 2.7 | 2.5 |
| 68 | Miscellaneous repair services.............. | 7.0 | 10.6 | 8.8 | 8.8 |
| 69 | Motion pictures .............................. | 1.0 | 6.1 | 6.6 | 4.5 |
| 70 | Amusement and recreation services...... | 4.5 | 1.9 | 5.8 | 4.0 |
| 71 | Health services ................................. | 3.7 | 3.0 | 2.7 | 3.1 |
| 72 73 | Legal services................................. | 4.0 | 2.5 | 3.6 | 3.4 |
| 73 | Educational Services......................... | 6.0 | 4.6 | 5.2 | 5.3 |
| 74 | Social services............................... | 5.9 | 4.6 | 5.7 | 5.4 |
| 75 | Membership organizations .................. | 5.3 | 8.6 | 6.1 | 6.7 |
| 76 | Other services ................................ | 2.7 | 3.2 | 3.3 | 3.1 |
| 77 | Private households ............................ | 2.8 | 2.9 | 4.5 | 3.4 |
| 78 | Government | 2.4 | 3.1 | 3.2 | 2.9 |
| 79 | Federal................................................. | 1.4 | 3.0 | 2.8 | 2.4 |
| 80 | General government ............................. | 1.6 | 3.3 | 3.5 | 2.8 |
| 81 | Government enterprises ........................ | 0.1 | 1.5 | -1.2 | 0.1 |
| 82 | State and local....................................... | 3.0 | 3.1 | 3.4 | 3.2 |
| 83 | General government .............................. | 2.8 | 3.4 | 3.7 | 3.3 |
| 84 | Government enterprises ......................... | 5.1 | -0.4 | 1.0 | 1.9 |

Table 8.—Gross Output by Industry, 1997-2000
[Billions of dollars]

| Line |  | 1997 | 1998 | 1999 | 2000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | All industries | 14,465.7 | 15,141.6 | 16,018.9 | 17,244.4 |
| 2 | Private industries | 13,322.5 | 13,955.9 | 14,779.7 | 15,936.0 |
| 3 | Private goods-producing industries ............. | 4,966.6 | 5,021.6 | 5,235.7 | 5,600.3 |
| 4 | Agriculture, forestry, and fishing ............. | 285.8 | 279.1 | 279.4 | 290.7 |
| 5 | Farms ................................... | 226.3 | 214.6 | 208.3 | 214.7 |
| 6 | Agricultural services, forestry, and fishing | 59.5 | 64.4 | 71.1 | 76.0 |
| 7 | Mining...... | 198.0 | 165.5 | 171.2 | 242.5 |
|  | Metal mining | 12.6 | 10.9 | 9.5 | 9.9 |
|  | Coal mining. | 27.2 | 26.9 | 25.2 | 24.7 |
| 10 | Oil and gas extraction. | 139.9 | 109.1 | 117.3 | 188.4 |
| 11 | Nonmetalic minerals, except fuels ........ | 18.2 | 18.5 | 19.2 | 19.6 |
| 12 | Construction. | 603.0 | 633.8 | 689.2 | 731.7 |
| 13 | Manufacturing | 3,879.8 | 3,943.3 | 4,095.9 | 4,335.3 |
| 14 | Durable goods | 2,109.3 | 2,188.1 | 2,283.9 | 2,391.3 |
| 15 | Lumber and wood products | 110.4 | 113.6 | 121.9 | 111.4 |
| 16 | Furniture and fixtures ....... | 60.0 | 64.9 | 68.2 | 72.4 |
| 17 | Stone, clay, and glass products......... | 85.3 | 91.7 | 97.2 | 96.0 |
| 18 | Primary metal industries ................. | 188.0 | 187.3 | 178.9 | 188.6 |
| 19 | Fabricated metal products | 224.6 | 236.4 | 238.7 | 240.4 |
| 20 21 | Industrial machinery and equipment Electronic and other electric | 388.3 | 399.4 | 398.9 | 443.5 |
|  | equipment ............................... | 341.3 | 340.3 | 363.3 | 426.8 |
| 22 | Motor vehicles and equipment .......... | 354.9 | 369.8 | 421.6 | 408.6 |
| 23 | Other transportation equipment ........ | 153.4 | 174.7 | 181.4 | 181.3 |
| 24 | Instruments and related products ...... | 152.0 | 157.6 | 160.2 | 165.8 |
| 25 | Miscellaneous manufacturing industries | 51.1 | 52.3 | 53.7 | 56.6 |
| 26 | Nondurable goods ............................. | 1,770.6 | 1,755.2 | 1,812.0 | 1,944.0 |
| 27 | Food and kindred products. | 470.8 | 478.9 | 479.6 | 491.2 |
| 28 | Tobacco products .... | 41.3 | 45.2 | 50.9 | 54.7 |
| 29 | Textile mill products ....................... | 81.7 | 80.3 | 77.1 | 75.8 |
| 30 | Apparel and other textile products...... | 78.7 | 76.2 | 78.0 | 80.1 |
| 31 | Paper and allied products ................. | 156.6 | 162.0 | 164.8 | 178.2 |
| 32 | Printing and publishing ................... | 209.6 | 213.8 | 221.9 | 230.3 |
| 33 | Chemicals and allied products | 391.1 | 392.8 | 396.6 | 419.0 |
| 34 | Petroleum and coal products.. | 173.8 | 134.9 | 164.5 | 226.6 |
| 35 | Rubber and miscellaneous plastics products | 157.6 | 162.5 | 170.2 | 179.7 |
| 36 | Leather and leather products............. | 9.5 | 8.7 | 8.4 | 8.4 |
| 37 | Private services-producing industries ......... | 8,355.9 | 8,934.3 | 9,544.0 | 10,335.7 |
| 38 | Transportation and public utilities ........... | 1,232.4 | 1,306.5 | 1,388.8 | 1,509.7 |
| 39 | Transportation .................................. | 508.8 | 541.8 | 574.8 | 617.0 |
| 40 | Railroad transportation.................... | 41.4 | 42.0 | 42.1 | 42.9 |
| 41 | Local and interurban passenger transit | 25.2 | 27.1 | 27.7 | 29.0 |
| 42 | Trucking and warehousing................ | 227.6 | 246.1 | 265.1 | 280.5 |
| 43 | Water transportation....................... | 37.9 | 38.8 | 41.2 | 47.5 |
| 44 | Transportation by air ....................... | 127.7 | 134.9 | 142.0 | 156.3 |
| 45 | Pipelines, except natural gas ............. | 7.7 | 7.4 | 7.8 | 7.9 |
| 46 | Transportation services .................... | 41.4 | 45.5 | 48.8 | 52.8 |
| 47 | Communications .............................. | 379.6 | 422.3 | 473.2 | 511.9 |
| 48 | Telephone and telegraph.................. | 294.2 | 327.4 | 367.5 | 393.5 |
| 49 | Radio and television ........................ | 85.4 | 94.9 | 105.7 | 118.4 |
| 50 | Electric, gas, and sanitary services......... | 343.9 | 342.4 | 340.8 | 380.8 |
| 51 | Wholesale trade. | 828.0 | 844.3 | 907.1 | 979.8 |
| 52 | Retail trade. | 1,118.3 | 1,184.2 | 1,272.0 | 1,366.2 |
| 53 | Finance, insurance, and real estate ........ | 2,470.3 | 2,637.3 | 2,789.5 | 3,017.6 |
| 54 | Depository institutions ........................ | 383.5 | 413.7 | 442.9 | 477.1 |
| 55 | Nondepository institutions | 131.5 | 134.4 | 141.9 | 149.4 |
| 56 | Security and commodity brokers.. | 206.5 | 255.5 | 276.0 | 342.5 |
| 57 | Insurance carriers .......................... | 299.3 | 288.3 | 291.6 | 308.5 |
| 58 | insurance agents, brokers, and service | 79.5 | 91.2 | 99.7 | 104.6 |
| 59 | Real estate....................................... | 1,342.0 | 1,408.5 | 1,495.6 | 1,591.6 |
| 60 | Nonfarm housing services | 784.0 | 832.1 | 879.2 | 925.5 |
| 61 | Other real estate ............................ | 558.0 | 576.4 | 616.3 | 666.2 |
| 62 | Holding and other investment offices..... | 28.0 | 45.7 | 42.0 | 43.8 |
| 63 | Services ............................................ | 2,706.9 | 2,962.0 | 3,186.7 | 3,462.4 |
| 64 | Hotels and other lodging places ............ | 114.0 | 121.9 | 131.1 | 143.7 |
| 65 | Personal services .............................. | 88.0 | 94.5 | 100.5 | 108.2 |
| 66 | Business services .............................. | 583.7 | 676.9 | 760.4 | 851.6 |
| 67 | Auto repair, services, and parking .. | 129.9 | 140.2 | 148.6 | 157.3 |
| 68 | Miscellaneous repair services......... | 47.1 | 51.8 | 53.9 | 57.0 |
| 69 | Motion pictures. | 60.4 | 63.6 | 69.3 | 74.0 |
| 70 | Amusement and recreation services...... | 120.7 | 127.9 | 136.5 | 143.9 |
| 71 | Health services.. | 722.0 | 762.2 | 793.9 | 840.5 |
| 72 | Legal services.. | 143.2 | 153.0 | 162.5 | 172.5 |
| 73 | Educational services. | 109.4 | 117.3 | 123.2 | 129.8 |
| 74 | Social services................................. | 102.6 | 111.3 | 122.4 | 137.1 |
| 75 | Membership organizations ................... | 94.5 | 102.8 | 105.7 | 112.4 |
| 76 | Other services ... | 379.5 | 424.7 | 466.0 | 520.9 |
| 77 | Private households. | 12.0 | 14.0 | 12.7 | 13.6 |
| 78 | Government | 1,143.1 | 1,185.7 | 1,239.2 | 1,308.4 |
| 79 | Federal. | 368.5 | 374.1 | 386.2 | 403.9 |
| 80 | General government | 295.4 | 298.6 | 308.1 | 323.8 |
| 81 | Government enterprises .. | 73.1 | 75.6 | 78.1 | 80.1 |
| 82 | Stale and local. | 774.6 | 811.6 | 853.0 | 904.5 |
| 83 | General government | 649.2 | 681.2 | 716.6 | 760.4 |
| 84 | Government enterprises ......................... | 125.4 | 130.3 | 136.4 | 144.1 |

Table 9.-Intermediate Inputs by Industry,
1997-2000
[Billions of dollars]

| Line |  | 1997 | 1998 | 1999 | 2000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | All industr | 6,177.0 | 6,329.1 | 6,677.5 | 7,241.0 |
| 2 | Privata industries | 6,098.7 | 6,246.7 | 6,590.1 | 7,149.0 |
| 3 | Private goods-producing industries | 2,999.9 | 2,981.0 | 3,082.8 | 3,307.2 |
| 4 | Agriculture, forestry, and fishing. | 155.8 | 151.1 | 152.1 | 155.0 |
|  | Farms | 138.1 | 134.1 | 134.0 | 135.7 |
| - | Agricultural services, forestry, and fishing | 17.7 | 17.0 | 18.1 | 19.3 |
| 7 | Mining | 79.1 | 65.2 | 67.9 | 115.5 |
| 8 | Metal m | 7.0 | 5.5 | 4.5 | 5.0 |
| 9 | Coal mining | 16.6 | 16.2 | 14.6 | 14.7 |
| 10 | Oil and gas extract | 48.1 | 36.3 | 41.1 | 88.8 |
| 11 | Nonmetallic minerals, exce | 7.4 | 7.2 | 7.7 | 7.0 |
| 12 | Construction. | 264.8 | 252.9 | 263.6 | 268.1 |
| 13 | Manufacturing | 2,500.2 | 2,511.8 | 2,599.1 | 2,768.7 |
| 14 | Durable goods | 1,318.1 | 1,357.4 | 1,418.2 | 1,489.6 |
| 15 | Lumber and wood products | 69.2 | 71.7 | 75.7 | 66.9 |
| 16 | Furniture and fixtures | 37.3 | 40.6 | 42.2 | 45.7 |
| 17 | Stone, clay, and glass p | 48.1 | 53.0 | 54.7 | 52.1 |
| 18 | Primary metal industries | 135.5 | 134.2 | 128.7 | 135.7 |
| 19 | Fabricated metal products | 127.0 | 134.7 | 131.2 | 131.7 |
| 20 | Industrial machinery and equipment | 245.2 | 240.8 | 241.6 | 275.9 |
| 21 | Electronic and other electric equipment | 175.4 | 181.2 | 197.7 | 245.6 |
| 22 | Motor vehicles and equipmen | 258.3 | 258.3 | 302.7 | 288.3 |
| 23 | Other transportation equipment | 97.8 | 116.4 | 116.9 | 118.6 |
| 24 | Instruments and related products. | 98.4 | 100.0 | 101.4 | 101.6 |
| 25 | Miscellaneous manufacturing industries. | 25.9 | 26.5 | 25.4 | 27.5 |
| 26 | Nondurable goods | 1,182.2 | 1,154.4 | 1,181.0 | 1,279.1 |
| 27 | Food and kindred prod | 347.6 | 357.0 | 346.7 | 354.1 |
| 28 | Tobacco products. | 25.9 | 27.9 | 32.0 | 32.3 |
| 29 | Textile mill products | 56.0 | 54.6 | 51.6 | 51.1 |
| 30 | Apparel and other textile products..... | 52.2 | 50.2 | 53.7 | 56.6 |
| 31 | Paper and allied products ................ | 102.7 | 106.3 | 106.8 | 118.3 |
| 32 | Printing and publishing... | 118.5 | 118.2 | 119.2 | 124.8 |
| 33 | Chemicals and allied products | 226.3 | 228.0 | 221.5 | 227.9 |
| 34 35 | Petroleum and coal products.... | 142.4 | 102.0 | 134.1 | 190.1 |
| 35 | Rubber and miscelianeous plastics products | 105.5 | 105.6 | 110.9 | 119.5 |
| 36 | Leather and leather products... | 5.1 | 4.7 | 4.4 | 4.4 |
| 37 | Private services-producing indusities | 3,098.8 | 3,265.7 | 3,507.3 | 3,841.8 |
| 38 | Transportation and public utilities ... | 544.0 | 574.5 | 612.0 | 684.7 |
| 39 | Transportation. | 247.1 | 253.1 | 272.1 | 303.1 |
| 40 | Railroad transportation. | 18.4 | 17.8 | 18.9 | 20.0 |
| 41 | Local and interurban passenger transit | 10.3 | 10.3 | 10.1 | 10.3 |
| 42 | Trucking and warehousing | 128.3 | 132.0 | 143.2 | 154.5 |
| 43 | Water transportation | 24.8 | 25.1 | 27.5 | 32.7 |
| 44 | Transportation by air. | 49.1 | 49.1 | 51.8 | 63.4 |
| 45 | Pipelines, except natural g | 1.9 | 1.3 | 1.7 | 1.8 |
| 46 | Transportation services | 14.3 | 17.5 | 18.9 | 20.5 |
| 47 | Communications. | 158.8 | 183.8 | 214.6 | 230.8 |
| 48 | Telephone and telegrap | 127.4 | 148.0 | 171.0 | 184.6 |
| 49 | Radio and television. | 31.4 | 35.8 | 43.6 | 46.2 |
| 50 | Electric, gas, and sanitary services | 138.1 | 137.6 | 125.3 | 150.8 |
| 51 | Wholesale trade | 251.1 | 236.4 | 273.5 | 305.6 |
| 52 | Retail trade | 377.8 | 393.9 | 437.0 | 472.4 |
| 53 | Finance, insurance, and real estate | 900.4 | 928.8 | 978.9 | 1,081.3 |
| 54 | Depository institutions | 109.5 | 113.7 | 117.3 | 110.6 |
| 55 | Nondepository institutions | 81.6 | 81.5 | 88.1 | 90.5 |
| 56 | Security and commodity broke | 85.7 | 111.6 | 137.3 | 198.4 |
| 57 | Insurance carriers........ | 153.1 | 138.0 | 133.3 | 140.8 |
| 58 | Insurance agents, brokers, and service | 28.2 | 34.7 | 34.2 | 37.4 |
| 59 | Real estate..... | 422.0 | 426.9 | 444.3 | 475.4 |
| 60 | Nonfarm housing services | 104.9 | 113.4 | 114.8 | 115.0 |
| 61 | Other real estate. | 317.0 | 313.5 | 329.5 | 360.4 |
| 62 | Holding and other investment offices .... | 20.2 | 22.3 | 24.4 | 28.3 |
| 63 | Services ................. | 1,015.5 | 1,132.1 | 1,205.8 | 1,297.8 |
| 64 | Hotels and other iodging places | 43.5 | 48.4 | 50.7 | 57.2 |
| 65 | Personal services | 37.0 | 37.5 | 43.1 | 47.9 |
| 66 | Business services. | 188.1 | 237.1 | 257.7 | 279.9 |
| 67 | Auto repair, services, and parking | 57.1 | 59.2 | 60.5 | 63.3 |
| 68 | Miscellaneous repair services. | 24.8 | 27.4 | 28.7 | 30.3 |
| 69 | Motion pictures........ | 34.0 | 34.4 | 37.3 | 39.1 |
| 70 | Amusement and recreation services.. | 55.8 | 57.8 | 61.4 | 63.2 |
| 71 | Health services ... | 249.8 | 271.2 | 277.5 | 293.7 |
| 72 | Legal services. | 34.2 | 36.4 | 39.5 | 38.9 |
| 73 | Educational services | 48.3 | 49.8 | 51.1 | 51.2 |
| 74 | Social services. | 50.1 | 53.6 | 60.6 | 69.5 |
| 75 | Mermbership organizations | 42.9 | 49.2 | 47.4 | 48.9 |
| 76 | Other services. | 149.8 | 170.3 | 190.1 | 214.6 |
| 77 | Private households | 0.0 | 0.0 | 0.0 | 0.0 |
| 78 | Gevernment | 78.3 | 82.4 | 87.5 | 92.0 |
| 79 | Federal. | 13.8 | 14.2 | 16.5 | 17.0 |
| 80 | General government | 0.0 | 0.0 | 0.0 | 0.0 |
| 81 | Government enterprises | 13.8 | 14.2 | 16.5 | 17.0 |
| 82 | State and local. | 64.5 | 68.1 | 70.9 | 75.0 |
| 83 | General government | 0.0 | 0.0 | 0.0 | 0.0 |
| 84 | Government enterprises ....... | 64.5 | 68.1 | 70.9 | 75.0 |

Table 10.-Chain-Type Quantity Indexes for Gross Output by Industry, 1997-2000
[1996=100]

| Line |  | 1997 | 1998 | 1999 | 2000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | All Indust | 105.28 | 110.28 | 115.39 | 120.70 |
| 2 | Private industrie | 105.65 | 110.97 | 116.41 | 122.02 |
| 3 | Private goods-producing industries | 106.59 | 110.81 | 115.23 | 119.05 |
|  | Agricultare, forestry, and fishing | 106.17 | 108.09 | 111.58 | 113.58 |
| 5 | Farms | 106.70 | 107.13 | 109.74 | 111.60 |
| 6 | Agricultural services, forestry, and fishing $\qquad$ | 104.13 | 111.40 | 117.80 | 120.26 |
| 7 | Mining | 104.16 | 101.75 | 96.93 | 99.70 |
| 8 | Metal mining | 105.87 | 104.38 | 97.31 | 94.49 |
| 10 | Coal mining | 102.23 | 104.23 | 102.78 | 100.81 |
| 10 | Oil and gas extraction | 104.41 | 100.13 | 93.77 | 97.77 |
| 11 | Nonmetallic minerals, except fuels | 104.01 | 107.31 | 109.19 | 111.02 |
| 12 | Construction. | 105.43 | 107.58 | 112.60 | 114.44 |
| 13 | Manufacturing | 106.92 | 111.98 | 116.80 | 121.15 |
| 14 | Durable goods | 108.76 | 117.04 | 125.14 | 133.54 |
| 15 | Lumber and wood produ | 100.97 | 105.52 | 110.39 | 103.16 |
| 16 | Furniture and fixtures. | 108.43 | 116.23 | 120.68 | 126.53 |
| 17 | Stone, clay, and glass products | 104.44 | 110.42 | 113.89 | 110.85 |
| 18 | Primary metal industries | 104.48 | 108.70 | 108.54 | 110.08 |
| 19 | Fabricated metal products | 105.75 | 110.33 | 110.93 | 110.77 |
| 20 | Industrial machinery and equipment | 111.01 | 122.65 | 130.05 | 149.66 |
| 21 | Electronic and other electric equipment | 116.51 | 131.18 | 153.46 | 201.09 |
| 22 | Motor vehicles and equipmen | 109.68 | 115.59 | 131.19 | 126.99 |
| 23 | Other transportation equipment | 111.44 | 126.30 | 129.77 | 126.27 |
| 24 | Instruments and retated products | 102.21 | 105.76 | 107.80 | 111.34 |
| 25 | Miscelianeous manufacturing industries | 103.08 | 104.90 | 106.95 | 112.22 |
| 26 | Nondurable goods ................... | 104.79 | 106.16 | 107.34 | 107.44 |
| 27 | Food and kindred prod | 104.08 | 108.35 | 108.97 | 109.79 |
| 28 | Tobacco products | 99.81 | 98.26 | 85.73 | 84.40 |
| 29 | Textile mill products | 102.35 | 100.94 | 99.36 | 97.81 |
| 30 | Apparel and other textile product | 104.04 | 99.84 | 102.03 | 104.33 |
| 31 | Paper and allied products | 102.04 | 103.59 | 105.33 | 105.95 |
| 32 | Printing and publishing . | 104.24 | 103.33 | 105.18 | 106.23 |
| 33 | Chemicals and allied products | 108.10 | 109.12 | 109.71 | 110.16 |
| 34 | Petroleum and coal products. | 103.76 | 103.49 | 108.63 | 101.94 |
| 35 | Rubber and miscellaneous plastics products | 106.85 | 110.66 | 115.80 | 119.82 |
| 36 | Leather and leather products... | 103.13 | 96.15 | 92.34 | . 72 |
| 37 | Private services-producing industries ......... | 105.09 | 111.03 | 117.05 | 123.66 |
| 38 | Transportation and public utilities. | 103.73 | 109.38 | 115.94 | 121.37 |
| 39 | Transportation. | 103.39 | 108.09 | 112.27 | 115.90 |
| 40 | Railroad transportation. | 101.07 | 100.94 | 102.01 | 102.66 |
| 41 | Local and interurban passenger transit | 103.84 | 110.53 | 112.18 | 114.57 |
| 42 | Trucking and warehousing | 101.77 | 107.18 | 112.25 | 114.36 |
| 43 | Water transportation. | 103.34 | 104.39 | 104.61 | 112.59 |
| 44 | Transportation by air | 105.88 | 110.16 | 114.27 | 120.57 |
| 45 | Pipelines, except natural gas | 103.18 | 97.40 | 103.04 | 102.88 |
| 46 | Transportation services | 107.20 | 118.51 | 126.18 | 130.61 |
| 47 | Communications ... | 107.75 | 119.17 | 135.45 | 148.00 |
| 48 | Telephone and telegrap | 109.45 | 122.89 | 142.27 | 157.16 |
| 49 | Radio and television | 102.13 | 107.22 | 114.34 | 120.32 |
| 50 | Electric, gas, and sanitar | 100.05 | 101.12 | 101.10 | 102.12 |
| 51 | Wholesale trade | 106.86 | 113.76 | 121.67 | 127.89 |
| 52 | Retail trade. | 104.14 | 110.42 | 117.69 | 125.37 |
| 53 | Finance, insurance, and real estate | 106.16 | 110.52 | 115.95 | 123.51 |
| 54 | Depository institutions.. | 102.87 | 106.20 | 110.02 | 113.63 |
| 55 | Nondepository institutions | 121.42 | 121.29 | 128.70 | 132.93 |
| 56 | Security and commodity b | 125.92 | 160.14 | 201.63 | 287.06 |
| 57 | Insurance carriers | 108.58 | 101.43 | 98.93 | 99.06 |
| 58 | Insurance agents, brokers, and | 103.43 | 115.07 | 123.53 | 127.85 |
| 59 | Real estate. | 102.80 | 105.17 | 108.99 | 112.80 |
| 60 | Nonfarm housing | 101.91 | 104.77 | 107.71 | 109.98 |
| 61 | Other real estate | 104.08 | 105.74 | 110.86 | 116.93 |
| 62 | Holding and other investment offices ....: | 110.82 | 165.73 | 143.94 | 136.32 |
| 63 | Services. | 104.60 | 111.70 | 116.96 | 122.95 |
| 64 | Hotels and other lodging places | 100.60 | 102.85 | 105.57 | 111.93 |
| 65 | Personal services. | 100.88 | 106.31 | 110.28 | 115.03 |
| 66 | Business services | 112.49 | 128.29 | 141.23 | 153.40 |
| 67 | Auto repair, services, and parking | 101.63 | 107.84 | 112.66 | 115.53 |
| 68 | Miscellaneous repair services | 98.78 | 106.11 | 104.89 | 106.44 |
| 69 | Motion pictures | 103.85 | 107.93 | 112.25 | 113.69 |
| 70 | Amusement and recreation services | 106.10 | 109.22 | 111.49 | 112.12 |
| 71 | Health services | 102.58 | 105.62 | 107.54 | 110.90 |
| 72 | Legal services.. | 102.62 | 105.95 | 109.82 | 112.59 |
| 73 | Educational services | 102.11 | 105.35 | 107.00 | 108.07 |
| 74 | Social services. | 101.21 | 106.22 | 113.24 | 121.45 |
| 75 | Membership organizatio | 95.00 | 100.22 | 98.17 | 99.61 |
| 76 | Other services. | 106.09 | 116.14 | 124.08 | 134.32 |
| 77 | Private households | 97.71 | 110.40 | 97.57 | 99.69 |
| 78 | Government | 101.15 | 102.67 | 104.12 | 106.27 |
| 79 | Federal. | 99.32 | 99.55 | 99.75 | 101.42 |
| 80 | General government | 98.60 | 98.02 | 97.89 | 99.35 |
| 81 | Government enterprises. | 102.30 | 105.97 | 107.62 | 110.16 |
| 82 | State and local.. | 102.05 | 104.19 | 106.24 | 108.63 |
| 83 | General government | 102.05 | 104.18 | 105.98 | 108.49 |
| 84 | Government enterprises. | 102.04 | 104.27 | 107.63 | 109.37 |

Table 11.—Chain-Type Price Indexes for Gross Output by Industry, 1997-2000
[1996=100]

| Line |  | 1997 | 1998 | 1999 | 2000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | All industries | 101.25 | 101.18 | 102.30 | 105.28 |
| 2 | Private industries | 101.12 | 100.85 | 101.81 | 104.73 |
| 3 | Private goods-producing industries. | 99.56 | 96.82 | 97.07 | 100.50 |
| 4 | Agriculture, forestry, and fishing ............ | 96.71 | 92.75 | 89.94 | 91.95 |
| 5 | Farms ........................ | 95.29 | 90.02 | 85.27 | 86.43 |
| 6 | Agricultural services, forestry, and fishing | 102.42 | 103.70 | 108.16 | 113.35 |
| 7 | Mining....... | 101.87 | 87.14 | 94.66 | 130.38 |
| 8 | Metal mining | 94.80 | 82.74 | 77.79 | 83.05 |
| , | Coal mining | 98.17 | 95.18 | 90.37 | 90.37 |
| 10 | Oil and gas extraction. | 103.22 | 83.95 | 96.33 | 148.40 |
| 11 | Nonmetallic minerals, except fuels | 102.73 | 101.29 | 103.30 | 103.55 |
| 12 | Construction | 103.16 | 106.25 | 110.39 | 115.32 |
| 13 | Manufacturing | 99.11 | 96.19 | 95.78 | 97.74 |
| 14 | Durable goods | 98.26 | 94.73 | 92.47 | 90.73 |
| 15 | Lumber and wood products | 103.56 | 102.01 | 104.63 | 102.28 |
| 16 | Furniture and fixtures | 101.48 | 102.49 | 103.64 | 104.97 |
| 17 | Stone, clay, and glass products | 101.41 | 103.09 | 105.89 | 107.46 |
| 18 | Primary metal industries | 100.71 | 96.41 | 92.23 | 95.88 |
| 19 | Fabricated metal products | 101.16 | 102.04 | 102.48 | 103.34 |
| 20 21 | Industrial machinery and equipment Electronic and other electric | 94.25 | 87.73 | 82.65 | 79.85 |
|  | equipment. | 93.33 | 82.66 | 75.43 | 67.63 |
| 22 | Motor vehicles and equipment | 99.23 | 98.11 | 98.55 | 98.67 |
| 23 | Other transportation equipment. | 101.03 | 101.56 | 102.59 | 105.38 |
| 24 | Instruments and related products. | 100.50 | 100.71 | 100.42 | 100.68 |
| 25 | Miscellaneous manufacturing industries | 100.96 | 101.57 | 102.25 | 102.64 |
| 26 | Nondurable goods ................................ | 100.14 | 97.99 | 100.04 | 107.23 |
| 27 | Food and kindred products | 100.37 | 98.07 | 97.66 | 99.26 |
| 28 | Tobacco products | 104.42 | 116.15 | 149.74 | 163.48 |
| 29 | Textile mill products | 100.35 | 100.02 | 97.50 | 97.40 |
| 30 | Apparel and other textile products. | 100.83 | 101.69 | 101.92 | 102.36 |
| 31 | Paper and allied products.. | 96.34 | 98.20 | 98.23 | 105.59 |
| 32 | Printing and publishing. | 101.95 | 104.87 | 106.96 | 109.91 |
| 33 | Chemicals and allied products | 100.89 | 100.39 | 100.83 | 106.07 |
| 34 | Petroleum and coal products. | 98.17 | 76.39 | 88.79 | 130.32 |
| 35 | Rubber and miscellaneous plastics products | 99.76 | 99.34 | 99.41 | 101.47 |
| 36 | Leather and leather products... | 101.96 | 100.98 | 100.67 | 102.07 |
| 37 | Private services-producing industries | 102.07 | 103.29 | 104.67 | 107.29 |
| 38 | Transportation and public utilities. | 102.17 | 102.72 | 103.01 | 106.97 |
| 39 | Transportation. | 102.98 | 104.88 | 107.12 | 11.39 |
| 40 | Railroad transportation. | 100.65 | 102.30 | 101.42 | 102.62 |
| 41 | Local and interurban passenger transit | 100.30 | 101.34 | $10 \pm .98$ | 104.53 |
| 42 | Trucking and warehousing.. | 104.63 | 107.38 | 110.50 | 114.74 |
| 43 | Water transportation. | 100.79 | 102.13 | 108.23 | 116.04 |
| 44 | Transportation by air. | 102.81 | 104.42 | 105.97 | 110.56 |
| 45 | Pipelines, except natural gas .. | 94.81 | 96.79 | 97.00 | 98.49 |
| 46 | Transportation services .................. | 102.32 | 101.80 | 102.50 | 107.22 |
| 47 | Communications ............................. | 101.01 | 101.61 | 100.16 | 99.18 |
| 48 | Telephone and telegraph.................. | 99.55 | 98.69 | 95.67 | 92.74 |
| 49 | Radio and television ....................... | 106.22 | 112.36 | 117.37 | 124.93 |
| 50 | Electric, gas, and sanitary services ....... | 102.25 | 100.73 | 100.27 | 110.91 |
| 51 | Wholesale trade. | 98.10 | 93.97 | 94.39 | 97.00 |
| 52 | Retail trade | 100.28 | 100.16 | 100.92 | 101.76 |
| 53 | Finance, insurance, and real estate | 103.55 | 106.19 | 107.06 | 108.72 |
| 54 | Depository institutions ................ | 108.78 | 113.69 | 117.48 | 122.54 |
| 55 | Nondepository institutions .................. | 99.88 | 102.16 | 101.64 | 103.64 |
| 56 | Security and commodity brokers. | 96.89 | 94.27 | 80.88 | 70.50 |
| 57 | Insurance carriers..................... | 105.41 | 108.69 | 112.70 | 119.09 |
| 58 | insurance agents, brokers, and service | 103.93 | 107.04 | 109.05 | 110.59 |
| 59 | Real estate..................................... | 102.94 | 105.60 | 108.20 | 111.26 |
| 60 | Nonfarm housing services. | 102.88 | 106.20 | 109.15 | 112.53 |
| 61 | Other real estate | 103.03 | 104.76 | 106.85 | 109.48 |
| 62 | Holding and other investment offices .... | 109.34 | 119.46 | 126.30 | 139.09 |
| 63 | Services | 102.72 | 105.26 | 108.15 | 111.78 |
| 64 | Hotels and other lodging places... | 106.41 | 11.28 | 116.63 | 120.56 |
| 65 | Personal services. | 103.15 | 105.03 | 107.73 | 111.24 |
| 66 | Business services. | 101.62 | 103.35 | 105.46 | 108.74 |
| 67 | Auto repair, services, and parking ......... | 102.76 | 104.55 | 106.08 | 109.46 |
| 68 | Miscellaneous repair services....... | 102.71 | 105.22 | 110.71 | 115.36 |
| 69 | Motion pictures .................. | 102.41 | 103.76 | 108.78 | 114.73 |
| 70 | Amusement and recreation services...... | 102.71 | 105.73 | 110.52 | 115.93 |
| 71 | Health services ... | 102.30 | 104.90 | 107.30 | 110.16 |
| 72 | Legal services.. | 104.06 | 107.70 | 110.34 | 114.21 |
| 73 | Educational services. | 103.21 | 107.24 | 110.88 | 115.67 |
| 74 | Social services. | 102.77 | 106.14 | 109.52 | 114.37 |
| 75 | Membership organizations.. | 103.43 | 106.61 | 111.97 | 117.33 |
| 76 | Other services | 103.21 | 105.53 | 108.38 | 111.89 |
| 77 | Private households | 102.57 | 105.44 | 108.50 | 113.36 |
| 78 | Government | 102.75 | 105.00 | 108.21 | 111.94 |
| 79 | Federal................................................. | 102.10 | 103.41 | 106.54 | 109.60 |
| 80 | General government............................. | 102.61 | 104.30 | 107.79 | 111.62 |
| 81 | Government enterprises ........................ | 100.02 | 99.89 | 101.67 | 101.88 |
| 82 | State and local.. | 103.06 | 105.76 | 109.01 | 113.05 |
| 83 | General government | 103.16 | 106.04 | 109.66 | 113.66 |
| 84 | Government enterprises ....................................... | 102.55 | 104.34 | 105.70 | 109.90 |

Table 12.-Chain-Type Quantity Indexes for Intermediate Inputs by Industry, 1997-2000
[1996=100]

| Line |  | 1997 | 1998 | 1999 | 2000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | All industries | 105.86 | 110.50 | 115.30 | 120.83 |
| 2 | Private industries | 105.99 | 110.60 | 115.43 | 121.06 |
| 3 | Private goods-producing industries. | 107.57 | 111.50 | 114.89 | 119.00 |
| 5 | Agriculture, forestry, and fishing . | 102.91 | 105.25 | 106.72 | 102.96 |
| 5 | Farms | 103.10 | 105.88 | 106.53 | 101.70 |
| 6 | Agricultural services, forestry, and fishing | 101.46 | 100.45 | 108.15 | 112.51 |
| 7 | Mining | 105.20 | 95.78 | 93.83 | 123.18 |
|  | Metal mining | 104.80 | 85.35 | 69.79 | 72.32 |
| 9 | Coal mining . | 103.74 | 102.68 | 92.01 | 89.22 |
| 10 | Oil and gas extraction | 106.22 | 93.39 | 95.83 | 145.57 |
| 11 | Nonmetallic minerals, except fuels | 102.54 | 103.80 | 108.58 | 92.04 |
| 12 | Construction. | 109.25 | 103.72 | 106.39 | 106.58 |
| 13 | Manufacturing | 107.77 | 113.24 | 116.99 | 121.11 |
| 14 | Durable goods | 108.84 | 115.67 | 122.87 | 130.80 |
| 15 | Lumber and wood products | 102.16 | 108.65 | 112.05 | 98.62 |
| 16 | Furniture and fixtures .... | 109.37 | 119.72 | 124.04 | 132.01 |
| 17 | Stone, clay, and glass products | 100.21 | 110.54 | 112.65 | 104.34 |
| 18 | Primary metal industries. | 104.85 | 109.31 | 107.00 | 109.00 |
| 19 | Fabricated metal products | 107.74 | 115.79 | 115.13 | 113.68 |
| 20 21 | Industrial machinery and equipment Electronic and other electric | 108.07 | 111.25 | 115.46 | 136.62 |
|  | equipment ... | 114.25 | 125.28 | 141.95 | 189.32 |
| 22 | Motor vehicles and equipment | 111.42 | 113.40 | 134.04 | 127.12 |
| 23 | Other transportation equipment | 114.41 | 136.19 | 136.30 | 138.11 |
| 24 | Instruments and related products. | 107.90 | 114.65 | 119.37 | 125.57 |
| 25 | Miscellaneous manufacturing industries | 101.68 | 105.16 | 100.79 | 107.81 |
| 26 | Nondurable goods. | 106.60 | 110.55 | 110.53 | 110.69 |
| 27 | Food and kindred products | 105.75 | 113.57 | 112.57 | 113.43 |
| 28 | Tobacco products ......... | 103.57 | 110.63 | 125.51 | 124.16 |
| 29 | Textile mill products | 104.18 | 103.70 | 102.39 | 98.96 |
| 30 | Apparel and other textile products...... | 107.32 | 103.33 | 112.60 | 116.53 |
| 31 | Paper and allied products ................. | 100.87 | 105.23 | 106.75 | 115.68 |
| 32 | Printing and publishing ... | 109.52 | 108.62 | 109.57 | 113.14 |
| 33 | Chemicals and allied products | 109.00 | 115.36 | 109.37 | 102.70 |
| 34 | Petroleum and coal products. | 108.26 | 106.79 | 106.91 | 104.95 |
| 35 | Rubber and miscellaneous plastics products | 106.71 | 109.97 | 115.11 | 119.51 |
| 36 | Leather and leather products... | 104.86 | 100.08 | 96.33 | 90.86 |
| 37 | Private services-producing industries. | 104.48 | 109.72 | 115.82 | 122.80 |
| 38 | Transportation and public utilities ........... | 108.27 | 118.85 | 123.15 | 126.99 |
| 39 | Transportation | 104.58 | 110.40 | 114.34 | 116.40 |
| 40 | Railroad transportation. | 106.24 | 105.94 | 110.14 | 108.02 |
| 41 | Local and interurban passenger transit | 96.50 | 104.30 | 96.69 | 87.23 |
| 42 | Trucking and warehousing................ | 104.51 | 109.90 | 114.76 | 113.84 |
| 43 | Water transportation. | 100.80 | 102.59 | 108.79 | 121.57 |
| 44 | Transportation by air | 105.45 | 113.04 | 114.14 | 121.45 |
| 45 | Pipelines, except natural gas | 89.49 | 61.75 | 80.58 | 77.23 |
| 46 | Transportation services ... | 116.99 | 141.13 | 148.35 | 155.66 |
| 47 | Communications ........... | 117.92 | 137.71 | 161.40 | 173.60 |
| 48 | Telephone and telegrap | 120.24 | 141.77 | 165.93 | 180.92 |
| 49 | Radio and television .... | 109.21 | 122.66 | 144.58 | 147.26 |
| 50 | Electric, gas, and sanitary services. | 104.98 | 114.55 | 98.59 | 97.76 |
| 51 | Wholesale trade | 100.00 | 91.46 | 105.10 | 116.04 |
| 52 | Retail trade. | 96.50 | 99.85 | 108.67 | 114.07 |
| 53 | Finance, insurance, and real estate | 106.72 | 106.39 | 110.19 | 119.25 |
| 54 | Depository institutions .............. | 104.75 | 105.54 | 106.70 | 97.64 |
| 55 | Nondepository institutions ................... | 113.30 | 108.40 | 115.32 | 114.38 |
| 56 | Security and commodity brokers........... | 137.99 | 175.65 | 215.90 | 314.91 |
| 57 | Insurance carriers.... | 107.41 | 93.93 | 88.98 | 92.58 |
| 58 | Insurance agents, brokers, and service | 110.04 | 133.16 | 129.40 | 137.38 |
| 59 | Real estate. | 100.90 | 98.32 | 100.22 | 104.29 |
| 60 | Nonfarm housing services. | 108.29 | 113.98 | 111.68 | 108.73 |
| 61 | Other real estate... | 98.66 | 93.60 | 96.75 | 102.94 |
| 62 | Holding and other investment offices..... | 106.52 | 110.45 | 117.34 | 134.23 |
| 63 | Services ............................................ | 105.03 | 116.93 | 122.91 | 129.26 |
| 64 | Hotels and other lodging places ............ | 105.52 | 115.76 | 119.18 | 130.36 |
| 65 | Personal services .................. | 97.52 | 97.50 | 109.77 | 118.31 |
| 66 | Business services........ | 113.10 | 146.33 | 160.85 | 175.04 |
| 67 | Auto repair, services, and parking | 101.27 | 105.53 | 106.09 | 106.73 |
| 68 | Miscellaneous repair services.... | 100.71 | 112.80 | 117.42 | 123.62 |
| 69 | Motion pictures | 103.33 | 102.84 | 107.45 | 107.62 |
| 70 | Amusement and recreation services | 104.10 | 106.55 | 105.34 | 104.41 |
| 71 | Health services. | 107.62 | 116.29 | 117.80 | 121.41 |
| 72 | Legal services. | 92.19 | 96.08 | 102.16 | 97.71 |
| 73 | Educational services | 103.37 | 105.34 | 106.29 | 103.51 |
| 74 | Social services.. | 100.74 | 107.26 | 119.09 | 132.44 |
| 75 | Membership organizations .. | 90.13 | 102.67 | 98.11 | 98.04 |
| 76 | Other services ... | 106.42 | 119.11 | 130.44 | 142.77 |
| 77 | Private households.. |  |  |  |  |
| 78 | Government | 96.88 | 103.12 | 106.38 | 105.06 |
| 79 | Federal. | 82.78 | 86.07 | 97.02 | 94.51 |
| 80 | General government |  |  |  |  |
| 81 | Government enterprises | 82.78 | 86.07 | 97.02 | 94.51 |
| 82 | State and local. | 100.57 | 107.57 | 108.83 | 107.82 |
| 83 | General government. |  |  |  |  |
| 84 | Government enterprises .................. | 100.57 | 107.57 | 108.83 | 107.82 |

Table 13.-Chain-Type Price Indexes for Intermediate Inputs by Industry, 1997-2000
[1996=100]

| Line |  | 1997 | 1998 | 1999 | 2000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | All industr | 100.77 | 98.92 | 100.02 | 103.50 |
| 2 | Private industries | 100.76 | 98.90 | 99.98 | 103.42 |
| 3 | Private goods-producing industries | 99.44 | 95.33 | 95.68 | 99.10 |
| 4 | Agriculture, forestry, and fishing | 102.34 | 97.03 | 96.36 | 101.74 |
| 5 | Farms | 102.68 | 97.10 | 96.47 | 102.31 |
| 6 | Agricultural services, forestry, and fishing $\qquad$ | 99.76 | 96.58 | 95.57 | 97.79 |
| 7 | Mining. | 102.18 | 92.55 | 98.38 | 127.43 |
| 8 | Metal minin | 99.32 | 95.55 | 96.16 | 101.94 |
| 9 | Coal mining | 100.42 | 98.89 | 99.39 | 103.00 |
| 10 | Oil and gas extract | 103.46 | 88.88 | 97.98 | 139 |
| 11 | Nonmetallic minerals, except | 100.88 | 97.35 | 99.87 | 106.34 |
| 12 | Construction | 101.84 | 102.45 | 104.10 | 105.66 |
| 13 | Manufacturing. | 98.93 | 94.59 | 94.74 | 97.49 |
| 14 | Durable goods | 98.84 | 95.77 | 94.20 | 92.95 |
| 15 | Lumber and wood products | 103.20 | 100.57 | 102.86 | 103.41 |
| 16 | Furniture and fixtures. | 100.78 | 100.40 | 100.69 | 102.45 |
| 17 | Stone, clay, and glass products | 101.29 | 101.16 | 102.34 | 105.30 |
| 18 | Primary metal industries | 101.05 | 95.99 | 94.09 | 97.36 |
| 19 | Fabricated metal products | 100.90 | 99.59 | 97.49 | 99.12 |
| 20 | Industrial machinery and equipment | 96.58 | 92.16 | 89.10 | 85.99 |
| 21 | Electronic and other electric equipment | 95.57 | 90.01 | 86.72 | 75 |
| 22 | Motor vehicles and equipment | 99.14 | 97.40 | 96.57 | 96.99 |
| 23 | Other transportation equipment | 100.86 | 100.79 | 101.15 | 101.26 |
| 24 | Instruments and related products | 96.81 | 92.64 | 90.16 | 85.92 |
| 25 | Miscellaneous manufacturing industries. | 100.46 | 9.32 | 9.51 | 100.48 |
| 26 | Nondurable goods. | 99.03 | 93.25 | 95.42 | 103.20 |
| 27 | Food and kindred prod | 99.02 | 94.69 | 92.77 | 94.04 |
| 28 | Tobacco products | 100.66 | 101.59 | 102.66 | 105.03 |
| 29 | Textile mill products | 99.07 | 97.05 | 92.89 | 95.17 |
| 30 | Apparel and other textile products..... | 101.09 | 101.01 | 99.21 | 100.96 |
| 31 | Paper and allied products | 98.52 | 97.71 | 96.80 | 98.90 |
| 32 | Printing and publishing | 99.25 | 99.80 | 99.78 | 101.21 |
| 33 | Chemicals and allied products | 101.31 | 96.46 | 98.85 | 108.26 |
| 34 | Petroleum and coal products. | 93.66 | 68.01 | 89.35 | 129.02 |
| 35 | Rubber and miscelianeous plastics products | 100.71 | 97.88 | 98.14 | 101.90 |
| 36 | Leather and leather products... | 101.96 | 97.08 | 6.07 | 100.94 |
| 37 | Private services-producing industries | 102.06 | 102.43 | 104.20 | 107.66 |
| 38 | Transportation and public utili | 101.19 | 97.35 | 100.09 | 108.59 |
| 39 | Transportation. | 100.76 | 97.77 | 101.47 | 111.05 |
| 40 | Railroad transportation | 100.37 | 97.14 | 99.49 | 107.33 |
| $4 \dagger$ | Local and interurban passenger transit | . 01 | 91.56 | 81 | 109.09 |
| 42 | Trucking and warehousing. | 100.85 | 98.69 | 102.54 | 111.54 |
| 43 | Water transportation | 101.73 | 101.32 | 104.55 | 111.24 |
| 44 | Transportation by air | 100.21 | 93.56 | 97.61 | 112.27 |
| 45 | Pipelines, except natur | 100.32 | 98.43 | 100.84 | 107.48 |
| 46 | Transportation services | 102.10 | 103.52 | 106.20 | 109.97 |
| 47 | Communications | 100.46 | 99.54 | 99.19 | 99.16 |
| 48 | Telephone and telegra | 99.93 | 98.42 | 97.19 | 96.22 |
| 49 | Radio and television. | 102.58 | 104.21 | 107.68 | 111.92 |
| 50 | Electric, gas, and sanitary | 102.78 | 93.86 | 99.31 | 120.55 |
| 51 | Wholesale trade | 100.35 | 99.35 | 100.01 | 101.22 |
| 52 | Retail trade | 102.02 | 102.79 | 104.79 | 107.90 |
| 53 | Finance, insurance, and rea | 104.12 | 107.74 | 109.63 | 111.90 |
| 54 | Depository institutions. | 102.86 | 105.99 | 108.18 | 111.48 |
| 55 | Nondepository institutions | 104.07 | 108.68 | 110.42 | 114.26 |
| 56 | Security and commodity | 101.44 | 103.78 | 103.85 | 102.89 |
| 57 | Insurance carriers | 103.24 | 106.41 | 108.42 | 110.14 |
| 58 | Insurance agents, | 102.13 | 103.70 | 105.29 | 108.19 |
| 59 | Real estate. | 105.45 | 109.49 | 111.80 | 114.94 |
| 60 | Nonfarm housing | 103.92 | 106.69 | 110.21 | 113.42 |
| 61 | Other real estate | 105.94 | 110.43 | 112.30 | 115.42 |
| 62 | Holding and other | 102.94 | 109.37 | 112.64 | 114.43 |
| 63 | Services | 101.24 | 101.37 | 102.72 | 105.13 |
| 64 | Hotels and other lodging p | 102.50 | 103.85 | 105.70 | 109.07 |
| 65 | Personal services | 102.37 | 103.60 | 105.95 | 109.08 |
| 66 | Business services | 98.89 | 96.34 | 95.26 | 95.05 |
| 68 | Auto repair, services, and parkin | 100.89 | 100.36 | 102.15 | 106.19 |
| 68 | Miscellaneous rep | 100.29 | 98.84 | 99.53 | 99.89 |
| 69 | Motion pictures. | 102.59 | 104.26 | 108.19 | 113.11 |
| 70 | Amusement and recreation services. | 102.18 | 103.36 | 111.10 | 115.36 |
| 71 | Health services. | 101.41 | 101.86 | 102.91 | 105.67 |
| 72 | Legal services... | 102.68 | 104.65 | 106.90 | 110.12 |
| 73 | Educational services | 101.93 | 103.16 | 104.93 | 108.10 |
| 74 | Social services. | 101.46 | 102.05 | 103.86 | 107.21 |
| 75 | Membership organization | 101.28 | 101.87 | 102.86 | 106.08 |
| 76 | Other services | 102.25 | 103.86 | 105.90 | 109.23 |
| 77 | Private |  |  |  |  |
| 78 | Government | 101.67 | 100.43 | 103.37 | 110.11 |
| 79 | Federal. | 101.17 | 100.12 | 103.00 | 108.73 |
| 80 | General government. |  |  |  |  |
| 81 | Government enterprises | 101.17 | 100.12 | 103.00 | 108.73 |
| 82 | State and local | 101.79 | 100.51 | 103.46 | 110.43 |
| $84$ | General government...... Government enterprises | 101.79 | 100.51 | 103.46 | 110.43 |

Table 14.-Current Dollar Cost Per Unit of Real Gross Domestic Product by Private Industry Group, 1997-2000
[Dollars]

| Line |  | 1997 | 1998 | 1999 | 2000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Total | 1.014 | 1.025 | 1.034 | 1.059 |
| 2 | Compensation of employees | 0.530 | 0.542 | 0.551 | 0.568 |
| 3 | Indirect business tax and nontax liability | 0.091 | 0.091 | 0.090 | 0.092 |
| 4 | Property-type income ......................... | 0.394 | 0.392 | 0.393 | 0.399 |
| 5 | Goods-producing industries . | 0.997 | 0.991 | 0.992 | 1.027 |
| 6 | Compensation of employees | 0.584 | 0.595 | 0.591 | 0.611 |
| 7 | Indirect business tax and nontax liability. | 0.039 | 0.039 | 0.039 | 0.043 |
| 8 | Property-type income .......................... | 0.374 | 0.357 | 0.362 | 0.372 |
| 9 | Agriculture, forestry and fishing | 0.905 | 0.880 | 0.829 | 0.816 |
| 10 | Compensation of employees | 0.298 | 0.319 | 0.325 | 0.310 |
| 11 | Indirect business tax and nontax liability.... | 0.048 | 0.048 | 0.048 | 0.045 |
| 12 | Property-type income............................ | 0.558 | 0.513 | 0.457 | 0.461 |
| 13 | Mining.. | 1.017 | 0.837 | 0.923 | 1.336 |
| 14 | Compensation of employees | 0.301 | 0.299 | 0.306 | 0.383 |
| 15 | Indirect business tax and nontax liability.... | 0.103 | 0.098 | 0.105 | 0.144 |
| 16 | Property-type income .............................. | 0.612 | 0.441 | 0.512 | 0.808 |
| 17 | Construction | 1.042 | 1.092 | 1.150 | 1.222 |
| 18 | Compensation of employees | 0.681 | 0.706 | 0.738 | 0.786 |
| 19 | Indirect business tax and nontax liability.... | 0.024 | 0.025 | 0.025 | 0.026 |
| 20 | Property-type income... | 0.337 | 0.361 | 0.388 | 0.411 |
| 21 | Manufacturing | 0.994 | 0.991 | 0.977 | 0.982 |
| 22 | Compensation of employees | 0.614 | 0.621 | 0.605 | 0.614 |
| 23 | Indirect business tax and nontax liability .... | 0.036 | 0.037 | 0.037 | 0.040 |
| 24 | Property-type income............................ | 0.344 | 0.333 | 0.336 | 0.328 |
| 25 | Durable goods | 0.973 | 0.930 | 0.897 | 0.872 |
| 26 | Compensation of employees | 0.652 | 0.630 | 0.607 | 0.605 |
| 27 | Indirect business tax and nontax liability | 0.024 | 0.023 | 0.022 | 0.022 |
| 28 | Property-type income... | 0.298 | 0.278 | 0.267 | 0.245 |
| 29 | Nondurable goods | 1.024 | 1.082 | 1.099 | 1.158 |
| 30 | Compensation of employees | 0.561 | 0.601 | 0.593 | 0.617 |
| 31 | Indirect ousiness tax and nontax liability | 0.054 | 0.060 | 0.060 | 0.073 |
| 32 | Property-type income.. | 0.409 | 0.420 | 0.446 | 0.468 |
| 33 | Services-producing industries | 1.021 | 1.038 | 1.049 | 1.071 |
| 34 | Compensation of employees | 0.509 | 0.523 | 0.535 | 0.552 |
| 35 | Indirect business tax and nontax liability | 0.110 | 0.110 | 0.109 | 0.110 |
| 36 | Property-type income ............. | 0.401 | 0.405 | 0.405 | 0.409 |
| 37 | Transportation and public utilities | 1.029 | 1.072 | 1.054 | 1.056 |
| 38 | Compensation of employees | 0.448 | 0.471 | 0.475 | 0.479 |
| 39 | Indirect business tax and nontax liability... | 0.102 | 0.108 | 0.104 | 0.104 |
| 40 | Property-type income..... | 0.479 | 0.492 | 0.475 | 0.473 |
| 41 | Wholesale trade | 0.970 | 0.916 | 0.920 | 0.952 |
| 42 | Compensation of employees | 0.526 | 0.506 | 0.522 | 0.544 |
| 43 | Indirect business tax and nontax liability .... | 0.209 | 0.191 | 0.190 | 0.196 |
| 44 | Property-type income ... | 0.235 | 0.219 | 0.208 | 0.211 |
| 45 | Retail trade. | 0.994 | 0.988 | 0.990 | 0.987 |
| 46 | Compensation of employees | 0.572 | 0.561 | 0.567 | 0.564 |
| 47 | Indirect business tax and nontax liability .... | 0.180 | 0.177 | 0.178 | 0.179 |
| 48 | Property-type income. | 0.242 | 0.250 | 0.244 | 0.244 |
| 49 | Finance, insurance and real estate .. | 1.032 | 1.053 | 1.057 | 1.070 |
| 50 | Compensation of employees ................... | 0.248 | 0.263 | 0.268 | 0.275 |
| 51 | Indirect business tax and nontax liability .... | 0.128 | 0.126 | 0.123 | 0.123 |
| 52 | Property-type income... | 0.656 | 0.664 | 0.666 | 0.672 |
| 53 | Services | 1.036 | 1.077 | 1.116 | 1.161 |
| 54 | Compensation of employees | 0.742 | 0.778 | 0.807 | 0.846 |
| 55 | Indirect business tax and nontax liability.... | 0.031 | 0.032 | 0.033 | 0.034 |
| 56 | Property-type income ........................... | 0.263 | 0.267 | 0.276 | 0.281 |

Note--Current-dollar cost per unit of real gross domestic product by industry equals the gross domestic product by industry price index divided by 100 . These unit-cost measures Statistics (BLS). See BLS Handbook of Methods, Bulletin 2490 (Washington, DC: U.S. Government Printing Office, April 1997).

# Reconciliation of the U.S.-Canadian Current Account, 1999 and 2000 

By Anthony DiLullo and Hugh Henderson

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ON a reconciled basis, the U.S. deficit, or Canadian surplus, is $\$ 19.1$ billion for 1999 and $\$ 39.6$ billion for 2000 (chart 1, table 1). ${ }^{1}$ The U.S.published current-account balance with Canada is a U.S. deficit of $\$ 14.7$ billion for 1999 and a U.S. deficit of $\$ 30.7$ billion for 2000 . The corresponding Canadian-published balance is a Canadian surplus (U.S. deficit) of $\$ 22.0$ billion for 1999 and a Canadian surplus (U.S. deficit) of $\$ 42.6$ billion for 2000.

This article presents the results of the reconciliation of the bilateral current-account estimates of Canada and the United States for 1999 and

1. The reconciled estimates are intended to show how the current-account estimates would appear if both countries used the same definitions, methodologies, and data sources. In this article, all values are expressed in U.S. dollars.

$2000 .^{2}$ The details of the current-account reconciliation for 1999 and 2000 are presented in the tables that follow this article. Tables 2.1 and 2.2 show the details of the major types of reconciliation ad-justments-definitional, methodological, and sta-tistical-that were made to the major currentaccount 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),
[^20]Table 1.—Major U.S.-Canadian Balances [Billions of U.S. dollars]

|  | Published estimates |  | Reconciled estimates |  |
| :---: | :---: | :---: | :---: | :---: |
|  | United States | Canada | United States | Canada |
| 1999 |  |  |  |  |
| Goods and services.......................... | -28.9 | 36.8 | -36.9 | 36.9 |
| Goods ....................................... | -34.6 | 40.3 | -40.8 | 40.8 |
| Services ..................................... | 5.6 | -3.5 | 3.9 | -3.9 |
| Income.......................................... | 14.9 | -16.7 | 18.3 | -18.3 |
| Current unilateral transfers ............... | -0.6 | 1.9 | -0.5 | 0.5 |
| Current account .................................. | -14.7 | 22.0 | -19.1 | 19.1 |
| 2000 |  |  |  |  |
| Goods and services.......................... | -47.9 | 57.4 | -58.1 | 58.1 |
| Goods ....................................... | -54.7 | 61.9 | -63.1 | 63.1 |
| Services ..................................... | 6.8 | -4.4 | 5.0 | -5.0 |
| income.......................................... | 17.9 | -17.0 | 19.2 | -19.2 |
| Current unilateral transfers ................. | -0.7 | 2.2 | -0.6 | 0.6 |
| Current account .................................. | -30.7 | 42.6 | -39.6 | 39.6 |

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.
the reconciled estimates, and the amounts of the adjustments for each major current-account component. Tables 4-7 present the reconciliation details for goods, services, and investment income. ${ }^{3}$

## Reconciled Current-Account Balances

In the U.S. current account, the reconciliation adjustments resulted in an increase of $\$ 4.4$ billion in the U.S. deficit for 1999 and an increase of $\$ 8.9$ billion in the U.S. deficit for 2000 . In both years, the increases reflect larger adjustments to the U.S. southbound estimates than to the northbound estimates (tables 2.1 and 2.2). ${ }^{4}$ The largest increases

[^21]
## Acknowledgments

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## 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 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 2000 are in components of the current account for which data are still preliminary and subject to revision; these differences may be eliminated when final data for these components become available.
The longstanding Canadian-U.S. current-account reconciliation is among the leading examples of the benefits of international data sharing. As a result of the reconciliation process and the exchange of data, the accuracy of the pub-

[^22]lished 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 transac-tions-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. The exchange of data was expanded in 2000, when BEA began using the Statistics Canada estimates of southbound (U.S. payments) computer services in the U.S.-published estimates of services. The Statistics Canada estimates, which are derived from surveys, are believed to have more complete coverage of those services than BEA's 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.
in the U.S. southbound 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), and from an increase for undercoverage of some southbound services (a statistical adjustment). 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 (a statistical adjustment).

In the Canadian current account, the reconciliation adjustments resulted in a decrease of $\$ 2.9$ billion in the 1999 Canadian surplus and in a decrease of $\$ 3.0$ billion in the 2000 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 netting of Canadian bank claims and li-
abilities 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. These downward adjustments were partly offset by upward adjustments for statistical differences in direct investment income.

## Summary of Reconciliation Methodology

In reconciling the differences in the U.S.- and Ca-nadian-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 Canadian-

Table 2.1.-Summary of Reconciliation Adjustments, Northbound, 1999
[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 <br> Valuation adjustments. $\qquad$ <br> Reclassification of equipment repairs from unaffiliated services... <br> Statistical adjustments $\qquad$ | $\begin{aligned} & 92 \\ & 92 \end{aligned}$ | $\begin{aligned} & \hline-181 \\ & -181 \end{aligned}$ | 232 232 |  |  |  |  | -577 <br> ....... <br> -577 | 324 92 232 | -758 -181 -577 |
| Services. | 121 | -344 | -232 | -66 |  |  | 742 | -560 | 631 | -970 |
| Travel. |  |  | 653 |  |  |  | -95 | 17 | 558 | 17 |
| Reclassification of education from unatfiliated services............. |  |  | 474 | ................ |  |  |  |  | 474 |  |
| Reclassification of medical services from unaffiliated services Statistical adjustments |  |  | 179 |  |  |  | -95 | 17 | 179 -95 | 17 |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | -215 | ................ | -215 | ............... |
| Other transportation. |  | -121 |  | 171 |  |  | -152 | -44 | -152 | 6 |
| Valuation adjustments $\qquad$ Reclassification of transportation services from unaffiliated | ..... | -121 |  |  |  |  |  |  |  | -121 |
| services |  |  |  | 171 |  |  |  |  |  | 171 |
| Statistical adjustments .......................................... |  |  |  |  |  |  | -152 | -44 | -152 | -44 |
| Other services. | 121 | -223 | -885 | -237 |  |  | 1,204 | -533 | 440 | -993 |
| Affiliated ._..................................................................... |  | -153 | -229 |  |  |  | 256 | -1,909 | 27 | -2,062 |
| Valuation adjustments.... |  | -153 |  |  |  |  |  |  |  | -153 |
| Reclassification of film rentals to unatiliated services........... | ............... |  | $\begin{array}{r} -157 \\ -72 \end{array}$ |  |  |  |  | ................ | -157 |  |
| Statistical adjustments |  |  |  |  |  |  | 256 | $-1,909$ | 256 | -1,909 |
| Unaffiliated. | 121 | -70 | -656 | -237 |  |  | 948 | 1,267 | 413 | 960 |
| Valuation adjustments | 121 | -70 |  |  |  |  |  |  | 121 | -70 |
| Reclassification of transactions to or from other accounts ...... |  |  | -656 | -237 |  |  |  |  | -656 | -237 |
| Statistical adjustments ................................................... |  | ...... |  | ........ | ............... |  | 948 | 1,267 | 948 | 1,267 |
| U.S. military sales ............................................................ |  |  |  |  |  |  |  | 109 |  | 109 |
| Statistical adjustments ................................................. |  |  |  |  |  |  |  | 109 |  | 109 |
| Income. | 934 | -2,406 |  | 66 | -1,293 | -2,922 | 2,022 | 2.159 | 1,663 | -3,103 |
| Direct investment ............................................................... |  | -415 | ............... | -28 | ... | -121 | 160 | 2.101 | 160 | 1,537 |
| Valuation adjustments.................................... | .............. | -415 |  |  |  |  |  |  |  | -415 |
| Reclassification of dividends to "other" income ........................ |  |  |  | -28 |  |  |  |  | ............. | -28 |
| Adjustment of interest income to a net basis Statistical adjustments $\qquad$ | ............... | .............. | .............. |  | ................ | -121 | 160 | 2101 | 160 | -121 |
| Other investment. | 934 | -1,991 |  | 28 | -1,293 | -2,801 | 1,862 | 48 | 1,503 | -4,716 |
| Valuation adjustments............ | 934 | -1,991 |  |  |  |  |  |  | 934 | -1,991 |
| Reclassification of dividends from direct investment ................. |  |  |  | 28 |  |  |  |  |  |  |
| Adjustment of interest income to a gross or net basis ...... |  |  |  |  | -1,293 | -2,80才 |  |  | -1,293 | -2,801 |
| Statistical adjustments ............................................. |  |  |  |  |  |  | 1,862 | 48 | 1,862 | 48 |
| Compensation of employees .............................................. |  |  |  | 66 |  |  |  | 10 |  | 76 |
| Current unilateral transfers |  | -253 |  |  | 170 |  | 110 |  | 280 | -253 |
| Valuation adjustments... |  | -253 |  |  |  |  |  |  |  | -253 |
| Adjustment of U.S. transters to a gross basis .... |  |  |  |  | 170 |  |  |  | 170 |  |
| Statistical adjustments .......................................................... |  |  |  |  |  |  | 110 |  | 110 |  |
| Total adjustments ......................................................... | 1,147 | -3,184 |  |  | -1,123 | -2,922 | 2,874 | 1,022 | 2,898 | -5,084 |

published estimates now largely conform to the international standards, but some differences with the international standards-and between the U.S. and Canadian estimates-persist in the published estimates because of data limitations, difficulties in determining country attribution, and differences in classification.

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 ac-counts-cannot be allocated by country for
comparison with the Canadian estimates.
The methodological adjustments mainly reflect differences 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" private services and of "other" investment income. For the southbound estimates, most of the statistical differences are in the U.S. and Canadian estimates of "other" private services and of direct investment income.

Tables 2.2-7 follow.

Table 2.1.-Summary of Reconciliation Adjustments, Northbound, 2000


Table 2.2.-Summary of Reconciliation Adjustments, Southbound, 1999
[Millions of U.S. dollars]

(*) Less than ( $\pm$ ) $\$ 500,000$.

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


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. receipts | Canadian payments | Difference | $\begin{aligned} & \text { U.S. } \\ & \text { receipts } \end{aligned}$ | Canadian payments | Remaining difference | U.S. receipts | Canadian payments | United States | Canada |
| 1999 |  |  |  |  |  |  |  |  |  |  |
| Goods and services.. | 188,144 | 190,827 | -2,683 | 188,357 | 190,234 | -1,877 | 189,099 | 189,099 | 955 | -1,728 |
| Goods, balance of payments basis ................... | 166,727 | 167,809 | -1,082 | 167,051 | 167,628 | -577 | 167,051 | 167,051 | 324 | -758 |
| Services | 21,417 | 23,018 | -1,601 | 21,306 | 22,606 | -1,300 | 22,048 | 22,048 | 631 | -970 |
| Travel.................................................... | 6,670 | 7,211 | -541 | 7,323 | 7,211 | 112 | 7,228 | 7,228 | 558 | 17 |
| Passenger fares........................................ | 1,540 | 1,325 | 215 | 1,540 | 1,325 | 215 | 1,325 | 1,325 | -215 | ........ |
| Other transportation.................................. | 2,484 | 2,326 | 158 | 2.484 | 12,374 | 110 -1846 | 2,332 | 2,332 | -152 | ${ }^{6}$ |
| Other services <br> U.S. military sales | 10,614 109 | 12,156 ${ }_{\text {(1) }}$ | $\begin{array}{r}-1,542 \\ \hline 109\end{array}$ | 9,850 109 | 11,696 ${ }^{1}$ ) | $-1,846$ 109 | 11,054 109 | 11,054 109 | 440 | $-1,102$ 109 |
| Income ........................................................ | 23,115 | 27,881 | -4,766 | 22,757 | 22,620 | 137 | 24,778 | 24,778 | 1,663 | -3,103 |
| Investment income...................................... | 23.039 | 27.881 | -4,842 | 22,681 | 22,554 | 127 | 24,702 | 24,702 | 1,663 | -3,179 |
| Direct investment.................................... | 11,986 | 10,609 | 1,377 | 11,986 | 10,045 | 1,941 | 12,146 | 12,146 | 160 | 1,537 |
| Other investment..................................... | 11,053 | 17,272 | -6,219 | 10,696 | 12,509 | -1,814 | 12,556 | 12,556 | 1,503 | -4,716 |
| Compensation of employees ........................... | 76 | ${ }^{2}$ ) | 76 | 76 | 66 | 10 | 76 | 76 | ............... | 76 |
| Current unilateral transters................................ | ${ }^{(3)}$ | 533 | -533 | 170 | 280 | -110 | 280 | 280 | 280 | -253 |
| Current account, northbound .... | 211,259 | 219,240 | -7,982 | 211,284 | 213,134 | -1,850 | 214,156 | 214,156 | 2,898 | -5,084 |
| Goods and services ......................................... | 202,409 | 204,720 | -2,311 | 202,663 | 204,069 | -1,406 | 203,182 | 203,182 | 773 | -1,538 |
| Goods, balance of payments basis...... | 178,987 | 180,228 | -1,241 | 179,329 | 179,991 | -662 | 179,329 | 179,329 | 342 | -899 |
| Services ................................................... | 23,422 | 24,492 | -1,070 | 23,334 | 24,078 | -744 | 23,853 | 23,853 | 431 | -639 |
| Travel..................................................... | 7,055 | 7.611 | -556 | 7,758 | 7.611 | 147 | 7.626 | 7,626 | 571 | 15 |
| Passenger fares................................. | 1.713 | 1,427 | 286 | 1,713 | 1,427 | 286 | 1,427 | 1,427 | -286 |  |
| Other transportation.................................... | 2,703 | 2,531 | -172 | 2,702 | 2,504 | 198 | 2,552 | 2,552 | -151 | 21 |
| Other services ........................................ | 11,808 | 12,923 | -1,115 | 11,018 | 12,536 | -1,518 | 12,105 | 12,105 | 297 | -818 |
| U.S. military sates ...................................... | 143 | (') | 143 | 143 | (') | 143 | 143 | 143 |  | 143 |
| Income....................................................... | 27,225 | 30,586 | -3,361 | 26,437 | 22,669 | 3,768 | 26,510 | 26,510 | -715 | -4,076 |
| Investment income...................................... | 27.147 | 30,586 | -3,439 | 26,359 | 22,600 | 3,759 | 26,432 | 26,432 | -715 | -4,154 |
| Direct investment.................................... | 14,518 | 12,417 | 2,101 | 14,518 | 9,882 | 4,636 | 13,396 | 13,396 | -1,122 | 979 |
| Other investment....................................... | 12,629 | 18,169 | -5,540 | 11,841 | 12,718 | -877 | 13,036 | 13,036 | 407 | -5,133 |
| Compensation of employees .......................... | 78 | ${ }^{2}$ ) | 78 | 78 | 69 | 9 | 78 | 78 | ................ | 78 |
| Current unilateral transfers................................ | $\left.{ }^{3}\right)$ | 597 | -597 | 180 | 294 | -114 | 294 | 294 | 294 | -303 |
| Current account, northbound | 229,634 | 235,903 | -6,269 | 229,280 | 227,033 | 2,247 | 229,986 | 229,986 | 352 | -5,917 |

1. In the Canadian published accounts, transactions of US military agencies are not shown separately.
2. In the Canadian published accounts, compensation of employees is included in "other" services.
3. 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 | U.S. payments | Difference | Canadian receipts | U.S. payments | Remaining difference | Canadian receipts | U.S. payments | Canada | United States |
| 1999 |  |  |  |  |  |  |  |  |  |  |
| Goods and services......... | 227,652 | 217,059 | 10,593 | 226,874 | 223,195 | 3,679 | 225,969 | 225,969 | -1,683 | 8,910 |
| Goods............ | 208,099 | 201,288 | 6,811 | 207,705 | 207,437 | 268 | 207,828 | 207,828 | -271 | 6,540 |
| Services .... | 19,553 | 15,771 | 3,782 | 19,169 | 15,758 | 3,411 | 18,141 | 18,141 | -1,412 | 2,370 |
| Travel......... | 6,228 | 6,135 | 93 | 6,228 | 6,148 | 80 | 6,793 | 6,193 | -35 |  |
|  | 2.878 | 712 3,266 | -348 | 2,893 | 2.943 | -50 | 2.915 | 2.915 | 37 | -311 |
| Other services .......................................... | 9,735 | 5,626 | 4,109 | 9,284 | 5,903 | 3,381 | 8,269 | 8,269 | -1,466 | 2,643 |
| U.S. defense expenditures........................ | (1) | 72 | -72 | 52 | 52 |  | 52 | 52 | 52 | -20 |
| Income .... | 11,157 | 8,233 | 2,924 | 7,617 | 6,841 | 776 | 6.469 | 6,469 | -4,688 | -1,764 |
| Investment income.. | 11,157 | 7,984 | 3,173 | 7.423 | 6,592 | 831 | 6,220 | 6,220 | -4,937 | -1,764 |
| Direct investment ............... | 4,712 | 1,999 | 2,713 | 3,927 | 1,999 | 1,928 | 1,989 | 1.989 | -2.723 |  |
| Other investment................................ | 6,445 | 5,985 | 460 | 3.496 | 4,593 | -1,097 | 4,231 | 4,231 | -2.214 | -1,754 |
| Other private investment....................... | 5,525 | 4,841 | 684 | 2,536 | 3,549 | -1,013 | 3,229 | 3,229 | -2,296 | -1,612 |
|  | ${ }_{(220}$ | $\begin{array}{r}1,144 \\ \hline 249\end{array}$ | -224 | 960 194 | 1,044 | -54 | 1,002 | $\begin{array}{r}1,002 \\ \hline 249\end{array}$ | 82 249 | -142 |
| Current unilateral transfers........ | 2,479 | 638 | 1,841 | 822 | 808 | 14 | 808 | 808 | -1,671 | 170 |
| Current account, southbound.. | 241,289 | 225,930 | 15,358 | 235,312 | 230,844 | 4,469 | 233,246 | 233,246 | -8,042 | 7,316 |
| 2000 |  |  |  |  |  |  |  |  |  |  |
| Goods and services. | 262,160 | 250,268 | 11,892 | 261,959 | 258,596 | 3,363 | 261,318 | 261,318 | -842 | 11,050 |
| Goods........ | 242,089 | 233,678 | 8.411 | 242,196 | 242,033 | 163 | 242,441 | 242,441 | 352 | 8.763 |
| Services | 20,071 | 16,590 | 3,481 | 19,763 | 16,563 | 3,200 | 18,877 | 18,877 | -1,194 | 2,287 |
| Travel.......... | 6,476 | 6,367 | 109 | 6,476 | 6,381 | 95 | 6,435 | 6,435 | -41 | 68 |
| Passenger ares....................... | 3.165 | 3.578 | $-413$ | 3.183 | 3.269 | -86. | 3224 | 3.224 | 59 | -354 |
| Other services ................................. | 9,603 | 5,748 | 3,855 | 9,225 | 6,034 | 3,191 | 8,339 | 8,339 | -1,264 | 2,591 |
| U.S. defense expenditures.......... | (1) | 70 | -70 | 52 | 52 |  | 52 | 52 | 52 | -18 |
| Income... | 13,607 | 9,344 | 4,263 | 9,466 | 7,322 | 2,144 | 7,356 | 7,356 | -6,251 | -1,988 |
| Investment income... | 13,607 | 9,088 | 4,519 | 9,261 | 7,066 | 2,195 | 7,100 | 7.100 | -6,507 | -1,988 |
| Direct investment...... | 5,710 | 911 | 4,799 | 4,791 | 911 | 3,880 | 1,563 | 1.563 | -4,147 | 652 |
| Other investment... | 7,897 | 8,177 | -280 | 4,470 | 6,155 | -1,685 | 5,537 | 5,537 | -2,360 | -2,640 |
| Other private investment........ | 6,727 | 6,214 | 513 | 3,192 | 4,491 | -1,299 | 3,970 | 3,970 | -2,757 | -2,244 |
| U.S. Government liabilities....... | 1,170 | 1,963 | -793 | 1,278 | 1,664 | -386 | 1,567 | 1,567 | 397 | -396 |
| Compensation of employees ............. | ${ }^{(2)}$ | 256 | -256 | 205 | 256 | -51 | 256 | 256 | 256 | ............... |
| Current unilateral transfers.. | 2,785 | 724 | 2,061 | 924 | 904 | 20 | 904 | 904 | -1,881 | 180 |
| Current account, southbound................... | 278,553 | 260,336 | 18,216 | 272,349 | 266,822 | 5,527 | 269,578 | 269,578 | -8,974 | 9,242 |

1. In the Canadian published accounts, transactions of U.S. military agencies are not shown separately
2. 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]

|  | U.S. receipts | Canadian payments | Type of adjustment |
| :---: | :---: | :---: | :---: |
| 1999 |  |  |  |
| Batance of payments basis, published.............. | 166,727 | 167,809 |  |
| Definitional and methodological adjustments: <br> Valuation adjustments. <br> Reclassification of equipment from unaffiliated services $\qquad$ | 92 232 | -181 | Definitional <br> Reclassification |
| Common basis, after definitional and methodological adjustments | 167,051 | 167,628 |  |
| Statistical adjustments ................. |  | -577 | Statistical |
| Reconciled, including slatistical adjustments .... $2000$ | 167,051 | 167,051 |  |
| Baiance of payments basis, published............... | 178,897 | 180,228 |  |
| Definitional and methodological adjustments: Valuation adjustments Reclassification of equipment from unatiliated services ... $\qquad$ | 116 226 | -237 | Definitional Reclassitication |
| Common basis, after definitional and methodological adjustments. | 179,239 | 179,991 |  |
| Statistical adjustments ................................ |  | -662 | Statistical |
| Reconciled, including statistical adjustments .... | 179,239 | 179,329 |  |

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

|  | Canadian receipts | U.S. payments | Type of adjustment |
| :---: | :---: | :---: | :---: |
| 1999 |  |  |  |
| Balance of payments basis, published.............. | 208,099 | 201,288 |  |
| Definitional and methodological adjustments: |  |  |  |
| Valuation adjustments...................... | -1,368 | 281 | Definitional |
| Canadian rexports to the United States ....... | 973 | 4,895 | Definitional |
|  |  | (*) | Reclassification |
| Common basis, atter definitional and methodological adjustments. | 207,705 | 207,437 |  |
| Statistical adjustments .................................. | 124 | 391 | Statistical |
| Reconciled, including statistical adjustments .... 2000 | 207,828 | 207,828 |  |
| Balance of payments basis, published. | 242,089 | 233,678 |  |
| Definitional and methodological adjustments: Valuation adjustments | -1,674 | 249 | Definitional |
| Canadian reexports to the United States ....... |  | 6,323 | Definitional |
| Inland freight adjustment <br> Reclassification of equipment from unaffiliated services $\qquad$ | 1,780 | 1,780 | Definitional <br> Reclassification |
| Common basis, after definitional and methodological adjustments. | 242,196 | 242,033 |  |
| Statistical adjustments ..................................... | 246 | 408 | Statistical |
| Reconciled, including statistical adjustments .... | 242,441 | 242,441 |  |

(*) Less than ( $\pm$ ) $\$ 500,000$.

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 adjustments to published estimates |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | U.S. receipts | Canadian payments | Difference | U.S. receipts | Canadian payments | Remaining difference | $\begin{gathered} \text { U.S. } \\ \text { receipts } \end{gathered}$ | Canadian payments | United States | Canada | Type of adjustment |
| 1999 |  |  |  |  |  |  |  |  |  |  |  |
| Travel........................................... | 6,670 | 7,211 | -541 | 7,323 | 7,211 | 112 | 7,228 | 7,228 | 558 | 17 |  |
| Business and personal. | 6,670 | 6,575 | 95 | 6,670 | 6,575 | 95 | 6,575 | 6,575 | -95 |  | Statistical |
| Education ....................................... |  | 457 | -457 | 474 | , 457 | 17 | + 474 | 474 | 474 | 17 | Reclassification and statistical |
| Medical........................................ |  | 179 | -179 | 179 | 179 |  | 179 | 179 | 179 |  | Reclassification |
| Passenger fares .............................. | 1,540 | 1,325 | 215 | 1,540 | 1,325 | 215 | 1,325 | 1,325 | -215 |  | Statistical |
| Other transportation......................... | 2,484 | 2,326 | 158 | 2,484 | 2,374 | 110 | 2,332 | 2,332 | -152 | 6 |  |
| Freight....................................... | 1,977 | 1,979 | -2 | 1,811 | 1,858 | -47 | 1,821 | 1,821 | -156 | -158 |  |
| Ocean ....................................... | 65 | 237 | -172 | 51 | 116 | -65 | 78 | 78 | 13 | -159 | Definitional, reclassification, and statistical |
| Air ........................................ | 76 1.302 | $\begin{array}{r}43 \\ \hline 1304\end{array}$ | 33 | 76 | 43 | 33 | 433 | 43 1302 | -33 |  | Statistical |
| Truck ...................................... | 1,302 | 1,304 | 139 | 1,302 | 1,304 | -2 | 1,302 | 1,302 |  | -2 | Statistical |
| Other ....................................... | 534 | 395 | 139 | 382 | 395 | -13 | 398 | 398 | -136 | 3 | Reclassification and statistical |
| Port services ............................... | 507 | 322 | 185 | 659 | 492 | 167 | 487 | 487 | -20 | 165 |  |
| Vessel operators............................... | 64 | 22 | 42 | 64 | 21 | 43 | 21 | 21 | -43 | -1 | Definitional and statistical |
| Airline operators........................ | 276 | 281 | -5 | 276 | 281 | -5 | 276 | 276 |  | $-5$ | Statistical |
| 0ther ...................................... | 167 | 19 | 148 | 319 | 190 | 129 | 190 | 190 | 23 | 171 | Reclassification and statistical |
| Other ......................................... |  | 23 | -23 | 14 | 23 | -9 | 23 | 23 | 23 | ........ | Reclassification and statistical |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |
| Travel ........................................... | 7,055 | 7,611 | -556 | 7,758 | 7,611 | 147 | 7,626 | 7,626 | 571 | 15 |  |
| Business and personal ................... | 7,055 | 6,923 | 132 | 7,055 | 6,923 | 132 | 6,923 | 6,923 | -132 |  | Statistical |
| Education $\qquad$ | .......... | 490 | -490 | 505 | 490 | 15 | 505 198 | 505 198 | 505 198 | 15 | Reclassification and statistical |
| Medical...................................... | . | 198 | -198 | 198 | 198 |  | 198 | 198 | 198 | . | Reclassification |
| Passenger fares .............................. | 1,713 | 1,427 | 286 | 1,713 | 1,427 | 286 | 1,427 | 1,427 | -286 | ....... | Statistical |
| Other transportation ......................... | 2,703 | 2,531 | 172 | 2,702 | 2,504 | 198 | 2,552 | 2,552 | -151 | 21 |  |
| Freight....................................... | 2,167 | 2,139 | 28 | 1,998 | 1,927 | 71 | 1,961 | 1,961 | -206 | -178 |  |
| Ocean ................................... | 138 | 291 | -153 | 130 | 82 | 48 | 107 | 107 | -31 | -184 | Definitional, reclassification, and statistical |
| Air ........................................ | 86 | 54 | 32 | 86 | 54 | 32 | 54 | 54 | -32 | ............ | Statistical |
| Truck ....................................... | 1,404 | 1,404 |  | 1,404 | 1,404 |  | 1.404 | 1,404 |  |  |  |
| Other ...................................... | 539 | 390 | 149 | 378 | 387 | -9 | 396 | 396 | -143 | 6 | Reclassification and statistical |
| Port services ............................... | 536 | 346 | 190 | 696 | 524 | 172 | 539 | 539 | 3 | 193 |  |
| Vessel operators........................ | 49 | 26 | 23 | 49 | 25 | 24 | 25 | 25 | -24 |  | Definitional and statistical |
| Airline operators....................... | 319 | 301 | 18 | 319 | 301 | 18 | 319 | 319 |  | 18 | Statistical |
| Other ....................................... | 168 | 19 | 149 | 328 | 198 | 130 | 195 | 195 | 27 | 176 | Reclassification and statistical |
| Other .......................................... |  | 46 | -46 | 8 | 52 | -44 | 52 | 52 | 52 | 6 | 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 | U.S. payments | Difference | Canadian receipts | U.S. payments | Remaining difference | Canadian receipts | $\begin{gathered} \text { U.S. } \\ \text { payments } \end{gathered}$ | Canada | United States | Type of adjustment |
| 1999 |  |  |  |  |  |  |  |  |  |  |  |
| Travel....................................... | 6,228 | 6,135 | 93 | 6,228 | 6,148 | 80 | 6,193 | 6,193 | -35 | 58 |  |
| Business and personal $\qquad$ <br> Education <br> Medical. $\qquad$ | $\begin{array}{r} 6,097 \\ 84 \\ 48 \end{array}$ |  | -38 <br> 84 <br> 48 | $\begin{array}{r} 6,097 \\ 84 \\ 48 \end{array}$ | 6,135 13 | -38 <br> 71 <br> 48 | $\begin{array}{r} 6,097 \\ 48 \\ 48 \end{array}$ | $\begin{array}{r} 6,097 \\ 48 \\ 48 \end{array}$ | $\cdots \cdots$ | $\begin{array}{r} -38 \\ 48 \\ 48 \end{array}$ | Statistical <br> Reclassification and statistical Statistical |
| Passenger fares ........................... | 712 | 712 |  | 712 | 712 |  | 712 | 712 |  |  |  |
| Other transportation.... | 2,878 | 3,226 | -348 | 2,893 | 2,943 | -50 | 2,915 | 2,915 | 37 | -311 |  |
| Freight... | 2,387 | 2,512 | -125 | 2,387 | 2,382 | 5 | 2,380 | 2,380 | -7 | -132 |  |
| Ocean ...................................... | 110 | 103 | 7 | 110 | 101 | 9 | 106 | +106 | -4 |  | Reclassification and statistical |
| Air. | rer ${ }_{2}^{62}$ | 2,112 |  | 2.115 | 2,112 62 |  | 2,112 | - ${ }^{62}$ | -3 | $\cdots$ | Statistical |
| Other............................................ | 2,100 | 2, 235 | -135 | -100 | ,107 | -7 | 2,100 | +100 |  | -135 | Rectassification and statistical |
| Port services ............................... | 394 | 714 | -320 | 500 | 559 | -59 | 530 | 530 | 136 | -184 |  |
| Vessel operators...................... | 51 | 170 | -119 | 55 | 85 | -30 | 70 | 70 | 19 | -100 | Definititional and statistical |
| Airline operators Other | 248 95 | 446 98 | -198 -3 | 248 197 | 248 226 | -29 | 248 212 | 248 212 | 117 | -198 114 | Reclassification and statistical Reclassification and statistical |
| Other..... | 97 |  | 97 | 6 | 2 | 4 | 6 | 6 | -91 | 6 | Definitional, reclassification, and |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |
| Travel....................................... | 6,476 | 6,367 | 109 | 6,476 | 6,381 | 95 | 6,435 | 6,435 | -41 | 68 |  |
| Business and personal $\qquad$ <br> Education <br> Medical. $\qquad$ | $\begin{array}{r} 6,332 \\ 96 \\ 47 \end{array}$ |  | -35 <br> 96 <br> 47 | 6,332 96 47 | 6,367 14 | -35 <br> 82 <br> 47 | $\begin{array}{r} 6,332 \\ 65 \\ 47 \\ 47 \end{array}$ | $\begin{array}{r} 6,332 \\ 55 \\ 47 \end{array}$ | -41 | $\begin{array}{r} -35 \\ 55 \\ 47 \end{array}$ | Statistical Reclassification and statistical Statistical |
| Passenger lares ........................... | 827 | 827 |  | 827 | 827 |  | 827 | 827 |  |  |  |
| Other transportation... | 3,165 | 3,578 | -413 | 3,183 | 3,269 | -86 | 3,224 | 3,224 | 59 | -354 |  |
| Freight... | 2,622 | 2,763 | -141 | 2,622 | 2,623 | -1 | 2.620 | 2,620 | -2 | -143 |  |
| Ocean..................................... | 128 | 132 | -4 | 128 | 124 | , | 126 | 126 | -2 | -6 | Reclassification and statistical |
| Air ....................................... |  |  |  | 57 |  |  | 57 |  |  |  |  |
| Land | 2,335 102 | 2,335 239 | $-137$ | 2,335 102 | $\begin{array}{r}2,335 \\ \hline 107\end{array}$ | -5 | 2,335 102 | $\begin{array}{r} 2,335 \\ 102 \end{array}$ | …......... | -137 | Reclassification and statistical |
| Port services. |  |  |  |  |  |  |  |  |  | -220 |  |
| Vessel operators ....................... | 50 | 205 | -155 | 50 | 103 | -53 | 75 | 75 | 25 | -130 | Definitional and statistical |
| Airline operators......................- | 290 99 | 505 105 | -215 -6 | 298 204 | 298 237 | -33 | 298 | 298 222 | 1238 | -207 | Reclassification and statistical Reclassification and statistical |
| Other ...................................... | 99 | 105 |  | 204 | 237 | -33 | 222 | 222 | 123 | 117 | Reclassification and statistical |
| Other ...................................... | 104 | .............. | 104 | 8 | 8 | $\ldots$ | 8 | 8 | -96 | 8 | 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 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { U.S. } \\ \text { receipts } \end{gathered}$ | Canadian payments | Difference | $\begin{gathered} \text { U.S. } \\ \text { receipts } \end{gathered}$ | Canadian payments | Remaining difference | U.S. receipts | Canadian payments | United States | Canada | Type of adjustment |
| 1999 |  |  |  |  |  |  |  |  |  |  |  |
| Total. | 10,723 | 12,156 | -1,433 | 9,959 | 11,696 | -1,737 | 11,163 | 11,163 | 440 | -993 |  |
| Affiliated......................................... | 5,262 | 7,351 | -2,089 | 5,030 | 7,198 | -2,168 | 5,289 | 5,289 | 27 | -2,062 | Definitional, reclassification, and statistical |
| Royalties and license fees ................ | 1,300 | 1.697 | -397 | 1,298 | 1,641 | -343 | 1,427 | 1.427 | 127 | -270 | Definitional and statistical |
| Other services ................................... | 3,962 | 5,654 | -1,692 | 3,732 | 5,557 | -1,825 | 3,862 | 3,862 | -100. | -1,792 | Definitional, reclassitication, and statistical |
| Unaffiliated. | 5,352 | 4,806 | 546 | 4,818 | 4,498 | 320 | 5,766 | 5,766 | 414 | 960 |  |
| Royalties, license fees, and selected services | 1,255 | 1,022 | 233 | 1,242 | 1,016 | 226 | 1.243 | 1,243 | -12 | 221 | Reclassification and statistical |
| Insurance.............................................. | 1207 | 190 | 17 | , 328 | 190 | 138 | , 332 | 1,332 | 125 | 142 | Definitional and statistical |
| Financial services | 1,030 | 659 | 371 | 1,030 | 710 | 320 | 1,074 | 1,074 | 44 | 415 | Statistical |
| Education and training. | 488 | 21 | 467 | 14 | 21 | -7 | 21 | 21 | -467 |  | Reclassification and statistical |
| Communications ........................... | 243 | 514 | -271 | 243 | 189 | 54 | 243 | 243 | ............. | -271 | Reclassification and statistical |
| Computer services ......................... | 536 | 278 | 258 | 536 | 278 | 258 | 536 | 536 |  | 258 | Statistical |
| Business services. | 1,142 | 721 | 421 | 803 | 990 | -187 | 1,307 | 1,307 | 165 | 586 | Reclassification and statistical |
| Sports and entertainment................. | 270 | 1,004 | -734 | 441 | 909 | -468 | 806 | 806 | 536 | -198 | Reclassification and statistical |
| Other private .................................. |  | 202 | -202 |  |  |  |  | ............. | ............. | -202 | Definitional and reclassification |
| Govermment: <br> United States (nonmilitary) <br> Canada $\qquad$ | 91 90 | 82 | - 9 | 91 90 | 82 113 | - ${ }^{9} 3$ | $\begin{array}{r} 91 \\ 113 \end{array}$ | $\begin{array}{r} 91 \\ 113 \end{array}$ | 23 | 9 | Statistical Statistical |
| U.S. military sales ........... | 109 |  | 109 | 109 | ....... | 109 | 109 | 109 |  | 109 | Statistical |
| Total. | 11,951 | 12,923 | -972 | 11,161 | 12,536 | 1,375 | 12,248 | 12,248 | 297 | -675 |  |
| Affiliated......................................... | 5,643 | 7,695 | -2,052 | 5,339 | 7,636 | -2,297 | 5,547 | 5,547 | -96 | -2,148 | Definitional, reclassification, and statistical |
| Royalties and license fees ................ | 1,543 | 1,869 | -326 | 1,543 | 1,810 | -267 | 1,634 | 1,634 | 91 | -235 | Definitional and statistical |
| Other services ............................... | 4,100 | 5,826 | -1,726 | 3,796 | 5,826 | -2,030 | 3,913 | 3,913 | -187 | -1,913 | Definitional, reclassification, and statistical |
| Unaffiliated... | 6,165 | 5,228 | 937 | 5,678 | 4,900 | 778 | 6,558 | 6,558 | 393 | 1,330 |  |
| Royalties, ticense fees, and selected |  |  |  |  |  |  |  |  |  |  |  |
| services................................... | 1,503 | 1,092 | 411 | $1,490$ | 1,086 | 404 | 1,490 | 1,490 | -13 | 398 | Reclassification and statistical |
| Insurance ................................... | 338 1.101 | 224 | 114 | 466 | 224 | 242 175 | + 430 | 430 | 92 50 | 206 | Definitional and statistical |
| Financial services......................... | 1,101 | 873 | 228 498 | 1,101 15 | 926 | 175 -7 | 1,151 | 1,151 22 | 50 -498 | 278 | Statistical Reclassification and statistical |
| Education and training ....................... | 520 <br> 352 | 543 | 498 -191 | $\begin{array}{r}15 \\ 352 \\ \hline\end{array}$ | 22 187 | -7 165 | 22 352 5 | 222 | -498 | -191 | Reclassification and statistical Reclassification and statistical |
| Computer services ................................ | 538 | 286 | 252 | 538 | 286 | 252 | 538 | 538 | ............. | 252 | Statistical |
| Business services.......................... | 1,226 | 754 | 472 | 899 | 1,052 | -153 | 1,452 | 1,452 | 226 | 698 | Reclassification and statistical |
| Sports and entertainment................... | 425 | 1,040 | -615 | 655 | 946 | -291 | 940 | 940 | 515 | -100 | Reclassification and statistical |
| Other ........................................... |  | 223 | -223 |  |  |  |  |  |  | -223 | Definitional and reclassification |
| Government: <br> United States (nonmilitary) <br> Canada | $\begin{aligned} & 74 \\ & 88 \end{aligned}$ | 62 109 | 12 -21 | 74 <br> 88 | 62 109 | 12 -21 | $\begin{array}{r} 74 \\ 109 \end{array}$ | $\begin{array}{r} 74 \\ 109 \end{array}$ | 21 | 12 | Statistical Statistical |
| U.S. military sales ............................. | 143 |  | 143 | 143 |  | 143 | 143 | 143 |  | 143 | Statistical |

Table 6.2.-Other Services, Southbound
[Militions 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 | Remaining difference | Canadian receipts | U.S. payments | Canada | United States | Type of adjustment |
| 1999 |  |  |  |  |  |  |  |  |  |  |  |
| Total.......................................... | 9,735 | 5,698 | 4,037 | 9,336 | 5,955 | 3,381 | 8,321 | 8,321 | -1,414 | 2,623 |  |
| Affiliated ......................................... | 4,509 | 2,600 | 1,909 | 4,475 | 2,574 | 1,901 | 3,053 | 3,053 | -1,456 | 453 | Definitional, reclassification, |
| Royalties and license fees $\qquad$ Other services $\qquad$ | 415 4,094 | $\begin{array}{r}350 \\ 2,250 \\ \hline\end{array}$ | 1,844 | $\begin{array}{r}412 \\ 4,063 \\ \hline\end{array}$ | 350 2.224 | 62 1,839 |  |  | (1) | $\left(\begin{array}{l}\text { (1) } \\ \text { (1) }\end{array}\right.$ |  |
| Unaffiliated.. | 5,228 | 3,026 | 2,202 | 4,809 | 3,330 | 1,479 | 5,216 | 5,216 | -12 | 2,190 |  |
| Royalties, license fees, and selected services $\qquad$ | 1,596 | 623 | 973 | 1,583 | 615 | 968 | 1,714 | 1,714 | 118 | 1,091 | Statistical |
| Insurance............................................. | 180 | 292 | -112 | 180 | 386 | -206 | 220 | 220 | 40 | -72 | Definitional and statistical |
| Financial services......................... | 323 | 193 | 130 | 324 | 193 | 131 | 293 | 293 | -30 | 100 | Statistical |
| Education and training .................... | 16 | 20 | -4 | 16 | 7 | 9 | 16 | 16 |  | -4 | Reclassification and statistical |
| Communications ............................ | 432 | 223 | 209 | 139 | 223 | -84 | 223 | 223 | -209 |  | Reclassification and statistical |
| Computer services ........................ | 530 | 506 | 24 | $\begin{array}{r}530 \\ 1.049 \\ \hline\end{array}$ | 706 | 24 268 | 530 | 530 |  | 376 | Statistical |
| Business services......................... | 905 | 806 | 99 635 | $\begin{array}{r}1,049 \\ \hline 721\end{array}$ | 781 384 | 268 337 | 1,182 | 1,182 | 277 | 376 643 | Reclassitication and statistical |
| Sports and entertainment........................................... | 763 | 128 | 635 216 | 721 | 384 | 337 | 771 | 771 | -216 | 643 | Reclassification and statistical <br> Definitional and reclassification |
| Government: |  |  |  |  |  |  |  |  |  |  |  |
| Canada | 32 | ...... | 32 | 32 | ….......... | 32 | 32 | 32 |  | 32 | Statistical |
| agencies) | 235 | 235 |  | 235 | 235 | ........ | 235 | 235 |  |  |  |
| U.S. defense agencies ... |  | 72 | -72 | 52 | 52 |  | 52 | 52 | 52 | -20 | Definitional and reclassification |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |
| Total.......................................... | 9,603 | 5,818 | 3,785 | 9,277 | 6,086 | 3,191 | 8,391 | 8,391 | -1,211 | 2,573 |  |
| Affiliated................................. | 4,359 | 2,907 | 1,452 | 4,356 | 2,877 | 1,479 | 3,153 | 3,153 | -1,206 | 246 | Definitional, reclassification, and statistical |
| Royaties and license fees $\qquad$ 0tter services | 383 3.976 | 742 2,165 | -359 1,811 | 380 3,976 | 741 2.136 | -361 1,840 | (1) | (1) | (1) | ( $\begin{aligned} & 1 \\ & 1\end{aligned}$ |  |
| Unaffiliated.. | 5,243 | 2,841 | 2,402 | 4,869 | 3,157 | 1,712 | 5,186 | 5,186 | -57 | 2,345 |  |
| Royalies, license fees, and selected services. | 1,525 | 649 | 876 | 1,512 | 634 | 878 | 1,605 | 1,605 | 80 | 956 | Statistical |
| Insurance ..................................................... | . 163 | 216 | -53 | 263 | 312 | -49 | 256 | '256 | 93 | 40 | Definitional and statistical |
| Financial services................................ | 410 | 227 | 183 | 411 | 227 | 184 | 380 | 380 | -30 | 153 | Statistical |
| Education and training .................... | 40 | 24 | 16 | 16 | 10 | ${ }^{6}$ | 16 | 16 | -24 | -8 | Reclassification and statistical |
| Communications .......................... | 395 | 222 | 173 | 73 | 222 | -149 | 222 | 222 | -173 |  | Reclassification and statistical |
| Computer services ........................ | 535 | 547 | -12 | 535 | 547 | -12 | 535 | 535 |  | -12 | Statistical |
| Business services......................... | 929 | 678 | 251 | 1,093 | 789 | 304 | 1,266 | 1,266 | 337 | 588 | Reclassification and statistical |
| Sports and entertainment................ | 769 | 72 | 697 | 724 | 210 | 514 | 664 | 664 | -105 | 592 | Reclassification and statistical |
| Other $\qquad$ Government: | 235 | ............ | 235 | ............. | ............. | ............ | ........... | ............. | -235 | ............. | Definitional and reciassification |
| Canada .................................. | 36 |  | 36 | 36 |  | 36 | 36 | 36 | .......... | 36 | Statistical |
| United States (non-defense agencies) | 206 | 206 |  | 206 | 206 |  | 206 | 206 |  |  |  |
| U.S. defense agencies ........................ | ............. | 70 | -70 | 52 | 52 |  | 52 | 52 | 52 | -18 | Definitional and reclassification |

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

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

|  | Published estimates |  |  | Common-basis estimates, after definitional and methodological adjustments |  |  | Reconciled estimates, inciuding statistical adjustments |  | Total adjustments to published estimates |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | U.S. receipts | Canadian payments | Difference | U.S. receipts | Canadian payments | Remaining difference | U.S. receipts | Canadian payments | United States | Canada | Type of adjustment |
| 1999 |  |  |  |  |  |  |  |  |  |  |  |
| Investment incerne........................... | 23,839 | 27,881 | -4,842 | 22,681 | 22,554 | 127 | 24,702 | 24,702 | 1,663 | -3,179 |  |
| Direct investment income... | 11,985 | 10,609 | 1,377 | 11,986 | 10,045 | 1,941 | 12,146 | 12,146 | 160 | 1,537 |  |
| Earnings of incorporated affiliates | 11,174 | 9,558 | 1,616 | 11,174 | 9,042 | 2,132 | 11,144 | 11,144 | -30 | 1,586 |  |
| Dividends ..............................- | 4,720 | 5,184 | -464 | 4,720 | 4,660 | 60 | 4,690 | 4,690 | -30 | -494 | Definitional, reclassification, and statistical |
| Reinvested eamings............... | 6,454 | 4,374 | 2,080 | 6,454 | 4,382 | 2,072 | 6,454 | 6,454 | ............ | 2,080 | Definitional and statistical |
| Earnings of unincorporated affiliates $\qquad$ | 400 | 369 | 31 | 400 | 521 | -121 | 555 | 555 | 155 | 186 | Definitional and statistical |
| Interest................................... | 412 | 682 | -270 | 412 | 482 | -70 | 447 | 447 | 35 | -235 | Definitional, gross to net, and statistical |
| Other investment iscome ...............- | 11,453 | 17,272 | -6,219 | 10,696 | 12,509 | -1,814 | 12,556 | 12,556 | 1,503 | -4,716 |  |
| Securities ...............................- | 7,121 | 11,055 | $-3,934$ -210 | 8,054 | 9,941 | -1,887 | 9,896 | 9,896 | 2.775 | -1,159 |  |
| Dividends ..............................- | 896 | 1,106 | -210 | 896 | 987 | -91 | 942 | 942 | 46 | -164 | Definitional, reclassification, and statistical |
| Interest on bonds ...................- | 6,225 | 9,949 | -3,724 | 7,158 | 8,954 | -1,796 | 8,954 | 8,954 | 2,729 | -995 | Definitional and statistical |
| U.S. claims/Canadian liabilities..... | 3.932 | 6,218 | $-2,286$ | 2,641 | 2.568 | 73 | 2,660 | 2,660 | -1,272 | -3,558 |  |
| U.S. bank claims | 3,258 | 3,599 | -341 | 1,055 | 798 | 257 | 926 | 926 | -2,332 | -2,673 | Net to gross, gross to net, and |
| Other private U.S. ctaims.......... | 674 | 2,619 | -1,945 | 1,586 | $\dagger, 770$ | -184 | 1,734 | 1,734 | 1,060 | -885 | Net to gross and statistical |
| Investmeat imcome.-.-----.................... | 27,147 | 30,586 | -3,439 | 26,359 | 22,600 | 3,759 | 26,432 | 26,432 | -715 | -4,154 |  |
| Direct investmeat inconte............. | 14,518 | 12,417 | 2,101 | 14,518 | 9,882 | 4,636 | 13,396 | 13,396 | -1,122 | 979 |  |
| Eamings of incorporated affiliates | 13,762 | 11,392 | 2,370 | 13,762 | 9,000 | 4,762 | 12,507 | 12,507 | -1,255 | 1,115 |  |
| Dividends ...-.-.-..................... | 2,971 | 5,178 | -2,207 | 2,971 | 2,713 | 258 | 2.842 | 2.842 | -129 | -2,336 | Definitional, reclassification, and statistical |
| Reirvested earmings............... | 10,791 | 6,214 | 4,577 | 10,791 | 6,287 | 4,504 | 9,665 | 9,665 | -1,126 | 3,451 | Definitional and statistical |
| Eamings of unincorporated affiliates. | 327 | 354 | -27 | 327 | 478 | -151 | 480 | 480 | 153 | 126 | Definitional and statistical |
| Interest.......-.-----------.-......-........ | 429 | 671 | -242 | 429 | 405 | 24 | 410 | 410 | -19 | -261 | Definitional, gross to net, and statistical |
| Other investment income............... | 12,629 | 18,169 | -5,540 | 11,841 | 12,718 | -877 | 13,036 | 13,036 | 407 | -5,133 |  |
| Securities ............................... | 7,733 | 10,971 | -3,238 | 8,667 | 9,868 | -1,201 | 10,024 | 10,024 | 2,291 | -947 |  |
| Dividends ..-------..................... | 1,512 | 995 | 517 | 1,513 | 890 | 623 | 1,046 | 1,046 | -466 | 51 | Definitional, reclassification, and statistical |
| Interest on bonds................... | 6,221 | 9,976 | $-3,755$ | 7,154 | 8,978 | -1,824 | 8.978 | 8,978 | 2,757 | -998 | Definitional and statistical |
| U.S. claims/Canadian liahilities....- | 4,896 | 7,200 | -2,304 | 3,174 | 2,850 | 324 | 3,012 | 3,012 | -1,884 | -4,188 |  |
| U.S. bank claims .................... | 3,953 | 4,027 | -74 | 1,221 | 793 | 428 | 1,007 | 1,007 | -2,946 | -3,020 | Net to gross, gross to net, and statistical |
| Other private U.S. claims......... | 943 | 3,173 | -2,230 | 1,953 | 2,057 | -104 | 2,005 | 2,005 | 1,062 | -1,168 | Net to gross and statistical |

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

|  | Published estimates |  |  | Common-basis estimates, atter 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 | Remaining difference | Canadian receipts | U.S. payments | Canada | United States | Type of adjustment |
| 1999 |  |  |  |  |  |  |  |  |  |  |  |
| Investment income | 11,157 | 7,984 | 3,173 | 7,423 | 6,592 | 831 | 6,220 | 6,220 | -4,937 | -1,764 |  |
| Direct investment income ..... | 4,712 | 1,999 | 2,713 | 3,927 | 1,999 | 1,928 | 1,989 | 1,989 | -2,723 | -10 |  |
| Earnings of incorporated affiliates | 3.414 | 1,799 | 1,615 | 2,957 | 1,799 | 1,158 | 1,523 | 1,523 | -1,891 | -276 |  |
| Dividends ............................ | 1,148 | 1,459 | -311 | 825 | 1,459 | -634 | t.183 | 1,183 | , 35 | -276 | Definitional and statistical |
| Reinvested earnings ............... | 2,266 | 340 | 1,926 | 2,132 | 340 | 1,792 | 340 | 340 | -1,926 | ............. | Definitional and statistical |
| Earnings of unincorporated affiliates. | 1,192 | -108 | 1,300 | 990 | -108 | 1,098 | 158 | 158 | -1,034 | 266 | Definitional and statistical |
| Interest.................................... | 107 | 308 | -201 | -20 | 308 | -328 | 308 | 308 | 201 | ${ }^{2}$. | Definitional, gross to net and statistical |
| Other investment income.............. | 6,445 | 5,985 | 460 | 3,496 | 4,593 | -1,097 | 4,231 | 4,231 | -2,214 | -1,754 |  |
| Securities ............................... | 1,702 | 2,810 | -1,108 | 1,636 | 2,810 | -1,174 | 2.330 | 2,330 | 628 | -480 |  |
|  | 1.165 537 | 1,434 1,376 | -269 -839 | 1,099 | 1,434 1,376 | -335 -839 | 1,434 896 | 1,434 896 | 269 359 | -480 | Definitional and statistical Definitional and statistical |
| Interest on bonds .................. | 537 | 1,376 | -839 | 537 | 1,376 | -839 | 896 | 896 | 359 | -480 | Definitional and statistical |
| Canadian claims/U.S. liabilities..... | 3,823 | 2,031 | 1,792 | 899 | 739 | 160 | 899 | 899 | -2,924 | -1,132 |  |
| Canadian bank claims............. | 3,387 | 1,599 | 1,788 | 471 | 675 | -204 | 591 | 591 | -2,796 | -1,008 | Net to gross, gross to net, and statistical |
| Other private Canadian claims | 436 | 432 | 4 | 428 | 64 | 364 | 308 | 308 | -128 | -124 | Net to gross and statistical |
| U.S. Government liabilities .......... | 920 | 1,144 | -224 | 960 | 1,044 | -84 | 1,002 | 1,002 | 82 | -142 | Definitional and statistical |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |
| Investment income......................... | 13,607 | 9,088 | 4,519 | 9,261 | 7,066 | 2,195 | 7,100 | 7,100 | -6,507 | -1,988 |  |
| Direct investment income ............. | 5,710 | 911 | 4,799 | 4,791 | 911 | 3,880 | 1,563 | 1,563 | -4,147 | 652 |  |
| Earnings of incorporated affiliates | 4,340 | - 347 | 3,993 | 3,959 | 347 | 3,612 | 975 | 975 | -3,365 | 628 |  |
| Dividends ........................... | 1,700 | 1,302 | 398 3 | 1,357 | 1,302 | 55 | 1,330 | 1,330 | -370 | 28 | Definitional and statistical |
| Reinvested earnings ............... | 2,640 | -955 | 3,595 | 2,602 | -955 | 3,557 | -355 | -355 | -2,995 | 600 | Definitional and statistical |
| Earnings of unincorporated affiliates. | 1,268 | 285 | 983 | 923 | 285 | 638 | 309 | 309 | -959 | 24 | Definitional and statistical |
| Interest.................................... | 102 | 279 | -177 | -90 | 279 | -369 | 279 | 279 | 177 | ........... | Definitional, gross to net, and statistical |
| Other investment income ............... | 7,897 | 8,177 | -280 | 4,470 | 6,155 | -1,685 | 5,537 | 5,537 | -2,360 | -2,640 |  |
| Securities ................................ | 1,930 | 3,244 | -1,314 | 1,852 | 3,245 | -1,393 | 2,547 | 2,547 | 617 | -697 |  |
| Dividends ............................. | 1,371 | 1,560 | -189 | 1,293 | 1,560 | -267 | 1,560 | 1,560 | 189 |  | Definitional and statistical |
| Interest on bonds ................... | 559 | 1,684 | -1,125 | 559 | 1,685 | -1,126 | 987 | 987 | 428 | -697 | Definitional and statistical |
| Canadian elaims/U.S. liabilities..... | 4,798 | 2,970 | 1,828 | 1,341 | 1,246 | 95 | 1,423 | 1,423 | -3,375 | -1,547 |  |
| Canadian bank claims.............. | 4,293 | 2,206 | 2,087 | 843 | 1,152 | -309 | 1,018 | 1,018 | -3,275 | -1,188 | Net to gross, gross to net, and |
| Other private Canadian claims | 505 | 764 | -259 | 498 | 94 | 404 | 405 | 405 | -100 | -359 | Net to gross and statistical |
| U.S. Government liabilities........... | 1,170 | 1,963 | -793 | 1,278 | 1,664 | -386 | 1,567 | 1,567 | 397 | -396 | Definitional and statistical |

## U.S. International Services

## Cross-Border Trade in 2000 and Sales Through Affiliates in 1999

Michael A. Mann prepared the section on cross-border trade. Maria Borga prepared the section on sales through affiliates.

TN 2000, U.S. exports of private services exceeded U.S. import of private services; U.S. exports were $\$ 278.6$ billion, while U.S. imports were $\$ 200.6$ billion (table A). U.S. exports also exceeded U.S. imports in 1999; exports were $\$ 256.0$ billion and imports were $\$ 173.0$ billion. For services sold through majority-owned foreign and U.S. affiliates of multinational companies, U.S. sales exceeded U.S. purchases in 1999-the most recent year for which data are available. Sales of services abroad through foreign affiliates of U.S. companies were $\$ 338.4$ billion, while sales of services in the United States through U.S. affiliates of foreign companies were $\$ 289.3$ billion.

Table A.-Sales of Services to Foreign and U.S. Markets Through Cross-Border Trade and Through Affiliates

|  | Through cross-border trade ${ }^{1}$ |  | Through nonbank majority-owned affiliates |  |
| :---: | :---: | :---: | :---: | :---: |
|  | U.S. exports (receipts) | U.S. imports (payments) | Sales to foreign persons by foreign affililiates of U.S. companies ${ }^{2}$ | Sales to U.S. persons by U.S. atfiliates of foreign companies |
|  | Billions of dollars |  |  |  |
| 1986.... | 77.5 | 64.7 | 60.5 | n.a. |
| 1987.... | 87.0 | 73.9 | 72.3 | 62.6 |
| 1988.... | 101.0 | 81.0 | 83.8 | 73.2 |
| 1989.... | 117.9 | 85.3 | 99.2 | 94.2 |
| 1990.... | 137.2 | 98.2 | 121.3 | 109.2 |
| 1991.... | 152.4 | 99.9 | 131.6 | 119.5 |
| 1992.... | 163.7 | 100.4 | 140.6 | 128.0 |
| 1993.... | 171.6 | 107.9 | 142.6 | 134.7 |
| $1994 . .$. | 187.4 | 119.1 | 159.1 | 145.4 |
| 1995.... | 203.8 | 128.8 | 190.1 | 149.7 |
| 1996.... | 222.6 | 137.1 | 223.2 | 168.4 |
| 1997.... | 239.0 | 151.8 | 255.3 | ${ }^{(3)} 223.1$ |
| 1998. | 243.9 | 167.4 | 286.1 | 245.5 |
| 1999.... | 256.0 | 173.0 | (4) 338.4 | 289.3 |
| 2000.... | 278.6 | 200.6 | n.a. | n.a. |
|  | Percent change from prior year |  |  |  |
| 1987... | 12.2 | 14.2 | 19.5 |  |
| 1988.... | 16.0 | 9.5 | 15.9 | 17.0 |
| $1989 . .$. | 16.8 | 5.3 | 18.4 | 28.7 |
| 1990.... | 16.4 | 15.1 | 22.2 | 15.9 |
| 1991.... | 11.1 | 1.8 | 8.5 | 9.5 |
| 1992.... | 7.4 | 0.4 | 6.8 | 7.1 |
| 1993.... | 4.8 | 7.5 | 1.5 | 5.3 |
| 1994.... | 9.2 | 10.3 | 11.6 | 8.0 |
| 1995.... | 8.8 | 8.1 | 19.4 | 2.9 |
| 1996.... | 9.3 | 6.5 | 17.4 | 12.5 |
| 1997.... | 7.4 | 10.7 | 14.4 | $\left({ }^{3}\right)$ |
| $1998 . .$. | 2.1 | 10.3 | 12.0 | 10.1 |
| 1999.... | 5.0 | 3.3 | ${ }^{4}$ ) | 17.8 |
| $2000 . .$. | 8.8 | 16.0 | n.a. | п.а. |

n.a. Not available.

1. The estimates tor 1997-99 are revised from those published in last year's article in this series. See Christopher L. Bach, "U.S. International Transactions, Revised Estimates for 1989-2000," Surver of Current Business 81 (July 2001): 30-36.
2. The figures shown in this column for 1986-88 have been adjusted, for the purposes of this article, to be consistent with those for 1989 forward, which reflect definitional and methodological improvements made in the 1989 Benchmark Survey of U.S. Direct Investment
Abroad. The primary improvement was that investment income of affiliates in finance and insurance was excluded from sales of services. The adjustment was made by assuming that investment income of finance and insurance affiliates in 1986-88 accounted for the same share of sales of services plus investment income as in 1989.
. Sefinition and Clasification of Sales of Services by 4 in 1997. See the box "Changes in Surver, page 61 .
3. Sales of services through foreign affiliates were redefined in 1999. See the section "Sales Through Affiliates in 1999.
U.S. exports of private services grew 9 percent in 2000 after increasing 5 percent in 1999. U.S. imports grew 16 percent, after increasing 3 percent. Reflecting the faster growth in imports than in exports, the U.S. surplus on trade in private services decreased to $\$ 78.0$ billion in 2000 from $\$ 81.2$ billion in 1999. This decrease coincided with a sizable increase in the U.S. deficit on trade in goods, to $\$ 452.2$ billion from $\$ 345.4$ billion.

Much of the pickup in exports of services was attributable to step-ups in the economic growth of several major U.S. trading partners, including Mexico, Japan, China, and the United Kingdom. The faster growth represented a return to the growth rates of the mid-1990s before poor economic conditions in several Asian countries led to a slowdown in U.S. services exports. The pickup in imports was attributable to several factors, including a pickup in travel that was, in turn, partly attributable to the appreciation of the U.S. dollar against the currencies of several countries that are popular destinations for U.S. travelers; a recovery in insurance services from an unusually low level in 1999; and the relatively strong growth of the U.S. economy (real GDP grew 4.1 percent in 2000).

In 1999, sales of services by both foreign affiliates and U.S. affiliates grew 18 percent. However, for foreign affiliates, roughly half of the growth reflected changes in definitions and coverage associated with the 1999 benchmark survey of U.S. direct investment abroad (for details, see the section "Sales Through Affiliates in 1999"). ${ }^{1}$ The growth in sales of services by both foreign and U.S. affiliates was partly due to the global boom in mergers and acquisitions, which added a substantial number of affiliates to the direct investment universe. Acquisition activity was strong in industries with significant sales of services, such as telecommunications and insurance. Rapid technological change and deregulation, coupled with favorable economic conditions in much of the world

[^23]in 1999, created incentives and opportunities for multinational companies to expand abroad.

This article presents detailed estimates of U.S. cross-border exports and imports of private services and of U.S. sales of services through, and purchases of services from, nonbank majorityowned affiliates of multinational companies. Cross-border exports and imports are transactions between U.S. residents and foreign residents; they represent international trade in the conventional sense and are recorded, in summary form, in the U.S. international transactions accounts. ${ }^{2}$ Sales of services through nonbank majority-owned affiliates of multinational companies represent services sold in international markets through the channel of direct investment (see the box "Channels of Delivery of Services Sold in International Markets"). ${ }^{3}$ The estimates are drawn from larger data sets on
2. In the quarterly articles on the U.S. international transactions, table 1 presents cross-border exports of private services in lines 6-10 and cross-border imports in lines 23-27; table 3 provides additional detail.
affiliate operations that are presented in annual articles on the operations of U.S. multinational companies and of U.S. affiliates of foreign companies. ${ }^{4}$

In 1999, services delivered through nonbank majority-owned affiliates again exceeded those delivered through cross-border trade (chart 1). Because of differences in measurement and coverage, comparisons between these two channels of delivery cannot be regarded as precise, but the substantial differences in 1999 can be taken as clear indications that delivery through affiliates was the more important channel, for both U.S. sales and

[^24]
## Channels of Delivery of Services Sold in International Markets Cross-Border Trade and Sales Through Affiliates

Services are sold in international markets through two distinct channels. In the first channel, residents of one country sell services to residents of another country. These transac-tions-cross-border trade-include both trade within multinational companies (intrafirm trade) and trade between unaffiliated parties. ${ }^{1}$ They are recorded in the international transactions accounts of both countries-as exports of services by the seller's country and as imports by the buyer's country.
The second channel of delivery is sales through foreign affiliates of multinational companies, which from the U.S. viewpoint, are sales to foreigners by foreign affiliates of U.S. companies or U.S. purchases from other countries' U.S. affiliates. These sales are not considered U.S. international transactions, because under the residency principle of balance-of-payments accounting, affiliates of multinational companies are regarded as residents of the countries where they are located rather than of the countries of their owners. Thus, sales abroad by foreign affiliates are transactions between foreign residents, and sales in the United States by U.S. affiliates are transactions between U.S. residents. (However, the direct investors' shares of the profits earned on these sales are recorded as U.S. interna-

[^25]tional transactions.)
The two channels of delivery typically differ in their effects on an economy. For example, U.S. cross-border exports usually have a greater effect on the U.S. economy than the equivalent sales through foreign affiliates, because most or all of the income generated by the production of the services generally accrues to U.S.-supplied labor and capital. In contrast, for sales through foreign affiliates, only the U.S. parent company's share in profits may accrue to the United States (and be recorded as a U.S. international transaction); the other income generated by produc-tion-including compensation of employees-typically accrues to foreigners.
Some services can be delivered equally well through either channel, but the channel of delivery is often largely predetermined by the nature of the service. For example, travel services are inherently delivered through the cross-border channel; in contrast, many business, professional, and technical services are mainly delivered through the affiliate channel because of the need for close, continuing contact between the service providers and their customers.
To obtain a complete picture of the services transactions of affiliates, it would be necessary to examine not only their sales of services, as in this article, but also their purchases of services, both in their countries of location and elsewhere. However, the only data on their purchases of services that are available are those for transactions between parents and affiliates, which are discussed in the section on cross-border trade.
U.S. purchases of private services. ${ }^{5}$

The use of each channel of delivery for 1999 is shown for major geographic areas in chart 2 and for selected countries in chart 3. For specific types of services, however, the relative importance of the two channels is difficult to gauge because of the

[^26]
## CHART 1

U.S. International Sales and Purchases of Private Services, 1987-2000 ${ }^{1}$
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MOUSA Majonty -Whned U.S. atrixide

1. The data for seles and purchases of mejorihy-owned affiliatess are shown through


[^27]differences in measurement and coverage and because of differences in the basis of classification. Available data on cross-border trade are generally classified by type of service, whereas the data on sales of services through affiliates are classified by primary industry of the affiliate.

The remainder of this article is presented in two parts. The first part discusses cross-border trade, and it presents preliminary estimates for 2000 and revised estimates for 1997-99. The second part discusses sales through majority-owned affiliates;

## CHART 2

U.S. Sales and Purchases of Services by Major Area in 1999


it presents revised estimates for 1998, early tabulations from the 1999 benchmark survey for foreign affiliates, and preliminary estimates for 1999 for U.S. affiliates.

## U.S. Cross-Border Trade in 2000

In 2000, U.S. exports of private services (receipts) increased 9 percent, to $\$ 278.6$ billion, following a 5 -percent increase in 1999. U.S. imports of private services (payments) increased 16 percent, to $\$ 200.6$ billion, following a 3 -percent increase in 1999.

|  | Percent change from prior year |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Exports |  | Imports |  |
|  | 1999 | 2000 | 1999 | 2000 |
| Private services ........................... | 5 | , | 3 | 16 |
| Travel................................ | 5 | 10 | 4 | 10 |
| Passenger fares .................... | -2 | 5 | 7 | 14 |
| Other transportation ............. | 5 | 12 | 12 | 20 |
| Royalties and license fees ......... | 2 | 4 | 12 | 28 |
| Other private services .............. | 8 | 10 | -6 | 19 |

The pickup in exports of private services was primarily attributable to accelerating economic growth in several major U.S. trading partners, including Mexico, Japan, China, and the United Kingdom. Growth in other key U.S. export markets, including Korea and Canada, continued to be strong. These six countries accounted for more than half of the increase in U.S. services exports in 2000. Economic growth in most euro-area countries also accelerated in 2000, but exports to the euro area were dampened by the weak value of the euro against the U.S. dollar.

The surge in services exports in 2000 represented a return to the strong rates of export growth of the early to mid-1990s. Services exports slowed toward the end of the decade, principally because of poor economic conditions in several Asian countries. These conditions-which reflected sharp reductions in real income, asset values, and access to capital markets-adversely affected many of the services accounts.

The increase in services exports was concentrated in the first half of 2000 . Growth leveled off in the second half, reflecting slowing economic growth in foreign economies. The slowdown in services exports was widespread and included travel, passenger fares, other transportation, royalties and license fees, and financial services.

The 2000 increase in services imports, the fastest in more than 20 years, was attributable to macroeconomic factors and to specific services. ${ }^{6}$ Overall U.S. demand for imports was boosted by the strong growth of the U.S. economy. Apprecia-
tion of the U.S. dollar against the currencies of many of our major trading partners led to increased payments for services, particularly travel and passenger fares, that respond quickly to movements in exchange rates. Payments were also boosted by a recovery in insurance services from an unusually low level in 1999 and by a sharp increase in unaffiliated payments of royalties and license fees that reflected a one-time payment to the International Olympic Committee for the rights to broadcast the Summer Olympic Games. Excluding
6. The increase in services imports from 1983 to 1984 was greater than the increase from 1999 to 2000. However, the 1983-84 increase was largely attributable to BEA's introduction of an improved method for measuring travel services, which caused a break in the series.

U.S. Cross-Border Services Transactions: Share by Area in 2000

U.S. Department of Commerce ${ }_{5}$ Eureau of Economic Analysis
insurance and the Olympics payment, imports increased 12 percent in 2000 , following a 7 -percent increase in 1999.

Europe and Asia and Pacific together accounted for nearly two-thirds of total U.S. cross-border exports and for more than two-thirds of total U.S. cross-border imports of private services in 2000 (chart 4). Seven countries-the United Kingdom, Japan, Canada, Germany, Mexico, France, and the Netherlands-accounted for nearly half of both total U.S. exports and total U.S. imports of services (table B).

Additional information about the five broad categories of cross-border trade in private services in the U.S. international transactions ac-counts-travel, passenger fares, other transportation, royalties and license fees, and other private services-follows (for detailed estimates, see the tables at the end of the article). ${ }^{7}$

## Travel

Travel receipts increased 10 percent in 2000, to $\$ 82.0$ billion, following a 5 -percent increase in 1999. The pickup was primarily attributable to improving economic conditions abroad during the first half of 2000 . Receipts leveled off during the

[^28]second half of 2000, reflecting slowing economic growth in foreign economies. Receipts from several countries, including those in the euro area,

Table B.-Cross-Border Service Exports and Imports by Type and Couniry, 2000
[Millions of dollars]

|  | Total services | Travel | Passenger fares | Other trans-portation | Royalties and license fees | Other private services |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Exports |  |  |  |  |  |
| All countries .......... | 278,570 | 82,042 | 20,745 | 30,185 | 38,030 | 107,568 |
| 10 major countries ${ }^{1}$.......... | 153,197 | 45,769 | 12,930 | 14,426 | 22,994 | 57,078 |
| Japan. | 34,241 | 10,238 | 3,773 | 3,508 | 6,992 | 9,730 |
| United Kingdom ............ | 30,093 | 9,957 | 2,751 | 1,914 | 3,272 | 12,199 |
| Canada ........................ | 23,206 | 7,055 | 1,713 | 2,703 | 2,102 | 9,633 |
| Germany ...................... | 15,993 | 4,035 | 1,090 | 1,906 | 2,951 | 6,011 |
| Mexico........................ | 14,013 | 4,937 | 1,027 | 701 | 949 | 6,399 |
| France......................... | 10,300 | 2,637 | 1,016 | 637 | 1,997 | 4,013 |
| Korea, Republic of ......... | 6,940 | 2,216 | 64 | 1,548 | 1,282 | 1,830 |
| Netherlands .................. | 6,855 | 1,288 | 404 | 764 | 1,433 | 2,966 |
| Brazil .......................... | 5,960 | 2,230 | 919 | 479 | 670 | 1,662 |
| Switzerland................... | 5,596 | 1,176 | 173 | 266 | 1,346 | 2,635 |
| Other countries................ | 125,373 | 36,273 | 7,815 | 15,759 | 15,036 | 50,490 |
|  | Imports |  |  |  |  |  |
| All countries | 200,585 | 64,537 | 24,197 | 41,058 | 16,106 | 54,687 |
| 10 major countries ${ }^{1}$......... | 116,512 | 33,627 | 13,117 | 18,439 | 12,660 | 38,670 |
| United Kingdom ............ | 26,913 | 6,368 | 4,746 | 2,647 | 1,422 | 11,730 |
| Japan........................... | 17,249 | 2,872 | 938 | 5,738 | 3,976 | 3.725 |
| Canada | 16,313 | 6,367 | 827 | 3,578 | 986 | 4,555 |
| Germany. | 11,402 | 2,678 | 1,924 | 2,198 | 1,650 | 2,952 |
| Mexico. | 10,986 | 6,646 | 920 | 1,371 | 66 | 1,983 |
| France. | 10,472 | 3,634 | 1,183 | 938 | 1,022 | 3,695 |
| Bermuda... | 7,408 | 430 | 0 | 0 | 839 | 6,139 |
| Switzerland. | 5,367 | 980 | 926 | 294 | 1,589 | 1,578 |
| Netherlands .................. | 5,234 | 745 | 968 | 1,012 | 1,027 | 1,482 |
| Italy ............................. | 5,168 | 2,907 | 685 | 663 | 83 | 830 |
| Other countries................ | 84,072 | 30,910 | 11,080 | 22,619 | 3,446 | 16,017 |

1. Ranked by trade in dollar amounts.

## Types of Cross-Border Services: Coverage and Definitions

The estimates of cross-border transactions cover both affiliated and unaffiliated transactions between U.S. residents and foreign residents. Affiliated transactions consist of intrafirm trade within multinational companies-specifically, the trade between U.S. parent companies and their foreign affiliates and between U.S. affiliates and their foreign parent groups. Unaffiliated transactions are with foreigners that neither own, nor are owned by, the U.S. party to the transaction.
Cross-border trade in private services is classified into the same five, broad categories that are used in the U.S. international transactions accounts-travel, passenger fares, "other transportation," royalties and license fees, and "other private services."
Travel.-The travel accounts cover purchases of goods and services by U.S. persons traveling abroad and by foreign travelers in the United States for business or personal reasons. These goods and services include food, lodging, recreation, gifts, entertainment, and other items incidental to a foreign visit. Expenditures for local transportation in the country of travel are also covered. U.S. travel transactions with both Canada and Mexico include border transactions, such as day trips for shopping and sightseeing.
A "traveler" is a person who stays less than a year in a country and is not a resident of that country. Diplomats and military and civilian government personnel are not classified as travelers regardless of their length of stay; their expenditures are included in other international transactions accounts. Students' educational expenditures and living expenses and medical patients' expenditures are included in "other private services."
Passenger fares.-The passenger fare accounts cover fares paid by residents of one country to airline and vessel operators (carriers) that reside in another country. Receipts consist of fares received by U.S. air carriers from foreign residents for travel between the United States and foreign countries and between two foreign points and for travel on U.S. cruise vessels. Payments consist of fares paid by U.S. residents to foreign air carriers for travel between the United States and foreign countries and for travel on foreign cruise vessels.
"Other transportation."-The "other transportation" accounts cover U.S. international transactions arising from the transportation of goods by ocean, air, land (truck and rail), pipeline, and inland waterway carriers to and from the United States, and between two foreign points. The accounts cover freight charges for transporting exports and imports and operating expenses that transportation companies incur in U.S. and foreign ports. Specifically, the accounts cover the freight receipts of U.S. carriers for transporting U.S. goods exports and for transporting goods between two foreign points and the freight payments to foreign carriers for transporting U.S. goods imports (freight insurance on exports and imports is covered in the "other private services" accounts).
Port services receipts consist of the value of the goods and services purchased by foreign carriers in U.S. ports. Port services payments consist of the value of goods and services purchased by U.S. carriers in foreign ports.
Royalties and license fees.-The royalties and license fees accounts cover transactions with nonresidents that involve
patented and unpatented techniques, processes, formulas, and other intangible proprietary rights used in the production of goods; transactions involving trademarks, copyrights, franchises, broadcast rights, and other intangible rights; and the rights to distribute, use, and reproduce gen-eral-use computer software.
"Other private services."-These accounts consist of other affiliated and unaffiliated services. The unaffiliated services are disaggregated into six major categories: education; financial services; insurance; telecommunications; business, professional, and technical services; and "other unaffiliated services."
Education receipts consist of expenditures for tuition and living expenses by foreign students enrolled in U.S. colleges and universities. Payments consist of tuition and living expenses of U.S. students for study abroad.
Financial services cover a variety of services that include funds management, credit card services, explicit fees and commissions on transactions in securities, fees on credit-related activities, and other miscellaneous financial services. Implicit fees paid and received on bond trading are also covered.
Insurance consists of premiums earned and paid for primary insurance and for reinsurance; losses paid by U.S. insurers and losses recovered from foreign insurers are netted against the premiums. Primary insurance consists of life insurance, accident and health insurance, and property and casualty insurance. Each type of primary insurance may be reinsured; reinsurance is the ceding of a portion of a premium to another insurer who then assumes a corresponding portion of the risk. Reinsurance is one way of providing coverage for events with so high a degree of risk or liability that a single insurer is, by itself, unwilling or unable to underwrite insurance against their occurrence.
Telecommunications consists of receipts and payments between U.S. and foreign communications companies for the transmission of messages between the United States and other countries; channel leasing; telex, telegram, and other jointly provided basic services; value-added services, such as electronic mail, video conferencing, and online access services (including Internet backbone services, router services, and broadband access services); and telecommunications support services.
Business, professional, and technical services cover a wide variety of services, such as legal services, accounting services, and advertising services (see the list in table 1).
"Other unaffiliated services" receipts consist mainly of expenditures (other than employee compensation) by foreign governments in the United States for services such as maintaining their embassies and consulates; non-compensation related expenditures by international organizations - such as the United Nations, the International Monetary Fund, and the World Bank-that are headquartered in the United States; expenditures of foreign residents employed temporarily in the United States; and receipts from unaffiliated foreigners for the display, reproduction, or distribution of U.S. motion picture and television films and tapes. Payments consist primarily of payments by U.S. film distributors to unaffiliated foreign residents for the display, reproduction, or distribution of motion picture and television films and tapes.
were dampened by the strong value of the U.S. dollar, particularly during the second half of the year when the portion of pleasure travel, which is more price sensitive than business travel, rises.

Receipts from Asia accelerated as the pace of travel returned to more normal levels after the Asian financial crisis, which created recessionary conditions in Asia that severely affected travel during the late 1990 's. The number of visitors from Asia increased 9 percent to 7.5 million, nearly reaching the record 7.8 million visitors in 1997.

Receipts from Mexico surged as the number of visitors to the border area and their average expenditures increased. The surge was spurred by strong economic growth in Mexico (real GDP in Mexico increased 6.9 percent in 2000 , following a 3.8 -percent increase in 1999) coupled with the stability of the peso against the U.S. dollar.

Receipts from Canada increased primarily because of an increase in visitors arriving by air. The number of visitors arriving by auto-largely "same day" travel-was little changed.

Travel payments increased 10 percent in 2000, to $\$ 64.5$ billion, following a 4 -percent increase in 1999. The growth in payments for overseas travel accelerated as average expenditures by U.S. travelers abroad increased 1 percent after decreasing 1 percent and as the number of U.S. travelers overseas increased 9 percent after increasing 7 percent. The step-up in U.S. travel overseas reflected the strong growth of the U.S. economy and the appreciation of the U.S. dollar against the currencies of several countries that are popular destinations. Travel to the countries in the euro area was exceptionally strong, driven by the sharp depreciation of the euro against the U.S. dollar.

The faster growth in travel payments in 2000 also reflected a turnaround in payments to Mexico that was primarily attributable to a large increase in payments for travel to the interior of the country. In 1999, payments had decreased because of decreases in expenditures by U.S. travelers in the Mexican border area and the Mexican interior.

Payments to Canada increased slightly, as a small increase in travel by air was mostly offset by a small decrease in travel by auto.

## Passenger fares

Passenger fare receipts increased 5 percent in 2000, to $\$ 20.7$ billion, following a 2 -percent decrease in 1999. A large pickup in the total number of visitors, especially from the Asian and Pacific area, more than offset a continued increase in the share
of foreigners traveling on foreign airlines rather than on U.S. airlines.

Passenger fare payments increased 14 percent, to $\$ 24.2$ billion, following a 7 -percent increase. The acceleration was almost entirely accounted for by a pickup in payments for travel to Europe, which was partly driven by the appreciation of the U.S. dollar against the euro. The number of U.S. residents traveling on foreign airlines increased 7 percent.

## Other transportation

Receipts for "other transportation" increased 12 percent in 2000 , to $\$ 30.2$ billion, following a 5 percent increase in 1999. Receipts by U.S.-operated ocean carriers stepped up as a result of increases in the volumes of goods transported that reflected the worldwide pickup in economic growth, especially in Europe and Asia. Air freight increased, reflecting an increase in revenues for transporting goods between foreign countries; these revenues were boosted by a surcharge that was imposed by air carriers to help offset the higher fuel prices. Port services receipts also increased, as an increase in the volume of goods and passengers passing through U.S. ports led to an increase in port expenditures by foreign ocean and air carriers, especially foreign-operated liner vessels. Bunker and jet fuel revenues were also higher.
U.S. firms' freight receipts for transporting goods by truck in Canada increased 8 percent to $\$ 1.4$ billion. U.S. cross-border trucking transactions with Mexico are insignificant due to restrictions that limit the ability of U.S. trucks to operate in Mexico and Mexican trucks to operate in the United States; the North American Free Trade Agreement provides for the removal of these restrictions.

Payments for "other transportation" increased 20 percent in 2000 , to $\$ 41.1$ billion, following a 12-percent increase in 1999. The pickup resulted from a strong increase in goods imports from all major geographic areas. Ocean freight payments rose as a result of the higher import volumes and higher freight rates. Liner freight rates on imports from Asia and tanker freight rates increased substantially, reflecting capacity shortages. Air freight rates also increased. Payments to Canadian carriers for transporting goods by truck in the United States increased 11 percent to $\$ 2.3$ billion.

Port services payments abroad also increased, largely reflecting an increase in airport services payments that resulted from increases in both export and import volumes of goods trade, from in-
creases in passenger traffic, and from higher prices for jet fuel.

## Royalties and license fees

Receipts from royalties and license fees increased 4 percent in 2000, to $\$ 38.0$ billion, following a $2-$ percent increase in 1999. Affiliated royalty and license fee receipts increased 3 percent, following a 2-percent decrease; the increase in 2000 was largely accounted for by U.S. affiliates in the telecommunications and chemicals industries. Unaffiliated royalty and license fee receipts continued to increase. Increases associated with the licensing of wireless technologies were particularly large. Unaffiliated receipts from the rights to use and distribute software also continued to increase, reaching nearly $\$ 4$ billion in 2000. Additional receipts from software licensing agreements stemmed from transactions through affiliated (intrafirm) channels, but the value cannot be separately identified.

Payments of royalties and license fees increased 28 percent in 2000 , to $\$ 16.1$ billion, following a 12percent increase in 1999. These payments, which have more than doubled since 1996, have been the fastest growing major category of services imports. The increase in 2000 was largely attributable to two factors. First, payments by U.S. affiliates to their foreign parents increased more than 25 percent, partly reflecting robust activity of affiliates in the motor vehicle manufacturing and the computer services industries. Second, payments to unaffiliated foreigners also increased sharply. This increase was largely due to payments to the International Olympic Committee for broadcast rights to the Summer Olympic Games; the increase also reflected payments associated with the rights to sell children's toys in the United States.

## Other private services

Receipts for "other private services" increased 10 percent in 2000 , to $\$ 107.6$ billion, following an 8 percent increase in 1999. The increase in 2000 was widespread among the services included under "other private services." Payments increased 19 percent in 2000, to $\$ 54.7$ billion, following a 6 percent decrease in 1999. The turnaround was attributable to a single category-insurance services; excluding insurance, payments increased 6 percent, following a 7 -percent increase.

Highlights follow for each of the five principal categories of unaffiliated cross-border trade in
"other private services"-education; financial services; insurance; telecommunications; and business, professional, and technical services. (For detailed estimates, see the tables at the end of the article).
"Education" receipts increased 7 percent in 2000 , to $\$ 10.3$ billion, following a 6 -percent increase in 1999. In 2000, more than 500,000 foreign students were enrolled in colleges and universities in the United States, a slight increase from 1999. More than half of the students came from Asian countries. Payments increased 17 percent in 2000, to $\$ 2.1$ billion, following a 15 -percent increase in 1999. Educational institutions in Europe remained the most popular destination for U.S. students studying abroad.

Financial services receipts increased 19 percent, to $\$ 17.0$ billion, in 2000 , following a 26 -percent increase in 1999. These receipts, which have more than doubled since 1996, have been one of the fastest growing categories of services exports. The pace in 2000 reflected vigorous foreign activity in U.S. financial markets. Most of the increase was attributable to financial management, advisory (including mergers and acquisitions advice), and custody services. Brokerage commissions also increased sharply as foreigners traded heavily in outstanding U.S. stocks and bonds. Fees from private placement and underwriting services increased as foreigners expanded their borrowing activity in the United States. Fees from credit card services also increased. Financial services payments increased 32 percent to $\$ 4.5$ billion in 2000 , following a 5 -percent decrease in 1999. Despite the sharp increase in 2000, which resulted from renewed activity in foreign financial markets, the level of payments remained well below that of receipts.

Insurance services receipts nearly doubled in 2000 , to $\$ 2.4$ billion, following a 42 -percent decrease in $1999 .{ }^{8}$ Premiums received by U.S. insurance companies from foreigners in 2000 outpaced claims paid to foreigners. The increase in premiums was largely attributable to new business, especially in Asia, where reinsurance assumed from primary insurance companies abroad increased sharply. Insurance services payments nearly tripled in 2000 , to $\$ 9.2$ billion, following a 65 -percent decrease in 1999. The sharp recovery
8. Insurance services, though listed under unaffiliated services, consist of both affiliated and unaffiliated transactions. Receipts are calculated as premiums received from foreigners for primary insurance and reinsurance less claims paid by U.S. insurers.
occurred as premiums paid increased, while losses recovered were little changed. The increase in premiums reflected both higher rates and an increase in the amount of insurance ceded to foreign reinsurance companies. Foreign companies set higher rates in order to recoup past losses and to obtain a sounder financial position. In 1999, net payments were at an unusually low level as losses recovered on reinsurance by U.S. companies increased more than 50 percent. This increase in losses recovered was attributable to a large number of weather-related events and other events in the property and casualty market.

Receipts for telecommunications services increased 3 percent in 2000, to $\$ 3.8$ billion, and payments decreased 19 percent to $\$ 5.4$ billion. Calling rates continued to decline sharply, while the volume of calls surged. The reduction in calling rates is partly attributable to the World Trade Organization Basic Telecommunications Agreement, which was negotiated in 1997. The agreement obligated signatories to reduce their settlement rates by predetermined amounts each year for 5 years beginning in 1997; in 2000, signatories reduced their rates by an average of more than 20 percent, largely as a result of the agreement. ${ }^{9}$ In addition to message transmission services, telecommunica-
9. In addition to the agreement, the U.S. Federal Communications Commission's (FCC) 1997 Benchmarks Order also played a part in the rate reductions, as did other forces, such as privatization and technological changes. See the FCC's Report on International Telecommunications Markets 2000 Update, May 4, 2001.
tions transactions arise from private leased channel services, value added services (such as videoconferencing), and support services. The United States continues to run a deficit in telecommunications services largely because more calls between the United States and foreign countries originate here than originate abroad. The tendency for calls to originate in the United States reflects several factors, including the relatively low international calling rates from the United States, the relative wealth of the United States, and the large immigrant population.

Business, professional, and technical services receipts increased 3 percent, to $\$ 28.0$ billion in 2000, following a 20 -percent increase in 1999, and payments decreased 4 percent, to $\$ 7.8$ billion, following a 10 -percent increase. The increase in receipts in 2000 was mostly accounted for by a pickup in legal services. Receipts for "computer and data processing services"-a service that covers systems analysis and design, custom programming, data processing, and other computer related serviceswere little changed at $\$ 2.5$ billion (for more information, see the box "Delivery of Computer Services to Foreign Markets"). Payments for "computer and data processing services" were also little changed, at $\$ 0.8$ billion.
"Other private services" delivered to foreign markets through affiliated channels (intrafirm receipts) increased 9 percent, to $\$ 31.6$ billion, in 2000, following a 3 -percent increase in 1999. In-

## Delivery of Computer Services to Foreign Markets

As explained in the box "Channels of Delivery of Services to International Markets," services may be delivered to international markets through two major channels-cross-border trade and sales through affiliates. For some services, the means of delivery may be further divided within the two major channels, so the total value of certain types of services may be scattered across several categories in the cross-border and sales by affiliates tables. This is particularly true of computer-related services.
Cross-border exports to unaffiliated foreigners of "computer and data processing services" and "data base and other information services" are shown in table 1 under "business, professional, and technical services." ${ }^{1}$ In addition, computer-related services can be delivered to foreign markets through cross-border software-licensing agreements (see the section "Royalties and license fees"). ${ }^{2}$ The estimates of exports through agreements with unaffiliated foreigners are shown in footnote 1 to table 4 . The estimates

[^29]of exports through agreements with affiliated foreigners (intrafirm trade) are included in affiliated royalties and license fees transactions in table 1 , but their value cannot be separately identified. Intrafirm exports of computer and information services, which comprise computer and data processing services and data base and other information services, are reported in the appendix, "Detail on Intrafirm Trade in Services." Sales of computer-related services through foreign affiliates exceeded cross-border exports of these services, reflecting the advantages of a local presence when delivering these services to foreign customers (see table 9). The available data on sales through affiliates are classified by primary industry of the affiliate, rather than by type of service; thus, computer-related services may be sold not only through foreign affiliates in the computer services industry but also by affiliates in several other industries, particularly machinery manufacturing and wholesale trade.

[^30]trafirm payments increased 12 percent, to $\$ 25.3$ billion, following a 16 -percent increase. For more information about these and other affiliated
services, see the appendix "Detail on Intrafirm Trade in Services" on page 62.

## Changes in the Definition and Classification by Industry of Sales of Services by Foreign Affiliates

The 1999 estimates of sales of services by foreign affiliates of U.S. companies are based on new industry classifications derived from the 1997 North American Industry Classification System (NAICS); the estimates for prior years are based on classifications derived from the 1987 Standard Industrial Classification (SIC) system. ${ }^{1}$ The industry disaggregation of the 1999 estimates reflects the NAICS-based classifications and a new treatment of petroleum-related activities that distributes them among the NAICS-based industry groups to which they belong rather than consolidating them in the major industry "petroleum." The use of the NAICS-based classifications, which provide greater industry detail than was previously available, required a redefinition of sales of services by foreign affiliates. Overall, the redefinition resulted in a net shift of sales from goods to services. ${ }^{2}$
The NAICS is the new industry classification system of the United States, Canada, and Mexico; in the United States, it supplants the 1987 SIC system. Among other improvements, NAICS better reflects new and emerging industries, industries involved in the production of advanced technologies, and the growth and diversification of services industries. The International Survey Industry (ISI) classifications that are based on the NAICS were first used in BEA's direct investment surveys in the 1997 Benchmark Survey of Foreign Direct Investment in the United States. The first NAICS-based data on sales of services by U.S. affiliates of foreign companies were presented in an article in the October 1999 Survey of Current Business. ${ }^{3}$
The NAICS-based classifications group industries that use similar processes to produce services. For example, the new NAICS sector "Information" groups industries that primarily create and disseminate intellectual property that may be subject to copyright. This sector combines activities that produce information with the activities that provide the means for distributing it (see table 9.2). In the 1987 SIC, these activities are classified in a number of different industries; for example, publishing is classified in manufacturing; broadcasting, in communications; software production, in computer services; and film production, in amusement services. The new NAICS sectors "Professional, Scientific and Technical Services" and "Health Care and Social Assistance" cover activities that had been included in the "Ser-

[^31]vices" division of the 1987 SIC. ${ }^{4}$
As a result of using the NAICS-based classifications, sales of services by foreign affiliates of U.S. companies in the 1999 benchmark survey were defined as outputs that are typically associated with a specified group of NAICS-based industries. Previously, they were defined as outputs typical of a specified group of SIC-based industries (see the note to table C).
The redefinition raises the measure of sales of services by foreign affiliates of U.S. companies. Most of the sales that are included under the NAICS-based definition of sales of services are also included under the SIC-based definition and vice versa, but some sales that are included in services under the NAICS-based definition are included in goods under the SIC-based definition, particularly those characteristic of restaurants and of publishers of newspapers, periodicals, books, and records. The NAICS-based definition of services also excludes some sales that the SIC-based definition includes, particularly those characteristic of land subdividers, firms that reproduce software and video, and dental laboratories. The sales that are newly included in sales of services and those that have been reclassified to sales of goods cannot be precisely measured with the data reported in the 1999 benchmark survey. However, those data-including information reported by affiliates on the distribution of these sales by industry of sales-indicate that as a result of the redefinition, sales of services account for a larger share-and sales of goods, for a smaller shareof total sales by foreign affiliates under the NAICS-based definitions.
As a result of using the NAICS-based classifications, the group of industries used to define sales of services conforms more closely to the general concepts of goods and services than the SIC-based definitions. For example, in the SIC-based classifications, restaurants and grocery stores are both included in retail trade, and their sales are treated as sales of goods. ${ }^{5}$ In the NAICS-based classifications, restaurants are included in the service industry "accommodation and food services," and their sales are treated as sales of services; grocery stores remain in retail trade, and their sales are still classified as sales of goods. The new grouping better reflects the services, such as table service and the provision of facilities for on-site consumption, that differentiate the sales of restaurants from those of grocery stores and other establishments that provide unprepared food to retail customers.
4. For additional information on the differences between the NAICS and the SIC classifications, see NAICS: United States, 1997 and Bureau of the Census, 1997 Economic Census, which can be accessed at <www.census.gov/ epcd/www/econ $97 . h t m l>$. A concordance between the NAICS-based ISI codes and the SIC-based ISI codes can be accessed at <www.bea.doc.gov/ bea/surveys.htm>.
5. Although retail trade is generally considered to be a services-producing industry, and the value added by firms in the industry is considered to represent output of services, the sales in the industry are sales of goods.

## Sales Through Affiliates in 1999

In 1999, the latest year for which data are available, worldwide sales (the combined sales to foreign and U.S. persons) of private services by U.S. multinational companies through their nonbank, major-ity-owned foreign affiliates were $\$ 357.3$ billion, up 18 percent from 1998. Worldwide sales of services by foreign multinational companies through their nonbank, majority-owned U.S. affiliates were $\$ 312.9$ billion, up 19 percent (table C). ${ }^{10}$

Roughly half of the growth in sales of services by foreign affiliates reflected changes in definitions and coverage associated with the 1999 benchmark survey of U.S. direct investment abroad (USDIA). The 1999 estimates are based on early tabulations from the benchmark survey, which was the first survey of outward direct investment in which sales by foreign affiliates were collected on the basis of definitions derived from the North American Industry Classification System (NAICS). The previous USDIA surveys were based on definitions derived from the Standard Industry Classification (SIC) system. (See the box "Changes in the Definition and Classification by Industry of Sales of Services by Foreign Affiliates.") The redefinition of sales of services using the NAICS-based classification system resulted in a net shift of sales from goods to services. The estimates of sales of services also reflected improvements that resulted from the more comprehensive coverage and broader subject matter in the benchmark survey than in BEA's annual sample surveys.

For goods and particularly for services, sales by affiliates are predominantly local transactions. In 1999, 86 percent of worldwide sales of services by foreign affiliates of U.S. companies were local sales, that is, transactions with parties located in the same country as the affiliate; the corresponding share for goods was 63 percent. Services' larger share reflects the importance of proximity to the customer in the delivery of services. Partly reflecting the large U.S. market, local sales accounted for 92 percent of sales of services by U.S. affiliates of foreign companies and for an estimated 90 percent of sales of goods. ${ }^{11}$

[^32]Sales of services to foreign persons by nonbank foreign affiliates and sales of services to U.S. persons by nonbank U.S. affiliates both represent services delivered to international markets through the channel of direct investment. These sales are shown by country of foreign affiliate or by country of the U.S. affiliates' ultimate beneficial owner (UBO) for 1992-99 in table 8. ${ }^{12}$ Sales by foreign affiliates are shown in tables 9.1 and 9.2: Table 9.1 shows sales by foreign affiliates by primary industry of the affiliate, cross-classified by country for 1998, and reflects the SIC-based classifications used in the past; table 9.2 shows sales by foreign affiliates classified by primary industry for 1999 and reflects the new NAICS-based classifications. Tables 10.1 and 10.2 show data for U.S. affiliates by primary industry (using the NAICS-based classifications), cross-classified by country of UBO for 1998 and 1999.

[^33] affiliate may be located in the United States.

Table C.-Sales of Services by U.S. MNC's Through Their Nonbank MOFA's and by Foreign MNC's Through Their Nonbank MOUSA's, 1998-99
[Millions of dollars]

|  | 1998 | 1999 |
| :---: | :---: | :---: |
| Sales through MOFA's |  |  |
| Total | 303,181 | 357,298 |
| To affiliated persons.............................. | 39,472 | 36,942 |
| To unaffiliated persons. | 263,709 | 320,356 |
| To U.S. persons ...................................... | 17.115 | 18,889 |
| To U.S. parents | 13,761 | 14,498 |
| To unaffiliated U.S. persons ................... | 3,354 | 4,392 |
| To foreign persons ................... | 286,066 | 338,409 |
| To other foreign affiliates | 25,710 | 22,445 |
| To unaffiliated foreign persons............... | 260,355 | 315,964 |
| Local sales | 245,431 | 307,725 |
| To other foreign affiliates ........................ | 9,334 | 9,835 |
| To unaffiliated foreigners...................... | 236,097 | 297,890 |
| Sales to other countries......................... | 40,634 | 30,684 |
| To other foreign affiliates | 16,377 | 12,610 |
| To unaffiliated foreigners....................... | 24,258 | 18,074 |
| Sales through MOuSA's |  |  |
| Total ........................................................ | 262,520 | 312,944 |
| To U.S. persons ................................... | 245,472 | 289,307 |
| To foreign persons ................................. | 17,048 | 23,636 |
| To the foreign parent group ..................... | 9,393 | 10,469 |
| To foreign atfiliates ................................ | 752 | 1,155 |
| To other foreigners ................................ | 6,903 | 12,012 |

Note.-Depository institutions are excluded from both listings because data are not available.

In this table, sales of services through MOFA's in 1998 are those typical of establishments in the following SIC-based industries: "Services;" finance (except depository institutions), insurance, and real estate; agricultural, mining, and petroleum services; and transportation, communication and public utilities.
Sales of services through MOFA's in 1999 and through MOUSA's are those typical of establishments in the following NAICS-based industries: Utilities; transportation and warehousing; information; finance and insurance; real estate and rental and leasing; professional, scientific, and technical services; management of companies and enterprises; administrative and support, waste management, and remediation services; educational services; health care and social assistance; arts, entertainment, and recreation; accommodation and food services; support activities for agriculture and forestry; support activities for oil and gas operations; support activities for mining; and other services.

MNC Multinational company
MOFA Majority-owned foreign affiliate
MOUSA Majority-owned U.S. atfiliate

## Foreign affiliates' sales to foreign persons

In 1999, sales of services to foreign customers by nonbank, majority-owned foreign affiliates of U.S. companies were $\$ 338.4$ billion. By area, affiliates in Europe accounted for more than half of the total. Within Europe, almost half of the sales were accounted for by affiliates in the United Kingdom; affiliates in Germany had the second highest sales, followed by those in France and the Netherlands. Outside of Europe, affiliates in Canada and Japan accounted for the most sales.

By NAICS-based industry group, sales were largest in "other industries," followed by finance (except depository institutions) and insurance and by information. Within "other industries," sales were largest by affiliates in utilities, in administration, support, and waste management (primarily in employment services), in accommodation and food services (primarily in food services and drinking places), and in transportation and warehousing. Insurance accounted for the majority of sales in finance and insurance. Within informa-
tion, sales in broadcasting and telecommunications were largest, primarily in telecommunications.

Sales of services abroad by foreign affiliates increased 18 percent in 1999, but roughly half of this growth reflected the effects of the benchmark survey. A significant portion of the remaining increase in sales resulted from the acquisitions of foreign affiliates as part of the global boom in merger and acquisitions. Much of this activity occurred in industries with substantial sales of services, particularly the telecommunications industry, which was undergoing rapid technological change. ${ }^{13}$ In addition, sales were spurred by strong economic growth in many of the important host countries for foreign affiliates, especially in the Asia and Pacific region, where economic conditions improved from the recessionary conditions of 1998. This economic growth not only created attractive opportunities for U.S. multinationals to

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## Data Sources

The estimates in this article are primarily based on data from the surveys conducted by the Bureau of Economic Analysis (BEA). However, the estimates for some services are based on a variety of other sources, including data from surveys conducted by other Federal Government agencies, data provided by private sources, U.S. Customs Service data, and data from partner countries.
BEA conducts 11 surveys of cross-border trade with unaffiliated foreigners-that is, with foreigners that neither own nor are owned by the U.S. party to the transaction. These surveys cover six categories of services: (1) Selected services (mainly miscellaneous business, professional, and technical services), (2) construction, engineering, architectural, and mining services, (3) insurance, (4) financial services, (5) royalties and license fees, and (6) transportation. Each of these categories is covered by a separate survey or by a group of surveys.
More detailed information on these surveys is available in U.S. International Transactions in Private Services: A Guide to the Surveys Conducted by the Bureau of Economic Analysis. The Guide presents general information about the classification, definition, and release schedules of all the surveys, and it provides details for each survey on the items covered, the frequency of the surveys, the numbers of respondents, and the methods used to prepare the estimates. The Guide is available on BEA's Web site at <www.bea.doc.gov> or by writing to the International Investment Division, $\mathrm{BE}-50$, Bureau of Economic Analy-
sis, Washington, DC 20230. For further information, call 202-606-9853.
The data on cross-border trade with affiliated foreigners and on sales by majority-owned affiliates are collected in BEA's surveys of U.S. direct investment abroad (USDIA) and of foreign direct investment in the United States (FDIUS). The methodology for the USDIA surveys is described in U.S. Direct Investment Abroad: 1994 Benchmark Survey, Final Results (Washington, DC: U.S. Government Printing Office (GPO), 1998); the methodology for the FDIUS surveys is described in Foreign Direct Investment in the United States: Final Results From the 1997 Benchmark Survey (Washington, DC: U.S. GPO, 2001).
For additional information on the methodology used to prepare the estimates of both affiliated and unaffiliated cross-border trade, see The Balance of Payments of the United States: Concepts, Data Sources, and Estimating Procedures (Washington, DC: U.S. GPO, 1990). For changes in the methodology that have been made since 1990, see the section "Technical Notes" in the quarterly articles on the U.S. international transactions in the June 1990 and 1991 issues of the Survey of Current Business, the section "Revised Estimates for 1976-91" in the June 1992 issue, and the annual articles on the revised estimates of U.S. international transactions in the June 1993-95 issues and in the July 1996-2001 issues.
These methodologies and the Survey articles for July 1996-2001 are available on BEA's Web site.
expand abroad but also boosted the sales by existing affiliates.

Because of the effects of the benchmark survey, changes in sales of services by majority-owned foreign affiliates from 1998 to 1999 cannot be analyzed in detail.

## U.S. affiliates' sales in the United States

In 1999, sales of services to U.S. customers by ma-jority-owned U.S. affiliates of foreign companies were $\$ 289.3$ billion. By area of the affiliates' UBO, Europe accounted for the largest share of the total ( 64 percent), followed by Canada ( 16 percent), Asia and Pacific ( 14 percent), and Latin America ( 5 percent). By country of the affiliates' UBO, the United Kingdom accounted for the largest share of sales, followed by Canada, the Netherlands, and Germany.

By NAICS-based industry group, sales were largest in finance (except depository institutions) and insurance, followed by "other industries" and by information. Most of the sales in finance and insurance were accounted for by affiliates in insur-

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The estimates of sales of services through major-ity-owned affiliates were prepared by staff members of the International Investment Division.
The information in tables $1,2,3$, and 5 was consolidated by John A. Sondheimer, assisted by Robert A. Becker. Computer programming for data estimation and the generation of the other tables was provided by Marie Colosimo, Carole J. Henry, Neeta B. Kapoor, Fritz H. Mayhew, and Diane I. Young.
ance, particularly those with UBO's in the United Kingdom, Canada, the Netherlands, and Switzerland. Sales in "other industries" were largest in utilities, in transportation and warehousing, in administration, support, and waste management (primarily in employment services), and in accommodation and food services. In information, sales were largest in broadcasting and telecommunications, followed by publishing.
U.S. affiliates' sales of services in the United States increased 18 percent in 1999. The increase primarily reflected net additions to the affiliate universe as a result of a record volume of new direct investments by foreign multinational companies. ${ }^{14}$ Acquisition activity was particularly strong in two industries with substantial sales of ser-vices-telecommunications and insurance. Many of the acquisitions were by investors in Europe and Canada, where favorable economic conditions led to expansion abroad. Strong economic growth in the United States not only made the United States an attractive destination for foreign investment but also contributed to the growth in sales of services by existing U.S. affiliates. ${ }^{15}$

More than three-fourths of the increase in affiliates' sales of services was accounted for by affiliates with UBO's in Europe. Affiliates with UBO's in Latin America accounted for 12 percent, and those with UBO's in Canada, for 9 percent. Within

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## Data Availability

The estimates of cross-border trade for 1986-2000 and of sales through majority-owned affiliates for 1989-99 are available as files that can be downloaded from BEA's Web site at <www.bea.doc.gov>. To access these files, click on "Balance of payments and related data," and look under "Goods and services." The results of the 1999 benchmark survey of U.S. direct investment abroad will be published in the spring of 2002, and the files on the Web site will be updated with the most recent estimates of sales of services by foreign affiliates for 1999, classified by primary industry of the affiliate and cross-classified by country.

Europe, the largest increases were for the Netherlands and the United Kingdom. For the Netherlands, the increase primarily reflected sales of services by newly acquired affiliates in the insurance sector. For the United Kingdom, the increase was concentrated in information and was largely accounted for by recently acquired affiliates in telecommunications. Outside of Europe, the largest increase was for Latin America and Other Western Hemisphere and reflected recent acquisitions in telecommunications and insurance.

By industry, the largest increases were by affiliates in finance and insurance, followed by affiliates in "other industries" and information. In finance and insurance, the increase was concentrated in insurance, primarily life insurance, and was largely the result of the previously mentioned acquisitions. For "other industries," the increase was primarily in utilities, particularly electric power distribution. In information, an increase in telecommunications due to recent acquisitions was partly offset by a decrease in broadcasting, partly related to selloffs.

## Appendix

## Detail on Intrafirm Trade in Services

As part of the ongoing efforts to improve its statistics on international trade in services, BEA has de-
veloped more detailed estimates of cross-border trade in services between U.S. affiliates and their foreign parent groups by type of service for 1997 to $2000 .{ }^{16}$ These estimates, presented here for the first time, are based on data first collected in the 1997 benchmark survey of foreign direct investment in the United States. They are similar to estimates of cross-border trade in services by type between U.S. parents and their foreign affiliates, which are based on data first collected in the 1994 benchmark survey of U.S. direct investment abroad and first presented in 1998. ${ }^{17}$

Table D provides a more complete picture of intrafirm trade in services by type than previously available by integrating three sets of estimates: The new estimates of trade in services between U.S. affiliates and their foreign parent groups, the updated estimates of trade in services between U.S. parents and their foreign affiliates, and the estimates of intrafirm trade for three types of ser-vices-royalties and license fees, film and televi-

[^36]Table D.-Intrafirm Trade in Services, by Type, 1997-2000
[Billions of dollars]

|  | Receipts |  |  |  |  |  |  |  |  | Payments |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | $\left\lvert\, \begin{gathered} \text { Transpor- } \\ \text { tation } \end{gathered}\right.$ | Royalties and license fees ${ }^{2}$ | Other private services |  |  |  |  |  | Total | $\left\lvert\, \begin{gathered} \text { Transpor- } \\ \text { tation } \end{gathered}\right.$ | Royalties and license fees ${ }^{2}$ | Other private services |  |  |  |  |  |
|  |  |  |  | Total ${ }^{3}$ | Financial services | $\begin{array}{\|c} \hline \begin{array}{c} \text { Com- } \\ \text { puter } \\ \text { and } \\ \text { intorma- } \\ \text { tion } \\ \text { services } \end{array} \end{array}$ | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Film } \\ \text { and } \\ \text { televi- } \\ \text { sion } \\ \text { stape } \\ \text { rentals } \end{array} \\ \hline \end{array}$ | Operational leasing | Other |  |  |  | Total ${ }^{3}$ | Financial services | Computer and information services | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Film } \\ \text { and } \\ \text { televi- } \\ \text { sion } \\ \text { tape } \\ \text { rentals } \end{array} \end{array}$ | Opera tional leasing | Other |
| Total transactions: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1997............................. | 52.0 | 0.4 | 24.5 | 27.1 | 2.3 | 1.6 | 2.4 | 1.5 | 19.3 | 24.8 | 0.4 | 6.8 | 17.6 | 2.8 | 0.8 |  | 0.9 | 13.1 |
| 1998............................. | 54.9 | 0.4 | 26.3 | 28.2 | 2.7 | 1.3 | 2.3 | 1.8 | 20.0 | 28.4 | 0.4 | 8.5 | 19.4 | 4.2 | 0.9 | *) | 0.9 | 13.4 |
| 1999. | 55.3 | 0.4 | 25.9 | 29.0 | 3.2 | 1.4 | 2.4 | 1.8 | 20.2 | 32.8 | 0.4 | 9.8 | 22.6 | 4.8 | 0.8 | (*) | 1.0 | 16.0 |
|  | 58.7 | 0.5 | 26.6 | 31.6 | 3.3 | 1.5 | 2.4 | 1.8 | 22.6 | 37.9 | 0.4 | 12.2 | 25.3 | 5.6 | 0.7 | (*) | 1.1 | 17.9 |
| U.S. parents' transactions: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1997............................. | 40.8 | 0.4 | 23.1 | 17.3 | 1.4 | 1.4 | 2.4 | 1.2 | 10.9 | 10.8 | 0.4 | 1.4 | 9.0 | 2.5 | 0.5 | (*) | 0.1 | 5.9 |
| 1998............................. | 42.9 | 0.4 | 24.4 | 18.1 | 1.8 | 1.3 | 2.3 | 1.5 | 11.2 | 12.6 | 0.4 | 1.8 | 10.4 | 3.3 | 0.6 | (*) | (*) | 6.5 |
| 1999............................ | 43.0 | 0.4 | 24.3 | 18.3 | 1.9 | 1.3 | 2.4 | 1.4 | 11.3 | 14.5 | 0.4 | 2.0 | 12.1 | 3.6 | 0.6 | ** | ** | 7.9 |
|  | 44.5 | 0.5 | 24.4 | 19.6 | 2.0 | 1.4 | 2.4 | 1.5 | 12.3 | 15.6 | 0.4 | 2.2 | 13.0 | 3.9 | 0.6 | (*) | (*) | 8.5 |
| U.S. atfiliates' transactions: 1997. | 11.2 |  | 1.4 | 9.8 | 0.9 | 0.2 |  | 0.3 | 8.4 | 14.0 | * | 5.4 | 8.6 | 0.3 | 0.3 | *) | 0.8 | 7.2 |
| 1998.................................... | 12.0 | ( $)$ | 2.0 | 10.0 | 0.9 | (*) | * | 0.3 | 8.8 | 15.8 | * | 6.8 | 9.0 | 0.9 | 0.3 | * | 0.8 | 7.0 |
| 1999.............................. | 12.2 | *) | 1.6 | 10.6 | 1.3 | 0.1 | (*) | 0.4 | 8.9 | 18.3 | * | 7.8 | 10.5 | 1.2 | 0.2 | * | 1.0 | 8.1 |
| 2000............................. | 14.2 | (*) | 2.2 | 12.0 | 1.3 | (*) | (*) | 0.3 | 10.3 | 22.3 | (*) | 10.0 | 12.3 | 1.7 | 0.1 | (*) | 1.0 | 9.5 |

* Less than $\$ 50$ million

1. Included under "other transportation" in table 1.
.
Equal to "affiliated other private services" in table 1. Intrafirm trade in other private services excludes
payments related to basic telecommunications services because they represent the distribution of reveles collected from unaffiliated customers. It also excludes intrafirm trade in insurance services, except or purchases of primary insurance (and the related recovery of losses) by U.S. companies from affiliated toreigners.
sion tape rentals, and operational leasing-that have been available separately in the past. ${ }^{18}$ The estimates are grouped into three major categoriestransportation, royalties and license fees, and "other private services"-corresponding to the major services categories in table 1 of which they are a part. ${ }^{19}$

In a pattern consistent with the overall profile of the United States as a net exporter of services, total U.S. receipts (that is, the sum of U.S. parents' and U.S. affiliates' receipts) for intrafirm trade in services in 2000 , at $\$ 58.7$ billion, exceeded total payments of $\$ 37.9$ billion. The surplus was accounted for by U.S. parents' transactions; for U.S. affiliates, payments to their foreign parent groups exceeded receipts from their foreign parent groups. To at least some extent, this result reflects the nature of multinational firms, particularly the tendency for some services activities-such as management and research and development-to be conducted at headquarters on behalf of the en-

[^37]tire firm and for the expenses associated with these services to be allocated worldwide among the various units of the firm.

Of the $\$ 58.7$ billion in total receipts, receipts for "other private services" accounted for $\$ 31.6$ billion, and receipts for royalties and license fees accounted for $\$ 26.6$ billion (the small remaining receipts were for transportation services). U.S. parents' transactions accounted for more than three-quarters of total receipts. Within other private services, the "other" category accounted for most of the receipts. A significant portion of the transactions in the "other" category may be accounted for by allocated expenses-overhead expenses, such as research and development assessments, that are apportioned among the various divisions or parts of an enterprise.

Of the $\$ 37.9$ billion in total payments for intrafirm services, payments for other private services accounted for $\$ 25.3$ billion, and payments for royalties and license fees accounted for $\$ 12.2$ billion (the small remaining payments were for transportation services). Nearly three-fifths of total payments were accounted for by U.S. affiliates. Like receipts, most of the payments related to intrafirm trade in "other private services" were accounted for by the "other" category.

Tables 1-10 follow.

Table 1.—Private Services Trade by Type, 1986-2000
[Millions of dollars]

|  | Exports |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 |
| Total private services | 77,545 | 87,030 | 100,971 | 117,935 | 137,232 | 152,437 | 163,688 | 171,588 | 187,357 | 203,768 | 222,633 | 238,984 | 243,902 | 255,995 | 278,570 |
| Travel | 20,385 | 23,563 | 29,434 | 36,205 | 43,007 | 48,385 | 54,742 | 57,875 | 58,417 | 63,395 | 69,809 | 73,426 | 71,286 | 74,731 | 82,042 |
| Overseas | 15,650 | 18,044 3 | 22,313 | 26.938 | 30,807 | 34,518 | 40,864 | 45,298 | 47,299 | 54,331 | 59,963 | 63,041 | 61,262 | 63,947 | 70,050 |
| Canada Mexico | 2,701 2,034 | 3,309 2,210 | 4,150 <br> 2,971 | 5,340 3,927 | $\begin{array}{r}7,093 \\ 5,107 \\ \hline\end{array}$ | 8.500 5,367 | 8,182 5,696 | 7,458 5.119 | 6,252 4,866 | 6,207 2,857 | 6,842 <br> 3,004 | 6,945 3,440 | 3,806 | 6,670 4,114 | 7,055 4,937 |
| Passenger fares | 5,582 | 7,003 | 8,976 | 10,657 | 15,298 | 15,854 | 16,618 | 16,528 | 16,997 | 18,909 | 20,422 | 20,868 | 20,098 | 19,785 | 20,745 |
| Other transportation. | 15,438 | 17,027 | 19,311 | 20.526 | 22,042 | 22,631 | 21,531 | 21,958 | 23,754 | 26,081 | 26,074 | 27,006 | 25,604 | 26,916 | 30,185 |
| Freight. | 4,864 | 5,452 | 6.491 | 7,209 | 8,379 | 8.651 | 8,441 | 8.594 | 9,575 | 11,273 | 11,146 | 11,789 | 11,048 |  |  |
| Port services ............ | 10,574 | 11,575 | 12,820 | 13,318 | 13,662 | 13,979 | 13,088 | 13,364 | 14,180 | 14,809 | 14,929 | 15,217 | 14,557 | 15,356 | 16,950 |
| Royalties and license fees. | 8.113 | 10,174 | 12,139 | 13,818 | 16,634 | 17,819 | 20,841 | 21,695 | 26,712 | 30,289 | 32,470 | 33,228 | 35,626 | 36,420 | 38,030 |
| Affiliated ........... | 6,17 | 7,888 | 9,493 | 10,961 | 13,250 | 14,106 | 15,659 | 15,688 | 20,275 | 22,859 | 24,556 | 24,465 | 26,313 | 25,905 | 26,621 |
| U.S. parents' transactions | 5,994 | 7,668 | 9,238 | 10,612 | 12,867 | 13,523 | 14,925 | 14,936 | 19,250 | 21,399 | 22,719 | 23,091 | 24,362 | 24,265 | 24,444 |
| U.S. aftiliates' transactions | 180 | 220 | 256 | 349 | 383 | 583 | 733 | 752 | 1,025 | 1,460 | 1,837 | 1,374 | 1,951 | 1,640 | 2,177 |
| Unafiliated..... | 1,939 | 2,286 | 2,646 | 2.857 | 3.384 | 3.712 | 5,183 | 6,007 | 6,437 | 7,430 | 7,914 | 8.763 | 9,314 | 10,515 | 11,409 |
| Industrial processes.. | n.a. | 1,593 | 1.863 | 1,947 | 2,333 | 2,435 | 2,525 | 2.820 | 3,026 | 3,513 | 3,566 | 3,544 | 3,500 | 3,987 | 4,421 |
| Other. | n.a. | 694 | 782 | 910 | 1,052 | 1,277 | 2,657 | 3,187 | 3,411 | 3,917 | 4,348 | 5,219 | 5,814 | 6,528 | 6,987 |
| Other private services. | 28,027 | 29,263 | 31,111 | 36,729 | 40,251 | 47,748 | 49,956 | 53,532 | 61,477 | 65,094 | 73,858 | 84,456 | 91,288 | 98,143 | 107,568 |
| Affiliated services | 8.385 | 8,494 | 9.568 | 12.295 | 13,622 | 14,538 | 16,823 | 16.813 | 19,825 | 20.483 | 22,931 | 27,107 | 28,176 | 28.969 | 31,628 |
| U.S. parents' transactions. | 5,577 | 5,658 | 6,808 | 9,177 | 9.532 | 9,975 | 10,479 | 10,902 | 13,313 | 13,033 | 14,118 | 17,288 | 18,135 | 18,340 | 19,604 |
| U.S. affililates' transactions | 2,808 | 2,836 | 2.760 | 3.179 | 4,090 | 4,563 | 6,344 | 5,911 | 6.512 | 7,450 | 8,813 | 9,819 | 10,041 | 10,629 | 12,024 |
| Unafililated services | 19,641 | 20,769 | 21,544 | 24,433 | 26,629 | 33,210 | 33,134 | 36,718 | 41,652 | 44,611 | 50,927 | 57,349 | 63,112 | 69,174 | 75,940 |
| Education. | 3,495 | 3,821 | 4,142 | 4,575 | 5,126 | 5.679 | 6,186 | 6,738 | 7,174 | 7,515 | 7,887 | 8,346 | 9,034 | 9,604 | 10,287 |
| Financial services | 3,301 | 3,731 | 3,831 | 5.036 | 4,417 | 5,012 | 4,034 | 4,999 | 5,763 | 7.029 | 8,229 | 10,243 | 11,327 | 14,303 | 17.042 |
| Insurance, net | 1,385 | 1,573 | 847 | 103 | 230 | 491 | 682 | 1,020 | 1,676 | 1,296 | 2,168 | 2,473 | 2,224 | 1,299 | 2,412 |
| Premiums. | 3,424 | 3,615 | 3,534 | 3,117 | 3,388 | 3,365 | 3,852 | 3,981 | 4,921 | 5,491 | 5,929 | 6,118 | 7,278 | 7,282 | 8,898 |
| Losses.. | 2,039 | 2,042 | 2,687 | 3.015 | 3,158 | 2.874 | 3,170 | 2.961 | 3,245 | 4,195 | 3,761 | 3,645 | 5,054 | 5,983 | 6,486 |
| Telecommunications. | 1,827 | 2,111 | 2,196 | 2,519 | 2,735 | 3,291 | 2,885 | 2.785 | 2,865 | 3,228 | 3,301 | 3,918 | 5,567 | 3.734 | 3,843 |
| Business, professional, and technical services. | 4,813 | 4,765 | 5,970 | 6,823 | 7.752 | 12,045 | 11,722 | 12,958 | 15,330 | 16,078 | 19,466 | 21,547 | 22,676 | 27,114 | 28,026 |
| Accounting, auditing, and bookkeeping services | 21 | 27 | 37 | 124 | 119 | 168 | 164 | 164 | 132 | 181 | 222 | 316 | 412 | 414 | 381 |
|  | 94 | 109 | 145 | 145 | 130 | 274 | 315 | 338 | 487 | 425 | 543 | 607 | 445 | 472 | 518 |
| Agricultural services |  |  |  |  |  | 56 | 54 | 47 | 30 | 30 | 19 | 23 | ${ }^{23}$ | 21 | 21 |
| Computer and data processing services....... | 985 | 649 | 1,198 | 978 | 1,031 | 1,738 | 776 | 986 | 1,306 | 1,340 | 1,617 | 2,011 | 1,941 | 2,687 | 2,464 |
| Construction, engineering, architectural, and mining services. $\qquad$ | 759 | 668 | 790 | 939 | 867 | 1,478 | 1,935 | 2,407 | 2,474 | 2.550 | 3.553 | 3,503 | 3,884 | 5.784 | 5,252 |
| Data base and other information services....... | 124 | 133 | 196 | 205 | 283 | 442 | 641 | 694 | 1,026 | 1,078 | 1158 | 1,479 | 1,764 | 2,088 | 2,431 |
| Industrial engineering | 98 | 304 | 278 | 219 | 473 | 363 | 212 | 268 | 575 | 726 | 870 | 1,186 | 1,271 | 1,862 | 1,628 |
| Installation, maintenance, and repair of equipment. | 1,033 | 1,087 | 1,276 | 1,717 | 2,031 | 2.574 | 2,744 | 2,978 | 3,497 | 3,218 | 3,648 | 3,369 | 3,189 | 3,500 | 4,194 |
| Legal services. | 97 | 147 | 272 | 397 | 451 | 1,309 | 1,358 | 1,442 | 1,617 | 1,667 | 1,943 | 2,223 | 2,406 | 2,463 | 3,214 |
| Mailing, reproduction, and commercial art. | $\left.{ }^{( }\right)$ | 22 | 29 | 9 | 8 | 18 | 14 | 12 | 10 | 4 |  | 17 | 15 | 16 | 16 |
| Management of health care facilities.... |  |  | (*) |  |  | 22 | 22 | 19 | 18 |  |  |  | 25 | 10 | 5 |
| Management, consulting, and public relations servi | 306 | 327 | 344 | 300 | 354 | 870 | 728 | 826 | 1,134 | 1,489 | 1,460 | 1,632 | 1,888 | 1,893 | 1,834 |
| Medical services. | 490 | 516 | 541 | 588 | 630 | 672 | 708 | 750 | 794 | 856 | 1,005 | 1,113 | 1,204 | 1,302 | †,431 |
| Miscellaneous disbursem | n.a. | n.a | n.a. | n.a. | n.a. | 89 | 97 | 222 | 222 | 251 | 333 | 144 | 148 | 109 | 112 |
| Operational leasing.. | 384 | 484 | 544 | 671 | 801 | 796 | 854 | 834 | 925 | 978 | 1,482 | 2,012 | 2,367 | 2.670 | 2,714 |
| Personnel supply service |  | 38 |  |  |  | 160 | 127 | 113 | 85 | 95 | 99 | 92 | 89 | 87 | 85 |
| Research, development, and testing service | 282 | 177 | 231 | 375 | 384 | 602 | 611 | 464 | 522 | 638 | 681 | 893 | 869 | 131 | 988 |
| Sports and performing arts... | 32 | 11 | (9) | $\begin{array}{r}43 \\ 109 \\ \hline 1\end{array}$ | $\begin{array}{r}47 \\ 138 \\ \hline 1\end{array}$ | 345 | 320 | 77 319 | $\begin{array}{r}86 \\ 388 \\ \hline 8\end{array}$ | 116 | 149 | 149 | -99 | 131 | 129 |
| Other business, professional and technical services ${ }^{1} . . . .$. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | 246 | 308 | 244 | 221 | 219 |
| Other unatiliated services ${ }^{2}$........................................... | 4,821 | 4,769 | 4,558 | 5,378 | 6,369 | 6,693 | 7,625 | 8,220 | 8,845 | 9,465 | 9,874 | 10,821 | 12,284 | 13,120 | 14,331 |

See footnotes at end of table

Table 1.—Private Services Trade by Type, 1986-2000—Continued
[Millions of dollars]

|  | Imports |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 |
| Total private servicas. | 64,731 | 73,945 | 81,002 | 85,295 | 98,210 | 99,934 | 100,379 | 107,940 | 119,101 | 128,781 | 137,102 | 151,791 | 167,376 | 173,049 | 200,585 |
| Travel | 25,913 | 29,310 | 32,114 | 33,416 | 37,349 | 35,322 | 38,552 | 40,713 | 43,782 | 44,916 | 48,078 | 52,051 | 56,509 | 58,865 | 64,537 |
| Overseas | 20,311 | 23,313 | 25,260 | 25,746 | 28,929 | 26.506 | 29,838 | 31,859 | 34.534 | 35,281 | 37.436 | 40,667 | 44,395 | 46,925 | 51,524 |
| Canada <br> Mexico | 3,034 2,568 | 2,939 3,058 | 3,232 <br> 3,622 | 3,394 4,276 | 3,541 4,879 | 3,705 5,111 | 3,554 5,160 | 5,162 | 3,914 5,334 | 4,319 5,316 | 4.670 5,972 | 4,904 6,480 | 5,718 6,396 | $\begin{aligned} & 6,135 \\ & 5.805 \end{aligned}$ | 6,367 6,646 |
| Passenger fares | 6,505 | 7,283 | 7,729 | 8,249 | 10,531 | 10,012 | 10,603 | 11,410 | 13,062 | 14,663 | 15,809 | 18,138 | 19,971 | 21,315 | 24,197 |
| Other transportation. | 17,766 | 19,010 | 20,891 | 22,172 | 24,966 | 24,975 | 23,767 | 24,524 | 26,019 | 27,034 | 27,403 | 28,959 | 30,363 | 34,139 | 41,058 |
| Freight......... | 12,512 | 12,618 | 13.792 | 13,997 | 15,046 | 14,554 | 13,571 | 14,518 | 16,006 | 16,455 | 16,539 | 17,654 | 19,412 | 22,218 | 26,979 |
| Port services. | 5,254 | 6,392 | 7,099 | 8,176 | 9,920 | 10,421 | 10,197 | 10,005 | 10,013 | 10,579 | 10,864 | 11,305 | 10,950 | 11,925 | 14,083 |
| Royalties and license tees.. | 1,401 | 1,857 | 2,601 | 2,528 | 3,135 | 4,035 | 5,161 | 5,032 | 5,852 | 6,919 | 7,837 | 9,161 | 11,235 | 12,613 | 16,106 |
| Affiliated.. | 916 | 1,309 | 1,426 | 1,704 | 2,206 | 2,955 | 3,396 | 3,386 | 3,933 | 5,256 | 5,406 | 6,749 | 8,547 | 9,791 | 12,170 |
| U.S. parents' transactions... | 118 | 168 | 141 | 71 | 239 | 166 | 189 | 234 | 420 | 583 | 761 | 1,379 | 1,782 | 1,956 | 2,184 |
| U.S. affiliates' transactions | 799 | 1,142 | 1,285 | 1,632 | 1,967 | 2,789 | 3,207 | 3,152 | 3,513 | 4,673 | 4,645 | 5,370 | 6,765 | 7,835 | 9,986 |
| Unatifiliated | 484 | 547 | 1,175 | 824 | 929 | 1,080 | 1,766 | 1,646 | 1,919 | 1,663 | 2,431 | 2,412 | 2.688 | 2,822 | 3,936 |
| Industrial processes. | n.a. | 435 | 488 | 568 256 | ${ }_{666}^{665}$ | 796 283 | 818 | $\begin{array}{r}1,054 \\ \hline 59\end{array}$ | 1,034 <br> 884 | 948 714 | 1,319 1,112 | $\begin{array}{r}1,417 \\ \hline 95 \\ \hline\end{array}$ | 1,319 1,368 | 1,699 1,125 | 1,852 2,084 |
| Other...................... | n.a. | 112 | 689 | 256 | 265 | 283 | 948 | 592 | 884 | 714 | 1,112 | 995 | 1,368 | 1,125 | 2,084 |
| Other private services. | 13,146 | 16,485 | 17,667 | 18,930 | 22,229 | 25,590 | 22,296 | 26,261 | 30,386 | 35,249 | 37,975 | 43,482 | 49,298 | 46,117 | 54,687 |
| Affiliated services. | 3,915 | 5,356 | 6.043 | 7,911 | 9,117 | ${ }^{9}, 732$ | 9,640 | 10,677 | 12,451 | 13,634 | 15,548 | 17,625 | 19.437 | 22,588 | 25,300 |
| U.S. parents' transactions | 2,391 | 3,050 | 3.461 | 4,783 | 5,334 | 5,260 | 5,355 | 5,721 | 6,538 | 6.861 | 7,084 | 9,012 | 10,415 | 12,076 | 12.980 |
| U.S. affiliates' transactions | 1,524 | 2,307 | 2.582 | 3.128 | 3,784 | 4,472 | 4.285 | 4,956 | 5,913 | 6,773 | 8.464 | 8.613 | 9,022 | 10,512 | 12,320 |
| Unaffiliated services. | 9,231 | 11,129 | 11,624 | 11,019 | 13,111 | 15,859 | 12,656 | 15,585 | 17,935 | 21.615 | 22,427 | 25,857 | 29,861 | 23,529 | 29,387 |
| Education | 433 | 452 | 539 | 586 | 658 | 698 | 767 | 857 | 972 | 1.125 | 1,253 | 1,396 | 1,587 | 1,829 | 2,140 |
| Financial services | 1,769 | 2,077 | 1,656 | 2,056 | 2,475 | 2,669 | 986 | 1,371 | 1,654 | 2.472 | 2,907 | 3,347 | 3.590 | 3,404 | 4,482 |
| Insurance, net. | 2.200 | 3,241 | 2.628 | 823 | 1,910 | 2.467 | 1,324 | 3.095 | 4,034 | 5,360 | 3,885 | 5,873 | 9,240 | 3,206 | 9,189 |
| Premiums | 7,217 | 8.538 | 8,954 | 9,909 | 10,222 | 11.207 | 11,738 | 12,093 | 14,075 | 15,284 | 14,522 | 15,211 | 20,398 | 21.568 | 27,923 |
| Losses. | 5,017 | 5,297 | 6,326 | 9,086 | 8,312 | 8.740 | 10,414 | 8,998 | 10,041 | 9,925 | 10,637 | 9,338 | 11,158 | 18,362 | 18,734 |
| Telecommunications. | 3,253 | 3,736 | 4,576 | 5,172 | 5,583 | 6,608 | 6,052 | 6,365 | 6,928 | 7.305 | 8,290 | 88,346 | 7,682 | 6,605 | 5,360 |
| Business, professional, and technical services. | 1,303 | 1,367 | 1,926 | 2,059 | 2,093 | 3,015 | 3,102 | 3,504 | 3,869 | 4.822 | 5,547 | 6,407 | 7,303 | 8,061 | 7,776 |
| Accounting, audititing, and bookkeeping services | 29 | 37 | 31 | 22 | 57 | 89 | 104 | 103 | 130 | 170 | 218 | 279 | 403 | 641 |  |
| Advertising........................................... | 77 | 128 | 188 | 228 | 243 | 301 | 450 | 646 | 728 | 833 | 971 | 773 | 912 | 879 | 804 |
| Agricultural services <br> Computer and data processing services | 5 32 | 74 | 107 | 46 | ( ${ }^{*}$ | ${ }_{116}^{22}$ | 71 | 1181 | 14 88 | 126 | 276 | 636 | 828 | 888 | 837 |
| Construction, engineering, architectural, and mining services. $\qquad$ | 301 | 163 |  | 443 |  |  |  |  |  |  |  |  |  |  |  |
| Data base and other information services | 23 | 25 | 39 | 31 | 54 | 51 | 72 | 110 | 141 | 160 | 146 | 128 | 152 | 171 | 203 |
| Industrial engineering | 75 | 103 | 133 | 53 | 74 | 30 | 112 | 142 | 100 | 160 | 197 | 211 | 206 | 225 | 296 |
| instaliation, maintenance, and repair of equipment | 467 | 496 | 616 | 704 | 714 | 538 | 191 | 175 | 164 | 160 | 239 | 307 | 242 | 306 | 423 |
| Legal services ........................ | 40 | 56 | 98 | 81 | 111 | 244 | 311 | 321 | 383 | 469 | 615 | 539 | 655 | 736 | 839 |
| Mailing, reproduction, and commercial art........ | 12 | 9 | 9 | ${ }^{8}$ | ${ }^{8}$ | 38 | 37 | 33 | 17 | $\stackrel{22}{16}$ | 42 | 30 | 30 | 32 | 25 |
| Management of health care facilities ............... | (*) | ${ }_{6} 6$ | $7_{3}^{2}$ | (*) | 135 | 171 | $\begin{array}{r}13 \\ 243 \\ \hline\end{array}$ | 11 287 | ${ }^{12}$ | 16 465 | 48 | 108 68 | 10 | 10 | 3 708 |
| Madical senent consuliting, and pubic.e. | ก.a. | п.a. | п.a. | n.a. | n.a. | n.a. | n.a. | n.a. |  | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Miscellaneous disbursements... | n.a. | n.a. | n.a. | п.a. | n.a. | 342 | 395 | 371 | 538 | 843 | 750 | 1075 | 1136 | 1360 | 1083 |
| Operational leasing.... | 50 | 48 | 78 | 88 | 202 | 229 | 337 | 356 | 401 | 407 | 325 | 189 | 175 | 173 | 168 |
| Personnel supply services. | 25 |  | 10 | 10 | 5 | 15 | 14 | 13 | 位 | 4 | 28 | 18 | 18 | 19 | 21 |
| Research, development, and testing services.... | 76 | 114 | 182 | 133 | 210 | 241 | 225 | 239 | 294 | 364 | 379 | 564 | 637 | 746 | 851 |
| Sports and performing arts ......................... | 21 | 25 | 40 | 54 | 48 | 84 | 145 | 156 | 122 | 120 | 200 | 260 | 228 | 237 | 176 |
| Training services ....................................... | 7 | 9 | 10 | 13 | 17 | 77 | 101 | 101 | 137 | 145 | 140 | 153 | 168 | 161 | 209 |
| Other business, professional and technical services ${ }^{1}$...... | n.a. | n.a. | n.a. | ก.a. | n.a. | n.a. | п.a. | п.а. | n.a. | п.a. | 40 | 75 | 70 | 99 | 104 |
|  | 272 | 255 | 298 | 323 | 392 | 402 | 425 | 394 | 477 | 532 | 546 | 487 | 460 | 425 | 440 |

n.a. Not available
*Less than $\$ 500,000$.

- Suppressed to avoid disclosure of data of individual companies.
. other business, professional, and technical services consists of language translation services, security
toxic waste cleanup services, and merchanting services.

2. Exports include mainly filmm and tate rentals and expenditures of foreign governments and international
organizations in the Unite States. Imports include mainly expenditures of U.S. residents temporarily working
abroad and film and tape rentals. abroad and film and tape rentals.

Table 2.-Private Services Trade by Area and Country, 1986-2000
[Millions of dollars]

|  | Exports |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 |
| All countries | 77,545 | 87,030 | 100,971 | 117,935 | 137,232 | 152,437 | 163,688 | 171,588 | 187,357 | 203,768 | 222,633 | 238,984 | 243,902 | 255,995 | 278,570 |
| Canada. | 8,465 | 9,371 | 10,703 | 13,323 | 15,684 | 17,750 | 17,380 | 16,971 | 17,216 | 17,927 | 19,492 | 20,484 | 19,123 | 21,215 | 23,206 |
| Europe ..... | 24,896 | 30,259 | 35,754 | 41,593 | 48,192 | 53,570 | 60,182 | 62,138 | 67.473 | 73,092 | 81, 274 | 86,443 | 93,917 | 97,515 | 103,501 |
| Belgium-Luxembourg. France | 1,027 2.912 | 1,025 3,648 | 1,209 <br> 3,885 | 1,475 4,642 | 1,763 <br> 5,542 | 1,946 6,168 | 2,308 6,998 | 6,816 | 27,782 6,694 | 2,843 7,965 | 2,882 8882 | 2,860 9,358 | 2.981 9.573 | 3,417 9 9 | 3,520 10,300 |
| ${ }_{\text {France }}$ Germany' | 4,001 | 5,196 | 5,881 | 6,642 6,134 | 7,364 | 6,168 8,825 | $\begin{array}{r}\text { + } \\ 10,898 \\ \hline 18\end{array}$ | 11,346 | +11,573 | 12,692 | 13,370 | 13,978 | 14,889 | - 15.942 | 15,993 |
|  | 1,852 | 2,143 | 2,452 | 2,676 | 3,279 | 3,680 | 4,496 | 4,080 | 4,264 | 4,533 | 4.858 | 4,991 | 5,596 | 5,145 | 5.392 |
| Netherlands | 1,938 | 2,106 | 2,456 | 2,579 | 3,269 | 3,576 | 3,747 | 4.109 | 5.476 | 6,119 | 7.012 | 7.303 | 6,600 | 6,717 | 6.855 |
| Norway |  |  |  |  |  |  | 1,148 | 1,241 | 1,157 | 1,210 | 1.401 | 1.395 | 1.410 | 1.315 3 | ${ }_{3}^{1,325}$ |
| Spain |  | ............. | $\ldots$ |  | ............ | $\cdots$ | 2,443 <br> 1756 | 2,246 1,728 | 2,678 1,747 | $\begin{array}{r}2,991 \\ 1 \\ 1 \\ \hline\end{array}$ | 3,098 2,474 | 3,432 <br> 2 | 3,512 <br> 2 | 3,820 <br> 2 | 3.622 2.651 |
| Swizerland. |  |  |  |  |  |  | 2.894 | 2,922 | 3,695 | 3,843 | 4,294 | 4,325 | 4,948 | 4,686 | 5,596 |
| United Kingdom. | 6,502 | 8,389 | 10,105 | 12,448 | 12,989 | 14,091 | 15,726 | 17, 163 | 17,848 | 18,625 | 20.204 | 23,845 | 26.442 | 27.843 | 30,093 |
| Other ....................................................................... |  |  |  |  |  |  | 7,834 | 8,276 | 9,558 | 10,381 | 12,819 | 12,580 | 15,393 | 16,643 | 18,152 |
| Latin America and Other Western Hemisph | 14,206 | 14,398 | 15,669 | 17,842 | 21,957 | 24,842 | 26,722 | 29,126 | 32,740 | 32,872 | 35,736 | 42,398 | 46,707 | 48,766 | 54,110 |
| South and Central America............................. | 11,472 | 11,744 | 13,027 | 15,142 | 18,447 | 21, 174 | 23,228 | 25,219 | 27,931 | 27,639 | 29,826 | 34,981 | 38,089 | 38,773 | 42,517 |
| Argentina ........... |  |  |  |  |  |  | 1,797 | 2,147 | 2,482 | 2,403 | 2,759 | 3,339 | 3,582 | 3.634 | 3,598 |
| Brazil............... | ............. | ............. | ............. |  |  | -......... | 2,499 | 2,949 | 3,737 | 4.997 | 5,205 | 6.405 | 6,616 | 5,521 | 5,960 |
| Chile.... |  |  |  |  |  |  | 620 | 777 | 1,156 | 991 | 1,189 | 1.424 | 1,334 | 1,457 | 1,567 |
| Mexico ... | 4,531 | 4,445 | 4,911 | 4,822 | 8.590 | 9,666 | 10,492 | 10,440 | 11,344 | 8.705 | 9.442 | 10,799 | 11.628 | 12.462 | 14,013 |
| Venezuela. | 937 | 829 | 914 | 1,027 | 1,273 | 1,563 | 1,993 | 2,428 | 2,145 | 2,496 | 2.409 | 2,682 | 3,063 | 3,212 | 3,495 |
| Other,............................................ |  |  |  |  |  |  | 5.832 | 6,480 | 7.070 | 8 8,049 | 8.820 | 10,337 | 11,871 | 12,488 | 13,883 |
| Other Western Hemisphere ................................ | 2,740 | 2,652 | 2,642 | 2.699 | 3.509 | 3,667 | 3,494 | 3,904 | 4.8509 | 5,234 | 5.910 | 7,416 | 8,617 | 9,992 | 11,593 |
| Other ................................................................ |  |  |  |  |  |  | 3,077 | 3,371 | 4,056 | 4,628 | 5,062 | 6,529 | 7,566 | 8,824 | 9,817 |
| Africa, Middle East, and Asia and Pacilic. | 25,602 | 28,258 | 33,335 | 39,327 | 45,321 | 51,167 | 54,855 | 58,604 | 64,937 | 74,508 | 80,154 | 83,970 | 77,996 | 82,517 | 91,615 |
|  |  |  |  |  |  |  | 2,234 | 2,328 | 2,579 | 2,869 | 3,036 | 3,481 | 4,110 | 4,609 | 5,382 |
| South Africa ... | ............. | ............. | ............. | - | -u........ | $\ldots$ | 465 | 494 | 625 | 801 | 843 | 1,004 | 1,068 | 1,293 | 1,348 |
| Other......... |  |  |  |  |  |  | 1,771 | 1,835 | 1,954 | $\stackrel{2,069}{ }$ | 2.195 | 2,478 | 3.044 | 3.316 | 4,032 |
| Middle East. | ............. | ............. | ............. | ............. | $\cdots$ | ............ | 3,965 | 4,147 | 5,052 | 5.796 | 6.681 | 6,844 | 7.443 | 7.575 | 7.559 |
| Israel |  |  |  |  |  |  | 896 | 1,106 | 1,484 | 1,637 | 1,899 | 1,918 | 2,047 | 2,203 | 2,318 |
| Saudi Arabia. | $\ldots$ | .............. | $\ldots$ | ............ | - | ............. | 1,356 | 1.239 | 1,864 | 2,084 | 1.689 | 1,911 | 1,976 | 2,335 | 2,371 |
| Other ........ |  |  |  |  |  |  | 1.713 | 1,802 | 1,702 | 2,074 | 3,095 | 3,012 | 3,419 | 3,037 | 2,869 |
| Asia and Pacific ............................................ |  |  |  |  |  |  | 48.656 | 52,130 | 57,306 | 65,843 | 70,437 | 73,645 | 66.442 | 70,334 | 78,675 |
| Australia ....... | 1,593 | 1,842 | 2,311 | 2,825 | 3,260 | 3,214 | 3,459 | 3,558 | 3,791 | 4,266 | 4.510 | 4,899 | 4,794 | 5,041 | 5.413 |
| China |  |  |  |  |  |  | 1,568 | $\begin{array}{r}1,919 \\ \hline\end{array}$ | 2,049 | 2,531 | 3,164 3 | 3,594 3 | 3,965 | 3,883 | 4,586 |
| Hong Kong .. | $\cdots$ |  |  |  |  |  | 1.094 | 2,365 | ${ }_{1}^{2,804}$ | 2,998 | 3,338 | 3,627 | 3,466 | 3,469 | 3,764 |
| Indonesia...... |  |  |  |  |  |  | 1.775 | + 893 | 1,226 | 1,157 | 1,415 | 1,593 <br> 1,784 | 1,875 1,469 | 2,003 1,447 | 2, 2,441 |
| Japan. | 10,273 | 12,376 | 14,827 | 18,363 | 21,159 | 23,981 | 25,554 | 26,794 | 28,952 | 33,240 | 33,535 | 33,926 | 29,822 | 30,718 | 34,241 |
| Korea, Repub |  |  |  |  |  |  | 3,375 | 3,638 | 4,599 | 5,693 | 7.435 | 7,108 | 4,759 | 5,427 | 6,940 |
| Malaysia ...... |  |  |  |  |  | ....... | 601 | 680 | 892 | 1,032 | 1,278 | 1,257 | 1,046 | 1,093 | 1,132 |
| New Zealand |  |  |  |  |  | ........ | 761 | 794 | 835 | 996 | 1.177 | 1,251 | 1,233 | 1,183 | 1,252 |
| Phillippines. |  |  |  | $\cdots$ |  |  | 968 | 1,247 | 1,187 | 1,059 | 1,237 | 1,500 | 1,317 | 1,604 | 1,687 |
| Singapore. |  | ............. | - | ............. |  | .... | 2.155 | 2,414 | 2.646 | 3.148 | 3,854 | 4,099 | 3.819 | 4,504 | 4.803 |
| Taiwan......... |  |  |  |  |  |  | 3,173 | 3,466 | 4,168 | 4,429 | 4,048 | 4,743 | 3.997 | 4,838 | 4.712 |
| Thailand. | $\ldots . . . .$. | $\ldots$ | ........... | ............. | $\ldots$ | ............ | 750 | 1,016 | 1,020 | 1,188 | 1,216 | 1,243 | 1.160 | 1,078 | 1,156 |
| Other .............................. |  |  |  |  |  |  | 2,160 | 2,205 | 2,267 | 2,786 | 2,734 | 3,019 | 3,723 | 4,044 | 5,016 |
| International organizations and unallocated.... | 4,376 | 4,745 | 5,510 | 5,850 | 6,077 | 5,109 | 4,548 | 4,750 | 4,990 | 5,365 | 5,971 | 5,687 | 6,155 | 5,978 | 6,140 |
| Addenda: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| European Union ${ }^{2}$ | 20,752 | 25,259 | 29,447 | 34,307 | 39,149 | 44.150 | 51,140 | 52,374 | 56.013 | 63,938 | 70.372 | 75,265 | 81,860 | 85,530 | 90,013 |
| Eastern Europe ${ }^{\text {a }}$.. | 283 | 298 |  |  |  | 1,140 | 1,163 | 1,673 | 2,183 | 2,580 | 3,283 | 3,392 | 3,704 | 3,623 | 3.809 |

See footnotes at end of table.

Table 2.-Private Services Trade by Area and Country, 1986-2000-Continued
[Millions of dollars]

|  | imports |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 |
| All countries | 64,731 | 73,945 | 81,002 | 85,295 | 98,210 | 99,934 | 100.379 | 107,940 | 119,101 | 128,781 | 137,102 | 151,791 | 167,376 | 173,049 | 200,585 |
| Canada. | 6,311 | 6,854 | 8,350 | 8,640 | 9,130 | 9,716 | 8,688 | 9,223 | 10,132 | 11,160 | 12,451 | 13,923 | 15,397 | 15,462 | 16,313 |
| Europe | 24,132 | 28,313 | 30,866 | 33,010 | 39,815 | 39,262 | 39,718 | 44,417 | 48,996 | 52,708 | 53,856 | 61,517 | 70,634 | 71,438 | 86,662 |
| Belgium-Luxembourg. | 604 | 556 | 622 | 813 | 1,022 | 958 | 1,028 | 1,048 | 1,245 | 1,480 | 1,498 | 1,716 | 1,928 | 2,097 | 2,278 |
| France ..................... | 2,264 | 2,679 | 2,931 | 3,517 | 4,169 | 3,927 | 4,581 | 4,958 | 5,749 | 5,951 | 6,023 | 6,757 | 7,536 | 7,944 | 10,472 |
| Germany ${ }^{1}$ | 3,982 | 5,198 | 5.540 | 6,048 | 6,819 | 6,438 | 6,376 | 6,806 | 7,280 | 7,586 | 7,705 | 7,934 | 9,783 | 9.782 | 11.402 |
| Italy ......... | 2,258 | 2,509 | 2.870 | 2,863 | 3.469 | 3,299 | 3,177 | 3,142 | 3,433 | 3,743 | 3,492 | 3.681 | 4,058 | 4,625 | 5,168 |
| Netherlands. | 1,032 | 1,305 | 1,317 | 1,609 | 1,935 | 2,157 | 2,479 | 2,211 | 2,613 | 3,191 | 3,157 | 3.461 | 4,332 | 3,867 | 5,234 |
| Norway........ |  | ............. |  |  |  | .............. | 1,034 | 1,414 | 1,184 | 1.162 | 1,281 | 1,281 | 784 | 867 | 757 |
| Spain..... |  |  | ....... |  |  |  | 1,271 | 1.081 | 1.140 | 1.109 | 1,304 | 1,457 | 1,880 | 2,137 | 2.611 |
| Sweden. |  |  |  |  |  |  | 779 | 942 | 857 | 844 | 884 | 854 | 847 | 1.067 | 1,355 |
| Switzerland. |  |  |  |  |  |  | 1,710 | 1,945 | 2,317 | 2,285 | 2,636 | 2.765 | 3,766 | 3.763 | 5,367 |
| United Kingdom | 7,542 | 8,918 | 9,411 | 9,795 | 11,564 | 12,111 | 10,538 | 13,634 | 14,692 | 16,063 | 16,186 | 21,363 | 23,282 | 23,664 | 26,913 |
| Other ......................................... |  |  |  |  |  |  | 6,746 | 7,237 | 8,486 | 9,293 | 9,690 | 10,249 | 12,437 | 11,628 | 15,100 |
| Latin America and Other Western Hemisphere.......... | 13,010 | 14,964 | 15,648 | 16,840 | 18,643 | 19,602 | 20,127 | 20,588 | 22,783 | 24,252 | 26,954 | 29,813 | 32,469 | 32,041 | 37,383 |
| South and Central America | 7,522 | 9,074 | 10,241 | 11,180 | 12,737 | 13,254 | 13,439 | 13,582 | 14,850 | 15,500 | 17,711 | 19,156 | 19,723 | 20,211 | 22,090 |
| Argentina |  |  |  |  |  | .............. | 449 | 464 | 572 | 572 | 779 | 864 | 855 | 879 | 934 |
| Brazil ....... |  |  |  |  |  |  | 679 | 734 | 904 | 1,165 | 1,421 | 1,764 | 1,959 | 1,665 | 1,906 |
| Chile. |  |  |  |  |  |  | 332 | 362 | 415 | 427 | 519 | 537 | 569 | 810 | 862 |
| Mexico | 3,681 | 4,506 | 5,068 | 5,976 | 6,731 | 7,056 | 7,269 | 7,410 | 7,849 | 7,930 | 8,918 | 9,830 | 9,816 | 9.405 | 10,986 |
| Venezuela | 480 | 526 | 619 | 487 | 659 | 584 | 633 | 714 | 761 | 701 | 767 | 705 | 736 | 657 | 590 |
| Other ...................................................... |  |  |  |  |  |  | 4,077 | 3,899 | 4,352 | 4,708 | 5,308 | 5,452 | 5,787 | 6,791 | 6,814 |
| Other Western Hemisphere ................................. | 5,488 | 5,892 | 5,407 | 5,659 | 5,905 | 6,348 | 6,690 | 7,005 | 7,933 | 8,750 | 9,244 | 10,656 | 12,745 | 11,830 | 15,293 |
| Bermuda................................................. |  |  |  |  |  |  | 1,522 | 1,278 | 1,832 | 2,713 | 2,867 | 3,632 | 4.850 | 4,755 | 7,408 |
| Other ...... |  |  |  |  |  |  | 5,167 | 5,727 | 6,100 | 6,036 | 6,377 | 7,023 | 7,893 | 7,075 | 7,886 |
| Africa, Middle East, and Asia and Pacific | 19,371 | 21,999 | 23,617 | 24,232 | 27,976 | 29,285 | 29,120 | 31,789 | 35,300 | 38,542 | 41,580 | 44,633 | 46,524 | 52,327 | 57,361 |
| Africa .................... |  |  |  |  |  |  | 1,472 | 1,527 | 1,911 | 1,947 | 2,380 | 2,550 | 2,532 | 2,607 | 2,736 |
| South Africa .............................................. |  |  |  |  |  |  | 199 | 228 | 294 | 398 | 543 | 726 | 857 | 833 | 799 |
| Other ...................................................... |  |  |  |  |  |  | 1,276 | 1,298 | 1,616 | 1,548 | 1,837 | 1,827 | 1,676 | 1,774 | 1,937 |
| Middle East |  |  |  |  |  |  | 2,053 | 2,172 | 2,240 | 2,663 | 3,152 | 3,224 | 3,673 | 3,875 | 3,320 |
| Israel ...................................................... |  |  |  |  |  |  | 1.016 | 1,068 | 1,192 | 1,171 | 1,369 | 1,505 | 1,431 | 1,635 | 1,576 |
| Saudi Arabia |  |  |  | ............. |  | .............. | 337 | 339 | 307 | 559 | 437 | 576 | 857 | 872 | 727 |
| Other .......... |  |  |  |  |  |  | 698 | 764 | 740 | 936 | 1,346 | 1,142 | 1,383 | 1,365 | 1.014 |
| Asia and Pacific |  |  |  |  |  |  | 25,595 | 28,090 | 31,148 | 33.933 | 36,048 | 38,860 | 40,319 | 45,845 | 51,305 |
| Australia | 1,163 | 1.495 | 1.644 | 1,748 | 2,290 | 2,386 | 2.215 | 2,163 | 1,929 | 2.142 | 2,573 | 2,675 | 3,311 | 3,129 | 3,263 |
| China |  |  | ............. | ............. |  |  | 1,044 | 1,303 | 1,459 | 1,674 | 1,936 | 2,205 | 2,294 | 2,743 | 2,847 |
| Hong Kong ............................................... |  |  |  |  |  |  | 1,420 | 1,336 | 1,881 | 1,901 | 2,920 | 3,038 | 3.242 | 3,837 | 4,108 |
| India .... |  |  |  |  |  |  | 636 | 687 | 760 | 851 | 1,093 | 1,223 | 1,541 | 1,491 | 1,832 |
| Indonesia |  |  |  |  |  |  | 440 | 428 | 438 | 443 | 550 | 547 | 304 | 370 | 401 |
| Japan. | 6,662 | 7,527 | 8,396 | 8,927 | 10,529 | 11,772 | 10,607 | 11,785 | 12,584 | 13.463 | 12,907 | 13,566 | 13,360 | 15,672 | 17,249 |
| Korea, Repubtic of..................................... |  | 7,527 | ......... | . |  |  | 2,041 | 2,343 | 2,796 | 3,581 | 4,124 | 4.540 | 4,152 | 4,288 | 4,188 |
| Malaysia ...... |  |  | ............. | ............. |  | .............. | 265 | 299 | 355 | 451 | 456 | 532 | 371 | 337 | 363 |
| New Zealand... |  |  |  |  |  |  | 525 | 538 | 567 | 601 | 661 | 695 | 941 | 1,101 | 1,218 |
| Philippines... |  |  |  |  |  |  | 785 | 851 | 1,036 | 1.121 | 1,361 | 1,456 | 1,247 | 1,160 | 1,517 |
| Singapore |  |  |  |  |  |  | 684 | 938 | 1,155 | 1,232 | 1,817 | 2,094 | 1,854 | 2,198 | 2,212 |
| Taiwan. |  |  |  |  |  |  | 1.978 | 2,381 | 2,649 | 2,856 | 2,702 | 3,362 | 2,901 | 3,459 | 3,676 |
| Thailand. |  |  |  |  |  |  | 389 | 377 | 475 | 677 | 802 | 758 | 792 | 916 | 917 |
| Other ...................................................... |  |  |  | ....... |  |  | 2.569 | 2,659 | 3,062 | 2,944 | 2,148 | 2.165 | 4,002 | 5,144 | 7.502 |
| International organizations and unaliocated.. | 1,907 | 1,815 | 2,521 | 2,573 | 2,646 | 2,069 | 2,726 | 1,926 | 1,889 | 2,119 | 2,266 | 1,902 | 2,356 | 1,781 | 2,866 |
| Addenda: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| European Union ${ }^{2}$... | 20,412 | 23,961 | 25.813 | 28,057 | 33,394 | 32,924 | 32,960 | 36,680 | 40,238 | 45,301 | 45,486 | 52,846 | 60,555 | 61,944 | 74,693 |
| Eastern Europe ${ }^{3}$.... | 345 | 477 | 508 | 582 | 797 | 1,052 | 1.596 | 1,513 | 1,965 | 2,171 | 2,346 | 2,147 | 2,554 | 2,366 | 2,392 |

1. Prior to 1990, this line includes data only for the Federal Republic of Germany. Beginning in 1990, this line also includes the former German Democratic Republic.
2. The European Union comprises Belgium, Denmark, France, Germany, Greece, Ireland, Italy, Luxembourg, the Union on January 1, 1995. The estimates prior to 1995 do not reflect the addition of these three countries
3. Eastern Europe comprises Albania, Armenia, Azerbaijan, Belarus, Bulgaria, Czech Republic, Estonia, , Lalvia, Lithuania, Moldova, Poland, Romania, Russia, Slovakia, Taikstan Turkmenistan Ukraine and Uzbekistan.

Nore.-The full country and area detail shown in the stub is available only since 1992.

Table 3.1.-Travel, Passenger Fares, and Other Transportation, 1997
[Millions of dollars]

|  | Receipts |  |  |  |  |  |  |  |  |  |  | Payments |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Travel | Passenger fares | Other transportation |  |  |  |  |  |  |  |  | Travel | Passenger fares | Other transportation |  |  |  |  |  |  |  |  |
|  |  |  | Total | Freight |  |  |  | Port services |  |  |  |  |  | Total | Freight |  |  |  | Port services |  |  |  |
|  |  |  |  | Total | Ocean | Air | Other | Total | Ocean | Air | Other |  |  |  | Total | Ocean | Air | Other | Total | Ocean | Air | Other |
| All countries . | 73,426 | 20,868 | 27,006 | 11,789 | 4,575 | 4,608 | 2,610 | 15,217 | 7,659 | 7,404 | 154 | 52,051 | 18,138 | 28,959 | 17,654 | 11,904 | 3,543 | 2,207 | 11,305 | 2,187 | 9,034 | 84 |
| Canada. | 6,945 | 1,361 | 2,414 | 1,905 | 54 | 69 | 1,782 | 509 | 68 | 287 | 154 | 4,904 | 470 | 3,037 | 2,415 | 131 | 80 | 2,204 | 622 | 165 | 373 | 84 |
| Europe | 23,314 | 6,822 | 8,224 | 3,003 | 1,455 | 1,443 | 105 | 5,221 | 2,901 | 2,320 |  | 17,866 | 9,081 | 10,566 | 6,340 | 5,031 | 1,309 | .......... | 4,226 | 660 | 3,566 |  |
| Beigium-Luxembourg. | 514 | 294 | 355 | 304 | 226 | 72 | 6 | 51 | 24 | 27 |  | 236 | 221 | 454 | 132 | 58 | 74 | .......... | 322 | 111 | 211 | .......... |
| France ..................... | 2,496 | 932 | 580 | 266 | 54 | 205 | 7 | 314 | 23 | 291 |  | 2,751 | 611 | 687 | 226 | 66 | 160 | ...... | 461 | 46 | 415 | .......... |
| Germany.. | 4,146 | 1,370 | 964 | 411 | 156 | 240 | 15 | 553 | 460 | 93 |  | 1,984 | 1,225 | 1,748 | 924 | 639 | 285 |  | 824 | 107 | 717 | .......... |
| Italy ........................................ | 1,647 | 613 | 349 | 126 | 51 | 70 | 5 | 223 | 102 | 121 |  | 2,109 | 441 | 468 | 337 | 271 | 66 |  | 131 | 25 | 106 | .......... |
| Netherlands .............................. | 972 | 188 | 766 | 386 | 253 | 99 | 34 | 380 | 61 | 319 |  | 670 | 865 | 708 | 283 | 123 | 160 | .......... | 425 | 118 | 307 |  |
| Norway.................................... | 405 | 339 | 360 182 | 21 98 | 14 <br> 52 | $\begin{array}{r}7 \\ 46 \\ \hline\end{array}$ |  | 339 84 | 339 | 84 |  | 235 <br> 832 | 36 136 | 881 105 | 876 41 | 876 2 | 39 | ......... | 5 64 | 5 | 44 | .......... |
| Sweden .. | 665 | 183 | 300 | 59 | 23 | 36 |  | 241 | 135 | 106 |  | 171 | 49 | 253 | 244 | 204 | 40 |  | 9 | 9 |  |  |
| Switzerland................................ | 1,124 | 219 | 228 | 64 | 18 | 46 |  | 164 |  | 164 |  | 655 | 590 | 138 | 111 |  | 111 |  | 27 |  | 27 | ……... |
| United Kingdom ........................ | 7.102 | 2,199 | 1,726 | 688 | 182 | 494 | 12 | 1,038 | 312 | 726 |  | 4,703 | 3,212 | 2,205 | 786 | 474 | 312 |  | 1,419 | 111 | 1,308 | .......... |
| Other ...................................... | 3,279 | 485 | 2,414 | 580 | 426 | 128 | 26 | 1,834 | 1,445 | 389 |  | 3,520 | 1,695 | 2,919 | 2,380 | 2,318 | 62 |  | 539 | 108 | 431 | .......... |
| Latin America and Other Western Hemisphere | 18,123 | 4,713 | 3,657 | 2,041 | 725 | 1,013 | 307 | 1,616 | 347 | 1,269 |  | 15,375 | 2,781 | 2,464 | 761 | 591 | 167 | 3 | 1,703 | 566 | 1,137 |  |
| South and Central America............................ | 15,453 | 4,162 | 3,103 | 1,817 | 591 | 960 | 269 | 1,286 | 233 | 1,053 |  | 11,038 | 2,209 | 1,747 | 479 | 317 | 159 | 3 | 1,268 | 450 | , 818 | .......... |
| Argentina.............................. | 1,536 | 634 | , 202 | 113 | 49 | 64 |  | -89 | 2 | 87 |  | 443 | 143 | 28 | 10 | 3 | 7 |  | 18 | 18 |  | .......... |
| Brazil ............................................ | 3,021 | 841 | 623 | 330 | 111 | 219 |  | 293 | 10 | 283 |  | 615 | 462 | 121 | 58 | 11 | 47 | ... | 63 | 43 | 20 | .......... |
| Chile... | 549 | 193 | 196 | 62 | 35 | 27 |  | 134 | 50 | 84 |  | 232 | 92 | 117 | 105 | 56 | 49 |  | 12 | 12 |  | .......... |
| Mexico ..................................... | 3,438 | 859 | 567 | 239 | 96 | 95 | 48 | 328 | 75 | 253 |  | 6,480 | 777 | 800 | 118 | 104 | 11 | 3 | 682 | 123 | 559 |  |
| Venezuela ............................. | 1,440 | 291 | 201 | 165 | 64 | 93 | 8 | 36 | 20 | 16 |  | 281 | 104 | 182 | 51 | 51 |  |  | 131 | 126 | 5 | .......... |
| Other ................................... | 5,469 | 1,344 | 1,314 | 908 | 236 | 462 | 213 | 406 | 76 | 330 |  | 2,987 | 631 | 499 | 137 | 92 | 45 | .......... | 362 | 128 | 234 | .......... |
| Other Western Hemisphere .......... | 2,670 | 551 | 554 | 224 | 134 | 53 | 38 | 330 | 114 | 216 |  | 4,337 | 572 | 717 | 282 | 274 | 8 | .......... | 435 | 116 | 319 | ... |
| Bermuda. <br> Other | 2,654 | 7 544 | 4 550 | 220 | 134 | 49 | 38 | 330 | 114 | 216 |  | 411 3,926 | 572 | 717 | 282 | 274 | 8 |  | 435 | 116 | 319 | ... |
| Africa | 1,054 | 65 | 389 | 190 | 152 | 29 | 9 | 199 | 44 | 155 |  | 1,269 | 435 | 147 | 53 | 41 | 12 |  | 94 | 75 | 19 |  |
| South Africa ............................. | 370 |  | 132 | 16 | 148 | 3 | 9 | 116 | ${ }^{6}$ | 110 |  | 272 | 239 | 29 | 22 | 14 | 8 | ... | 7 | 2 | 5 | .......... |
| Other ....................................... | 684 | 65 | 257 | 174 | 148 | 26 |  | 83 | 38 | 45 |  | 997 | 196 | 118 | 31 | 27 | 4 |  | 87 | 73 | 14 | - |
| Middle East................................ | 2,316 | 509 | 1,023 | 507 | 430 | 77 | .......... | 516 | 157 | 359 |  | 1,164 | 399 | 599 | 347 | 228 | 119 |  | 252 | 82 | 170 | .......... |
| Israel.................................... | 822 | 290 | 287 | 162 | 162 |  | .......... | 125 | .......... | 125 |  | 493 | 253 | 283 | 80 | .......... | 80 | ... | 203 | 57 | 146 | .......... |
| Saudi Arabia ............................ | 558 | 11 | 125 | 87 | 57 | 30 |  | 38 |  | 38 |  | 270 | 75 | 51 | 23 |  | 23 | ... | 28 | 12 | 16 | ... |
| Other ....................................... | 936 | 208 | 611 | 258 | 211 | 47 | ...... | 353 | 157 | 196 |  | 401 | 71 | 265 | 244 | 228 | 16 |  | 21 | 13 | 8 |  |
| Asia and Pacific............................ | 21,674 | 7,398 | 10,750 | 4,129 | 1,745 | 1,977 | 407 | 6,621 | 3,607 | 3,014 |  | 11,473 | 4,972 | 11,053 | 6,645 | 4,789 | 1,856 |  | 4,408 | 639 | 3,769 |  |
| Australia .............................................. | 1,839 1 | 621 | , 307 | 168 | 1,74 | 119 | 45 | . 139 | 23 | 116 |  | 997 | 546 | 230 | 63 | 36 | 27 |  | 167 | 1 | 166 | . |
| China ................................................... | 1,101 | 142 | 565 | 209 | 120 | 89 |  | 356 | 173 | 183 |  | 918 | 149 | 636 | 516 | 253 | 263 |  | 120 | 5 | 115 | .... |
| Hong Korg ......................................... | 741 | 471 | 509 | 432 | 157 | 275 |  | 77 | 75 | 2 |  | 948 | 421 | 587 | 165 | 162 | 3 |  | 422 | 51 | 371 | ... |
| India,..................................... | 634 | 50 | 167 | 140 | 128 | 12 |  | 27 | 5. | 22 |  | 602 | 135 | 65 | 22 | 14 | 8 |  | 43 | 43 |  |  |
| Indonesia ............................................. | 392 | 24 | 91 | 50 | 35 | 15 |  | 41 |  | 38 |  | 296 | 766 | 22 | 14 | ${ }^{1} 8$ | ${ }^{6}$ | …....... | 813 | 8 |  | $\cdots$ |
| Japan ..................................... | 11,068 | 5,442 | 3,230 | 1,290 | 470 | 725 | 95 | 1,940 | 1,113 | 827 |  | 3,036 | 757 | 4,182 | 2,045 | 1,467 | 578 | .......... | 2,137 | 165 | 1,972 |  |
| Korea. | 2,056 | 132 | 2,040 | 340 | 231 | 109 |  | 1,700 | 809 | 891 |  | 1,207 | 1,083 | 1,762 | 1,502 | 945 | 557 | .......... | 260 | 114 | 146 | .......... |
| Malaysia ................................ | 268 |  | 162 | 126 | 25 | 101 |  | 36 | 3 | 33 |  | 228 | 75 | 24 | 20 | 7 | 13 | .......... | 4 | 4 | 0 | .......... |
| New Zealand............................. | 616 585 | 108 | 178 | -25 | 61 | 11 | 14 | 153 |  | 153 |  | 254 | 217 | 80 | 23 |  | 23 | .......... | 57 | 1 | 56 | .... |
| Philippines ............................... | 585 | 84 | 253 | 136 | 61 | 75 | ......... | 117 | 23 | 94 |  | 736 | 268 | 128 | 59 | 36 519 | 23 | .......... | 69 157 | 8 | 61 | .......... |
| Singapore................................ | 383 | 77 114 | -684 | 272 | 57 | 215 | ......... | + 412 | , 264 | 148 |  | 559 780 | 249 678 | 811 1.528 | 6554 | 519 | 135 | .......... | 157 | 10 | 147 | .......... |
| Thailand .................................. | 1,287 | 15 | 1,491 | $\stackrel{96}{ }$ | 36 | 60 |  | 1,223 | 1,074 | 42 |  | 392 | 111 | - 52 | 1,368 | 1,203 | 16 |  | 27 | 5 | 22 | .......... |
| Other .......................................... | 355 | 118 | 931 | 577 | 320 | 4 | 253 | 354 | 36 | 318 |  | 520 | 217 | 946 | 169 | 131 | 38 | .... | 777 | 174 | 603 | …......... |
| International organizations and unallocated. | .......... |  | 549 | 14 | 14 |  |  | 535 | 535 |  |  |  | ....... | 1,093 | 1,093 | 1,093 |  |  |  |  |  | .... |
| Addenda: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| European Union ${ }^{1}$.............................. Eastern Europe | $\left.\begin{array}{r} 20,273 \\ 1,249 \end{array} \right\rvert\,$ | $\begin{array}{r} 6,431 \\ 144 \end{array}$ | 6,487 434 | $\begin{array}{r} 2,571 \\ 291 \end{array}$ | $\begin{array}{r} 1,132 \\ 249 \end{array}$ | $\begin{array}{r} 1,350 \\ 32 \end{array}$ | 89 10 | 3,916 143 | 1.873 73 | 2,043 70 | ............ | $\begin{array}{r} 15.118 \\ 946 \end{array}$ | $\begin{array}{r} 7,956 \\ 317 \end{array}$ | $\begin{array}{r} 8,144 \\ 279 \end{array}$ | 4,238 | 3,063 167 | 1,175 11 | ............. | 3,906 101 | 574 58 | $\begin{array}{r} 3,332 \\ 43 \end{array}$ | ............. |

1. See table 2, footnote 2.

Table 3.2.-Travel, Passenger Fares, and Other Transportation, 1998

|  | Receipts |  |  |  |  |  |  |  |  |  |  | Payments |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Travel | $\begin{gathered} \text { Pas- } \\ \text { senger } \\ \text { fares } \end{gathered}$ | Other transportation |  |  |  |  |  |  |  |  | Travel | $\left\|\begin{array}{c} \text { Pas- } \\ \text { senger } \\ \text { fares } \end{array}\right\|$ | Other transportation |  |  |  |  |  |  |  |  |
|  |  |  | Total | Freight |  |  |  | Port services |  |  |  |  |  | Total | Freight |  |  |  | Port services |  |  |  |
|  |  |  |  | Total | Ocean | Air | Other | Total | Ocean | Air | Other |  |  |  | Total | Ocean | Air | Other | Total | Ocean | Air | Other |
| All countries. | 71,286$\mathbf{6 , 2 0 6}$24,1124872,3484,1551,9079224289616751,1467,6003,483 | $\left.\begin{array}{r} 20,098 \\ 1,478 \end{array} \right\rvert\,$ | $25,604$ | 11,048 | $\left.\begin{array}{r} 3,783 \\ 59 \end{array} \right\rvert\,$ | $\begin{array}{r} 4,758 \\ 71 \end{array}$ | $2,505$ | 14,557 | $7,145$ | $7,253$ | $160$ | $\mid 56,509$ | 19,971 | 30,363 | $\|19,412\|$ | 13,652 | $\begin{array}{r} 3,624 \\ 56 \end{array}$ | $2,136$ | $10,950$ | $\begin{array}{r} 1,930 \\ 158 \end{array}$ | $8,935$ | 86 |
| Canada. |  |  |  |  |  |  |  |  |  |  |  |  | 587 | 2,910 |  |  |  |  |  |  |  | 86 |
| Europa |  | 7,024 | 8,827 | 3,037 | 1,361 | 1,578 | 98 | 5,790 | 2,693 | 3,097 | .......... | 20,481 | 10,554 | 11,323 | 6.929 | 5,434 | 1,495 | .... | 4,394 | 648 | 3,746 |  |
|  |  | ${ }_{993}^{262}$ | ${ }^{423} 8$ | 307 <br> 290 | $\begin{array}{r}222 \\ 52 \\ \hline\end{array}$ | 79 |  | 116 603 |  | 570 |  | 2,997 | 297 | 758 | 157 | 81 92 | $\begin{array}{r}76 \\ 165 \\ \hline\end{array}$ |  | $\begin{array}{r}356 \\ 501 \\ \hline\end{array}$ | $\begin{array}{r}118 \\ 43 \\ \hline\end{array}$ | ${ }_{458}^{238}$ |  |
| Germany ........................ |  | 1,341 | 1,153 | 394 | 135 | 245 | 14 | 759 | 587 | 172 |  | 2,063 | 1,454 | 1,873 | 1,186 | 892 | 294 |  | 687 | 102 | 585 | $\cdots$ |
| Italy ..................................... |  | 651 | 411 | 126 | 47 | 75 | 4 | 285 | 66 | 219 |  | 2,446 | 389 | 547 | 445 | 377 | 68 |  | 102 | 13 | 89 | .......... |
| Netherlands .............................. |  | 217 | 1,046 | 420 | 269 | 119 | 32 | 626 | 73 | 553 | ......... | 756 | 910 | 797 | 336 | 171 | 165 | .... | 461 | 130 | 331 | ...... |
| Norway................................ |  | 18 386 | 228 231 | 28 139 | 16 76 | 12 63 | -.... | 200 92 | 200 | 90 |  | 1,138 | 172 | 349 <br> 116 | 346 35 | 34 7 | 28 |  | 81 | 27 | 54 | .......... |
| Sweden..... |  | 263 | 220 | 69 | 22 | 47 | --.... | 151 | 62 | 89 | .... | 209 | 48 | 171 | 161 | 124 | 37 | ..... | 10 | 10 |  | ...... |
| Switzerland..... |  | 180 | 278 | 61 |  | 61 |  | 217 | 52 | 165 | .......... | 755 | 701 | 224 | 205 | 97 | 108 | .......... | 19 |  | 19 | .......... |
| United Kingdom ................ |  | 2,258 | 1,742 | 747 | 203 | 534 | 10 |  | 217 |  |  | 5,142 | 3,896 | 2,397 |  |  | 355 |  | 1,633 | 111 | 1,522 | . |
| Other ................................ |  | 455 | 2,202 | 456 | 319 | 112 | 25 | 1,746 | 1,361 | 385 |  | 4,368 | 1,926 | 3,578 | 3,037 | 2,838 | 199 | ...... | 541 | 91 |  | ......... |
| Latin America and Other Western Hemisphere ...................... | 19,498 | 5,600 | 3,282 | 1,896 | 479 | 1,125 | 292 | 1,386 | 237 |  |  | 15,725 | 2,894 | 2,351 | 647 | 475 | 168 | 4 | 1,704 | 337 |  |  |
| South and Centra America............. | 19,498 | 5,600 | 3,202 | 1,096 |  | , 125 | 292 |  | 171 | 1.19 |  | 11, 671 | 2,084 |  | ${ }_{471}$ | 407 |  | 4 |  |  | 1,367 |  |
| South and central America........... Argentina................... | - | 4,927 | ${ }^{2} 191$ | 1,106 | 28 | 1, 78 |  | 1,195 | 1 | 1,019 |  | 11,679 | 2,124 | -13 | 7 | 307 | 16 | 4 | 1,35 | 296 | 1,055 | -.... |
| Brazil.................. | 2,753 | 1,071 | 542 | 287 | 45 | 242 |  | 255 | 10 | 245 |  | 912 | 405 | 86 | 40 | 18 | 22 |  | 46 | 22 | 24 | $\ldots$ |
| Chile.... | 552 | 181 | 153 | 54 | 17 | 37 |  | 99 | 27 | 72 | $\cdots$ | 281 | 87 | 89 | 75 | 42 | 33 |  | 14 | 5 | ${ }_{7} 9$ |  |
| Mexico | 3,818 | 958 | 549 | 205 | 48 | 104 | 5 | 347 | 86 | 258 |  | 6,396 | 809 | 958 | 111 | 101 | 6 | 4 | 847 | 71 | 776 |  |
| Venezuela ... | -1,592 | 1,741 | 1.282 | 155 912 | 33 237 | 1881 | 194 | 370 | 28 | 342 |  | $\begin{array}{r}383 \\ 3.230 \\ \hline\end{array}$ | 122 687 | 82 594 | 205 | 33 113 | 92 | $\cdots$ | $\begin{array}{r}49 \\ 389 \\ \hline\end{array}$ | 75 147 |  | -....... |
| Other Western Hemisphere | 2,688 | 699 | 373 | 177 | 71 | 70 | 36 | 196 | 66 | 130 |  | 4,054 | 660 | 529 | 176 | 168 | 8 |  | 353 | 41 | 312 | ......... |
| Bethuda............................ | 2,670 | 692 | 365 | 169 | 71 | 62 | 36 | 196 | 66 | 130 |  | 3,698 | 660 | 529 | 176 | 168 | - |  | 353 | 41 | 312 | ......... |
| Atrica | 1,183 | 31 | 491 | 208 | 155 | 34 | 19 | 283 | 39 | 244 |  | 1,185 | 484 | 165 |  |  | 16 |  | 82 | 71 | 11 | ....... |
| Other .............................. | 797 | 31 | 414 | 190 | 150 | 29 | 11 | 224 | 32 | 192 |  | 823 | 211 | 129 | 54 | 46 | 8 |  | 75 | 69 | 6 | $\ldots$ |
| Middie East........... | 2,403 | 626 | 1,016 | 527 | 449 | 78 | $\cdots$ | 489 | 131 | 358 |  | 1,510 | 441 | 503 | 335 | 238 | 97 |  | 168 |  |  |  |
|  | 809 | 412 | 297 | 172 | 142 | 30 | .......... | 125 |  | 125 |  | 428 | 328 | 187 | 77 |  | 77 |  | 110 | 52 | 58 |  |
| Saudi Arabia ............................. | -542 | 19 | 124 | ${ }^{86}$ | 68 | 18 | .... | 38 |  | 38 |  | 472 | 77 | 27 | 20 |  | 20 |  |  | 1 |  | ........ |
| Other ...................................... | 1,052 | 195 | 595 | 269 | 239 | 30 |  | 326 | 131 | 195 |  | 610 | 36 | 289 | 238 | 238 |  |  | 51 | 43 | 8 | .......... |
| Asia and Pacific... | 17,884 | 5,339 | 9,103 | 3,506 | 1,264 | 1,872 | 370 | 5,597 | 3,455 | 2,142 |  | 11,890 | 5,011 | 11,727 | 7,749 | 5,957 | 1,792 |  | 3,978 | 620 | 3,358 | .......... |
| Australia. | 1,562 | 548 | 282 | 163 |  | 113 | 42. | 119 | 20 |  |  | 1,201 | 587 | 214 | 64 | 37 | 27 |  | 150 |  | 145 |  |
| China....... | 1,140 | 383 | 5163 | ${ }_{447}$ |  | 293 | $\ldots$ | 310 16 | 15 16 | 195 |  | 1,189 | 139 | 604 | 482 217 | 262 215 |  |  | ${ }_{387}$ | 62 40 | 163 |  |
| India ..................................... | 779 | 57 | 132 | 107 | 92 | 15 | .... | 25 | 3 | 22 | ........ | 812 | 133 | 56 | 23 | 13 | 10 | ........ | ${ }^{33}$ | 28 | 5 | ..... |
| Indonesia ...................... |  | 109 |  |  | 53 |  |  |  |  |  |  | 139 | 10 | 35 |  |  |  | ... | 26 | 26 |  | .... |
| Japan. | 9,424 | 3,616 | 2,819 | 1,048 | 319 | 640 | 89 | 1,771 | 1,093 | 678 |  | 2,719 | 784 | 4,219 | 2,425 | 1,927 | 498 |  | 1,794 | 135 | 1,659 |  |
|  | 991 | 44 | 1,231 | 206 106 | 146 24 |  |  | 1,025 | 564 | 46 |  | 1,175 | 1,141 | 1,403 |  | 840 14 |  |  |  |  | 43 | ....... |
| New Zealand.. | 488 | 79 | 187 | 20 |  | 7 | 13 | 167 |  | 167 | ...... | 391 | 293 | 75 | 22 | 1 | 22 | - | 53 | 2 | 51 | $\cdots$ |
| Prilippines .... | 469 | 92 | 179 | 103 | 36 | 67 |  | 76 | 26 | 50 |  | 658 | 160 | 109 | 55 | 37 | 18 |  | 54 | 10 | 44 | .......... |
| Singapore.....-*) - | 299 | 64 | 456 | 221 | 54 | 167 |  | 235 | 91 | 144 |  | 539 | 183 | 572 | 442 | 323 | 119 |  | 130 | 10 | 120 | .... |
|  | 1,035 | 80 | 985 | 259 | 104 | 155 |  | 726 | 582 | 144 |  | 797 | 656 | 1,070 | 938 | 778 | 160 |  | ${ }^{132}$ | 42 | 90 |  |
| Other............................................ | 391 | 95 | 1,531 | 493 | 140 | 127 | 226 | 1,038 | 936 | 102 | …....... | 741 | 259 | 2,560 | 1,714 | 1,499 | 215 |  | 346 846 | 177 | 622 | ......... |
| International organizations and unallocated |  |  | 568 | 16 | 16 |  |  | 552 | 552 |  |  |  |  | 1,384 | 1,384 | 1,384 |  |  |  |  |  |  |
| Addenda: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| European Union ${ }^{1}$ <br> Eastern Europe ${ }^{2}$. $\qquad$ | $\left.\begin{array}{r} 20,963 \\ 1,257 \end{array} \right\rvert\,$ | $6,646$ | $\begin{array}{r} 7,406 \\ 270 \end{array}$ | $\begin{array}{r} 2,722 \\ 166 \end{array}$ | $\begin{array}{r} 1.167 \\ 124 \end{array}$ | $\left.\begin{array}{r} 1,471 \\ 32 \end{array} \right\rvert\,$ | $\begin{aligned} & 84 \\ & 10 \end{aligned}$ | $4,684$ | $\begin{array}{r} 1,863 \\ 36 \end{array}$ | $\begin{array}{r} 2,821 \\ 68 \end{array}$ |  | $\left\|\begin{array}{c} 17,261 \\ 1,326 \end{array}\right\|$ | $\begin{aligned} & 9,135 \\ & 452 \end{aligned}$ | $\begin{array}{r} 8,969 \\ 219 \end{array}$ | $\begin{array}{r} 4,878 \\ 124 \end{array}$ | $\begin{array}{r} 3,615 \\ 110 \end{array}$ | $\begin{array}{r} 1,263 \\ 14 \end{array}$ |  | $4,091$ | $\begin{array}{r} 580 \\ 51 \end{array}$ | $\begin{aligned} & 3,511 \\ & 44 \end{aligned}$ | ........... |

Table 3.3.-Travel, Passenger Fares, and Other Transportation, 1999

|  | Receipts |  |  |  |  |  |  |  |  |  |  | Payments |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Travel | Passenger tares | Other transportation |  |  |  |  |  |  |  |  | Travel | Passenger fares | Other transportation |  |  |  |  |  |  |  |  |
|  |  |  | Total | Freight |  |  |  | Port services |  |  |  |  |  | Total | Freight |  |  |  | Port services |  |  |  |
|  |  |  |  | Total | Ocean | Air | Other | Total | Ocean | Air | Other |  |  |  | Total | Ocean | Air | Other | Total | Ocean | Air | Other |
| All countries ...................... | 74,731 | 19,785 | 26,916 | 11,560 | 3,940 | 5,043 | 2,578 | 15,356 | 7,863 | 7,325 | 167 | 58,865 | 21,315 | 34,139 | 22,218 | 15,728 | 4,137 | 2,351 | 11,925 | 1,973 | 9,852 | 98 |
| Canada...................................... | 6,670 | 1,540 | 2,484 | 1,976 | 64 | 76 | 1,836 | 508 | 65 | 276 | 167 | 6,135 | 712 | 3,226 | 2,512 | 103 | 62 | 2,347 | 714 | 170 | 446 | 98 |
| Europe | 25,971 | 7,092 | 8,405 | 3,094 | 1,304 | 1,698 | 92 | 5,311 | 2,370 | 2,941 |  | 21,066 | 11,023 | 11,410 | 6,746 | 5,133 | 1,613 |  | 4,664 | 601 | 4,063 |  |
| Belgium-Luxembourg..................... | 562 | , 232 | 470 | 293 | 205 | 83 | 5 | 177 | 38 | 139 | .......... | 409 | 272 | - 522 | -174 | 74 | 100 | ............. | 348 | 90 | 258 | .... |
| France .................................... | 2,330 | 1,002 | 582 | 299 | 51 | 242 | 6 | 283 | 22 | 261 |  | 3.121 | 791 | 765 | 243 | 85 | 158 |  | 522 | 37 | 485 | ... |
| Germany ................................................. | 4,398 | 1,287 | 1,484 | 393 | 132 | 248 | 13 | 1,091 | 487 | 604 |  | 2.224 | 1,688 | 1,786 | 1,116 | 815 | 301 |  | 670 | 96 | 574 | .......... |
| Italy......... | 1.691 | 517 | 337 | 125 | 42 | 79 | 4 | 212 | 55 | 157 |  | 2.819 | 496 | 535 | 427 | 345 157 | 76 |  | 114 | 12 | 102 |  |
| Netherlands. | 1,216 | 352 | 694 | 442 | 279 | 133 | 30 | 252 | 62 | 190 |  | 791 | 753 | 837 | 333 | 157 | 176 |  | 504 | 131 | 373 |  |
| Norway ................................... | 439 | 82 | 193 | 21 | 9 | 12 |  | 172 | 172 |  |  | 193 | 39 | 367 | 361 | 361 |  |  | 6 | ${ }^{6}$ |  | .......... |
| Spain ....................................... | 1,043 | 310 | 245 | 134 | 74 | 60 | .......... | 111 | 52 | 109 | .......... | 1,134 | 288 91 | 124 | 37 184 | $\begin{array}{r}7 \\ 138 \\ \hline\end{array}$ | 30 | .... | 87 8 | 25 8 | 62 | .......... |
| Sweden ................................. | 674 1.252 8 | 259 169 | 199 | 63 61 | 25 | 38 | ........ | 136 <br> 205 | 53 | 83 160 | .......... | 215 783 | $\begin{array}{r}91 \\ 830 \\ \hline\end{array}$ | 192 | $\begin{array}{r}184 \\ 269 \\ \hline\end{array}$ | 138 | 46 167 | .......... | -85 | 8 | 25 | .......... |
| Switzerland....... | 1,252 | 2,535 | $\begin{array}{r}1,781 \\ \hline 1,\end{array}$ | 61 795 | 177 | $\begin{array}{r}61 \\ 608 \\ \hline\end{array}$ | 10 | 205 | 121 | 160 <br> 865 |  | $\begin{array}{r}783 \\ 5,502 \\ \hline\end{array}$ | 830 3,832 | 2,507 | 269 743 | 102 <br> 304 | 167 |  | 1,764 | 84 | 1,680 |  |
| Other ............................................ | 3,968 | -347 | 2,154 | 468 | 310 | 134 | 24 | 1,686 | 1,313 | 373 |  | 3,875 | 1,943 | 3,481 | 2,865 | 2,745 | 120 |  | 616 | 112 | 504 | .... |
| Latin America and Other Western Hemisphere | 19,801 | 5,466 | 3,411 | 1,830 | 450 | 1,100 | 280 | 1,581 | 341 | 1,240 |  | 16,650 | 3,038 | 2,607 | 762 | 582 | 176 | 4 | 1,845 | 285 | 1,560 |  |
| South and Central America.......... | 16,750 | 4,671 | 2,935 | 1,658 | 383 | 1,030 | 245 | 1,277 | 220 | 1,057 |  | 12,034 | 2,324 | 2,096 | 600 | 429 | 167 | 4 | 1,496 | 244 | 1,252 |  |
| Argentina............................. | 1,457 | 655 | 151 | 77 | 12 | 65 | .......... | 74 |  | 74 | ...... | 434 | 134 | 31 | 15 | 1 | 14 | .... | 16 | 2 | 14 | .......... |
| Brazil .................................. | 2,034 | 837 | 480 | 240 | 18 | 222 | .......... | 240 | 13 | 227 | .......... | 749 | 337 | 111 | 49 | 25 | 24 | .... | 62 | 6 | 56 | ......... |
| Chile................................... | 540 | 159 | 210 | 56 | 22 | 34 |  | 154 | 35 | 119 | .......... | 402 | 92 | 154 | 112 | 59 | 53 |  | 42 | 17 | 25 | ....... |
| Mexico | 4,114 | 961 | 690 | 321 | 51 | 213 | 57 | 369 | 109 | 260 |  | 5,805 | 957 | 1,070 | 151 | 140 | 7 | 4 | 919 | 50 | 869 |  |
| Venezuela | 1,697 | 275 | 159 | 116 | 25 | 82 | 9 | 43 | 26 | 17 |  | 270 | 106 | 105 | 46 | 46 |  |  | 59 | 47 | 12 | .......... |
| Other ................................. | 6,908 | 1,784 | 1,245 | 848 | 255 | 414 | 179 | 397 | 37 | 360 |  | 4,374 | 698 | 625 | 227 | 158 | 69 |  | 398 | 122 | 276 | .... |
| Other Western Hemisphere ......... | 3,051 17 3,03 | 795 9 | 476 | 172 5 | 67 | 70 5 | 35 | 304 | 121 | 183 |  | 4,616 419 | 714 | 511 | 162 | 153 | 9 | .... | 349 | 41 | 308 | .......... |
| Other | 3,034 | 786 | 471 | 167 | 67 | 65 | 35 | 304 | 121 | 183 |  | 4,197 | 714 | 511 | 162 | 153 | 9 |  | 349 | 41 | 308 | .... |
| Africa ........................................ | 1,317 | 51 | 419 | 191 | 143 | 29 | 19 | 228 | 52 | 176 |  | 1,150 | 487 | 216 | 112 | 98 | 14 |  | 104 | 91 | 13 | .... |
| South Africa .............................. | 386 | 9 | 98 | 22 | $\stackrel{8}{8}$ | ${ }^{6}$ | 8 | ${ }^{76}$ | 21 | 55 | .......... | 250 | 305 | 64 | 54 | 45 | 9 | .... | 10 | 4 | 6 | ..... |
| Other ....................................... | 931 | 42 | 321 | 169 | 135 | 23 | 11 | 152 | 31 | 121 |  | 900 | 182 | 152 | 58 | 53 | 5 | .......... | 94 | 87 | 7 | .......... |
| Middle East | 2,144 | 397 | 1,093 | 576 | 473 | 103 |  | 517 | 174 | 343 |  | 1,564 | 466 | 634 | 477 | 352 | 125 |  | 157 | 92 | 65 |  |
| \|srael ..................................... | 866 | 281 | 398 | 275 | 224 | 51 | .......... | 123 | ......... | 123 | .......... | 556 | 361 | 203 | 77 | .......... | 77 | ……... | 126 | 72 | 54 | ... |
| Saudi Arabia................................... | 583 695 | [33 | 131 564 | 85 216 | 72 177 | 13 39 | .......... | 46 348 | 174 | 46 174 | .......... | 519 489 | 72 33 | 31 400 | 20 | 352 | 20 | .......... | 11 20 | + ${ }^{8}$ | 3 | ... |
| Asia and Pacific. | 18,828 | 5,239 | 10,538 | 3,884 | 1,496 | 2,037 | 351 | 6,654 | 4,305 | 2,349 |  | 12,300 | 5,589 | 14,899 | 10,460 | 8,313 | 2,147 |  | 4,439 | 734 | 3,705 |  |
| Australia ............................................. | 1,735 | 520 | - 351 | 190 | 17 | 133 | 40 | 161 | - 7 | 154 |  | 1,294 | 633 | 197 | 1, 45 | - 16 | 29 |  | 152 | 3 | , 149 |  |
| China ..................................................... | 777 | 170 | 627 | 211 | 118 | 93 | .......... | 416 | 154 | 262 |  | 1,037 | 156 | 1,008 | 728 | 386 | 342 | .......... | 280 | 127 | 153 | .......... |
| Hong Kong .............................. | 698 | 267 | 512 | 490 | 170 | 320 | ...... | 22 | 21 | 1 | ...... | 1,177 | 602 | 789 | 318 | 316 | 2 | .... | 471 | 94 | 377 | .......... |
| India ...................................... | 861 | 34 | 144 | 110 | 91 | 19 | .......... | 34 | 3 | 31 | .......... | 737 | 114 | 69 | 26 | 19 | 7 | .... | 43 | 33 | 10 | .......... |
| Indonesia ................................ | 248 | 168 |  | 81 | 73 | 8 |  |  |  | 7 | .......... | 205 |  | 56 | 8 |  | 1 | .......... | 48 | 48 |  | ........ |
| Japan ..................................... | 9,711 | 3,585 | 3,082 | 1,133 | 355 | 693 | 85 | 1,949 | 1,184 | 765 | .......... | 2,845 | 860 | 4,986 | 2,937 | 2,362 | 575 | .......... | 2,049 | 151 | 1,898 | - |
| Korea.................................... | 1,251 | 20 | 1,477 | 294 | 178 | 116 |  | 1,183 | 754 | 429 | ......... | 1,147 | 1,131 | 1,551 | 1,422 | 1,237 | 185 | .......... | 129 | 90 | 39 | .......... |
| Malaysia ................................ | 206 | 11 | 170 | 125 | 41 | 84 |  | 45 | 9 | 36 | .......... | 128 | 74 | 43 | 35 | 21 | 14 | .......... | 8 | 8 |  | .......... |
| New Zeaiand. | 542 | 90 | 187 | 20 | 0 | 8 | 12 | 167 |  | 167 |  | 516 | 408 | 72 | 22 |  | 22 |  | 50 | 1 | 49 | .......... |
| Philippines ................................. | 579 | 103 | 225 | 129 | 56 | 73 |  | 96 | 35 | 61 |  | 536 | 228 | 151 | 76 | 54 | 22 |  | 75 | 25 | 50 | .......... |
| Singapore............................... | 349 | 55 | 640 | 334 | 98 | 236 |  | 306 | 121 | 185 |  | 575 | 206 | 778 | 634 | 475 | 159 |  | 144 | 27 | 117 | .......... |
| Taiwan ................................... | 1,189 | 95 | 1,244 | 300 | 109 | 191 | -......... | 944 | 778 | 166 |  | 805 | 721 | 1.552 | 1.384 | 1,145 | 239 |  | 168 | 31 | 137 | .......... |
| Thailand ........................................................ | 260 | 35 | 118 | 64 | 19 | 45 |  | 54 | 3 | 51 |  | 492 | 105 | 152 | 102 | 10 | 92 | .......... | 50 | 23 | 27 | .......... |
| Other | 422 | 86 | 1,673 | 403 | 171 | 18 | 214 | 1,270 | 1,236 | 34 |  | 812 | 359 | 3,495 | 2,723 | 2,265 | 458 |  | 772 | 73 | 699 | .......... |
| International organizations and unallocated |  | $\ldots$ | 566 | 10 | 10 |  | $\ldots$ | 556 | 556 |  |  | .... | ....... | 1,147 | 1,147 | 1,147 | .... |  |  |  | .... | ...... |
| Addenda: <br> European Union ${ }^{1}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| European Union ${ }^{1}$ $\qquad$ Eastern Europe ${ }^{\text {z }}$ $\qquad$ | $\begin{array}{r} 22,369 \\ 1,184 \end{array}$ | 6,700 78 | 7,053 340 | 2,763 210 | 1,083 | 1,600 24 | 80 8 | 4,290 130 | 1,643 45 | 2,647 85 | .............. | 18,219 1,157 | 9,557 365 | 9.284 229 | 4.956 119 | 3,550 100 | 1.406 19 | ..... | 4,328 110 | 506 75 | 3,822 35 | ............ |
| 1. See table 2, footnote 2. <br> 2. See table 2, footnote 3. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Table 3.4.-Travel, Passenger Fares, and Other Transportation, 2000
[Millions of dollars]

|  | Receipts |  |  |  |  |  |  |  |  |  |  | Payments |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Travel | Passenger fares | Other transportation |  |  |  |  |  |  |  |  | Travel | Passenger fares | Other transportation |  |  |  |  |  |  |  |  |
|  |  |  | Total | Freight |  |  |  | Port services |  |  |  |  |  | Total | Freight |  |  |  | Port services |  |  |  |
|  |  |  |  | Total | Ocean | Air | Other | Total | Ocean | Air | Other |  |  |  | Total | Ocean | Air | Other | Total | Ocean | Air | Other |
| All countries | 82,042 | 20,745 | 30,185 | 13,236 | 4,741 | 5,771 | 2,723 | 16,950 | 8,661 | 8,121 | 168 | 64,537 | 24,197 | 41,058 | 26,979 | 19,656 | 4,739 | 2,582 | 14,083 | 2,084 | 11,892 | 105 |
| Canada... | 7,055 | 1,713 | 2,703 | 2,167 | 138 | 86 | 1,943 | 536 | 49 | 319 | 168 | 6,367 | 827 | 3,578 | 2,763 | 132 | 57 | 2,574 | 815 | 205 | 505 | 105 |
| Europe ...................................... | 27,834 | 6,986 | 9,682 | 3,456 | 1,425 | 1,935 | 96 | 6,226 | 2,916 | 3,310 |  | 23,944 | 13,603 | 13.882 | 8,548 | 6,857 | 1,691 | ... | 5,334 | 648 | 4,686 | .......... |
| Belgium-Luxembourg................. | 506 | 188 | 504 | 339 | 234 | 100 | 5 | 165 | 48 | 117 |  | 350 | 349 | 631 | 198 | 94 | 104 | ........... | 433 | 102 | 331 | ........ |
| France ..................... | 2,637 | 1,016 | 637 | 350 | 54 | 289 | 7 | 287 | 28 | 259 |  | 3,634 | 1,183 | 938 | 273 | 107 | 166 |  | 665 | 41 | 624 | . |
| Germany.. | 4,035 | 1,090 | 1,906 | 454 | 144 | 297 | 13 | 1,452 | 612 | 840 |  | 2,678 | 1,924 | 2,198 | 1,352 | 1,036 | 316 | -......... | 846 | 109 | 737 | .... |
| Italy ...................................... | 1,590 | 485 | 354 | 143 | 44 | 95 | 4 | 211 | 69 | 142 |  | 2,907 | 685 | 663 | 518 | 438 | 80 | .......... | 145 | 13 | 132 | ........ |
| Netherlands.............................. | 1,288 | 404 | 764 | 499 | 308 | 160 | 31 | 265 | 77 | 188 | .......... | 745 | 968 | 1,012 | 384 | 199 | 185 | .......... | 628 | 148 | 480 | ........ |
| Norway................................... | - 387 | 22 | 193 | 21 | 97 | 12 |  | 172 | 172 |  |  | 149 | 37 | 374 | 361 | 361 |  |  | 13 | 13 |  |  |
| Spain.................................... | 1,094 | 236 | 228 | 117 64 | 57 | 60 | ......... | 111 | 53 | 109 | ......... | 1,471 | 347 | 115 | 37 | 138 | 30 |  | 78 | 16 | 62 | .......... |
| Switzerfand.. | 1,176 | 173 | 266 | 64 | 26 | 61 |  | 205 | 45 | 160 |  | 980 | 926 | 294 | 269 | 102 | -45 |  | -88 | 8 | 25 |  |
| United Kingdom ................................ | 9,957 | 2,751 | 1,914 | 863 | 170 | 681 | 12 | 1,051 | 151 | 900 | ......... | 6,368 | 4,746 | 2,647 | 851 | 391 | 460 | ... | 1,796 | 96 | 1,700 | .......... |
| Other ..................................... | 4,423 | 318 | 2,716 | 545 | 379 | 142 | 24 | 2,171 | 1,659 | 512 |  | 4,426 | 2,348 | 4,819 | 4,122 | 3.984 | 138 |  | 697 | 102 | 595 |  |
| Latin America and Other Western |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hemisphere ............................ | 21.909 | 5,958 | 3,456 | 1,958 | 471 | 1,191 | 296 | 1,498 | 318 | 1,180 | .......... | 17,977 | 3,046 | 3,232 | 974 | 777 | 189 | 8 | 2,258 | 248 | 2,010 | ... |
| South and Central America.......... | 18,782 | 5,119 | 2,964 | 1,738 | 366 11 | 1,112 | 260 | 1,226 | 243 | 983 | ......... | 13,165 | 2,298 | 2,599 | $\begin{array}{r}773 \\ 15 \\ \hline\end{array}$ | 584 | 181 14 | 8 | 1,826 14 | 201 | 1,625 14 | ..... |
| Argentina. | 1,411 2,230 | 665 919 | 150 | 76 239 | 11 | 65 |  | $\begin{array}{r}74 \\ 240 \\ \hline\end{array}$ | 13 | 74 227 |  | 507 986 | 140 | 29 | 15 49 | 25 | 14 |  | 14 <br> 59 | 0 | 14 |  |
| Brazil ................................................................... | $\begin{array}{r}2,230 \\ 576 \\ \hline\end{array}$ | 167 | 479 | 239 48 | 14 | 34 |  | $\begin{array}{r}240 \\ 154 \\ \hline\end{array}$ | 35 | 119 | .... | 426 | 391 9 | 145 | 112 | 59 | 53 |  | 33 | 8 | 25 |  |
| Mexico ............................... | 4.937 | 1,027 | 701 | 338 | 48 | 230 | 60 | 363 | 121 | 242 | ............ | 6,646 | 920 | 1,371 | 206 | 190 | 8 | 8 | 1,165 | 41 | 1,124 |  |
| Venezuela .............................. | 1,891 | 317 | 164 | 122 | 23 | 89 | 10 | 42 | 26 | 16 | ............ | 249 | 70 | 126 | 69 | 62 | 7 |  | 57 | 41 | 16 | ............ |
| Other | 7,737 | 2,024 | 1,268 | 915 | 253 | 472 | 190 | 353 | 48 | 305 |  | 4,351 | 689 | 820 | 322 | 247 | 75 |  | 498 | 108 | 390 |  |
| Other Western Hemisphere ......... | 3,127 | 839 | 492 | 220 | 105 | 79 | 36 | 272 | 75 | 197 | ......... | 4,812 | 748 | 633 | 201 | 193 | 8 |  | 432 | 47 | 385 | .... |
| Bermuda................................ | 17 | 10 | 4 | 5 |  | 7 |  |  |  |  | …...... | 430 |  |  |  |  |  | .......... |  |  |  | ..... |
| Other .................................. | 3,110 | 829 | 487 | 215 | 105 | 74 | 36 | 272 | 75 | 197 | ......... | 4,382 | 748 | 633 | 201 | 193 | 8 | .......... | 432 | 47 | 385 | .......... |
| Africa ........................................ | 1,443 | 69 | 602 | 374 | 326 | 29 | 19 | 228 | 51 | 177 | ......... | 1,359 | 453 | 248 | 112 | 98 | 14 |  | 136 | 123 | 13 | ..... |
| South Africa ............................. | . 429 | 11 | 129 | 17 | 5 | 4 | 8 | 112 | 18 | 94 | -........ | 269 | 255 | 63 | 53 | 44 | 9 |  | 10 | 5 | 5 | ..... |
| Other ...................................... | 1,014 | 58 | 473 | 357 | 321 | 25 | 11 | 116 | 33 | 83 |  | 1,090 | 198 | 185 | 59 | 54 | 5 |  | 126 | 118 | 8 | ... |
| Middie East................................ | 2,235 | 352 | 1,148 | 631 | 528 | 103 | ........... | 517 | 174 | 343 |  | 1,327 | 364 | 652 | 477 | 352 | 125 |  | 175 | 111 | 64 | ... |
| Israel ....................................................... | 873 | 241 | 433 | 310 | 259 | 51 | .... | 123 | ...... | 123 |  | 592 | 263 | 201 | 77 |  | 77 |  | 124 | 71 | 53 | .... |
| Saudi Arabia ............................ | 603 | 8 | 132 | 86 | 73 | 13 | .......... | 46 |  | 46 |  | 470 | 67 | 37 | 20 |  | 20 |  | 17 | 14 | 3 | ... |
| 0ther ............................................... | 759 | 103 | 583 | 235 | 196 | 39 | …......... | 348 | 174 | 174 |  | 265 | 34 | 414 | 380 | 352 | 28 |  | 34 | 26 | 8 |  |
| Asia and Pacific.......................... | 21,566 | 5,667 | 12,038 | 4,640 | 1,844 | 2,427 | 369 | 7,398 | 4,606 | 2,792 | ......... | 13,563 | 5,904 | 17,947 | 12,584 | 9,921 | 2,663 | .......... | 5,363 | 749 | 4,614 | ... |
| Australia .......................................... | 1,856 | 528 | 334 | 173 | 27 | 106 | 40 | 161 |  | 153 | ......... | 1,465 | 619 | 244 | 50 | 21 | 29 | ... | 194 | ${ }^{6}$ | 188 | .... |
| China..................................... | 1,120 | 304 | 647 | 231 | 137 | 94 | .......... | 416 | 154 | 262 | ......... | 1.163 | 147 | 1,025 | 728 | 386 | 342 | .......... | 297 | 144 | 153 | ........ |
| Hong Kong .............................. | 814 | 250 | 532 | 510 | 190 | 320 | .......... | 22 | 21 | 1 | -........ | 1,291 | 697 | 801 | 318 | 316 | 2 | .......... | 483 | 106 | 377 | .......... |
| India ....................................... | 1.112 | 35 | 180 | 146 | 127 | 19 | .......... | 34 | 3 | 31 | .......... | 850 | 112 | 80 | 26 | 19 | 7 | .......... | 54 | 44 | 10 | ... |
| Indonesia ................................ | 263 | 191 | 113 | 106 | 98 | 8 |  | 7 |  | 7 |  | 257 |  | 54 | 8 | 7 | 1 |  | 46 | 46 |  | .......... |
| Japan ...................................... | 10,238 | 3,773 | 3,508 | 1,370 | 430 | 852 | 88 | 2,138 | 1,276 | 862 |  | 2.872 | 938 | 5,738 | 3,366 | 2,711 | 655 |  | 2,372 | 154 | 2.218 | .......... |
| Korea....................................... | 2,216 | 64 | 1,548 | 365 | 249 | 116 |  | 1.183 | 754 | 429 |  | 1,067 | 1,130 | 1,549 | 1,422 | 1,237 | 185 |  | 127 | 89 | 38 |  |
| Malaysia ................................. | 242 | 13 | 181 | 136 | 52 | 84 |  | 45 | 9 | 36 | -....... | 120 | 96 | 46 | 35 | 21. | 14 | .......... | 11 | 11 |  | .......... |
| New Zealand............................. | 559 | 113 | 189 | 22 |  | 10 | 12 | 167 |  | 167 | ......... | 641 | 365 | 68 | 25 |  | 25 | .... | 43 | 0 | 43 | ... |
| Philippines .............................. | 739 | 93 | 259 | 163 | 90 | 73 | .......... | 96 | 35 | 61 | ......... | 792 | 358 | 156 | 76 | 54 | 22 | .... | 80 | 30 | 50 | .......... |
| Singapore................................ | 417 | 94 | ${ }^{6} 634$ | 328 | 92 | 236 | .......... | 306 | 121 | 185 | .......... | 669 | 192 | 781 | 635 | 475 | 160 | .......... | 146 | 29 | 117 | .... |
| Taiwan ................................... | 1,184 | 101 | 1,206 | 261 | 70 | 191 |  | 945 | 778 | 167 |  | 948 | 847 | 1,560 | 1,384 | 1,145 | 239 |  | 176 | 39 | 137 | .......... |
| Thailand ................................. | 315 | 26 | 126 | 72 | 27 | 45 |  | 54 |  | 51 |  | 527 | 107 | 151 | 102 | 10 | 92 |  | 49 | 22 | 27 | .......... |
| Other ................................................... | 491 | 82 | 2,581 | 757 | 255 | 273 | 229 | 1,824 | 1,444 | 380 | ......... | 901 | 296 | 5,694 | 4,409 | 3,519 | 890 | ........... | 1,285 | 29 | 1,256 | ........ |
| International organizations and unailocated $\qquad$ | ..... | .... | 556 | 9 | 9 |  |  | 547 | 547 | ..... |  | .... | .......... | 1,519 | 1,519 | 1,519 |  |  |  |  | ..... | .... |
| Addenda: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| European Union ${ }^{1}$ Eastern Europe ${ }^{2}$ | $\left.\begin{array}{r} 24,136 \\ 1,336 \end{array} \right\rvert\,$ | $\begin{gathered} 6,656 \\ 89 \end{gathered}$ | $\begin{array}{r} 8,055 \\ 342 \end{array}$ | 3,068 | $\begin{array}{r} 1,149 \\ 166 \end{array}$ | $\begin{array}{r} 1,835 \\ 21 \end{array}$ | 84 8 | 4,987 | $\begin{array}{r} 2,036 \\ 59 \end{array}$ | $\begin{array}{r} 2,951 \\ 88 \end{array}$ |  | $\begin{array}{r} 20,585 \\ 1,270 \end{array}$ | $\left.\begin{array}{r} 11,981 \\ \hline 365 \end{array} \right\rvert\,$ | $\left\|\begin{array}{r} 11,126 \\ 249 \end{array}\right\|$ | 6,147 | 4,668 144 | 1,479 19 | .......... | 4,979 86 | 558 48 | $\begin{array}{r} 4,421 \\ 38 \end{array}$ | ............. |

Table 4.1.-Royalties and License Fees, 1997
[Millions of dollars]


Table 4.2.-Royalties and License Fees, 1998
[Millions of dollars]

|  | Receipts |  |  |  |  |  |  |  |  |  |  | Payments |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Affiliated |  |  |  | Unaffiliated |  |  |  |  |  |  |  | Atfiliated |  |  | Unaffiliated |  |  |  |  |  |  |
|  | Total | Total | By U.S. <br> parents from their foreign affiliates | By U.S. affiliates from their foreign parents | Total | Industrial processes | Books, records and tapes | Broadcasting and recording of live events | Franchise fees | Trademarks | Other' | Total | Total | By U.S. parents to their foreign affiliates | By U.S. atfiliates to their foreign parents | Total | Industrial processes | Books, records and tapes | Broadcasting and recording of live events | Franchise tees | Trademarks | Other ${ }^{2}$ |
| All countries . | 35,626 | 26,313 | 24,362 | 1,951 | 9,314 | 3,500 | 334 | 242 | 506 | 1,042 | 3,689 | 11,235 | 8,547 | 1,782 | 6,765 | 2,688 | 1,319 | 163 | 436 | 4 | 187 | 578 |
| Canada...................................... | 1,657 | 1,328 | 1,287 | 41 | 329 | 82 | 19 | (D) | 41 | 47 | (D) | 420 | 297 | 25 | 272 | 123 | 82 | 17 | 9 | (*) | 6 | 9 |
| Europe | 18,935 | 15,358 | 14,064 | 1,294 | 3,577 | 1,170 | 195 | 173 | 230 | 298 | 1,510 | 6,838 | 5,402 | 958 | 4,444 | 1,435 | 705 | 124 | (D) | 4 | (D) | 449 |
| Belgium-Luxembourg................. | 682 | 558 | 553 |  | 124 | 72 | 3 | 3 | 3 | 9 | 33 | 160 | 127 | 25 | 102 | 33 | 29 | 1 | (*) | 0 | 2 | 2 |
| France .................................... | 2,194 | 1,812 | 1,785 | 27 | 382 | 142 | 26 | 31 | 15 | 16 | 153 | 804 | 351 | 18 | 332 | 453 | (D) | 6 | (D) | 0 | 5 | (D) |
| Germany................................. | 3,218 | 2,318 | 2,114 | 204 | 900 | 243 | 41 | 68 | 80 | 23 | 445 | 1,282 | 1,074 | 24 | 1,049 | 208 | 124 | 3 | ** | 0 | 5 | 76 |
| Italy ....................................... | 1,059 | 803 | 779 | 24 | 256 | 53 | 20 | 12 | 20 | 35 | 116 | 80 | 57 | 17 | 40 | 23 | 18 | 1 | * | 0 | 1 | 3 |
| Netherlands. | 1,701 | 1,552 | 1,425 | 127 | 149 | 59 | 9 | 6 | 6 | 4 | 64 | 767 | (D) | (D) | 357 | (D) | 33 | 3 | (*) | 0 | (D) | (D) |
| Norway .................................... | 124 | 85 | 83 | 1 | 40 | 3 | 2 | 1 | 5 | 2 | 26 | 13 | 6 | 1 | 4 | 7 | 6 | (*) | 0 | 0 | (*) | 1 |
| Spain..................................... | 556 | 416 | 416 | 0 | 139 | 27 | 13 | 10 | 5 | 46 | 38 | 15 | 9 | 7 | 2 | ${ }^{6}$ | 3 | 2 | ** | 0 | ${ }^{1}$ | 1 |
| Sweden .................................. | 489 | (D) | 245 | (D) | (D) | 148 | 6 | 4 | 6 | 5 | (D) | 134 | (D) | 1 | (D) | (D) | 55 | 2 | (*) | 0 | (*) | (0) |
| Switzerland. | 890 | 757 | 581 | 175 | 133 | 77 | 6 | 4 | 2 | 7 | 39 | 806 | (D) | (D) | 628 | (D) | 78 | 2 | (D) | 0 | 1 | (D) |
| United Kingdom | 3,595 | 2,960 | 2,311 | 648 | 635 | 154 | 48 | 21 | 48 | 44 | 320 | 2,167 | 1,792 | 234 | 1,558 | 374 | 146 | 102 | 36 | 0 | 53 | 38 |
| Other ................................ | 4,427 | (D) | 3,772 | (D) | (D) | 192 | 22 | 12 | 40 | 106 | (D) | 611 | 493 | (D) | (D) | 117 | (D) | 3 | (*) | 4 | 8 | (D) |
| Latin America and Other Western Hemisphere $\qquad$ | 2,552 | 1,985 | 1,828 | 156 | 567 | 110 | 34 | 17 | 53 | 176 | 178 | 774 | (0) | (D) | 69 | (0) | 45 | 6 | 1 | (*) | 2 | (D) |
| South and Central America........... | 2,088 | 1,579 | 1,423 | 156 | 509 | (D) | 32 | 16 | 36 | 171 | (D) | 119 | 84 | 20 | 64 | 36 | (D) | 5 | , | * ${ }^{\text {a }}$ | 2 | (0) |
| Argentina............................. | 252 | (D) | 176 | (D) | (D) | 7 | 6 | 4 | 3 | 27 | (0) | 10 | 9 | 2 | 7 | 2 | (*) | 1 | ** | 0 | * | * |
| Brazil .................................. | 587 | (D) | 398 | (D) | (D) | 17 | 14 | 4 | 4 | 50 | (D) | 22 | (*) | ** | 0 | 22 | (D) | (*) | (*) | ** | * | (0) |
| Chile .................................. | 57 | 32 | 27 | 4 | 25 | 5 | 1 | (*) | 3 | 11 | 5 | (*) | *) | * | (*) | (*) | 0 | 0 | 0 | ** | * | (*) |
| Mexico | 770 | 625 | 548 | 77 | 145 | 40 | 7 | 8 | 9 | 42 | 39 | 66 | 57 | 10 | 47 | 10 | ${ }^{2}$ | 3 | 1 | * | ${ }^{1}$ | 3 |
| Venezuela .............................. | 147 | 101 | 99 | 2 | 46 | 12 | 1 | (*) | 2 | 13 | 17 | 8 | 7 | 4 | $\stackrel{2}{7}$ | 1 | ** | * | (*) | (*) | * | ** |
| Other ................................ | 276 | 207 | 175 | 32 | 69 | (D) | 3 |  | 15 | 27 | (D) | 12 | 11 | 5 | 7 5 | 1 | * | (*) | 0 | 0 | 1 | * |
| Other Western Hemisphere .......... | 463 | 406 | 405 | ** | 57 | (D) | 2 | (*) | 16 | 4 | (D) | 655 | (D) | (D) | 5 | (0) | (D) | 1 | 0 | 0 | 1 | (D) |
| Bermuda <br> Other | (D) | 105 300 | 105 300 | (*) | (D) | (D) | 0 | (*) | ${ }^{*}{ }^{*}$ ) | 3 | (D) | 622 | (D) | (D) | (D) | (D) | (D) | 0 | 0 | 0 | 0 1 | (0) |
| Africa ....................................... | 311 | 210 | 185 | 25 | 102 | 17 | 5 | 1 | 12 | 24 | 43 | 3 | 3 | 3 | 0 | 1 | * ${ }^{*}$ | (*) | 0 | 0 | ** | ** |
| South Africa ............................. | 186 | (0) | 98 | (D) | (D) | 14 | 4 | * | 5 | (D) | 39 | 2 | 1 | 1 | 0 | $(* *$ | (*) | ** | 0 | 0 | ** | (*) |
| Other ..................................... | 125 | (D) | 87 | (D) | (D) | 3 | 1 | (*) | 7 | (D) | 4 | 2 | 2 | 2 | 0 | *) | 0 | (*) | 0 | 0 | *) |  |
| Middle East................................... | 155 | 31 18 | 27 | ${ }^{4}$ | 124 | 20 | 6 4 | 1 | 38 9 9 | 13 | 46 | 8 | ** | (*) | (*) | 8 | 5 | ** | 0 | (*) | 1 | 2 |
| Israel .................................... | 76 40 | 18 | 18 | (*) | 58 <br> 34 | 11 | 4 | 0 | 12 | 8 2 | 32 8 8 | (*) | (*) | (*) | ${ }^{\prime}$ | * | * | 0 | 0 | (*) | * | * |
| 0ther ........................................... | 39 | 7 | 3 | 4 | 32 | 5 | 1 | 0 | 18 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |  | 0 | 0 | 0 | ) |
| Asia and Pacific........................... | 10,174 | 6,087 | 5,753 | 334 | 4,087 | 2,094 | 61 | 32 | 123 | 466 | 1,311 | 2,459 | (D) | (D) | 1,787 | (D) | 480 | 8 | (D) | (*) | 15 | (D) |
| Australia .................................. | 728 | 537 | 516 | 20 | 191 | 33 | 10 | 5 | 12 | 23 | 109 | 60 | 21 | 1 | 20 | 39 | 7 | 5 | (0) | 0 | 1 | (0) |
| China ..................................... | 318 | 212 | 211 |  | 106 | 47 | (*) | 1 | 5 | 5 | 47 | 87 | (D) | (*) | (D) | (D) | (D) | ${ }^{*}$ | 0 | 0 | ** | * |
| Hong Kong .............................. | 244 | 171 | 167 | 4 | 73 | 23 | 3 | 1 | 11 | 15 | 19 | 12 | (D) | (D) | 0 | (D) | (*) | (*) | 0 | 0 | * | (0) |
| India ...................................... | 63 | 17 | 17 | ${ }^{*}$ | 46 | 20 | 1 | 1 | 4 | 2 | 17 | 1 | 0 | 0 | 0 | 6 | * | 0 |  | * | ${ }^{6}$ | (*) |
| Indonesia ................................ | 46 | 18 | 18 | (*) | 28 | 11 | 1 | , | 3 | 6 | 6 | 1 | 1 | 1 | 0 | (*) | 0 | 0 | 0 | 0 | * | 0 |
| Japan ..................................... | 5,776 | 3,420 | 3,200 | 220 | 2,356 | 1,172 | 36 | 12 | 31 | 374 | 731 | 2,247 | 1,838 | 84 | 1,754 | 409 | 374 | 1 | (*) | 0 | 7 | 26 |
| Korea..................................... | 835 | (D) | 161 | (D) | (D) | 483 | 1 | 1 | 9 | 8 | (0) | 34 | (D) | 13 | (D) | (D) | (D) | (*) | 0 | 0 | ** | (*) |
| Malaysia ................................. | 120 | 53 | 50 | 3 | 68 | 43 | 1 | 1 | 10 | 2 | 12 | (*) | 0 | 0 | 0 | (*) | (*) | 0 | 0 | 0 | ** | 0 |
| New Zealand ............................ | 77 | 53 | 53 | (*) | 25 | 2 | (*) | 6 | 3 | 4 | 10 | 2 | 0 | 0 | 0 | 2 | ** | 1 | 0 | 0 | * | 1 |
| Philippines ............................... | 85 | 52 | 52 | 0 | 33 | 8 | 3 | ${ }^{1}$ | 7 | 11 | 4 | 4 | 0 | 0 | 0 | 1 | (*) | * | 0 | 0 | * | ${ }^{*}$ * |
| Singapore................................. | 1,169 | 1,105 | 1,092 | 13 | $\begin{array}{r}64 \\ 434 \\ \hline\end{array}$ | 37 | 1 | * $*$ | 4 | 2 | 20 | 5 | 3 |  | 1 | 1 | * | * | 0 | 0 | * | (*) |
| Thaiwan ................................... | 588 109 | 155 | 152 | (D) | 434 (D) | 192 19 | (*) | ${ }^{*} 3$ | 13 8 | 10 | 275 | ${ }^{5}$ | * | ${ }^{*}$ | 2 | * | * | 0 | 0 | 0 | * | 1 |
| Other ................................................... | 16 | (D) | 6 | (*) | 11 | 19 | (*) | (*) | 4 | 3 | 2 | (*) | (*) | (*) | 0 | (*) | 相 | 0 | 0 | 0 | (*) | 0 |
| Intemational organizations and unallocated. | 1,842 | 1,314 | 1,217 | 97 | 528 | 7 | 13 | (D) | 9 | 18 | (D) | 733 | 243 | 50 | 193 | 490 | 2 | 7 | (D) | 0 | (D) | 67 |
| Addenda: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| European Union ${ }^{3}$.......................... | $\begin{array}{\|r\|} 17,525 \\ 290 \\ \hline \end{array}$ | $\left.\begin{array}{r} 14,299 \\ 172 \end{array} \right\rvert\,$ | 13,192 163 | 1,108 9 | 3,225 | 1,071 14 | 178 7 | 164 4 | 204 11 | 257 8 | 1351 75 | 5,942 10 | 4,687 7 | 876 7 | 3,811 | 1,254 3 | 555 | 121 | (*) | 4 | 85 (*) | 447 1 |
| * Less than $\$ 500,000$. <br> D Suppressed to avoid disclosure of data of individual companies. <br> 1. Receipts include $\$ 3,195$ million for the rights to distribute, use, and reproduce computer software. <br> 2. Payments include $\$ 498$ million for the rights to distribute, use, and reproduce computer software. <br> 3. See table 2, footnote 2. <br> 4. See table 2, footnote 3. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Table 4.3.-Royalties and License Fees, 1999
[Millions of dollars]

|  | Receipts |  |  |  |  |  |  |  |  |  |  | Payments |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | Affiliated |  |  | Unaffiliated |  |  |  |  |  |  | Affiliated |  |  |  | Unaffiliated |  |  |  |  |  |  |
|  |  | Total | By U.S. parents from their foreign affiliates | By U.S. affiliates from their foreign parents | Total |  | Books, records and tapes | Broadcasting and recording of live events | Franchise tees | Trademarks | Other | Total | Total | Dy U.S. <br> parents <br> to <br> their <br> foreign <br> affiliates | By U.S. <br> affiliates <br> to their foreign parents | Total | Industrial processes | Books, records and tapes | Broadcasting and recording of live events | Franchise fees | Trademarks | Other ${ }^{2}$ |
| All countries . | 36,420 | 25,905 | 24,265 | 1,640 | 10,515 | 3,987 | 395 | 244 | 527 | 1,116 | 4,245 | 12,613 | 9,791 | 1,956 | 7,835 | 2,822 | 1,699 | 190 | 101 | 7 | 223 | 605 |
| Canada....... | 1,685 | 1,298 | 1,258 | 40 | 387 | 118 | 28 | 13 | 48 | 48 | 133 | 534 | (D) | (D) | 258 | (D) | 136 | 26 | (D) | (*) | 5 | 10 |
| Europe | 18,877 | 14,771 | 13,792 | 978 | 4,107 | 1,442 | 221 | 159 | 219 | 330 | 1,734 | 7,147 | 5,554 | 826 | 4,728 | 1,593 | 812 | 138 | 67 | 6 | 103 | 467 |
| Belgium-Luxembourg... | 753 | (D) | (D) | 5 | (D) | 105 | 3 | 3 | 2 | 2 | (D) | , 225 | (0) | 20 | (D) | (0) | 31 |  | (*) | 0 |  | (D) |
| France .................................... | 2.073 | 1,598 | 1.574 | 24 | 475 | 204 | 28 | 39 | 12 | 23 | 168 | 890 | 426 | 29 | 397 | 464 | (D) | 6 | (D) | 0 | 5 | (D) |
| Germany................................. | 3.078 | 2,077 | 1,881 | 196 | 1,000 | 317 | 47 | 21 | 92 | 23 | 500 | 1,258 | 1,045 | 22 | 1,023 | 213 | 149 | 4 | 1 | 0 | 19 | 41 |
| Italy ....................................... | 929 | 658 | 644 | 14 | 270 | 84 | 21 | 13 | 12 | 28 | 113 | 85 | 67 | 20 | 47 | 18 | 6 | 2 | (*) | 0 | 5 | 4 |
| Netherlands | 1,714 | 1,572 | 1,505 | 68 | 142 | 45 | 10 | 7 | 4 | 9 | 66 | 768 | (D) | (D) | 301 | (0) | 40 | 3 | (*) | 0 | 9 | (D) |
| Norway... | 114 | 76 | 73 | 3 | 38 | 2 | 3 | 3 | 5 | 2 | 23 | 26 | 15 | 1 | 13 | 11 | 9 | 2 | ${ }^{*}$ | 0 | (*) | (*) |
| Spain ..................................... | 581 | 413 | 413 | 1. | 167 | 18 | 18 | 15 | 10 | 55 | 52 | 24 | (D) | 16 | (D) | (D) | 1 | 4 | (*) | (*) | 1 | (D) |
| Sweden .................................. | 414 | 206 | 201 | ${ }^{6}$ | 208 | 133 | 5 | ${ }_{6}^{6}$ | 5 | 5 | 54 | 204 | 98 | ${ }^{6}$ | 92 | 105 | 98 | 4 | (*) | 0 | 1 | 3 |
| Switzerland. | 862 | 720 | 610 | 110 | 142 | 94 | 6 | 3 | 1 | 6 | 33 | 1,170 | (0) | (D) | 936 | (D) | 112 | 6 | (D) | 0 | 1 | 10 |
| United Kingdom ........................ | 3.448 | 2,593 | 2,112 | 480 | 855 | 217 | 56 | 35 | 41 | 60 | 446 | 1,663 | 1,265 | 101 | 1,164 | 398 | 147 | 103 | 40 | 0 | 49 | 58 |
| Other ..................................... | 4,912 | (D) | (D) | 72 | (D) | 223 | 24 | 13 | 36 | 116 | (D) | 835 | 697 | 113 | 584 | 137 | (D) | 3 | (*) | 6 | 11 | (D) |
| Latin America and Other Western Hemisphere | 2,695 | (D) | 2,011 | (D) | (D) | 97 | 33 | 17 | 56 | 132 | (D) | 972 | (D) | (D) | (D) | (D) | 29 | 5 | 3 | 0 | 6 | (D) |
| South and Central America........... | 2,025 | (D) | 1,418 | (D) | (D) | 70 | 31 | 16 | 37 | 125 | (0) | 108 | (D) | 15 | (D) | (D) | (D) | 4 | 3 | 0 | 2 | (0) |
| Argentina............................. | 234 | 184 | 178 | 6 | 50 | 8 | 4 | 3 | 3 | 20 | 13 | 11 | 9 |  | 8 | 3 | (*) | 1 | 0 | 0 | (*) | 2 |
| Brazil ................................... | 557 | (D) | 339 | (D) | (D) | 10 | 12 | 5 | 2 | 44 | (D) | 3 | 1 | 1 | 0 | 2 | (*) | (*) | (*) | 0 | *) | 1 |
| Chile .................................. | 54 | 30 | 28 | 2 | 24 | 4 | 1 | (*) | 3 | 10 | 6 | 4. | 4 | (*) | 4 | (*) | 0 | 0 | 0 | 0 | * ${ }^{*}$ | 0 |
| Mexico ................................ | 790 | 658 | 606 | 52 | 131 | 36 | 8 | 6 | 11 | 19 | 50 | (D) | 57 | 5 | 52 | (D) | (D) | 2 | ${ }^{2}$ | 0 | *) | (D) |
| Venezuela ............................. | 148 | 110 | 107 | 3 | 39 | 7 | 3 | 1 | 3 | 10 | 15 | 7 | 5 | 1 | 4 | 2 | (*) | 1 | (*) | 0 | *) | (*) |
| Other ................................ | 242 | (D) | 160 | (D) | (D) | 6 | 2 | 1 | 16 | 21 | (D) | (D) | (D) | 7 | (D) | 1 | *) | (*) | ${ }^{*}$ | 0 | 1 | (*) |
| Other Western Hemisphere ......... | 670 | (D) | 593 | (D) | (D) | 27 | 2 | 1 | 19 | 7 | (D) | 864 | (D) | (D) | (D) | (D) | (D) | 1 | (*) | 0 | 4 | 0 |
|  | 117 553 | 93 (D) | 501 | (D) | 24 (D) | $\begin{array}{r}22 \\ 5 \\ \hline\end{array}$ | (*) | 0 | $\stackrel{*}{19}$ | 1 6 | (D) | 819 45 | (D) | (D) | (D) | (D) | (D) | 1 | (*) | 0 | 4 | 0 |
| Africa ....................................... | 388 | (D) | 225 | (D) | (D) | 19 | 5 | 2 | 10 | 31 | (D) | 5 | (D) | 2 | (D) | (D) | (*) | (*) | 0 | 0 | (*) | (D) |
| South Africa ............................. | 265 | (D) | 152 | (D) | (D) | 16 3 | 5 | 2 | 4 | (D) | 43 | 5 | (D) | (*) | ( ${ }_{(0)}$ | (D) | (*) | (*) | 0 | 0 | (*) | (D) |
| Other ...................................... | 123 | 77 | 74 | 3 | 46 | 3 | 1 | 0 | 6 | (D) | (D) | 1 | 1 | (*) | (*) | (*) | 0 | 0 | 0 | 0 | (*) | 0 |
| Middle East | 200 | 39 | 35 | 4 | 162 | 50 | 9 | 1 | 38 | 15 | 48 | 21 | 1 | (*) | (*) | 21 | 14 | (*) | 0 | ** | ** | 6 |
| Israel ..................................... | 100 | 25 | 25 | (*) | 75 | 16 | 5 | ${ }_{*}$ | 8 | 9 | 35 | 20 | (*) | ${ }^{*}$ | (*) | 19 | 14 | (*) | 0 | (*) | * | * |
| Saudi Arabia | 51 49 | 6 8 | 6 | (*) | 45 | 20 14 | 3 | (*) | 11 | 3 | 8 5 | (*) | (*) | (*) | 0 | (*) | (*) | 0 | 0 | 0 | (*) | (*) |
| Asia and Pacific............................ | 10,643 | 6,056 | 5,729 | 327 | 4,587 | 2,250 | 79 | 48 | 138 | 532 | 1,539 | 3,486 | 2,680 | 142 | 2,538 | 807 | 699 | 13 | (D) | (*) | 41 | (D) |
| Australia.. | 731 | 547 | 530 | 17 | 184 | 32 | 12 | 6 | 11 | 18 | 104 | 80 | 24 | 4 | 20 | 56 | 20 | 9 | (D) | 0 | (*) | (0) |
| China.................................... | 319 | 219 | 218 | 1 | 99 | 33 | 2 | 2 | 5 | 10 | 49 | 87 | (D) | 4 | (D) | (D) | (D) | 0 | 0 | 0 | ** | (*) |
| Hong Kong ............................... | 198 | 136 | 131 | 5 | 62 | 12 | 4 | 1 | 13 | 11 | 22 | 20 | 14 | 13 | 1 | 5 | 1 | 2 | (*) | 0 | ${ }_{*}^{*}$ | 3 |
| India ...................................... | 69 | 24 | 23 | 1 | 46 | 17 | 1 | (D) | 4 | 1 | (D) | 1 | (*) | (*) | 0 | 1 | 1 | 0 | 0 | 0 | * | (*) |
| Indonesia ................................... | 53 | 23 | 23 | 0 | 30 | 21 | (*) | (*) | 5 | 1 | 2 | 2 |  | 2 | (*) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Japan ..................................... | 5,994 | 3,402 | 3,185 | 217 | 2,592 | 1,188 | 47 | 13 | 33 | 448 | 863 | 3,125 | 2,515 | 82 | 2,433 | 610 | 552 | * | (*) | 0 | 39 | 18 |
| Korea... | 1,136 | (D) | 168 | (0) | (D) | 681 | 4 | (0) | 14 | 8 | 185 | 92 | (D) | 16 | (D) | (0) | (D) | (*) | 0 | 0 | (*) | ${ }^{1}$ |
| Malaysia ................................. | 94 | 54 | 54 | ** | 40 | 12 | 1 | (*) | 10 | 2 | 14 | (*) | ${ }^{0}$ | 0 | 0 | (*) | ${ }^{0}$ | 0 | 0 | 0 | * * | (*) |
| New Lealand ............................ | 71 | 46 | 46 | ( | 31 | 3 | 2 | 5 | 3 | 11 | ${ }_{4}$ | 3 | 18 | 8 | O | 3 | ( 7 | * | ${ }^{*}$ | 0 | * | ${ }^{+}$ |
| Philippines | 97 | $\begin{array}{r}66 \\ 1,065 \\ \hline\end{array}$ | 1.062 | 3 | 86 | 38 | 2 | 4 | 5 | 2 | 36 | 16 | 8 | 8 |  | 8 | 7 | * | 6 | 0 | * | , |
| Taiwan .... | -611 | +166 | 161 | 5 | 444 | 188 | 3 | 1 | 15 | 8 | 229 | 46 | 31 | 1 | 29 | 16 | 14 | 0 | 0 | , | * | 2 |
| Thailand. | 99 | 60 | 55 | 5 | 39 | 16 | (*) | 5 | 8 | 5 | 4 | 4 | 3 | 3 | 0 | (*) | (*) | 0 | 0 | 0 | * | (*) |
| Other....... | 21 | (D) | 7 | (D) | (D) | 3 | (*) | (*) | 4 | 4 | (D) | 1 | 0 | 0 | 0 |  | (*) | 0 | 0 | (*) | (*) | 0 |
| International organizations and unallocated | 1,930 | 1,297 | 1,214 | 83 | 633 | 11 | 20 | 4 | 17 | 28 | 553 | 448 | 279 | 56 | 223 | 169 | 9 | 8 | (*) | (*) | 69 | 83 |
| Addenda: ${ }^{\text {a }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 6 |  |  |
| European Union ${ }^{\text {a }}$................................ | $\begin{array}{r}17.492 \\ \hline 76\end{array}$ | 13,748 <br> 152 | 12,894 144 | 88 | 3,744 124 | 1,307 | 204 6 | 149 | (D) | 299 | (D) | 5,861 21 | +1,500 | 73 4 | 3,766 12 | 1,362 | $\stackrel{8}{*}$ | 128 | 5 | 1 | 92 | 455 1 |

* Less than $\$ 500,000$.

Suppressed to avoid disclosure of data of individual companies.

1. Receipts include $\$ 3,688$ million for the rights to distribute, use, and reproduce computer software
2. Payments include $\$ 518$ million for the rights to distribute, use, and reproduce computer software
3. See table 2, footnote?
4. See table 2, footnote 3

Table 4.4.-Royalties and License Fees, 2000
[Millions of dollars]


* Less than $\$ 500,000$.

1. Receipts include $\$ 3,890$ million for the rights to distribute, use, and reproduce computer sotware.
2. Payments include $\$ 541$ million for the rights to distribute, use, and reproduce computer software.
3. See table 2, footnote 3 .

Table 5.1.—Other Private Services, 1997
[Millions of dollars]

|  | Receipts |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | Affiliated |  |  | Unafililated |  |  |  |  |  |  |  |  |  |
|  |  | Total | $\underset{\text { parents from }}{\text { By U.S. }}$ their forieign aftiliates | $\begin{aligned} & \text { By U.S. } \\ & \text { aftililites from } \\ & \text { theip forieign } \\ & \text { parents } \end{aligned}$ | total | Education | Financial services | insurance |  |  | $\underset{\substack{\text { Telecommunica- } \\ \text { tions }}}{ }$ | Business,protessionaland technicalservices services | Otherservices | Addendum <br> Film and <br> tape rentals |
|  |  |  |  |  |  |  |  | Net | Premiums | Losses |  |  |  |  |
| All countries. | 84,456 | 27,107 | 288 | 9,819 | 57,349 | 8,346 | ,243 | 2,473 | .118 | 3,645 | 3,918 | 21,547 | 10,821 | 5,943 |
| Canada. | . 161 | 214 | 2,964 | 250 | 3,946 | 439 | 593 | 389 | 996 | 606 | 305 | 1,879 | 342 | 315 |
| Europe. | 31,717 | 13,826 | 9,129 | 4,698 | 17,891 | 1,447 | 4,309 | 1,003 | 2,553 | 1,550 | 1,206 | 7,420 | 2,506 | 3,938 |
| Selaium-Luxembourg.... | ${ }_{3}{ }_{3} .0916$ | ${ }_{1} 1.497$ | ${ }^{362} 8$ | ${ }_{538}^{28}$ | -624 | 1108 | ${ }_{409}^{158}$ | 53 <br> 131 <br> 1 | ${ }^{28}$ | ${ }_{89} 8$ | ${ }_{90}^{90}$ | $\xrightarrow{234}$ | ${ }_{1} 193$ | ${ }_{431}$ |
| Germany....). | 4,736 | ${ }_{2}^{2}, 378$ | 1,173 | 1,204 | ${ }^{2} 2.358$ | 171 | 271 | 214 | 469 | 255 | 81 | 921 | 700 | 755 |
| ltay ${ }^{\text {detherlands }}$ | ${ }_{\substack{1,320 \\ 298}}^{1}$ | 2074 | 1,789 | ${ }_{289}^{107}$ | ${ }_{849}^{87}$ | \% ${ }_{36} 6$ | 155 <br> 27 <br> 29 | ${ }_{-38}$ | $\begin{array}{r}78 \\ 41 \\ \hline\end{array}$ | ${ }_{79}^{39}$ | 45 59 | 329 <br> 500 | $\begin{array}{r}255 \\ \hline 65\end{array}$ | ${ }_{977}^{295}$ |
| Norway......... | 531 | 234 | 7 | 154 | 297 | ${ }_{42}^{42}$ | 41 | 11 | 49 | 37 | ${ }_{89}^{89}$ | ${ }^{89}$ | 25 | 21 |
| ${ }_{\text {Spain }}^{\text {Sweden }}$ | -1,348 | ${ }_{287}$ | $\begin{array}{r}297 \\ 52 \\ \hline\end{array}$ | ${ }_{235}{ }^{\text {(0) }}$ | ${ }_{545}$ | ${ }_{76}^{86}$ | 148 <br> 100 <br>  | 16 10 | +24 | +88888 | ${ }_{36}^{37}$ | ${ }_{280}^{238}$ | ${ }^{(0)}$ | ${ }^{427}$ |
| Switzerland | 2.071 | 1,110 | 664 | 447 | ${ }_{561} 96$ | 34 | $\begin{array}{r}435 \\ 4 \\ 4 \\ \hline 19\end{array}$ |  | ${ }^{55}$ | -56 | -57 | ${ }^{408}$ | 27 40 | $\begin{array}{r}24 \\ \hline 65\end{array}$ |
|  | ${ }_{\text {¢ }}^{4,044}$ | ${ }^{4,170}$ (0) | $\stackrel{2892}{613}$ | 1,277 ${ }_{\text {(0) }}$ | 5,635 ${ }_{\text {(0) }}$ | 142 678 | +1,979 | 518 50 | 1,1533 | 815 107 | $\begin{array}{r}356 \\ 265 \\ \hline\end{array}$ | 2,210 1,462 | 430 (0) | ${ }_{227}^{654}$ |
| Latin America and Oither Western Hemisphere | ${ }^{13,788}$ | 1,472 | 1,064 | 408 | 12,316 |  | 2,890 | ${ }_{500}^{600}$ | 1,391 | 791 | 1,012 | 3,147 | 3,752 | 409 |
| South and Central America........ | 10,506 |  | ${ }_{84} 84$ | 143 | ${ }^{9.6521}$ |  | ${ }^{1,2223}$ | 163 <br> 4 | ${ }^{595}$ |  | ${ }_{892}$ |  |  |  |
|  | 1,426 | 200 | 185 | 15 | ${ }_{1,226}$ | 115 | 294 | ${ }_{8}^{8}$ | 26 | 18 | 111 | $\stackrel{59}{59}$ | 139 | 147 |
|  | -4388 | ${ }^{32}$ | 25 | ${ }^{6}$ | ${ }_{4}^{406}$ | +187819 | ${ }^{72}$ | 20 47 | 80 114 1 | 61 67 | 44 | 209 | 440 | 24 |
|  | ${ }_{5}^{5,284}$ | 42 72 | 372 69 | ${ }_{3}$ | 4,845 | ${ }_{85}^{167}$ |  |  | ${ }^{114}$ | ${ }^{67}$ | 495 | 796 <br>  <br>  <br> 57 |  | 83 <br> 37 |
| Other Western Hemisphere ........ | 3,282 | 178 <br> 487 | 127 <br> 222 | 43 265 | - | 274 212 | 1,668 | $\begin{array}{r}73 \\ 438 \\ \hline\end{array}$ | 232 796 | 159 <br> 358 | ${ }_{120}^{204}$ | ${ }_{301}^{726}$ | 289 56 | 57 13 |
|  | $\begin{array}{r}\text { r } 783 \\ 2.500 \\ \hline\end{array}$ | 198 <br> 289 | 121 151 | 127 138 18 | - 2.285 | 11 201 | +1434 | 66 372 | 364 432 | $\begin{array}{r}298 \\ 60 \\ \hline\end{array}$ | 15 106 | 54 247 | 6 51 5 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Arica | 1,741 |  | 132 |  |  |  |  |  |  |  |  |  |  |  |
| South Africa $\qquad$ | 1,442 | 50 118 | ${ }_{85}^{47}$ | 33 | ${ }_{1,282}^{292}$ | 364 364 | $\begin{array}{r}27 \\ 101 \\ \hline\end{array}$ | 4 | 8 | 4 | ${ }_{83}^{60}$ | 707 | 48 23 | ${ }_{12}^{42}$ |
| Middle East. | 2,826 | 230 |  | 153 | 2,596 |  |  |  |  |  |  | 1,667 |  |  |
|  | + 4.152 | (0) | 17 | (0) | ${ }^{398}$ | $7{ }^{45}$ | 67 61 | ${ }^{\circ}$ |  |  | 71 40 |  | (0) | $\stackrel{22}{5}$ |
| Other.............. | 1,207 | (0) | 51 | (0) | (0) | 237 | 133 | 10 |  |  |  |  |  |  |
| Asia and Pacific. | 22.874 | 7,178 | 3,843 | 3,275 | 15,756 | 4,787 | ${ }^{2}, 0.053$ | 394 | 894 |  | 1,040 |  | 1,002 | 1,149 |
|  | ${ }^{1} 1.536$ | 171 | 117 | 54 | 1,365 | 626 |  | -14 | 14 | ${ }_{28}^{85}$ | 98 | 497 |  | 9 |
|  | ${ }^{1,5636}$ | ${ }_{23}^{654}$ | ${ }_{22} 5$ |  | ${ }_{643}^{909}$ | ${ }_{451}^{161}$ |  | $\stackrel{12}{12}$ | 37 | ${ }_{7}^{25}$ | $\begin{array}{r}100 \\ 58 \\ \hline\end{array}$ | 310 | 4 | ${ }_{2}^{44}$ |
| Indonesia | 1,1929 | 999 | 89 | 10 | 1.092 | 183 | ${ }^{87}$ | -2 | 15 | 17 | ${ }_{43}^{48}$ | ${ }_{753} 7$ | 28 | 21 |
| ${ }_{\text {Japan }}$ K..... | $\begin{array}{r}1.924 \\ \\ \hline 2.000 \\ \hline\end{array}$ | ${ }^{3,656}$ | 986 <br> 143 <br> 1 | 2.670 | 4, 60 | ${ }_{547}^{834}$ | ( 532 | ${ }^{287}$ | ${ }_{23}^{484}$ | $\begin{array}{r}197 \\ 18 \\ \hline\end{array}$ | 23 <br> 127 <br> 12 |  | (0) | - ${ }_{118}^{469}$ |
| Malaysia | 709 <br> 72 | 161 | $\begin{array}{r}154 \\ \\ \hline 55 \\ \hline 1\end{array}$ | ${ }^{8}$ | 548 | 214 15 | ${ }_{14}^{31}$ | 3 | 13 <br> 13 <br> 1 | ${ }_{4}^{9}$ | ${ }_{16}^{22}$ | 244 | ${ }^{34}$ | ${ }_{49}$ |
| Philippines ..... | 476 | 76 | ${ }_{68}^{25}$ | ${ }_{8}$ | 400 | 41 | ${ }_{46}$ | 5 | 15 | 10 | 45 | 235 | ${ }_{28}$ | 20 |
|  |  | 1.043 <br> 186 | 1,000 | ${ }_{30}^{42}$ | + $\begin{array}{r}534 \\ 1.168 \\ \hline\end{array}$ | 55 449 | 193 <br> 132 <br> 18 | ${ }_{28}^{20}$ | 30 111 | 10 83 | 47 117 | 193 <br> 396 <br> 1 | ${ }_{46}^{26}$ | -25 |
| Thailand O (her...... | ${ }_{1} 1.67700$ | 87 23 | ${ }_{23}^{76}$ | $\stackrel{11}{1}$ | ${ }^{1.590}$ | $\begin{aligned} & 1999 \\ & 998 \end{aligned}$ | ${ }_{228}^{43}$ | 888888 | $\stackrel{14}{2}$ | 6 | ${ }_{31}^{23}$ | $\begin{aligned} & 3950 \\ & \hline 9596 \\ & 968 \end{aligned}$ | ${ }_{89}^{21}$ | $\begin{array}{r}15 \\ \hline\end{array}$ |
|  | 3,347 | 79 | 79 | 0 | 3,268 | 0 | 9 | 66 | 216 | 150 | 6 | 129 | 3,058 | 1 |
| Addenda: <br> European Union <br> Eastern Europe ${ }^{2}$ $\qquad$ | $\underset{\substack{26,800 \\ 1,348}}{ }$ | 12,358 | 8,263 70 | 4,095 | $\begin{gathered} 14,442 \\ 1,278 \end{gathered}$ | 722 291 | $\begin{array}{r}3.657 \\ 94 \\ \hline\end{array}$ | 979 11 | 2,418 25 | 1,438 13 | $\begin{aligned} & 887 \\ & \hline 125 \end{aligned}$ | $5.915$ | 2,278 126 | $\begin{array}{r}3,796 \\ \hline 72\end{array}$ |

See footnotes at the end of the table.

Table 5.1.—Other Private Services, 1997—Continued [Millions of dollars]


Table 5.2.—Other Private Services, 1998
[Millions of dollars]

|  | Receipts |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | Affiliated |  |  | Unaffiliated |  |  |  |  |  |  |  |  |  |
|  |  | Total | By U.S. parents from their foreign affiliates | $\begin{aligned} & \text { By U.S. } \\ & \text { atriliates from } \\ & \text { theip forevign } \\ & \text { parents } \end{aligned}$ | Total | Education | Financial services | Insurance |  |  | $\begin{gathered} \text { Telecommunica- } \\ \text { tions } \end{gathered}$ | Business, professional, and technical services | Other | Addendum |
|  |  |  |  |  |  |  |  | Net | Premiums | Losses |  |  |  | Film and tape rentals |
| All countries | 91,288 | 28,176 | 18,135 | 10,041 | 63,112 | 9,034 | 11,327 | 2,224 | 7,278 | 5,054 | 5,567 | 22,676 | 12,284 | 7,076 |
| Canada.................................... | 7,465 | 3,558 | 2,832 | 726 | 3,909 | 444 | 768 | 129 | 868 | 739 | 306 | 1,802 | 460 | 406 |
| Europe | 35,019 | 15,045 | 9,338 | 5,707 | 19,974 | 1,573 | 4,686 | 672 | 2,793 | 2,122 | 2,027 | 8.100 | 2,916 | 4,357 |
| Belgium-Luxembourg................ | 1,127 3 3 | + 1531 | 369 | 56 619 | ${ }^{762}$ | 18 | 163 <br> 393 <br> 1 | 28 37 | 100 293 | 73 <br> 256 | 138 <br> 104 | 288 <br> 684 | 279 | 69 580 |
| France ................................ | 5,022 | 2,663 | 1,345 | 1,318 | 2,357 | 182 | 309 | 120 | 447 | 327 | 97 | 977 | 672 | 726 |
| Italy .......................................... | 1,568 | 481 | 360 | 121 | 1,087 | 60 | 200 | 39 | 90 | 51 | 51 | 463 | 273 | 333 |
| Netherlands ....................................................... | 2,714 | 1,761 | 1,336 | 425 | 954 | 38 | 257 | 3 | 31 | 28 | 68 | 489 | 99 | (D) |
| Norway.................................. | 612 | 280 | 97 | 183 | 332 | 45 | 60 | 22 | 48 | 26 | 76 | 103 | 27 | 22 |
| Spain -................................. | 1,378 | 532 | 352 | 181 | 846 | 83 | 130 | 6 | 42 | ${ }^{36}$ | 32 | 187 | 408 | 482 |
| Sweden............................... |  | 389 | 731 | 334 | 536 | 85 | 888 | 3 | 25 53 | ${ }_{50}^{22}$ | ${ }_{48}^{62}$ | 230 | ${ }_{33}^{68}$ | 31 |
| Swizerland............................ | 11,454 | 1,453 <br> 4,406 <br> 18 | 731 3.012 | 722 1.393 | 1,001 681 | $\begin{array}{r}36 \\ 152 \\ \hline\end{array}$ | 2,220 | 395 | 1,461 | 1,067 | 1,041 | 2,435 | 598 | 908 |
| 0ther .......) | 4,826 | 1,123 | , 768 | , 355 | 3,703 | 756 | , 455 | 17 | 202 | 185 | 310 | 1,773 | 392 | (D) |
| Latin America and Other Western Hemisphere |  |  |  | 518 |  |  | 3222 | 892 | 2.452 | 1.561 |  | 3729 | 4.071 | 601 |
|  | 15,775 | 1,731 | 1,212 | 211 | 14,045 10,239 | 777 | 1,138 | 13 | 764 | , 751 | 1,017 | 3.284 | 4,010 | 587 |
| Argentina.............................. | 11,381 | 1,83 | 72 | 11 | - 910 | 47 | 220 | 89 | 219 | 130 | , 57 | 415 | 81 | 50 |
|  | 1,663 | 276 | 246 | 30 | 1,387 | 134 | 265 | 7 | 24 | 17 | 183 | 581 | 217 | 253 |
| Brazil................................. | 391 | 33 | 27 | 6 | 358 | 22 | 67 | 8 | 96 | 88 | 46 | 172 | 43 | 25 |
|  | 5,533 | 449 | 379 | 70 | 5.084 | 183 | 261 | 47 | 132 | 85 | 464 | 854 | 3,275 | 122 |
| Mexico ............................. | 809 | 89 | 85 | 5 | 718 | 91 | 93 | 1 | 28 | 27 | 48 | 418 | 67 | 63 |
| 0ther ............................... | 1,996 | 211 | 122 | 89 | 1,785 | 300 | 232 | -139 | 264 | 403 | 221 | 845 | 326 |  |
| Other Western Hemisphere Bermuda. | 4,394 | 589 205 | 281 49 | 308 <br> 156 <br> 15 | $\begin{array}{r}3,805 \\ \hline 674 \\ \hline\end{array}$ | 207 10 | $\begin{array}{r}2,084 \\ \hline 526 \\ \hline 1\end{array}$ | $\begin{array}{r}879 \\ 48 \\ \hline\end{array}$ | 1,688 602 | 810 554 | 130 12 | 445 | 61 6 | 14 3 |
| Other........................................ | 3,515 | 383 | 232 | 151 | 3,132 | 196 | 1,558 | 831 | 1,086 | 256 | 118 | 374 | 55 | 10 |
| Africa | 2,094 | 224 | 196 | 28 | 1,870 | 431 | 183 |  | 18 | 17 | 183 | 1,006 |  |  |
|  | 419 | 73 | 72 |  | . 345 | 37 | 40 | ${ }_{3}^{3}$ | 10 | 7 | 69 114 | 130 | 66 | 58 |
|  | 1,677 | 151 | 124 | 28 | 1,526 | 394 | 143 | -1 | 8 | 10 | 114 | 876 |  |  |
| Middle East. $\qquad$ | 3,243 | 283 | 107 | 176 | 2,960 | 369 | 344 | 15 |  |  | 516 | 1,628 |  |  |
| Israel <br> Saudi Arabia |  | (0) | $\begin{array}{r}15 \\ 4 \\ \hline\end{array}$ | (D) | ${ }^{422}$ | 50 85 | ${ }_{73}^{66}$ | 7 | 5 | 45 | 85 54 | 181 <br> 884 | (0) | ${ }_{8} 8$ |
| Other ......................................... | 1,538 | (D) | 88 | (D) | (D) | 235 | 205 | 5 | 13 | 9 | 376 | 563 | (D) | 33 |
| Asia and Pacific.................................. | 23,942 | 7,264 | 4,380 | 2,884 | 16,678 | 5,234 | 2,109 | 398 | 865 | 467 | 1,387 | 6,269 | 1,282 | 1,499 |
|  | 1,674 | 544 | 495 |  | 1,129 | 49 | 202 | 54 | 142 | 88 | 100 | 478 | 247 | 365 |
|  | 1,846 | 228 | 152 | 76 | 1,618 | 718 | 50 | 18 | 12 | $-6$ | 107 | 635 | ${ }^{91}$ | 11 |
| Hong Kong ............................... | 1,630 | 665 | 584 |  | 965 | 148 | 200 | 17 | 37 | 10 | 150 57 | 200 | 38 15 | 4 |
| india | $\begin{array}{r}844 \\ 1.072 \\ \hline\end{array}$ | 23 88 | 23 86 | $\left.{ }^{( }\right)$ | 888 | 517 203 | 33 | -1 -3 | 9 | 12 | 33 | 208 | 18 | 9 |
| Indonasia ................................. | 8.187 | 3,677 | 1,194 | 2.482 | 4,511 | 868 | 625 | 258 | 453 | 195 | 357 | 1,941 | 462 | 763 |
|  | 1,654 | (D) | 130 | (D) | (D) | 655 | 176 | 12 | 32 | 20 | 141 | 414 | (D) | 76 |
|  | 613 | (D) | 170 | (0) | (0) | 223 | 29 | (*) | 8 | 8 | 20 | 121 | (D) | 31 |
|  | 402 | 20 | 20 | * ${ }^{*}$ | 382 | 18 | 130 | 8 | 14 | ${ }^{6}$ | 30 | 140 | 57 | 53 |
| Philippines .............................. | 492 1.831 1 | 77 1,193 | 74 1.161 | 33 | 415 638 | 43 59 | $\begin{array}{r}50 \\ 192 \\ \hline\end{array}$ | $\stackrel{2}{12}$ | 13 <br> 26 | 11 15 | 36 <br> 58 | 241 290 | 43 <br> 27 | 34 26 |
| Singapore.............................. | 1,309 | +1936 | 1.167 | 70 | 1,073 | 471 | 109 | 18 | 90 | 72 | 129 | 293 | 52 | 67 |
| Thailand ................................................... | 698 | 104 30 | ${ }_{29}^{95}$ | $\stackrel{9}{1}$ | 594 1.660 | - 1,031 | 34 244 | 5 -3 | 15 4 | 10 6 | 28 4 | 232 | 24 110 |  |
| Other ................................ | 1,690 | 30 | 29 | 1 | 1,660 | 1,033 | 244 | -3 | 4 | 6 | 41 | 235 | 110 |  |
| International organizations and unallocated | 3,745 | 70 | 70 | 0 | 3,676 | 0 | 15 | 118 | 209 | 91 | (*) | 142 | 3,401 | 86 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 29,320 1,728 | 13,172 ${ }_{81}$ | $\begin{array}{r} 8,379 \\ 74 \end{array}$ | 4,793 | 16,147 1,648 | 764 349 | 4,004 | 644 3 | 2,618 60 | $\begin{array}{r}1,974 \\ \hline 5\end{array}$ | $\begin{array}{r}1,681 \\ \hline 84\end{array}$ | 6,429 823 | 2,625 | 4,157 |

See footnotes at the end of the table.

Table 5.2.-Other Private Services, 1998—Continued
[Millions of dollars]


Table 5.3.—Other Private Services, 1999
[Millions of dollars]


See footnotes at the end of the table.

Table 5.3.-Other Private Services, 1999-Continued [Millions of dollars]

|  | Payments |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Affiliated |  |  |  | Unaffiliated |  |  |  |  |  |  |  |  |  |
|  | Total | Total | By U.S.parents to their foreign atfiliates | By U.S. affiliates to their foreign parents | Total | Education | Financial services | Insurance |  |  | Telecommunica-tions | Business, professional, and technical services | Other services | Addendum |
|  |  |  |  |  |  |  |  | Net | Premiums | Losses |  |  |  | Film and tape rentals |
| All countries ...................... | 46,117 | 22,588 | 12,076 | 10,512 | 23,529 | 1,829 | 3,404 | 3,206 | 21,568 | 18,362 | 6,605 | 8,061 | 425 | 154 |
| Canada. | 4,855 | 2,251 | 746 | 1,504 | 2,605 | 13 | 193 | 293 | 723 | 430 | 223 | 1,699 | 184 | 36 |
| Europe. | 20,792 | 12,797 | 7,013 | 5,784 | 7,995 | 1,060 | 2,098 | -250 | 9,510 | 9,760 | 1,454 | 3,488 | 145 | 81 |
| Belgium-Luxembourg................. | 669 | 393 | 330 | 63 | 275 | 15 | 54 | 61 | 151 | 90 | 33 | 100 | 12 | (0) |
| France ................................. | 2,377 | 1,493 | 662 | 831 | -882 | 137 | 116 | 239 556 | -664 | -425 | 92 | 287 | 16 | 10 |
| Germany .................................. | $\begin{array}{r}2,826 \\ \hline 690\end{array}$ | 1,529 | 627 96 | 902 119 | $\begin{array}{r}1,297 \\ \hline 475\end{array}$ | $\begin{array}{r}57 \\ 142 \\ \hline\end{array}$ | $\begin{array}{r}142 \\ 41 \\ \hline\end{array}$ | $\begin{array}{r}556 \\ 18 \\ \hline\end{array}$ | 2,381 123 | 1,825 105 | 117 118 | 412 <br> 146 <br> 10 | 13 10 10 | ${ }_{11}^{3}$ |
| Netherlands ................................. | 718 | 950 | 250 | 700 | -232 | 18 | 65 | $-500$ | (D) | (0) | 40 | 131 | 13 | 9 |
| Norway................................. | 242 | 96 | 10 | 85 | 146 | 3 | 22 | 3 | 14 | 11 | 76 | 42 | 1 | 0 |
| Spain.................................. | 567 | 192 | 169 | 22 | 375 | 161 | 40 | 10 | 14 | 4 | 62 | 96 | ${ }^{6}$ | 3 |
| Sweden ................................. | 365 | (0) | (0) | ${ }_{429}^{226}$ | (D) | ${ }_{11}$ | 140 | -366 | $\begin{array}{r}84 \\ 749 \\ \hline\end{array}$ | 120 | ${ }_{6}^{13}$ | 75 | (D) ${ }^{1}$ | 1 |
| Switzerland........................... | 686 10.160 | 6,036 | 4,105 | 1,931 | 4,123 | 368 | 1.289 | -353 | 4,295 | 1,742 | 338 | 1,524 | 51 | 25 |
| Other ...................................... | 1,494 | (D) | (D) | 474 | (D) | 146 | 151 | -824 | (D) | (D) | 506 | 528 | (D) | (D) |
| Latin America and Other Western |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hemisphere ......................... | 8,774 | 1,900 | 696 | 1,204 | 6,875 | 473 | 436 | 3,095 | 10,817 | 7,723 | 2,195 1 | 656 | 20 | 9 |
| South and Central America........... | 3,649 | 652 | 427 | 225 | 2,997 | 409 | 216 | -12 |  |  | 1,784 | 583 | 17 | 5 |
| Brazil ........................................... | 465 | 113 | 85 | 28 | 352 | 14 | 52 | -8 | 9 | 1 | 136 | 141 | 1 | 1 |
| Chile ................................ | 158 | (0) | 2 | (D) | (D) | 23 | 11 | 0 | (*) | ${ }^{*}$ | 34 | 24 | (D) | (*) |
| Mexico -........................... | 1,501 | 338 | 213 14 | 125 | 1,163 | 174 | 42 | ${ }^{2}$ | ${ }^{7}$ |  | 794 71 | $\begin{array}{r}145 \\ 61 \\ \hline\end{array}$ | ${ }^{6}$ |  |
| Venezuela O.......................... | 169 1.084 | (D) | 14 <br> 34 | (0) | 1,047 | 174 174 | 10 74 | (*) | (*) | - 19 | 672 | $\begin{array}{r}61 \\ 138 \\ \hline\end{array}$ | ${ }^{(0)}$ | ${ }^{2}$ |
| Other Western Hemisphere ........... | 5,125 | 1.247 | 268 | 979 | 3,878 | 64 | 220 | 3,107 | 10,781 | 7,674 | 411 | 73 | 3 | ${ }_{0}$ |
| Bermuda............................. | 3,517 | 824 | 137 | 687 | 2,693 | 1 | 93 | 2,551 | 7,811 | 5,260 | 10 | 38 | 0 | 0 |
| Other ................................ | 1,608 | 423 | 132 | 291 | 1,185 | 63 | 127 | 555 | 2,969 | 2,414 | 402 | 35 | 3 | (*) |
| Africa .................................... | 749 | 164 | 125 |  | 585 |  |  |  | 3 |  | 320 | 165 |  |  |
| South Africa ........................... | 209 539 | $\begin{array}{r}110 \\ 54 \\ \hline\end{array}$ | 104 21 | - ${ }_{3}^{6}$ | $\begin{array}{r}99 \\ 485 \\ \hline\end{array}$ | $\begin{array}{r}8 \\ 43 \\ \hline\end{array}$ | 99 39 | ** | 2 | 1 | $\begin{array}{r}52 \\ 268 \\ \hline\end{array}$ | $\begin{array}{r}29 \\ 135 \\ \hline\end{array}$ | 1 | 0 |
| Middla East. | 1,190 | 349 | 332 |  | 841 |  |  |  | 7 |  | 391 |  |  |  |
| Israel ................................... | 495 | 286 | 277 | 10 | 209 | 33 | 8 | -3 | 1 | 3 | 90 | 81 | 0 | 0 |
| sia and Pa |  | 111 | 3147 | 1,963 | 4.450 |  |  |  | 490 |  |  |  |  |  |
| Australia ............................................ | ,925 | 5,519 | , ${ }_{421}$ | 1,968 | +405 | ${ }_{68} 6$ | 53 | -41 | 189 | 231 | 1,863 | 7,689 | 48 6 | ( ${ }_{3}$ |
| China.................................. | 455 | 125 | 111 | 14 | 330 | 14 | 1 | 1 | 3 | 2 | 225 | 88 | 1 | 1 |
| Hong Kong.............................. | 1,249 | 935 | 791 | 144 | 314 | 2 | 85 | 19 | 4 | -15 | 104 | 103 | 1 | 1 |
| India.................................... | 570 | ( ${ }_{1}{ }^{1}$ | ${ }_{10}^{16}$ | (D) | (0) | 1 | 16 | -2 | 2 | ${ }^{4}$ | $\begin{array}{r}317 \\ 54 \\ \hline\end{array}$ | 175 | (D) | (*) |
| Indonesia ................................ | $\begin{array}{r}107 \\ 3865 \\ \hline\end{array}$ |  |  |  |  |  | 12 |  |  |  | $\begin{array}{r}54 \\ 181 \\ \hline 185\end{array}$ | $\begin{array}{r}28 \\ 677 \\ \hline\end{array}$ | 13 | (D) |
| Japan ..................................... | 3,856 | $\begin{array}{r}2,645 \\ \hline 109\end{array}$ | $\begin{array}{r}1,266 \\ \hline 59\end{array}$ | 1,379 50 | 1,212 | $\begin{array}{r}32 \\ 3 \\ \hline\end{array}$ | 200 30 | 109 2 | 269 14 | 160 12 | 181 135 18 | 677 94 | 13 0 0 | (D) |
| Malaysia ................................................. | 92 | 52 | 45 | 7 | 40 | 0 | ${ }_{9}$ | 0 | (*) | (*) | 19 | 12 | 0 | 0 |
| New Zaaland.................................. | 110 | 42 | 41 | (*) | 68 | 10 | 6 | 0 | 2 | 2 | 37 | 15 | 0 | (*) |
| Philippines ............................... | 236 | 18 | 18 | * | 218 | 1 | 14 | 1 | (*) | -1 | 138 | 64 | 0 | 0 |
| Singapore................................ | $\begin{array}{r}623 \\ \hline\end{array}$ | 432 | $\begin{array}{r}269 \\ 54 \\ \hline\end{array}$ | $\begin{array}{r}163 \\ 54 \\ \hline\end{array}$ | 191 | 1 | 87 | -1 | ${ }_{3}^{2}$ | 3 | $\begin{array}{r}39 \\ 126 \\ \hline\end{array}$ | 61 81 | 2 | 2 |
| Thailand................................................... | 335 163 | $\begin{array}{r}108 \\ 52 \\ \hline\end{array}$ | 42 | 10 | 111 | 2 | 10 | - | (*) | (*) | $\stackrel{1}{57}$ | 81 42 | 0 | 0 |
| Other ...................................... | 477 | (D) | 2 | (D) | (D) | 58 | 34 | -2 | 2 | 5 | 316 | 43 | (D) | 0 |
| International organizations and unallocated | 186 | 17 | 17 | 0 | 167 | 0 | 0 | -18 | 18 | 36 | 159 | 3 | 23 | (D) |
| Addenda: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| European Union ${ }^{1}$ $\qquad$ <br> Eastern Europe ${ }^{2}$ $\qquad$ | $\begin{aligned} & 19,023 \\ & 594 \end{aligned}$ | $11,992$ | $6,746$ | 5,246 | $\begin{aligned} & 7,028 \\ & 580 \end{aligned}$ | 964 47 | $\begin{array}{r} 1,890 \\ \hline 44 \end{array}$ | 82 -2 | $8,744$ | $8,662$ | $\begin{aligned} & 936 \\ & 301 \end{aligned}$ | $\begin{array}{r} 3,029 \\ \hline 199 \end{array}$ | 128 2 | 73 |
| * Less than $\$ 500,000$. <br> - Suppressed to avoid disclosure of | ata of ind | ual comp |  |  |  |  | 1. See tab <br> 2. See tab | 2. tootno 2, tootno |  |  |  |  |  |  |

Table 5.4.—Other Private Services, 2000
[Millions of dollars]

|  | Receipts |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Affiliated |  |  |  | Unaffiliated |  |  |  |  |  |  |  |  |  |
|  | Total | Total | By U.S. parents from their foreign atfiliates | $\begin{aligned} & \text { By U.S. } \\ & \text { affililiates from } \\ & \text { their foreign } \\ & \text { parents } \end{aligned}$ | Total | Education | Financial services | Insurance |  |  | Telecommunica-tions | Business, protessional, and technical services | Other services | Addendum <br> Film and <br> tape rentals |
|  |  |  |  |  |  |  |  | Net | Premiums | Losses |  |  |  |  |
| All countries. | 107,568 | 31,628 | 19,604 | 12,024 | 75,940 | 10,287 | 17,042 | 2,412 | 8,898 | 6,486 | 3,843 | 28,026 | 14,331 | 8,852 |
| Canada... | 9,633 | 4,100 | 3,010 | 1,090 | 5,532 | 505 | 1,101 | 338 | 1,048 | 710 | 352 | 2,610 | 626 | 633 |
| Europe | 40,548 | 16,160 | 9,665 | 6,494 | 24,388 | 1,808 | 7,447 | 111 | 2,897 | 2,786 | 851 | 9,964 | 4,208 | 5,591 |
| Belgium-Luxembourg................. | 1,602 | (D) | 569 | (0) | (D) | 20 | 279 | 32 | 99 | ,67 | 29 | 442 | (D) | 132 |
| France ................................. | 4,013 | 1,683 | -880 | 802 | 2.331 | 139 | 650 | -108 | 396 | 505 | ${ }_{71} 6$ | 1,165 | 422 | 647 |
| Germany................................ | 6,011 | 2,886 | 1,283 | 1,603 | 3,124 | 198 | 740 | $-122$ | 348 | 469 | 71 | 1,286 | 950 411 | 1,050 |
|  | 2,055 2,966 | 533 1.696 | 1,406 1,223 | 128 473 | 1,521 1,271 | 67 35 | 489 49 | 25 -1 | 91 20 | 66 20 | 49 100 | 481 <br> 524 | 411 | 459 862 |
| Norway..................................... | 582 | 308 | 194 | 113 | 274 | 48 | 81 | -23 | 45 | 69 | 18 | 106 | 44 | 39 |
| Spain........................................ | 1,560 | 433 | 394 | 39 | 1,127 | 86 | 296 | -24 | 46 | 70 | 23 | 252 | 494 | 563 |
| Sweden ................................. | 9825 | 299 | 58 | 241 | 683 | 102 | 173 | -17 | ${ }_{50}^{26}$ | 43 | 60 | 257 | 108 | 108 |
| Switzerland............................. | 2,635 | 1,327 | 327 | 1.000 | 1,308 | 39 | 714 | -23 | 50 | 74 | 32 | 503 | 43 | 42 |
| United Kingdom ...................... | 12,199 5 | 4,488 | 3,283 | 1,205 | 7,712 | 171 | 2,939 | 304 | 1,461 | 1,157 | 271 135 | 3,103 1 | ${ }_{\text {a }} 923$ |  |
| Other ..................................... | 5,943 | (D) | 1,048 | (D) | (D) | 902 | 591 | 69 | 315 | 246 | 135 | 1,846 | (D) | 453 |
| Latin America and Other Western Hemisphere.................... | 19,792 | 2,430 | 1,670 | 760 | 17,362 | 1,254 | 5,195 | 911 | 2,512 | 1,601 | 1,019 | 4,490 | 4,493 | 722 |
| South and Central America... | 13,345 | 1,389 | 1,189 | 200 | 11,956 | ,974 | 1,550 | 173 | 2,721 | 1,548 | 1,916 | 3,943 | 4,400 | 695 |
| Argentina............................ | 1,131 | 136 | 124 | 12 | 995 | 60 | 266 | 49 | 181 | 132 | 47 | 457 | 116 | 83 |
| Brazil .................................. | 1,662 | (D) | 214 | (0) | (0) | 174 | 333 | 9 | 44 | 35 | 114 | 552 | (0) | ${ }^{237}$ |
| Chile ...................................... | 571 | 40 | 22 | 18 | 531 | 29 | 81 | 16 | 63 | 47 | 40 | 321 | 45 | 26 |
| Mexico ............................ | 6,399 | 721 | 625 | 97 | 5.677 | 214 | 387 | 50 | 176 31 | 125 | 491 | 959 | $\begin{array}{r}3,580 \\ \hline 99\end{array}$ | 186 94 |
|  | 943 2.637 | (0) | 91 113 | $\left(0^{3}\right.$ | 849 | 103 394 | $\begin{array}{r}97 \\ 390 \\ \hline\end{array}$ | -4 52 5 | +31 | -35 | $\begin{array}{r}39 \\ 185 \\ \hline\end{array}$ | $\begin{array}{r}515 \\ 1,138 \\ \hline\end{array}$ | (0) | 94 67 |
| Other Western Hemisphere ........... | 6,448 | 1,04t | 481 | 560 | 5,407 | 280 | 3,645 | 738 | 1,790 | 1,052 | 104 | 547 | 93 | 27 |
| Bermuda.............................. | 1,679 | 513 | 159 | 354 | 1,166 | 11 | 799 | 142 | 740 | 598 | 8 | 197 | 8 | (D) |
| Other ...................................... | 4,768 | 528 | 323 | 205 | 4,240 | 269 | 2,846 | 596 | 1,050 | 454 | 95 | 350 | 84 | (D) |
| Alrica ................................... | 2,892 | 331 | 294 | 37 | 2,561 | 603 | 221 | -10 | 22 | 32 | 200 | 1,455 | 92 |  |
| South Africa ............................ | 2,561 | 76 | 74 | 2 | 286 | 43 | 57 | -4 | 9 | 14 | 988 | -203 | 89 | 81 |
| Other ..................................... | 2,329 | 255 | 220 | 35 | 2,074 | 559 | 164 | -6 | 13 | 18 | 102 | 1,252 | 3 |  |
| Middle East............................. | 3,592 | 304 | 148 | 156 | 3,288 | 452 | 510 | (*) | 71 | 71 | 174 | 2,017 | 135 |  |
|  | , 659 | (D) | 44 | (0) | (0) | 64 | 105 | 12 | 58 | 46 |  | 2,29 | (0) | 61 |
| Saudi Arabia <br> Othe | 1,561 1,370 | (0) | $10{ }^{3}$ | ${ }_{8}{ }_{8}$ | 1,261 | 103 <br> 285 | $\begin{array}{r}94 \\ 311 \\ \hline\end{array}$ | -12 | $11^{2}$ | 22 | 22 64 | 1,202 | (0) 27 | 31 19 |
| Asia and Pacific.......................... | 27,513 | 8,206 | 4,720 | 3,486 | 19,307 | 5,665 | 2.560 | 1.017 | 2,153 | 1,136 | 1,248 | 7,414 | 1,403 | 1,485 |
| Australia................................. | 1.975 | 549 | 462 | 87 | 1,424 | 60 | 282 | -31 | 146 | 177 | 221 | 631 | 262 | 332 |
| China....................................... | 2,121 | (D) | 202 | (D) | (D) | 895 | 113 | -3 | 21 | 24 | 75 | 678 | (D) | 12 |
| Hong Kong .............................. | 1.930 | 859 | 765 | 94 | 1,071 | 124 | 285 | 11 | 39 | 28 | 98 | 511 | 42 | 42 |
| India .................................... | 1,130 | 42 | 42 | (*) | 1,088 | 696 | 50 | -3 | 3 | 5 | 110 | 216 | 19 | 7 |
| Indonesia ................................ | 827 | 63 | 1357 | ${ }_{267}\left({ }^{(4)}\right.$ | ¢ 764 | 186 | 774 | 13 1020 | 10 1783 | -763 | -27 | 485 | 21 | 136 |
| Japan ..................................... | 9,730 | $\begin{array}{r}4,034 \\ \\ \hline 74 \\ \hline 14\end{array}$ | 1,171 | 203 | 1.556 | 677 | 215 | ${ }_{16} 16$ | 1,784 | ${ }_{2}$ | 109 | 451 |  |  |
| Korea............................... | +861 | 174 | 167 | 6 | ${ }^{387}$ | 149 | 63 | (*) | 5 | 5 | 28 | 134 | 13 | 8 |
| New Zealand............................... | 321 | 19 | 18 |  | 302 | 21 | 26 | 6 | 8 | 1 | 18 | 170 | 61 | 57 |
| Philippines ................................ | 509 | 77 | 75 | 2 | 432 | 52 | 59 | 9 | 11 | 2 | 33 | 250 | 30 | 21 |
| Singapore................................ | 2.613 | 1,388 | 1,073 | 315 | 1,225 | 70 | 262 | -28 | 15 | 43 | 103 | 792 | 26 | 25 |
|  | 1,551 | 339 111 1 | 209 107 | 129 4 | 1,212 | 480 180 | $\begin{array}{r}219 \\ 34 \\ \hline\end{array}$ | 5 | 55 13 | 51 | 100 | 354 | ${ }_{28}^{53}$ | 78 |
| Other......................................... | 1,847 | (0) | 0 | (D) | (D) | 1,172 | 146 | -3 | 2 | 5 | 51 | 338 | (0) | 4 |
| International organizations and unallocated | 3,601 | 97 | 97 | 0 | 3,504 | 0 | 8 | 45 | 196 | 150 | (*) | 80 | 3,375 | 222 |
| Addenda: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| European Union ${ }^{1}$ <br> Eastern Europe ${ }^{2}$ | 34,582 1,793 | $\left.\begin{array}{r} 14,364 \\ 119 \end{array} \right\rvert\,$ | $\begin{aligned} & 9,002 \\ & 101 \end{aligned}$ | $\begin{array}{r} 5,362 \\ 18 \end{array}$ | $\begin{array}{r} 20,219 \\ 1,675 \end{array}$ | $\begin{aligned} & 834 \\ & 449 \end{aligned}$ | $\begin{array}{r} 6,484 \\ 102 \end{array}$ | $\begin{array}{r} 141 \\ 12 \end{array}$ | 2,728 56 | 2,587 | $\begin{array}{r} 730 \\ 47 \end{array}$ | $\begin{array}{r} 8,250 \\ 823 \end{array}$ | $\begin{array}{r}3,780 \\ \hline 243\end{array}$ | 5,257 |

See footnotes at the end of the table.

Table 5.4.-Other Private Services, 2000-Continued
[Millions of dollars]

|  | Payments |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | Affiliated |  |  | Unatitiliated |  |  |  |  |  |  |  |  |  |
|  |  | Total | By U.S. parents to their foreign affiliates | By U.S. affiliates to their foreign parents | Total | Education | Financial services | Insurance |  |  | Telecommunica-tions | Business, professional, and technica services | Other services | Addendum |
|  |  |  |  |  |  |  |  | Net | Premiums | Losses |  |  |  | Film and tape rentals |
| All countries .................... | 54,687 | 25,300 | 12,980 | 12,320 | 29,387 | 2,140 | 4,482 | 9,189 | 27,923 | 18,734 | 5,360 | 7,776 | 440 | 149 |
| Canada...................................... | 4,555 | 2,165 | 778 | 1,387 | 2,389 | 14 | 227 | 217 | 698 | 482 | 222 | 1,541 | 168 | 20 |
| Europe ............... | 26,649 | 15,059 | 7,555 | 7,504 | 11,590 | 1,240 | 2,922 | 3,023 | 11,377 | 8,355 | 700 | 3,550 | 154 | 80 |
| Belgium-Luxembourg................ | 3,695 | 2,468 | 567 | 1,901 | 1,228 | 154 | 179 | 516 | 795 | 279 | 46 | 317 | 16 | 8 |
| Germany............................... | 2,952 | 2,082 | 702 | 1,380 | 868 | 67 | 246 | 20 | 2,423 | 2,403 | 92 | 431 | 12 | 2 |
| Italy .................................... | 830 | 251 | 137 | 114 | 579 | 166 | 97 | 86 | 99 | 13 | 54 | 163 | 13 | 8 |
| Netherlands ............................. | 1,482 | 1,141 | 236 | 905 | 341 | 22 | 129 | 27 | (0) | (0) | 25 | $\begin{array}{r}129 \\ \hline 18\end{array}$ | 10 | ${ }^{6}$ |
| Norway............................. | 165 657 | 107 245 | $\begin{array}{r}15 \\ 228 \\ \hline\end{array}$ | ${ }_{18}^{92}$ | $\begin{array}{r}58 \\ 412 \\ \hline\end{array}$ | 198 | 16 57 | 13 | 14 19 | $\begin{array}{r}13 \\ 6 \\ \hline\end{array}$ | 11 32 | 108 | 5 | 2 |
| Sweden ................................. | 440 | 260 | 63 | 197 | 180 | 7 | 70 | 7 | 111 | 105 | 14 | 71 | 11 | (0) |
| Switzerland............................ | 1.578 | 1,011 | 269 | 742 | 567 | 12 | 224 | 66 | 1,088 | 1,022 | 27 | 233 | 5 | 1 |
| United Kingdom Other $\qquad$ | 11,730 2,380 | 5,913 | 4,369 | $\begin{array}{r}1,545 \\ \hline 549\end{array}$ | 5,819 | 422 172 | 1,591 | 2,208 4 | 4,792 | 2,583 | 106 275 | $\begin{array}{r}1,439 \\ \hline 534\end{array}$ | (D) | (D) |
| Latin America and Other Western Hemisphere $\qquad$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 12,013 | 2,492 | 908 | 1,584 | 9,521 | 531 | 416 | 5,763 | 15,114 | 9,350 | 2,202 | 589 | 20 | 9 |
| South and Central America.......... | 3,833 | 773 | 566 | 207 | $\begin{array}{r}3,060 \\ \hline 130\end{array}$ | 458 |  |  |  |  | $\begin{array}{r}1,911 \\ \hline 28\end{array}$ | 533 70 | 16 2 | ${ }^{8}$ |
| Argentina $\qquad$ <br> Brazil | 234 419 | 104 108 | 103 98 | 9 | 130 311 | 19 16 | 41 | -10 | (0) | (0) | 28 123 | 70 131 | ? | ${ }^{*}{ }^{*}$ |
| Chile................................. | 129 | 53 | 5 | 48 | 76 | 26 | 4 |  | 3 | 2 | 26 | 19 | 0 | (*) |
| Mexico ............................. | 1,983 | 476 | 331 | 145 | 1,506 | 195 | 52 | 5 | 16 | 11 | 1,109 | 139 | 6 |  |
| Venezuela ............................. | 136 | 10 | ${ }^{8}$ | ${ }_{1}^{2}$ | ${ }^{125}$ | 7 | ${ }_{35}^{8}$ | -1 | 0 | ${ }^{1}$ | 54 | - 52 | 5 | ${ }^{5}$ |
| Other Western Hemisphere............ | 8,180 | 1722 1,719 | 21 343 | 1,376 | 912 6,461 | 196 73 | -35 | $\begin{array}{r}\text { 5,783 } \\ \hline\end{array}$ | 15,042 | 9,259 | 572 291 | $\begin{array}{r}122 \\ \\ 56 \\ \hline\end{array}$ | 3 | ( ${ }^{\text {a }}$ |
| Bermuda............................. | 6,139 | 1,283 | 233 | 1,049 | 4,856 | 1 | 99 | 4,724 | 10,576 | 5,852 | 7 | 25 | 0 | 0 |
| Other.................................. | 2,041 | 436 | 109 | 327 | 1,605 | 71 | 156 | 1,059 | 4,467 | 3,407 | 284 | 31 | 4 | 1 |
| Africa | 672 | 130 | 125 |  | 542 |  |  | -1 |  |  | 222 |  | 1 |  |
| South Africa .......................... | 211 461 | (0) | (0) | 2 | (0) | (D) | 14 17 | -1 | 2 | 4 | 43 178 | $\begin{array}{r}43 \\ 186 \\ \hline\end{array}$ | 1 | * |
| Middle East............................... | 954 | 358 | 340 | 19 | 596 | 57 | 53 | 2 | 9 | 7 | 234 | 249 | 1 |  |
| Israel .................................... | 499 | 310 | 297 | 13 | 189 | 55 | 15 | -2 | 5 | 8 | 44 | 77 | 0 |  |
| Saudi Arabia ............................ | 152 | 3 | 3 | 0 | 149 | 0 | 19 | 0 | (*) | (*) | 37 | 93 | 0 | 0 |
| Other ..................................... | 300 | 45 | 39 | 6 | 255 | 2 | 17 | 4 |  | -1 | 153 | 78 | 1 | 0 |
| Asia and Pacific......................... | 9,572 | 5,064 | 3,243 | 1,821 | 4,508 | 235 | 833 | 142 | 633 | 491 | 1,614 | 1,615 | 69 | 39 |
| Australia ................................. | 869 | 439 | 366 | 73 | ${ }_{4}^{424}$ | 88 16 | 5 | ${ }^{26}$ | 138 | 112 | 75 119 | 173 | 4 | ${ }^{1}$ |
|  | 1,297 | 1,053 | 854 | 199 | 244 | 2 | 94 | 8 | 5 | -3 | 44 | 96 | 0 | * |
| India..................................... | 789 | (D) | 44 | (0) | (D) | (D) | 27 | -1 |  | 2 | 506 | 165 | 0 | (*) |
| Indonesia ............................... |  |  |  |  | 81 |  | 9 |  | 1 | 0 | 34 | 36 | 0 | 0 |
| Japan .................................... | 3,725 | 2,481 | 1,182 | 1,299 | 1,245 | 37 | 318 | 81 | 421 | 340 | 98 | 672 | 39 | 37 |
| Korea................................. | 391 94 | 168 57 | $\begin{array}{r}133 \\ 54 \\ \hline\end{array}$ | $\begin{array}{r}35 \\ 3 \\ \hline\end{array}$ | 223 37 | 3 0 | $\begin{array}{r}45 \\ 11 \\ \hline\end{array}$ | 6 0 0 |  | ${ }_{(*)}^{8}$ | 77 15 | 92 <br> 11 | 0 | 1 |
| New Zealand | 143 | (D) | 54 19 | (D) | (D) | (D) | 43 | 3 | 5 | 2 | 41 | 9 | 0 | (*) |
| Philippines .............................. | 206 | 17 | 17 | (c) | 189 | 1 | (0) | (D) | (D) | (0) | 121 | 44 | 0 | 0 |
| Singapore................................ | 553 | 383 | 332 | 51 | 170 |  | 88 | (*) | 3 | 2 | 53 | 48 | 0 | (*) |
| Taiwan | 279 115 | 124 30 | 37 25 | 88 5 | $\begin{array}{r}155 \\ 85 \\ \hline\end{array}$ | 1 3 | 31 9 | (*) | 5 1 | 3 | 54 27 | 67 46 | 0 | (\%) |
| 0ther ....................................... | 610 | 10 | 9 | 1 | 600 | 65 | (0) | (D) | (D) | (D) | 368 | 54 | 26 | 0 |
| International organizations and unallocated | 273 | 32 | 32 | 0 | 243 | 0 | 0 | 44 | 88 | 45 | 167 | 4 | 28 | : |
| Addenda: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| European Union ${ }^{\dagger}$ <br> Eastern Europe ${ }^{2}$ | $\begin{array}{r} 24,194 \\ 426 \end{array}$ | $\begin{array}{r} 13,849 \\ 41 \end{array}$ | $\begin{array}{r} 7,208 \\ 41 \end{array}$ | $\begin{array}{r} 6,641 \\ (*) \end{array}$ | $\begin{array}{r} 10,346 \\ 385 \end{array}$ | $\begin{array}{r} 1,130 \\ 53 \end{array}$ | $\begin{array}{r} 2,607 \\ 25 \end{array}$ | $\begin{array}{r} 2,962 \\ -3 \end{array}$ | $\begin{gathered} 10,274 \\ \left({ }^{*}\right) \end{gathered}$ | $\begin{array}{r} 7,312 \\ 4 \end{array}$ | $\begin{aligned} & 456 \\ & 138 \end{aligned}$ | $\begin{array}{r} 3,047 \\ 171 \end{array}$ | 144 1 | 78 0 |

* Less than $\$ 500,000$.
- Suppressed to avoid disclosure of data of individual companies.

[^38]Table 6.1.-Insurance, 1997
[Millions of dollars]

|  | Receipts |  |  |  |  |  |  |  |  | Payments |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total |  |  | Primary insurance |  |  | Reinsurance |  |  | Total |  |  | Primary insurance |  |  | Reinsurance |  |  |
|  | Net | Premiums received | $\begin{gathered} \text { Losses } \\ \text { paid } \end{gathered}$ | Net | Premiums received | $\underset{\text { paid }}{\text { Losses }}$ | Net | Premiums received | $\begin{gathered} \text { Losses } \\ \text { paid } \end{gathered}$ | Net | $\begin{aligned} & \text { Premiums } \\ & \text { paid } \end{aligned}$ | $\begin{array}{\|c\|} \hline \text { Losses } \\ \text { recovered } \end{array}$ | Net | $\begin{array}{\|c\|} \hline \text { Premiums } \\ \text { paid } \end{array}$ | $\begin{array}{\|c\|} \hline \text { Losses } \\ \text { recovered } \end{array}$ | Net | Premiums paid | Losses recovered |
| All countries ... | $\begin{array}{r} 2,473 \\ 389 \\ \mathbf{1 , 0 0 3} \\ 53 \\ 131 \\ 214 \\ 39 \\ -38 \\ 11 \\ 16 \\ 10 \\ -1 \\ 518 \\ 50 \end{array}$ | 6.118 | $3,645$ | $\begin{array}{r} 444 \\ 83 \end{array}$ | $\begin{gathered} 865 \\ 186 \end{gathered}$ | $421$ | 2,029 | $5,253$ | $\begin{array}{r} 3,224 \\ 504 \\ \hline \end{array}$ | $\begin{array}{r} 5,873 \\ 518 \end{array}$ | 15,211 | $9,338$ | $\begin{array}{\|r\|} \hline 1,558 \\ 108 \end{array}$ | $\begin{array}{r} 1,644 \\ 108 \end{array}$ |  | 4,315 | 13,567 |  |
| Canada............................ |  | 996 |  |  |  |  | 306 |  |  |  |  |  |  |  | (*) | 411 | 969 | 559 |
| Europe. |  | 2,553 | 1,550 | 163 | 222 | 59 | 840 | 2,331 | 1,491 | 1,835 | 6,925 | 5,090 | 1,149 | 1,188 | 40 | 687 | 5,737 | 5,050 |
| Belgium-Luxembourg. |  | 228 | 45 89 | $\stackrel{2}{7}$ | + ${ }^{5}$ | 3 5 | 51 | +94 | ${ }_{84}^{43}$ | 35 319 | 561 | 4 | 14 <br> 88 | 14 <br> 88 | ${ }^{*}$ | $\begin{array}{r}21 \\ 232 \\ \hline\end{array}$ | -66 | 241 |
| Germany.................................... |  | 469 | 255 | 11 | 17 | 6 | 203 | 452 | 249 | 162 | 1,311 | 1,149 | 33 | 33 | (*) | 129 | 1,278 | 1,149 |
| Italy ....................................... |  | 78 | 39 | 3 | 5 | 2 | 36 | 73 | 37 | 0 | 70 | 71 | 3 | 3 | * | -3 | 68 | 71 |
| Netherlands ............................ |  | 41 | 79 | 2 | 5 | 3 | -40 | 37 | 77 | -109 | 32 | 141 | (*) | (*) | ${ }^{*}$ | -110 |  | 141 |
| Norway................................... |  | 49 24 | $\begin{array}{r}37 \\ 8 \\ \hline\end{array}$ | (D) | (D) | 5 2 | (0) | (D) | 32 6 |  | 7 | 14 5 | ${ }^{(*)}$ | (*) | ${ }_{(*)}$ | -6 | 5 7 | 11 5 |
|  |  | 28 | 18 | 2 | 4 | $\stackrel{2}{2}$ | -88888 | 24 | 16 | -9 | 72 | 80 | 1. | 1 | (*) | $-10$ | 70 | 80 |
| Switzerland............................ |  | 55 | 56 | 2 | 4 | 2 | -3 | 51 | 53 | -247 | 591 | 839. | 28 | 34 | ${ }^{6}$ | -276 | 557 | 833 |
| United Kingdom ................ |  | 1,333 | 815 | 115 | 137 | 23 | 403 | 1,196 | 793 | 1,755 | 3,694 492 | 1,939 | 964 | 995 10 | ${ }^{31}$ | -891 | 2,699 ${ }_{481}$ | 1,908 |
| Other.............................. |  | 157 | 107 | (0) | (D) | 7 | (D) | (D) | 101 |  |  |  |  |  |  |  |  |  |
| Latin America and Other Western Hemisphere. | 600 | 1,391 | 791 | 130 | 191 | 60 | 470 | 1,201 | 731 | 3,265 | 6,644 | 3,378 | 280 | 325 | 45 | 2,985 | 6,318 | 3,333 |
| South and Central America.......... | 163 | 595 | 433 | 115 | 172 | 57 | 47 | 423 | 376 | -11 |  | 55 | 25 | ${ }^{26}$ | (*) |  |  | 55 |
| Argentina........................... | ${ }_{8}^{4}$ | $\begin{array}{r}115 \\ 26 \\ \hline\end{array}$ | 111 18 | 33 10 | 45 13 | 12 | -29 | 13 13 | 99 16 | -8 | (0) | (0) | (*) | * * | $\stackrel{*}{*}$ | -5 -8 | (0) | (0) |
| Chile ............................................... | 20 | 80 | 61 | 6 | 7 | 1 | 14 | 74 | 60 | -1 |  | 2 | 1 | 1 | * | -2 | (*) | 2 |
| Mexico ..................................... | 47 | 114 | 67 | 22 | 31 | 9 | 25 | 82 | 58 | -4 | 2 | 7 | ** | * | * | -5 |  | 7 |
| Venezuela............................ | 11 | 29 | 17 | 9 | 10 |  | 3 | 19 | 16 | -1 | 4 | 6 | (0) | (D) | (*) | -6 | (0) | (D) |
| Other --........................ | 73 | 232 | 159 | 36 | 67 | 32 | 37 | 164 | 127 |  | (D) | (D) | (0) | ( ${ }^{\text {d }}$ |  | -10 | (0) | (0) |
| Other Western Hemisphere ......... | 438 | 796 | 358 | 15 | 18 | 3 | 423 | 778 360 | 355 | 3,276 | 6,599 4 4 | 3,323 | 255 |  | 45 | 3,021 | 6,299 | 3,278 1843 |
| Bermuda <br> Other. $\qquad$ | 372 | 364 432 | 60 60 | 11 | 14 | 3 | $36{ }^{62}$ | 360 418 | 57 | ${ }^{2.806}$ | 2,242 | 1,436 | ${ }^{2} 12$ | 13 | 1 | 794 | 2,229 | 1,435 |
| Atrica. | 7 | 16 | 9 | 2 | 3 | 1 | 5 | 13 | 8 | 5 | 8 | 2 | 2 | 2 | ${ }^{*}$ ) | 3 | 6 | 2 |
|  | 4 | 8 9 | 4 5 | 1 | 1 3 | (\%) | $\begin{array}{r}3 \\ 2 \\ \hline\end{array}$ | 7 6 | 4 | -1 | 1 6 | $\stackrel{2}{1}$ | ${ }^{*}$ | ${ }^{2}$ | (*) | -1 | 5 | ${ }_{(*)}$ |
| Middle East.............. | 13 | 50 | 37 |  | 2 | * | 11 |  | 37 | 3 | 6 |  |  | 2 | *) | 1 | 4 |  |
| Israel | (*) | 35 3 | 34 | ${ }^{*}$ ) | 1 | * | 0 | $\begin{array}{r}34 \\ 3 \\ \hline\end{array}$ | 34 | -1 | ${ }^{1}$ | ${ }^{2}$ | ${ }^{*} \times$ | ** | $\stackrel{*}{*}$ | -1 |  |  |
| Saudi Arabia .......................... | 10 | 12 | 2 |  | 1 | (*) | 10 | 11 | 2 | 4 | 5 | 1 | 左 | 2 | (*) | 2 | 3 | 1 |
| Asia and Pacific........... | 394 | 894 | 501 | 26 | 82 | 56 | 368 | 812 | 444 | 200 | 514 | 314 |  |  | ** | 181 | 495 | 314 |
| Australia .................. | 32 | 117 | 85 | -4 | 19 | 23 |  |  |  | 83 | 188 | 105 | 9 | ${ }^{9}$ | * | 75 | 80 | 105 |
| Hong Kong ........ | -12 | 37 | 25 | 1 | (D) | (D) | 11 | (D) | (0) | 19 | 6 | -13 | 3 | 3 | * | 16 | 3 | -13 |
| India....................................... | ( 1 | 7 | 7 | 0 | . | ) | (*) | 6 | 6 | 1 | 3 | ${ }^{2}$ | (*) | (*) | * | 1 | 3 | 2 |
| Indonesia ......... | -2 | 15 | 17 | 1 | 1 | ${ }^{*}{ }^{*}$ | -3 | 14 | ${ }^{16}$ | $3{ }_{3}$ | $7^{3}$ | $\stackrel{*}{*}_{179}$ | 5 | 1 | * | $8{ }^{2}$ | 267 | (*) |
| Japan ............ | 287 | $\begin{array}{r}484 \\ 83 \\ \hline\end{array}$ | 197 |  | 11 |  | 280 | 472 | 192 <br> 14 <br> 1 | 9 | 27 | 5 | * | * | * |  | 9 | 5 |
| Malaysia....... | 3 | 13 | 9 | 1 | 1 | (*) | 3 | 12 | 9 | -1 | (*) | 1 | ** | * | * | -1 | * |  |
| New Zealand........................... | 9 | 13 | 4 | 1 | 1 | (\%) | 9 | 12 | 3 | 10 | 12 | 1 | * | * | * | 10 | 11 | 1 |
| Philippines ......... | 5 | 15 | 10 | 8 | 2 |  |  | 13 |  | -4 | 1 | ${ }^{5}$ | * | * | * | -4 | 1 | 5 |
| Taiwan............... | 28 | 111 | 83 | 10 | 12 | 3 | 19 | 99 | 80 | 0 | 5 | 5 | * | * | * | -1 | 4 | 5 |
| Thailand ..................................... | 8 | 14 2 | 6 2 | $\left({ }^{*}\right)^{1}$ | (*) | (*) | 7 -1 | 13 | $\stackrel{6}{2}$ |  | 5 | 1 | $\stackrel{*}{*} \times$ | (*) | ${ }^{*} \times$ | 3 2 | 5 3 | 1 |
| International organizations and unallocated. | 66 | 216 | 150 | 38 | 178 | 140 | 28 | 38 | 10 | 47 | 38 | -10 | (*) | (*) | 0 | 47 | 38 | -10 |
| Addenda: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| European Union ${ }^{1}$..................... | 979 | 2,418 | 1,438 | ${ }^{147}$ (*) | 198 | 51 | 833 | 2,220 | 1,387 | 2,078 | 6,317 | 4,240 | 1,112 | 1,144 | 32 | 966 | 5,174 | 4,208 |
| Eastern Europe ${ }^{2}$........................ | 11 | 25 | 13 | (*) | 1 | 1 | 11 | 23 | 2 |  |  | -2 | (*) | (*) | (*) | 3 | (*) |  |

Table 6.2.-Insurance, 1998
[Millions of dollars]


Table 6.3.-Insurance, 1999
[Millions of dollars]

|  | Receipts |  |  |  |  |  |  |  |  | Payments |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total |  |  | Primary insurance |  |  | Reinsurance |  |  | Total |  |  | Primary insurance |  |  | Reinsurance |  |  |
|  | Net | Premiums received | Losses paid | Net | Premiums received | $\left\lvert\, \begin{gathered} \text { Losses } \\ \text { paid } \end{gathered}\right.$ | Net | Premiums received | Losses paid | Net | $\begin{aligned} & \text { Premiums } \\ & \text { paid } \end{aligned}$ | Losses recovered | Net | $\underset{\text { paid }}{\text { Premiums }}$ | Losses | Net | $\left\|\begin{array}{c} \text { Premiums } \\ \text { paid } \end{array}\right\|$ | Losses recovered |
| All countries ..................... | 1,299 | 7,282 | 5,983 | 687 | 1,084 | 397 | 612 | 6,198 | 5,586 | 3,206 | 21,568 | 18,362 | 1,364 | 1,548 | 184 | 1,842 | 20,020 | 18,178 |
| Canada.... | 207 | 923 | 716 | 28 | 95 | 67 | 180 | 828 | 649 | 293 | 723 | 430 | 42 | 42 | (*) | 251 | 681 | 430 |
| Europe ..................................... | 157 | 2,679 | 2,522 | 105 | 161 | 57 | 52 17 | 2,518 | 2,465 | -250 61 | 9,510 | 9,760 90 | 1,152 | 1,189 3 | ${ }^{36}$ | $-1,402$ 58 1 | 8,321 148 | 9,723 90 |
| Belgium-Luxembourg....................................... France..............$~$ | 18 101 | 101 348 | $\begin{array}{r}83 \\ 247 \\ \hline 2\end{array}$ | 1 3 | 2 5 | 1 2 | 17 <br> 98 <br> 8 | 99 343 | $\begin{array}{r}82 \\ 245 \\ \hline\end{array}$ | 61 239 | 151 664 | 90 425 | [ ${ }^{3} \mathrm{3}$ | 183 | (*) | 58 196 | 148 621 | 90 425 |
| Germany..................... | -15 | 350 | 365 | 5 | 7 | 2 | -20 | 343 | 362 | 556 | 2,381 | 1,825 | 34 | 34 | * | 522 | 2,347 | 1,825 |
| Italy ....................................... | 21 | 106 | 86 | 2 | 2 | (*) | 19 | 104 | 85 | 18 | 123 | 105 | 7 | 7 | * | 11 | 116 | 105 |
| Netherlands.............................. | 7 | 36 | 29 | 7 | 4 | -3 | -1 | 32 | 33 | -500 | (D) | (D) | (*) | (*) | * ${ }^{*}$ | -500 | (D) | (D) |
| Norway .................................... | -31 | 44 | 75 | -1 | 5 | 5 | -31 | 39 | 70 | $3^{3}$ | 14 | 11 | ${ }^{9}$ | * | ** | -6 | 5 | 11 |
| Spain ....................................... | -5 | 44 | 50 | (D) | (D) | 0 | (D) | (0) | 50 | 10 -36 | 14 | 4 | (*) | (*) | ** | - 9 | 13 <br> 84 | $1{ }^{4}$ |
| Sweden ................................. | -13 -4 | 17 | 31 71 | (D) ${ }^{1}$ | (D) | 0 6 | -14 | 17 (0) | 31 <br> 65 | -36 -332 | 84 749 | 120 1.081 | ${ }^{*}{ }_{7}$ | ${ }^{*}$ | (*) | -36 -339 | $\begin{array}{r}84 \\ 737 \\ \hline\end{array}$ | 120 1,076 |
| Switzerland.............................. | -4 92 | 68 1.378 | 71 1,286 | (D) | (D) | 6 30 | (D) | $\begin{array}{r}\text { (D) } \\ 1.283 \\ \hline\end{array}$ | - 1,256 | -332 553 | 749 4,295 | 1,081 3,742 | [ 7 | 1,077 | 35 | -339 -493 | 737 3,218 | 1,076 3,711 |
| United Kingdom $\qquad$ Other | 92 -12 | 1,378 188 | 1,286 | (64 ${ }^{\text {( })}$ | 95 13 | 30 13 | 27 -12 | 1,283 | 1,256 | 553 -824 | 4,295 (D) | 3,742 (D) | 1,046 3 | 1,077 3 | (*) | -493 | 3,218 (D) | 3,711 (0) |
| Latin America and Other Western Hemisphere $\qquad$ | 681 | 2,452 | 1,771 | 527 | 573 | 46 | 154 | 1,879 | 1,725 | 3,095 | 10,817 | 7,723 | 143 | 290 | 147 | 2,951 | 10,527 | 7,576 |
| South and Central America............................... | 174 | 700 | 526 | (D) | (D) | 39 | (D) | (D) | 487 | -12 | + 37 | 49 | 2 | 2 | (*) | -14 | 35 | 49 |
| Argentina............................. | 99 | 230 | 131 | 80 | 84 | 4 | 18 | 145 | 127 | -9 | 15 | 24 | ** | ** | ** | -9 | 15 | 24 |
| Brazil .................................. | 7 | 21 | 15 | 8 | 9 | 2 | -1 | 12 | 13 | 8 | 9 | 1 | * | (*) | ** | 8 | ${ }^{9}$ | ${ }^{*}$ |
| Chile ................................... | ${ }^{6}$ | 57 149 | 51 | (D) | (D) | 1 | ( ${ }^{4}$ ) | (D) | 50 | 0 | (*) | (*) | (*) | * | ** | 0 | (*) | (*) |
| Mexico ................................ | 72 | 149 | 77 34 | 30 | 34 | 4 | 42 -13 | 115 | 73 | (*) | ${ }^{*}$ | 4 | ${ }^{*}$ | ** | * ${ }^{*}$ | ${ }_{*}^{*}$ | ${ }^{*}$ | 4 0 |
| Venezuela ............................ | -11 1 | $\begin{array}{r}23 \\ 220 \\ \hline\end{array}$ | r34 | 28 | $\begin{array}{r}3 \\ 55 \\ \hline\end{array}$ | 1 27 | -13 -26 | -20 | 193 | (*) | (*) | - 19 | ${ }^{*}$ * | (*) | ** | ( ${ }^{*}$ ) | ${ }^{*}{ }^{\prime}$ | 0 |
| Other Western Hemisphere ................................ | 507 | 1,752 | 1,245 | (D) | (D) | 7 | (D) | (D) | 1,238 | 3,107 | 10,781 | 7,674 | 142 | 288 | 147 | 2,965 | 10,492 | 7,527 |
| Bermuda................................ | 15 | 954 | 939 | 4 | 4 | 1 | 11 | 949 | 938 | 2,551 | 7,811 | 5,260 | 141 | 277 | 135 | 2,410 | 7,534 | 5,124 |
| Other .................................. | 492 | 798 | 306 | (D) | (D) | 6 | (D) | (D) | 300 | 555 | 2,969 | 2,414 | (*) | 11 | 11 | 555 | 2,958 | 2,403 |
| Africa ....................................... | -18 | 11 | 29 | ${ }^{2}{ }^{2}$ | 2 | 1 | -20 | 9 | 29 | (*) | 3 | 2 | 1 | 1 | ** | -1 | 1 | 2 |
| South Africa $\qquad$ Other $\qquad$ | -20 | 5 6 | 3 26 | (*) | (*) | (*) | -22 | 5 4 | +3 | (*) | 1 | 1 | (*) | (*) | (**) | 0 -1 | 1 | 1 |
| Middle East................................. | -11 | 71 | 82 | -1 | 2 | 3 | -10 | 69 | 80 | (*) | 7 | 7 | 5 | 5 | **) | -5 | 2 | 7 |
| Israel ........................................ | 11 | 42 | 31 | -1 | 1 | 2 | 12 | 41 | 29 | -3 | 1 | 3 | *) | ** | ** | -3 | (*) | 3 |
| Saudi Arabia ........................................ | -1 | 3 | 3 | 0 | (*) | (*) | -1 | 2 | 3 |  | (*) | 0 | (*) | (*) | * | 1 |  | 0 |
| Other ...................................... | -22 | 26 | 48 | (*) | (*) | (*) | -22 | 26 | 48 | 2 | 7 | 4 | 5 | 5 | (*) | -2 | 2 | 4 |
| Asia and Pacific........................... | 241 | 949 | 708 | 46 | 134 | 88 | 195 | 815 | 620 | 86 | 490 | 404 | 21 | 21 | (*) | 65 | 469 | 404 |
| Australia ..................................... | 4 | 160 | 156 | 2 | 49 | 48 | 2 | 110 | 108 | -41 | 189 | 231 | 5 | 5 | * $*$ | -46 | 184 | 230 |
| China ..................................... | (*) | 17 | 17 | -1 | 2 | 3 | 1 | 15 | 14 | 1 | 3 | 2 | 2 | 2 | * ${ }^{*}$ | -1 | 1 | 2 |
| Hong Kong .............................. | 20 | 34 | 14 | (D) | (D) | 7 | (D) | (D) | 7 | 19 | 4 | -15 | (D) | (D) | *) | (D) | (D) | -15 |
| India ...................................... | 0 | 6 | ${ }^{6} 1$ | ** | (*) | (*) | 0 | 6 | 6 | -2 | 2 | 4 | (*) | (*) | * | -2 | ${ }^{2}$ | 4 |
| Indonesia ................................. | -6 | 5 | 11 | ( ${ }^{\text {a }}$ | ( $\downarrow$ | , | -6 | 4 | 10 | 1 | 1 | 0 | 1 | 1 | ** | (*) | (*) | 0 |
| Japan ...................................... | 226 | 548 | 322 | (D) | (D) | 2 | (D) | (D) | 320 | 109 | 269 | 160 | (D) | (D) | * ${ }^{*}$ | (D) | (D) | 160 |
| Korea...................................... | -1 | 35 | 36 | 8 | 12 | 4 | -9 | 23 | 32 | 2 | 14 | 12 | ** | * ${ }^{*}$ | (*) | 2 | 14 | 12 |
| Malaysia ................................. | 3 | 8 | 5 | * ${ }^{1}$ | 1 | (*) | 3 | 7 | 5 | 0 | (*) | (*) | ** | ** | ${ }^{0}$ | 0 | (*) | (*) |
| New Zealand ............................ | 8 | 12 | 4 | (*) | 1 | (*) | 8 | 11 | 4 | 0 | (*) | 2 | * * | ** | ** | 0 | (*) | 2 |
| Phitippines ............................... | -7 | 14 | 21 | 1 | 1 | ${ }^{1}$ | -7 | 13 | 20 | 1 | (*) | -1 | * | * * | * | ${ }^{+}$ | (*) | -1 |
| Singapore................................ | -2 | 32 | 34 | 8 | (0) | (0) | -9 | (D) | (D) | , | 3 | 3 | ** | * | * | ( ${ }^{1}$ | 2 | 3 |
| Thailand ......................................................... | (*) | 17 | 17 | -2 | (0) | (0) | 3 | 15 | (b) | -1 | (*) | * | ** | * | * | 0 |  | *) |
| 0ther ....... | -6 | 3 | 1 | (*) | (*) | ${ }^{*}$ ) | -6 | 3 | 9 | -2 | 2 | 5 | (*) | (*) | (*) | -3 | 2 | 5 |
| International organizations and unallocated | 42 | 197 | 155 | -20 | 117 | 137 | 62 | 80 | 18 | -18 | 18 | 36 | (*) | (*) | 0 | -18 | 18 | 36 |
| Addenda: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| European Union ' $\qquad$ Eastern Europe ${ }^{2}$ | 196 -4 | 2,505 44 | 2,309 48 | 88 | 127 | $\begin{aligned} & 44 \\ & \left(^{*}\right) \end{aligned}$ | 113 -5 | 2,378 43 | $\begin{array}{r} 2,265 \\ 47 \end{array}$ | 82 -2 | 8,744 $(*)$ | 8.662 | 1,136 ${ }^{(*)}$ | 1,167 $(*)$ | (*) | $-1,054$ -3 | 7,577 ${ }_{(*)}$ | 8,631 3 |
| * Less than $\$ 500,000$. <br> D Suppressed to avoid disclosure | data of | individual $c$ | mpanies. |  |  |  |  |  | 1. See tab <br> 2. See ta | 2, foo 2, foo | tnote 2. tnote 3. |  |  |  |  |  |  |  |

Table 6.4.-Insurance, 2000
[Millions of dollars]

|  | Receipts |  |  |  |  |  |  |  |  | Payments |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total |  |  | Primary insurance |  |  | Reinsurance |  |  | Total |  |  | Primary insurance |  |  | Reinsurance |  |  |
|  | Net | Premiums received | Losses paid | Net | Premiums received | $\begin{aligned} & \text { Losses } \\ & \text { paid } \end{aligned}$ | Net | Premiums received | Losses paid | Net | Premiums paid | $\left\|\begin{array}{c} \text { Losses } \\ \text { recovered } \end{array}\right\|$ | Net | Premiums paid | Losses recovered | Net | Premiums paid | Losses recovered |
| All countries ..................... | 2,412 | 8,898 | 6,486 | 817 | 1,322 | 505 | 1,595 | 7,576 | 5,981 | 9,189 | 27,923 | 18,734 | 1,602 | 1,804 | 202 | 7,587 | 26,119 | 18,532 |
| Canada...................................... | 338 | 1,048 | 710 | 85 | 135 | 50 | 253 | 913 | 660 | 217 | 698 | 482 | 69 | 69 | (*) | 147 | 629 | 482 |
| Europe .................................... | 111 | 2,897 | 2,786 | 102 | 208 | 106 | 9 | 2,689 | 2,680 | 3,023 | 11,377 | 8,355 | 1,198 | 1,248 | 50 | 1,824 | 10,129 | 8,305 |
| Belgium-Luxembourg.................................................... France ......... | r 32 | 99 396 | $\begin{array}{r}67 \\ 505 \\ \hline\end{array}$ | 5 | 1 | 1 | r 31 | 98 390 | $\begin{array}{r}66 \\ 503 \\ \hline\end{array}$ | 75 516 | 114 795 | 39 279 | 5 11 | 13 | 0 3 | 71 505 | 109 782 | 279 |
| Germany........................................................ | -122 | 348 | 469 | 6 | 9 | 3 | -128 | 339 | 467 | 20 | 2,423 | 2,403 | 18 | 19 | 1 | 2 | 2,404 | 2,402 |
| Italy ............................................................ | 25 | 91 | 66 | 1 | 2 | 1 | 23 | 89 | 66 | 86 | 99 | 13 | 1 | 1 | 0 | 85 | 2, 98 | 13 |
| Netherlands............................. | -1 | 20 | 20 | 5 | 5 | (*) | -6 | 14 | 20 | 27 | (D) | (D) | (*) | (*) | 0 | 26 | (D) | (D) |
| Norway .................................... | -23 | 45 | 69 | 5 | 8 | 3 | -28 | 38 | 66 | 1 | 14 | 13 | 6 | 6 | (*) | -6 | 8 | 13 |
| Spain ...................................... | -24 | 46 | 70 | 1 | 1 | ** | -25 | 45 | 70 | 13 | 19 | 6 | (*) | $\left.{ }^{*}\right)$ | 0 | 13 | 19 | ${ }^{6}$ |
| Sweden .................................. | $-17$ | 26 | 43 | 2 | 2 | (*) | -19 | 24 | 43 | 7 | 111 | 105 | 4 | 4 | 0 | 3 | 108 | 105 |
| Switzeriand.............................. | -23 | 50 | 74 | -1 | 1 | 2 | -23 | 49 | 72 | 66 | 1,088 | 1,022 | 22 | 22 | 0 | 45 | 1,066 | 1,022 |
| United Kingdom ....................... | 304 | 1,461 | 1,157 | 78 | 130 | 52 | 226 | 1,330 | 1,105 | 2,208 | 4,792 | 2,583 | 1,131 | 1,177 | 47 | 1,078 | 3,614 | 2,537 |
| Other ...................................... | 69 | 315 | 246 | -1 | 43 | 43 | 69 | 273 | 203 | 4 | (D) | (D) | 1 | 1 | (*) | 3 | (D) | (D) |
| Latin America and Other Western Hemisphere | 911 | 2,512 | 1,601 | 596 | 697 | 101 | 315 | 1,815 | 1,500 | 5,763 | 15,114 | 9,350 | 318 | 469 | 151 | 5,445 | 14,645 | 9,199 |
| South and Central America............ | 173 | , 721 | '548 | (D) | (D) | 81 | (D) | (D) | 467 | -20 | 71 | 91 | 2 | 2 | 0 | -22 | 7 70 | 91 |
| Argentina............................. | 49 | 181 | 132 | 1 | 24 | 23 | 48 | 157 | 109 | -10 | 18 | 28 | (*) | (*) | 0 | -10 | 18 | 28 |
| Brazil ................................... | 9 | 44 | 35 | 5 | 8 | 3 | 4 | 36 | 32 | (*) | (D) | (D) | (*) | *) | 0 | (*) | (D) | (D) |
| Chile.................................. | 16 | 63 | 47 | 7 | 10 | 3 | 9 | 53 | 45 | 1 | 3 | 2 | (*) | (*) | 0 | 1 | 3 | 2 |
| Mexico ..... | 50 | 176 | 125 | 27 | 51 | 24 | 23 | 124 | 101 | 5 | 16 | 11 | 2 | 2 | 0 | 3 | 15 | 11 |
| Venezuela | -4 | 31 | 35 | 5 | 7 | 2 | -8 | 24 | 33 | -1 | 0 | 1 | (*) | (*) | 0 | -1 | 0 | 1 |
| Other .................................. | 52 | 226 | 174 | (0) | (D) | 25 | (D) | (D) | 148 | -15 | (D) | (D) | * ${ }^{*}$ | * | 0 | -16 | (D) | (D) |
| Other Western Hemisphere ......... | 738 | 1,790 | 1,052 | (D) | (D) | 20 | (D) | (D) | 1,033 | 5,783 | 15,042 | 9,259 | 316 | 467 | 151 | 5,467 | 14,575 | 9,108 |
| Bermuda.............................. | 142 | 740 | 598 | 9 | 7 | -2 | 133 | 733 | 600 | 4,724 | 10,576 | 5,852 | 304 | 455 | 151 | 4,420 | 10,120 | 5,701 |
| Other ................................... | 596 | 1,050 | 454 | (D) | (D) | 22 | (D) | (D) | 433 | 1,059 | 4,467 | 3,407 | 12 | 12 | 0 | 1,048 | 4,455 | 3,407 |
| Africa ........................................ | -10 | 22 | 32 | 3 | 3 | *) | -13 | 18 | 32 | -1 | 4 | 5 | 1 | 1 | 0 | -2 | 3 | 5 |
| South Africa ............................. | -4 | 9 | 14 | (*) | (*) | (*) | -5 | 9 | 13 | -1 | 2 | 4 | (*) | (*) | 0 | -1 | 2 | 4 |
| Other ...................................... | -6 | 13 | 18 | 3 | 3 | (*) | -9 | 10 | 18 | 1 | 2 | 1 | 1 | 1 | 0 | -1 | (*) | 1 |
| Middle East. | (*) | 71 | 71 | 2 | 3 | 1 | -2 | 68 | 70 | 2 | 9 | 7 | 2 | 2 | 0 | (*) | 7 | 7 |
| \|srael ...................................................... | 12 | 58 | 46 | 1 | 2 | 1 | 11 | 56 | 46 | -2 | 5 | 8 | ** | (*) | 0 | -2 | 5 | 8 |
| Saudi Arabia ....................................................... | 0 | 2 | 2 | (*) | (*) | ${ }^{*}$ ) | 0 | 2 | 2 | 0 | (*) | (*) | (*) | (*) | 0 | 0 | (*) | (*) |
| 0ther ..................................... | -12 | 11 | 22 |  | 1 | *) | -12 | 10 | 22 | 4 | 3 | -1 | 2 | 2 | 0 | 3 | 2 | -1 |
| Asia and Pacific........................... | 1,017 | 2,153 | 1,136 | 43 | 149 | 106 | 974 | 2,004 | 1,030 | 142 | 633 | 491 | 14 | 14 | 1 | 128 | 618 | 491 |
| Australia ................................. | -31 | 146 | 177 | 10 | 40 | 30 | -40 | 107 | 147 | 26 | 138 | 112 | 5 | 5 | 1 | 21 | 133 | 111 |
| China..................................... | -3 | 21 | 24 | 1 | 6 | 5 | -3 | 15 | 18 | (*) | 2 | 1 | (*) | (*) | 0 | 0 | 1 | 1 |
| Hong Kong ............................... | 11 | 39 | 28 | (D) | (D) | ${ }^{6}$ | (D) | (D) | 22 | 8 | 5 | -3 | ${ }^{3}$ | 3 | 0 | 6 | 3 | -3 |
| India ...................................... | -3 | 3 | 5 | ** |  | (*) | -3 |  | 5 | -1 | 1 | 2 | ${ }^{*}$ * | ** | 0 | -1 | 1 | 2 |
| Indonesia ............................... | 13 | 10 | -3 | (*) | 3 | 2 | 12 | 7 | -5 | 1 | 1 | 0 | (*) | (*) | 0 | 1 | 1 | 0 |
| Japan ..................................... | 1,020 | 1,783 | 763 | (D) | (D) | 4 | (D) | (D) | 760 | 81 | 421 | 340 | 4 | 4 | 0 | 77 | 417 | 340 |
| Korea..................................... | 16 | 44 | 27 | 9 | 15 | ${ }_{*}^{6}$ | 7 | 28 | 21 | 6 | 14 | 8 | 1 | $\pm$ | 0 | 4 | 12 | 8 |
| Malaysia ................................. | (*) | 5 | 5 | 1 | 1 | (*) | -1 | 4 | 5 | 0 | (*) | (*) | ** | ** | 0 | 0 | (*) | (*) |
| New Zealand............................. | 6 | 8 | , |  | 1 | \{ | 6 | 6 | (*) | 3 | 5 | 2 | ** | * ${ }^{*}$ | 0 | 3 | 5 | 2 |
| Philippines .............................. | 9 | 11 | 2 | -2 | 1 | $3^{3}$ | 10 | 9 | $-1$ | (D) | (D) | (D) | ** | ** | 0 | (D) | (D) | (0) |
| Singapore................................ | -28 | 15 | 43 | (D) | (D) | (D) | (D) | (D) | (D) | (*) | 3 | 2 | * | * ${ }^{\text {a }}$ | 0 | (*) | 3 | 2 |
| Taiwan ................................... | 5 | 55 | 51 | 9 | (0) | (D) | -4 | (D) | (D) | 2 | 5 | 3 | * | *) | 0 | 2 | 5 | 3 |
| Thailand .................................. | 5 | 13 | 8 | (*) | (*) | (*) | 5 | 12 | 8 | ${ }^{*}$ ( ) | 1 | 1 | ** | * $*$ | 0 | ${ }^{*}$ ) | ${ }^{1}$ | 1 |
| Other ...................................... | -3 | 2 | 5 | (*) | (*) | (*) | -3 | 1 | 5 | (D) | (D) | (D) | (*) | (*) | 0 | (D) | (D) | (D) |
| Intemational organizations and unallocated | 45 | 196 | 150 | -14 | 126 | 140 | 59 | 70 | 11 | 44 | 88 | 45 | (*) | (*) | 0 | 44 | 88 | 45 |
| Addenda: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| European Union ${ }^{1}$...................... | 141 | 2,728 | 2,587 | 103 | 171 | 68 | 38 | 2,557 | 2,518 | 2,962 | 10,274 | 7,312 | 1,170 | 1,220 | 50 | 1,792 | 9,053 | 7,262 |
| Eastern Europe ${ }^{2}$........................ | 12 | 56 | 44 | -4 | (D) | (D) | 16 | (D) | (D) | -3 | (*) | 4 | (*) | (*) | 0 | -3 | (*) | 4 |
| * Less than $\$ 500,000$. <br> o Suppressed to avoid disclosure of data of individual companies. |  |  |  | 1. See table 2, footnote 2. <br> 2. See table 2, footnote 3. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Table 7.1.-Business, Professional, and Technical Services, Unaffiliated, 1997


Table 7.2.—Business, Professional, and Technical Services, Unaffiliated, 1998
[Millions of Dollars]

|  | Receipts |  |  |  |  |  |  |  |  |  |  | Payments |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | Advertising | Computer and data processing serv- ices | Database and other information services | $\mathrm{Re}-$ search, develop- <br> ment, <br> and <br> testing serv- ices | $\begin{array}{\|c} \text { Manage- } \\ \text { ment, } \\ \text { consult- } \\ \text { ing, } \\ \text { and } \\ \text { public } \\ \text { rela- } \\ \text { tions } \\ \text { serv- } \\ \text { ices } \end{array}$ | $\begin{aligned} & \text { Legal } \\ & \text { ser- } \\ & \text { vices } \end{aligned}$ | Construc- tion, engineer- ing, architec- tural, and mining services ${ }^{1}$ | industrial engineering | Installation, maintenance, and repair of equipment | Other ${ }^{2}$ | Total | Advertising | Computer and data processing serv- | Database and other information services | $\mathrm{Re}-$ search develop ment, and testing serv- ices | $\begin{gathered} \text { Manage- } \\ \text { ment, } \\ \text { consult- } \\ \text { ing, } \\ \text { and } \\ \text { public } \\ \text { rela- } \\ \text { tions } \\ \text { serv- } \\ \text { ices } \end{gathered}$ | $\begin{gathered} \text { Legal } \\ \text { ser- } \\ \text { vices } \end{gathered}$ | Construc- tion, engineer- ing, architec- tura, and mining services ${ }^{1}$ | Industrial engineering | Installation, main-tenance, and repair of equipment | Other ${ }^{2}$ |
| All countries .. | 22,676 | 445 | 1,941 | 1,764 | 867 | 1,888 | 2,406 | 3,885 | 1,271 | 3,188 | 5,022 | 7,303 | 912 | 828 | 152 | 637 | 872 | 655 | 554 | 206 | 242 | 2,247 |
| Canada...................................... | 1,802 | 83 | 232 | 198 | 81 | 202 | 158 | 42 | 103 | 229 | 473 | 1,388 | 42 | 481 | 19 | 62 | 120 | 36 | 59 | 38 | 78 | 454 |
| Europe | 8,100 | 201 | 878 | 889 | 427 | 717 | 1,306 | 815 | 255 | 907 | 1,705 | 3,146 | 383 | 164 | 95 | 427 | 322 | 355 | 267 | 81 | 93 | 960 |
| Belgium-Luxembourg................ | 288 | 9 | 36 | 29 | 22 | 12 | 79 | 10 | 11 | 25 | 56 | 78 | 10 | 3 | 1 | 10 | 11 | 12 | 1 | (*) |  | 28 |
| France ................................... | 684 | 32 | 73 | 69 | 39 | 57 | 194 |  | 11 | 94 | 111 | 301 | 52 | (D) | 11 | 16 | 17 | 30 | 45 | 2 | 6 | (D) |
| Germany... | 977 | 35 | 140 | 78 | 99 | 117 | 159 | 61 | 24 | 133 | 131 | 333 | 62 | 28 | 11 | 46 | 25 | 60 | 9 | 11 | 10 | 72 |
| \|taly ......... | 463 | 21 | 34 | 122 | 49 | 13 | 45 | 47 | 13 | 82 | 38 | 116 | 20 | 3 | (*) | 6 | 3 | 9 | 11 | (D) | 1 | (D) |
| Netherlands ............................. | 489 | 4 | 69 | 56 | 17 | 28 | 64 | 12 | 37 | 90 | 111 | 154 | 8 | 1 | 14 | 27 | 16 | 11 | (D) | 1 | 4 | (D) |
| Norway............................................. | 103 | 1 | 26 | 8 | 3 | 4 | 9 | 3 | 2 | 15 | 34 | 46 | 2 | (D) | (*) | 5 | 1 | 5 | 4 | 1 | 8 | (D) |
| Spain .................................................. | 187 | 5 | 30 | 18 | 3 | 8 | 13 | 8 | 11 | 22 | 69 | 99 | 34 | 3 | ( | 5 | 9 | 9 | (*) | (D) | 7 | (D) |
| Sweden ............................................ | 230 | 4 | 30 | 19 | 27 | 18 | 32 | 7 | 12 | 36 | 43 | 57 | 7 | 4 | (*) | 14 | 3 | 6 | (*) | (D) |  | (D) |
| Switzerland............................... | 471 | 21 | 28 | 89 | 75 | 56 | 71 | 10 | (D) | 19 | (D) | 157 | 19 | 5 | 4 | 29 | 8 | 11 | 22 | 2 | 2 | 54 |
| United Kingdom ........................ | 2.435 | 56 | 293 | 278 | 50 | 158 | 510 | 232 | 40 | 259 | 560 | 1,362 | 144 | 69 | 46 | 207 | 180 | 155 | 61 | 8 | 44 | 449 |
| Other ...................................... | 1,773 | 14 | 119 | 125 | 43 | 245 | 131 | 421 | (D) | 133 | (D) | 444 | 25 | 21 | 6 | 60 | 49 | 49 | (D) | 1 | 7 | (D) |
| Latin America and Other Western Hemisphere | 3,729 | 87 | 255 | 187 | 30 | 248 | 158 | 744 | 217 | 423 | 1,379 | 513 | 77 | 14 | ${ }^{*}$ | 31 | 82 | 77 | 18 | 5 | 10 | 200 |
| South and Central America.......... | 3,284 | 55 | 237 | 167 | 28 | 230 | 105 | 585 | 211 | 400 | 1,266 | 463 | 75 | 12 | *) | 29 | 77 | 63 | 17 | 4 |  | 176 |
| Argentina............................. | 415 | 1 | 19 | 25 | 5 | 9 | 15 | 23 | (D) | 57 | (D) | 54 | 10 | 2 | * | 4 | 4 | 9 | 7 | *) | 3 | 15 |
| Brazil .................................... | 581 | (D) | 96 | 40 | 3 | 54 | 18 | 12 | 22 | 64 | (0) | 110 | 24 | 1 | *) | 8 | 27 | 17 | 2 | *) | 2 | 28 |
| Chile ................................... | 172 | 2 | 8 | 10 | (*) | 3 | 9 | 56 | 4 | 11 | 69 | 16 | 3 | (*) | *) | 2 | 1 | 3 | (*) | * | * | 7 |
| Mexic0 ............................... | 854 | 13 | 67 | 57 | 10 | 44 | 39 | 133 | 34 | 210 | 249 | 123 | 14 | 3 | * | 6 | 12 | 15 | 4 | 2 | 3 | 62 |
| Venezuela ............................ | 418 | (*) | 18 | 16 | 2 | 35 | 11 | 230 | (0) | 14 | (D) | 23 | 2 | 1 | * | 1 | 5 | 4 | (*) | (*) | *) | 10 |
| Other .................................. | 845 | (D) | 29 | 20 | 7 | 85 | 14 | 131 | 57 | 44 | (D) | 136 | 21 | 4 | * | 8 | 29 | 16 | 3 |  | * | 54 |
| Other Western Hemisphere .......... | 445 | 32 | 18 | 20 | * | 18 | 52 | 159 | 6 | 23 | 113 | 50 | , | 2 | * ${ }^{*}$ | 2 | 4 | 13 | 1 | 1 | 1 | 24 |
| Bermuda.............................. | 71 | (0) | 7 | 7 | (*) | 2 | 27 | 3 | (*) | 1 | (D) | 25 | 1 | 1 | ** | 1 | 1 | 9 | $\left({ }^{*}\right.$ * | ${ }^{1}$ | * | 10 |
| Other .................................. | 374 | (D) | 10 | 14 | 2 | 16 | 26 | 156 | 6 | 22 | (D) | 25 | 1 | 1 | * | 1 | 3 | 4 | (*) | (*) | , | 14 |
| Africa ........................................ | 1,006 | 3 | 34 | 54 | 21 | 154 | 9 | 422 | (D) | 45 | (D) | 161 | 9 | 2 | (*) | (D) | (D) | 8 | 27 | 2 | 1 | 69 |
| South Africa ............................. | 130 | 1 | 16 | 44 | 3 | 15 | 5 | 7 | (*) | 12 | 26 | 23 | 5 | 1 | ** | (D) | 1 | 3 | ${ }^{*}$ ) | (*) | * | 11 |
| Other ...................................... | 876 | 3 | 18 | 9 | 18 | 139 |  | 416 | (D) | 33 | (D) | 138 | 4 | 1 | (*) | (D) | (D) | 5 | 27 | 2 | *) | 58 |
| Middle East. | 1,628 | 9 | 60 | 83 | 11 | 168 | 58 | 560 | (D) | 404 | (D) | 372 | 20 | 13 | 1 | (D) | (0) | 12 | 84 | *) | 10 | 63 |
| Israel ..................................... | 181 | 3 | 17 | 7 | 3 | 22 | 22 | 7 | 14 | 46 | 41 | 88 |  | 8 | * | (D) | 2 | 6 | (D) | * | 8 | 17 |
| Saudi Arabia............................. | 884 | 3 | 37 | (D) | 5 | 89 | 10 | 352 | 39 | 292 | (D) | 161 | 5 | 5 | (*) | 1 | (D) | 2 | (D) | * | 2 | (D) |
| Other ...................................... | 563 | 3 | 6 | (D) | 2 | 58 | 26 | 201 | (D) | 66 | (D) | 122 | 12 | (*) | * | 1 | ) | 4 | (D) | (*) | (*) | (D) |
| Asia and Pacific. | 6,269 | 61 | 482 | 352 | 292 | 399 | 717 | 1,300 | 498 | 1,174 | 995 | 1,724 | 381 | 154 | 36 | 60 | 195 | 168 | 99 | 80 | 50 | 500 |
| Australia .................................. | 478 | 3 | 61 | 88 | 19 | 65 | 47 | 19 | 5 | 81 | 88 | 199 | 26 | 4 | 2 | 14 | 19 | 25 | 15 | (*) | 5 | 89 |
| China ...................................... | 635 | 2 | 21 | 8 | 7 | 10 | 18 | 213 | (D) | 92 | (0) | 72 | 5 | 3 | 3 | 3 | 13 | 10 | 1 | 1 | 2 | 32 |
| Hong Kong ............................... | 312 | 10 | 19 | 31 | 3 | 16 | 78 | 12 | (*) | 66 | 78 | 129 | 17 | 6 | 1 | 2 | 7 | 22 | 13 | (*) | 3 | 59 |
| India ...................................... | 200 | 1 | 12 | 26 | 7 | 10 | 2 | 96 | 9 | 19 | 18 | 132 | 4 | 97 | 3 | 3 | 4 | 4 | 1 | (D) | 1 | (D) |
| Indonesia | 698 | (*) | 8 | 1 | 5 | 22 | 9 | 560 | 9 | 41 | 43 | 22 | 1 | 1 | (*) | 2 | 5 | 2 | 1 | * | 2 | 8 |
| Japan ..................................... | 1,941 | 31 | 205 | 101 | 182 | 143 | 416 | 49 | 237 | 390 | 188 | 729 | 285 | 21 | 20 | 15 | 37 | 55 | 33 | (D) | 16 | (D) |
| Korea..................................... | 414 | 3 | 36 | 8 | 18 | 12 | 76 | 48 | 21 | 144 | 48 | 100 | 13 | 1 | * | 6 | 10 | 18 | (D) | ${ }^{*}$ ) | 6 | (0) |
| Malay sia ................................... | 121 | 1 | 15 | 5 | (*) | 4 | 2 | 12 | (D) | 43 | (D) | 14 | 1 | (*) | ** | (*) | 7 | 1 | (*) | * | ** | 4 |
| New Zealand. | 140 | (*) | 10 | 22 | 2 | 3 | 4 | 1 | 4 | 28 | 66 | 20 | 4 | 1 | * | 4 | 1 | 6 | (*) | * ${ }^{\text {a }}$ | * | - |
| Philippines. | 241 | 1 | 14 | 5 | 5 | 26 | 6 | 120 | 1 | 37 | 26 | 78 | 3 | 13 | 3 | 3 | (D) | 2 | 4 | (*) | (*) | (D) |
| Singapore... | 290 | 4 | 27 | 32 | 7 | 8 | 18 | 66 | 18 | 81 | 29 | 52 | 5 | 4 | 3 | 1 | 3 | 6 | 2 | 2 | 5 | 21 |
| Taiwan .............................................. | 293 | 3 | 33 | 14 | 19 | 5 | 29 | 54 | 17 | 83 | 35 | 94 | 14 | 3 | ** | 3 | (D) | 9 | 6 | (*) | 9 | (D) |
| Thailand .............................. | 272 | * | 17 | 7 | 13 | 14 | 3 | 38 | (D) | 42 | (D) | 39 | 3 | (*) | (*) | 3 | (D) | 4 | 2 | ** | * | (D) |
| Other ......................................... | 235 | (*) | 3 |  | , | 61 | 11 | 12 | 23 | 28 | 90 | 44 | 1 | (*) | (*) | 2 | ) | 4 | (D) | (*) | (*) | (D) |
| International organizations and unallocated. | 142 | (*) | (*) | 1 | 5 | (*) | (*) | 1 | (D) | 6 | (D) | (*) | 0 | 0 | 0 | (*) | (*) | (*) | 0 | 0 | 0 | (*) |
| Addenda: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| European Union ${ }^{3}$..................... | 6,429 | 175 | 787 | 755 | 340 | 432 | 1,139 | 586 | 168 | 813 | 1,235 | 2,671 | 353 | 146 | 90 | 354 | 275 | 312 | 158 | 77 | 82 | 825 |
|  | 823 | 3 | 30 | 31 | 10 | 189 | 84 | 208 | (D) | 26 | (D) | 230 | 4 | 1 | 1 | 37 | 27 | 19 | (D) | 1 | 1 | (D) |
| * Less than $\$ 500,000$. <br> ${ }^{2}$ Suppressed to avoid disclosure of data to individual companies. <br> 1. Receipts tor engineering, architectural, construction, and mining services are published net of merchandise exports, which are included in merchandise trade in the U.S. international transactions accounts, and net of outlays abroad for wages, services, materials, and other expenses. In 1998, net receipts of $\$ 3,885$ million were derived as gross operating revenues of $\$ 8.954$ million less merchandise exports of $\$ 1,702$ million and foreign expenses of $\$ 3,368$ million. Payments for engineering, architectural, construction, and mining services <br> are not published net of merchandise imports and outlays for wages and other expenses. Data are not collected for merchandise imports and wages and other expenses, and no estimates are made because they are believed to be small. <br> 2. See table 7.1, footnote 2. <br> 3. See table 2, footnote 2. <br> 4. See table 2 , footnote 3 . |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Table 7.3.-Business, Professional, and Technical Services, Unaffiliated, 1999
[Millions of Dollars]

|  | Receipts |  |  |  |  |  |  |  |  |  |  | Payments |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | Advertising | Computer and data processing services | Database and other information services | $\mathrm{Re}-$ search, development, testing services | Manage-consulting, and public relations services | $\begin{gathered} \text { Legal } \\ \text { ser- } \\ \text { vices } \end{gathered}$ | Construc- tion, engineer- ing, architec- tural and mining services ${ }^{1}$ | Industrial engineering | Instarlation, maintenance, and repair of equipment | Other ${ }^{2}$ | Total | Advertising | Computer and data processing sery- | Database and other information services | $\mathrm{Re}-$ search, development, and testing services | Management, consulting, and public relations services | $\left\|\begin{array}{c} \text { Legal } \\ \text { ser- } \\ \text { vices } \end{array}\right\|$ | Construc- tion, engineer- ing, architec- tural, and mining services ${ }^{1}$ | Industrial engineering | Instal- <br> lation, <br> main- <br> ten- <br> ance. <br> and <br> repair of equipment | Other ${ }^{2}$ |
| All countries .. | 27,114 | 472 | 2,687 | 2,088 | 992 | 1,893 | 2,463 | 5,786 | 1,862 | 3,500 | 5,371 | 8,061 | 879 | 888 | 171 | 746 | 868 | 736 | 505 | 225 | 306 | 2,736 |
| Canada. | 2,444 | 104 | 311 | 225 | 107 | 180 | 179 | 282 | 190 | 324 | 543 | 1,699 | 56 | 498 | 8 | 117 | 101 | 46 | 85 | 51 | 130 | 607 |
| Europe | 9,673 | 181 | 1,303 | 974 | 428 | 883 | 1,321 | 1,041 | 535 | 1,006 | 2,000 | 3,488 | 310 | 170 | 126 | 471 | 386 | 406 | 170 | 127 | 112 | 1,210 |
| Belgium-Luxembourg.... | , 379 | 11 | 1,34 | 22 | 17 | 35 | 1, 45 | , 16 | (D) | , 23 | (D) | 100 | 16 | 6 | 3 | 13 | 14 | 16 | , | (*) | , | 129 |
| France .................................... | 960 | 20 | 170 | 71 | 29 | 106 | 202 | 22 | (D) | 96 | (D) | 287 | 31 | 19 | (D) | 25 | 39 | 28 | 8 | 5 | 1 | (D) |
| Germany. | 1,256 | 36 | 198 | 87 | 106 | 156 | 188 | 107 | 77 | 124 | 176 | 412 | 47 | 51 | 13 | 63 | 49 | 59 | 8 | (D) | 25 | (D) |
| \|taly ........ | 431 | 22 | 43 | 136 | 16 | 25 | 40 | 21 | 12 | 52 | 62 | 146 | 16 | 4 | 1 | 13 | 6 | 16 | 1 | 18 | (D) | (D) |
| Netherlands. | 523 | 4 | 83 | 66 | 21 | 43 | 45 | 4 | 23 | 95 | 138 | 131 | 5 | 2 | 16 | 22 | 13 | 12 | 9 | (*) | 4 | 48 |
| Norway........ | 125 | 1 | 46 | 4 | 7 | 4 | 8 | 3 | 2 | 11 | 41 | 42 | 2 | (D) | ${ }^{*}$ ) | 7 | 2 | 5 | (D) | 1 | 1 | 5 |
| Spain ..................................... | 290 | 10 | 52 | 22 | 9 | 16 | 12 | 8 | 29 | 58 | 74 | 96 | 19 | 3 | *) | 7 | 7 | 11 | (*) | 26 | 1 | 21 |
| Sweden. | 234 | 4 | 36 | 20 | 29 | 22 | 33 | 1 | 15 | 43 | 33 | 75 | 4 | 1 | (*) | 36 | 2 | 6 | * | 15 | 1 | 10 |
| Switzerland. | 495 | 17 | 29 | 91 | 80 | 83 | 58 | 9 | 12 | 31 | 85 | 145 | 14 | 7 | 4 | 52 | 5 | 9 | 1 | 3 | 1 | 48 |
| United Kingdom ........................ | 3,187 | 41 | 405 | 309 | 71 | 218 | 560 | 505 | 101 | 313 | 664 | 1,524 | 140 | 63 | 45 | 168 | 193 | 179 | 78 | 17 | 34 | 606 |
| Other ...................................... | 1,794 | 16 | 196 | 146 | 44 | 176 | 130 | 346 | 87 | 160 | 492 | 528 | 15 | (D) | (D) | 66 | 57 | 66 | (D) | (D) | (D) | 217 |
| Latin America and Other Western Hemisphere | 4,208 | 119 | 238 | 257 | 47 | 197 | 159 | 1,026 | 282 | 498 | 1,386 | 656 | 92 | 12 | 1 | 28 | 96 | 87 | 37 | 15 | 15 | 273 |
| South and Central America.......... | 3,800 | 98 | 223 | 228 | 43 | 178 | 108 | 916 | 277 | 469 | 1,260 | 583 | 88 | 9 | 1 | 26 | 86 | 72 | 37 | 15 | 13 | 237 |
| Argentina.. | 457 | (D) | 28 | 25 | (D) | 10 | 15 | 36 | (D) | 69 | 147 | 74 | 11 | (*) | (*) | 4 | 4 | 11 | (D) | 1 | (*) | (D) |
| Brazil ....................................... | 589 | 22 | 50 | 63 | 5 | 41 | 24 | 74 | 17 | 71 | 222 | 141 | 41 | 1 | * | 7 | 23 | 18 | 2 | (D) | 5 | (D) |
| Chile ................................... | 263 | 4 | 9 | 11 | (*) | 2 | 9 | 123 | 4 | 28 | 73 | 24 | 6 | 4 | * | 2 | 1 | 3 | 2 | (*) | (*) | 6 |
| Mexico | 937 | 14 | 64 | 68 | 13 | 41 | 35 | 84 | 78 | 249 | 292 | 145 | 17 | 1 | * | 4 | 28 | 20 | 2 | 3 | 8 | 64 |
| Venezuela ............................ | 550 | ${ }^{3}$ | 31 | 34 | ${ }^{2}$ | 16 | 9 | 360 | 3 | 11 | 80 | 61 | 13 | (*) | * $*$ | 1 | 4 | 5 | 1 | ) | ${ }^{*}$ * | 48 |
| Other ................................. | 1,004 | (0) | 40 | 28 | (D) | 69 | 16 | 240 | (D) | 42 | 445 | 138 | 13 | 2 | (*) | 9 | 27 | 16 | (D) | (D) | (*) | (D) |
| Other Western Hemisphere .......... | 408 | 20 | 16 | 28 | 4 | 19 | 51 | 110 | 5 | 29 | 126 | 73 | 5 | 3 | * * | 2 | 10 | 15 | (*) | (*) | ${ }^{*}$ | 37 |
| Bermuda............................... | 61 | 7 | 12 | 7 | 2 | 3 | 22 | ${ }^{2}$ | (*) | 1 | 14 | 38 | 4 | 2 | * * | 1 | 8 | 11 | * ${ }^{*}$ | * | ${ }^{*}$ ) | 15 |
| Other .................................. | 347 | 14 | 12 | 22 | 2 | 15 | 29 | 108 |  | 29 | 112 | 35 | 4 | 1 | (*) | 1 | 2 | 4 | (*) | (*) | 1 | 22 |
| Africa. | 1,277 | 3 | 126 | 62 | 14 | 119 | 8 | 677 | 30 | 38 | 200 | 165 | 5 | 1 | (*) | 22 | (D) |  | 27 | 1 | 2 | (D) |
| South Africa ............................. | 211 | (*) | 85 | 49 | 5 | 25 | 6 | 6 | (*) | 16 | 19 | 29 | 3 | (*) | *) | 6 | 2 | 2 | (*) | (*) | (*) | 15 |
| Other ...................................... | 1.066 | 3 | 40 | 13 | 9 | 94 | 2 | 671 | 30 | 22 | 181 | 135 | 2 | (*) | (*) | 16 | (D) | 6 | 27 | 1 | 2 | (D) |
| Middle East................................. | 2,034 | 3 | 99 | 105 | 79 | 124 | 55 | 930 | 79 | 430 | 130 | 360 | 18 | 20 | 2 | 29 | (D) | 11 | 111 | 11 | 2 | (D) |
| \|srael ..................................... | 197 | , | 29 | 6 | 30 | 20 | 27 | 2 | 14 | 31 | 36 | 81 |  | 11 | 2 | 6 | 2 | 5 | (D) | 9 | 1 | (D) |
| Saudi Arabia............................ | 1,242 | (*) | 55. | (D) | 48 | 51 | 5 | (D) | (D) | 323 | 15 | 125 | 4 | 9 | (*) | (D) | (D) | 2 | 14 | (*) | *) | 8 |
| Other ...................................... | 595 | , | 15 | (D) | 2 | 53 | 23 | (D) | (D) | 76 | 79 | 154 | 12 | (*) | (*) | (D) | (D) | 4 | (D) | 2 | *) | 22 |
| Asia and Pacific........................... | 7,289 | 63 | 608 | 465 | 311 | 385 | 740 | 1,827 | 747 | 1,204 | 939 | 1,689 | 398 | 187 | 34 | 79 | 137 | 178 | 72 | 21 | 46 | 537 |
| Australia.................................... | 552 | 4 | 101 | 113 | 16 | 45 | 56 | 37 | 20 | 85 | 76 | 205 | 16 | 8 | 1 | 12 | 22 | 23 | 16 | (*) | 4 | 103 |
| China. | 743 | 3 | 13 | 11 | 5 | 9 | 36 | 337 | 5 | 108 | 217 | 88 | 5 | 4 | 4 | 23 | 4 | 12 | (*) | 1 | 2 | 31 |
| Hong Kong .............................. | 464 | 7 | 49 | 40 | 4 | 18 | 91 | 11 | (D) | 86 | (D) | 103 | 10 | 2 | 1 |  | 3 | 20 | 9 | (*) | 3 | 54 |
| India ........................................ | 137 | 1 | 17 | 32 | 4 | 7 | 5 | 21 | 5 | 18 | 26 | 175 | 2 | 132 | 3 | 5 | 13 | 5 | 1 | 1 | 1 | 12 |
| Indonesia ................................ | 562 | (*) | 16 | 3 | 2 | 18 | 6 | 447 | 6 | 35 | 29 | 28 | (*) | 1 | (*) | 3 | 6 | 2 | 1 | (*) | 2 | 13 |
| Japan ..................................... | 2,126 | 33 | 229 | 138 | 198 | 170 | 396 | 66 | 325 | 391 | 179 | 677 | 322 | 16 | 13 | 20 | 10 | 66 | 5 | (D) | 13 | (D) |
| Korea.................................... | 431 | 3 | 36 | 13 | 20 | 22 | 81 | 32 | 35 | 130 | 60 | 94 | 14 | 1 | 2 | 2 | 6 | 17 | (D) | 1 | 9 | (D) |
| Malaysia ................................. | 133 | - 1 | 20 | 7 | 1 | 4 | 1 | 38 | 5 | 37 | 171 | 12 | 1 | ${ }^{*}$ | ** | (*) | 5 | 2 | *) | (*) | (*) | 4 |
| New Zealand...... | 155 | 1 | 15 | 25 | 2 | 1 | 4 | 78 |  | 32 | 73 | 15 | 1 | ( ${ }^{*}$ | * | 2 |  | 3 | (*) | * | * | 6 |
| Philippines .............................. | 366 | (*) | 9 | 7 |  | 16 | 4 | 278 | 3 | 30 | 17 | 64 | 1 | 16 | 5 | 1 | 22 | 3 | 4 | * | 1 | 10 |
| Singapore................................. | 695 | 6 | 34 | 44 | 9 | 12 | 18 | (D) | (D) | 94 | (0) | 61 | 3 |  | ${ }_{*}{ }^{*}$ | 1 | 5 | 5 | (D) | ( ${ }^{+}$ | 7 | 20 |
| Taiwan ................................... | 531 | - 3 | 40 | 16 | 30 | 7 | 32 | (D) | (D) | 119 | 39 | 81 | 18 | 4 | **) | 2 | 13 | 9 | - 1 | ** | ${ }^{4}$ | 29 |
| Thailand ................................. | 189 |  | 22 | 9 | 12 | 15 | 5 | 20 | (D) | 29 | (D) | 42 | 1 | (*) | ** |  | (D) | 5 | 3 | * $*$ | ${ }^{*}$ * | (D) |
| Other ...................................... | 204 | 1 | 6 | 7 | 6 | 41 | 5 | 10 | 24 | 9 | 95 | 43 | 2 | 1 | (*) | 3 | (D) | 4 | 2 | (*) | (*) | (D) |
| International organizations and unallocated | 190 | (*) | 1 | (*) | 6 | 6 | (*) | 3 | (*) | (*) | 174 | 3 | (*) | (*) | (*) | (*) | (*) | 1 | 2 | (*) | (*) | (*) |
| Addenda: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| European Union ${ }^{3}$...................... | 7,947 | 156 | 1,146 | 847 | 334 | 653 | 1,176 | 761 | 446 | 906 | 1,522 | 3,029 | 289 | 151 | 119 | 375 | 334 | 357 | 110 | 120 | 93 | 1,080 |
|  | 838 | 7 | 56 | 23 | 7 | 118 | 75 | 263 | 75 | 28 | 186 | 199 | 1 | (*) | 2 | 29 | 33 | 28 | (D) | 2 | (*) | (D) |
| * Less than $\$ 500,000$. <br> - Suppressed to avoid disclosure of data to individual companies. <br> 1. Receipts for engineering, architectural, construction, and mining services are published net of merchandise exports, which are included in merchandise trade in the U.S. international transactions accounts, and net of outlays abroad for wages, services, materials, and other expenses. In 1999, net receipts of $\$ 5,786$ million were derived as gross operating revenues of $\$ 8,749$ million less merchandise exports of $\$ 678$ million and foreign expenses of $\$ 2,287$ million. Payments for engineering, architectural, construction, and mining services <br> are not published net of merchandise imports and outlays for wages and other expenses. Data are not collected for merchandise imports and wages and other expenses, and no estimates are made because they are believed to be small. <br> 2. See table 7.1, footnote 2. <br> 3. See table 2, footnote 2. <br> 4. See table 2, footnote 3. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Table 7.4.-Business, Professional, and Technical Services, Unaffiliated, 2000
[Millions of Dollars]


Table 8.-Sales of Services to Foreign Persons by U.S. MNC's Through Their Nonbank MOFA's and to U.S. Persons by Foreign MNC's Through Their Nonbank MOUSA's, by Country, 1992-99
[Millions of dollars]

| Country ${ }^{\text {' }}$ | Sales by MOFA's to foreign persons |  |  |  |  |  |  |  | Sales by MOUSA's to U.S. persons |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | $1999{ }^{2}$ | 1992 | 1993 | 1994 | 1995 | 1996 | $1997{ }^{3}$ | 1998 | 1999 |
| All countries | 140,553 | 142,603 | 159,149 | 190,057 | 223,175 | 255,335 | 286,066 | 338,409 | 127,969 | 134,700 | 145,414 | 149,663 | 168,444 | 223,060 | 245,472 | 289,307 |
| Canada | 17,531 | 18,265 | 17,776 | 18,534 | 21,160 | 24,128 | 25,698 | 33,576 | 20,138 | 23,507 | 22,285 | 26,620 | 27,282 | 35,064 | 41,871 | 45,793 |
| Europe ..... | 80,124 | 79,578 | 84,599 | 105,111 | 128,665 | 147,698 | 165,170 | 190,793 | 77,531 | 78,255 | 86,156 | 89,978 | 101,296 | 134,865 | 150,093 | 183,935 |
| Belgium | (D) | (D) | 3,886 10.897 12.4 | 4,277 14.183 | 4,260 15868 | 4,283 14.567 | 4,552 17704 | 4,800 18,720 | $\begin{array}{r}767 \\ 6.923 \\ \hline 8.85\end{array}$ | 533 7506 | 471 11.315 | 164 12.141 | 349 12.260 | 130 16.011 |  | 707 21.377 |
| France | 10,869 11,379 | 10,292 12,744 | 10,897 12,434 | 14,183 17.618 | 15,868 21.829 | 14,567 19,102 | 17,704 20.105 | 18,720 29,303 | 6,923 8,850 | 7,506 10,687 | 11,315 10,728 | 12,141 11,904 | 12,260 16,991 | 16,011 22,171 | 18,456 27,396 | 21,377 29,557 |
| Italy. | 6,005 | 5,187 | 4,528 | 5,176 | 6,462 | 6,319 | 7,455 | 7,616 | 8,785 | -819 | +917 | -750 | -993 | 2,914 | . 818 | 1,975 |
| Netherlands. | 6,925 | 7,740 | 8,111 | 9,134 | 10,668 | 10,911 | 13,504 | 14,577 | 10,374 | 8,667 | (D) | 9,860 | 10,511 | 15,411 | 21,210 | 31,853 |
| Norway.... | 846 | 793 | 878 | (D) | 1.626 | 1,818 | 2,152 | 1,985 | 358 | 479 | 539 | 527 | 2,031 | 1,624 | 1,755 | 5,346 |
| Spain .... | 2,608 | 2,095 | 2,211 | 2,869 | 3.106 | 3,115 | 3,302 | 3,868 | 147 | 168 | 179 | 182 | 215 | 317 | 333 | 327 |
| Sweden | (D) | (D) | (D) | (D) | 2.883 | 2,881 | (D) | (D) | (D) | (D) | (D) | 2,413 | 1,490 | 1,820 | 2,892 | 4,452 |
| Switzerland. | 2,759 | 3,140 | 3,187 | 4,006 | 4,497 | 4,133 | 4,861 | 5,089 | 11,577 | 11,655 | 12,589 | 12,758 | 15,174 | 19,040 | 20,540 | 23,138 |
| United Kingdom | 29,480 | 28,496 | 31,810 | 38,114 | 50,330 | 73,112 | 78,849 | 89,062 | 32,661 | 33,359 | 35,563 | 35,409 | 37,812 | 55,035 | 54,944 | 63,023 |
| Other ................. | (D) | (D) | (D) | 6,003 | 7,126 | 7.457 | (D) | (D) | (D) | (D) | (D) | 3,871 | 3,468 | 2,392 | 1,488 | 2,180 |
| Latin America and Other Western Hemisphere .. | 8,999 | 9,526 | 12,588 | 15,791 | 17,457 | 23,781 | 32,534 | 38,075 | 2,523 | 3,432 | 4,100 | 4,209 | 5,474 | 6,877 | 8,000 | 13,200 |
| South and Central America........................... | 4,705 | 5,580 | 8,354 | 10,893 | 12,143 | 15,449 | 23,248 | 27,038 | 756 | 819 | 944 | 969 | 1,098 | 1,128 | 1,160 | 1,053 |
| Argentina. | 612 | 751 | 1,463 | 2,012 | 2,584 | (D) | (D) | (D) | ${ }^{3}$ | 3 | 3 | 3 | 2 | ${ }^{4}$ | 5 | 5 |
| Brazil. | 1.685 | 1,875 | 2,361 | 3,008 | 3,457 | 4,574 | 10,387 | 9,261 | (D) | 36 | 40 | 40 | 59 | 108 | 119 | 108 |
| Chile... | 399 | 465 | 865 | 1.530 | 1,146 | 1,425 | 1,830 | 1.764 | 0 | 0 | 0 | 17 | (*) | (D) | 26 | 174 |
| Mexico | (D) | 1,310 | 1.772 | 1,850 | 2,003 | (D) | 3,014 | 4,810 | 321 | 348 | 488 | 517 | 554 | 559 | 543 | 355 |
| Venezuela | (D) | (D) | 1,054 | (D) | 1.689 | (D) | 2,895 | 3,492 | (D) | 197 | 214 | 223 | 256 | 232 | 187 | (D) |
| Other | 519 | (D) | 839 | (D) | 1.263 | 1,843 | (D) | (D) | 229 | 235 | 199 | 186 | 227 | (D) | 280 | (D) |
| Other Western Hemisphere ........................... | 4,294 | 3,946 | 4,233 | 4,898 | 5,313 | 8,332 | 9,286 | 11,037 | 1,769 | 2,613 | 3,156 | 3,240 | 4,376 | 5,748 | 6,840 | 12,147 |
| Bermuda................................................. | (D) | (D) | (D) | (D) | (D) | (D) | 6,594 | 6.891 | 968 | 1,133 | 1,373 | 1,460 | 1,752 | 2,907 | 3,060 | 6.619 |
| Other ......... | (D) | (D) | (D) | (D) | (D) | (D) | 2,692 | 4,146 | 801 | 1,480 | 1,783 | 1,780 | 2,624 | 2,841 | 3,781 | 5,528 |
| Africa, Middle East, and Asia and Pacific ... | 31,348 | 32,496 | 41,663 | 48,088 | 53,336 | 56,797 | 60,169 | 73,106 | (D) | (D) | (D) | 28,226 | 33,495 | 44,304 | 42,807 | (D) |
| Africa. | (D) | 727 | (D) | 1,677 | 1,776 | 2,102 | (D) | (D) | (D) | (D) | (D) | 237 | 248 | 232 | 923 | (D) |
| South Africa | 35 | 35 | 109 | 529 | (D) | 958 | 1,131 | 950 | 154 | 173 | 179 | 169 | 202 | 191 | (D) | (D) |
| Other | (D) | 692 | (D) | 1,148 | (D) | 1,144 | (D) | (D) | (D) | (D) | (D) | 68 | 46 | 41 | (D) | (D) |
| Middle East | (D) | 1,808 | (D) | 1,643 | 1,879 | 2,045 | (D) | (D) | 1,657 | 1,848 | 1,915 | 1,803 | 1,955 | 2,037 | 2,260 | 2,185 |
| Israel... | (D) | (0) | (D) | (D) | (D) | (D) | (D) | (D) | 200 | 172 | 164 | 251 | 237 | 239 | 251 | 232 |
| Saudi Arabia | 772 | 809 | 720 | (D) | (D) | (D) | (D) | (D) | 439 | 533 | 570 | 591 | 703 | 483 | 483 | 650 |
| Other ........... | 700 | (D) | (D) | 633 | (D) | 755 | 803 | 665 | 1,018 | 1,143 | 1,181 | 961 | 1,015 | 1,316 | 1,526 | 1,303 |
| Asia and Pacific | 28,753 | 29,961 | 39.033 | 44,768 | 49,681 | 52,649 | 55,347 | 66,911 | 24,312 | 26,756 | 30,069 | 26,186 | 31,293 | 42,036 | 39,623 | 40,814 |
| Australia. | 4,238 | 3,964 | 5,550 | 6,489 | 8,821 | 9,713 | 11,381 | 13,677 |  |  | (D) | 4,321 | 5,886 | 8,854 | 9,046 | 8,086 |
| China | (D) | 59 | 320 | 453 | 575 | 776 | 828 | 1.678 | 40 | 42 | 45 | 58 | 63 | (D) | , 64 | 61 |
| Hong Kong | 2,970 | 3,351 | 4,043 | 4.424 | 5,310 | 5,915 | 6,774 | 7,770 | 1,163 | 1,682 | 1,759 | 2,003 | 1,829 | 1,388 | 1,546 | 1,442 |
| India.. | (D) | (D) | 47 | 116 | 102 | 222 | 341 | 480 | 15 | 16 | 24 | 30 | (D) | 94 | 133 | 151 |
| indonesia | 266 | 256 | 249 | 324 | 415 | (0) | (0) | (D) | 27 | 44 | 53 | 40 | 49 | 56 | 96 | 78 |
| Japan. | 13,859 | 15,672 | 19,545 | 21,693 | 21,921 | 21,684 | 23,095 | 27,878 | 17,705 | 20,337 | 23,203 | 18,621 | 21,398 | 28,383 | 26,177 | 28,753 |
| Korea, Republic of | 598 | 699 | (D) | 1,141 | 1,299 | 1,229 | 996 | 1,629 | (D) | 375 | 252 | 238 | 827 | 300 | 322 | 381 |
| Malaysia. | 568 | 642 | 1,136 | (D) | 1,391 | (0) | 1,034 | 1,293 | 50 | 124 | 180 | 162 | 272 | 328 | 292 | (D) |
| New Zealand | 1,798 | 394 | 848 | 1,175 | 1,075 | 1,056 | 869 | 1,249 | (D) | 19 | 15 | 14 | 20 | 47 | 51 | 23 |
| Philippines | 243 | 257 | 397 | (D) | 518 | 589 | 602 | 858 | 10 | 12 | 12 | 10 | 10 | 8 | 11 | 23 |
| Singapore | 1,613 | 1,733 | 2,234 | 2.492 | 3,103 | 3,670 | 3,166 | 4,170 | 110 | 112 | 188 | 244 | 343 | 1,761 | 1,038 | 876 |
| Taiwan.. | 1,542 | 1,898 | 2,473 | 3.028 | 3,362 | 3,965 | 4,190 | 3,864 | 154 | 148 | 283 | 310 | 386 | 581 | 636 | 582 |
| Other..... | 107 | (D) | (D) | 1.593 | 1,678 | 1,490 254 | (164 | 434 | 53 | (D) | (D) | 134 | (D) | (D) | 213 | (D) |
| International 4............................................. | 2,550 | 2,738 | 2,523 | 2,531 | 2,567 | 2,930 | 2,495 | 2,858 |  |  |  |  |  |  |  |  |
| United States ${ }^{5}$. |  |  |  |  |  |  |  |  | (D) | (D) | (D) | 630 | 898 | 1,950 | 2,701 | (D) |
| Addenda: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| European Union ${ }^{6}$...................................... | 73,540 | 72,315 | 76.497 | 99,012 | 121,510 | 140,471 | 156,068 | 180,546 | 61,803 | 64,243 | 71,319 | 76,612 | 83,987 | 114,106 | 127,698 | 155,318 |
| Eastern Europe ${ }^{7}$....................................... | 12 | 53 | 423 | 438 | 577 | 834 | 1,601 | 2,465 | 13 | 10 | 12 | 20 | 22 | 20 | 34 | 55 |

[^39]equipment. Contains data for U.S. affiliates that have a foreign parent but whose ultimate beneficial owner is a U.S. 5.
person.
6. Se

MNC Multinational company
MOFA Majority-owned foreign affiliate
MOUSA Majority-owned U.S. affiliate

Table 9.1.-Sales of Services to Foreign Persons by U.S. MNC's Through Their Nonbank MOFA's, SIC-Based Industry of Affiliate by Country of Affiliate, $1998{ }^{1}$
[Millions of dollars]


Table 9.2.-Sales of Services to Foreign Persons by U.S. MNC's Through Their Nonbank MOFA's, NAICS-Based Industry of Affiliate, 19991
[Millions of dollars]

|  | All countries |
| :---: | :---: |
| All industries .................................................................................... | 338,409 |
| Manufacturing................................................................................................ | 12,998 |
| Wholesale trade | 12,061 |
| Retail trade ... | 483 |
| Information. | 59,263 |
| Publishing industries... | 11,674 |
| Motion picture and sound recording industries. | 8,209 |
| Broadcasting and telecommunications ............ | 25,271 |
| Information services and data processing services ................................................. | 14,109 |
| Finance (except depository institutions) and insurance ......... | 78,549 |
| Finance, except depository institutions.............................................................. | 31,622 |
| Insurance carriers and related activities ............................................................. | 46,927 |
| Real estate and rentai and leasing .................................................................... | 10,146 |
| Professional, scientific, and technical services $\qquad$ Of which: | 59,184 |
| Computer systems design and related services................................................ | 27,189 |
| Other industries ..... | 105,725 |
| Of which: |  |
| Utilities ........................................................................................................... | 34,152 |
| Transportation and warehousing ........................................................................ | 16,596 |
| Administration, support, and waste management ............................................................................................................... | 20,962 15,962 |

[^40]MOFA Majority-owned foreign affiliate

Table 10.1.-Sales of Services to U.S. Persons by Foreign MNC's Through Their Nonbank MOUSA's, NAICS-Based Industry of Affiliate by Country of UBO, 1998
[Millions of dollars]


* Less than \$500,000

Suppressed to avoid disclosure of data of individual companies.
MNG Multinational company

Table 10.2.-Sales of Services to U.S. Persons by Foreign MNC's Through Their Nonbank MOUSA's, NAICS-Based Industry of Affiliate by Country of UBO, 1999
[Millions of dollars]

${ }^{*}$ Less than $\$ 500,000$.
${ }^{0}$ Suppressed to avoid disclosure of data of individual companies.
MNC Multinational company

# Personal Income by State 

# Second Quarter 2001 

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

By Duke Tran

$T$N the second quarter of 2001, personal income growth slowed in 40 States. For the Nation, the growth in personal income slowed from a 1.4 -percent increase in the first quarter to an 0.8 -percent increase in the second, the smallest growth rate since the first quarter of $1999 .^{1}$ The deceleration was mainly accounted for by downturns in earnings in manufacturing, construction, and transportation and public utilities and by slower earnings growth in services and trade.

- Personal income grew the fastest in three western States--Nevada, New Mexico, and Cali-fornia-and Florida.
- Three States with relatively small shares of the Nation's personal income-North Dakota, Iowa, and West Virginia-had the slowest growth.
- In all the States except North Dakota and Iowa, the growth in personal income either exceeded or was equal to the 0.3 -percent increase in prices for the Nation.

The deceleration in U.S. personal income growth reflected slowdowns in all three major components of income-net earnings; dividends, interest, and rent; and transfer payments. The growth in net earnings, which accounts for about 69 percent of personal income, slowed to 1.0 percent in the second quarter from 1.4 percent in the first. ${ }^{2}$ The slowdown reflected a decelera-tion-from 1.5 percent to 1.0 percent-in payroll growth. Dividends, interest, and rent, which accounts for about 18 percent of personal income, declined 0.2 percent after increasing 0.2 percent.

[^41]The downturn partly reflected declining interest rates. Transfer payments, which accounts for about 13 percent of personal income, increased 1.5 percent after increasing 3.1 percent. The slowdown reflected a return to normal trends after a firstquarter upward shift that was partly due to an increase in cost-of-living adjustments to benefits under social security and other programs.

By industry, earnings growth decelerated in all the major industry groups except finance, insurance, and real estate. Earnings declines in farms, in construction, in manufacturing, and in transportation and public utilities were widespread.

The declines in quarterly farm earnings were widespread and were sometimes substantial, but farm earnings are typically quite volatile.

For construction, the declines represented a marked change from relatively strong growth in the first quarter and reflected a slowing of the overall economy. Of the 31 States with declines in construction earnings in the second quarter, 25 States had positive earnings growth in the first quarter.

For manufacturing, weakness exhibited in the first quarter became more widespread: Manufacturing earnings declined in 32 States in the second quarter, more than double the 15 States with declines in the first quarter. Of the 32 States with declines in manufacturing earnings, durable-goods manufacturing declined in 30 States, and nondu-rable-goods manufacturing declined in 18 States.

For transportation and public utilities, 17 of the 21 States (including the District of Columbia) with declines had positive growth in the first quarter.

Forty States, accounting for about 70 percent of U.S. personal income, had slower income growth in the second quarter than in the first (table A). In these States, there was a consistent pattern of weakness in manufacturing, construction, and transportation and public utilities. In contrast, faster growth in earnings in finance, insurance, and real estate contributed substantially to growth in most of these 40 States.

Personal income grew at the same pace in the second quarter as in the first in Florida and in Michigan.

Personal income picked up in California, Colorado, Delaware, the District of Columbia, Idaho, New Jersey, South Dakota, Washington, and Wyoming. In the District of Columbia and in the rest of the States except California and Wyoming, the faster growth reflected a rebound from declines or weak growth in the first quarter. In all these States and in the District of Columbia, earnings growth helped offset declines in dividends, interest, and rent. In addition, manufacturing earnings, especially durable-goods manufacturing, was the major contributor to the earnings growth in Delaware, partly reflecting the resumption of work at a motor vehicle assembly plant after a temporary shutdown in the first quarter. Reflecting a 3.1percent growth in employment, mining earnings was the major contributor to growth in Wyoming.

Fastest growing States.-In the second quarter, the four States with the fastest growth in personal income were Nevada ( 1.5 percent), New Mexico ( 1.5 percent), Florida ( 1.2 percent), and California ( 1.2 percent). Together, these States accounted for about 20 percent of U.S. personal income, and they contributed about 28 percent of the $\$ 72$ billion growth in U.S. personal income. The growth in these States was primarily accounted for by increases in net earnings (table B). Transfer payments also contributed substantially to income growth in New Mexico and Florida.

In all four States, the major contributors to the earnings increases were earnings in finance, insurance, and real estate, in services, and in government (tables C and D). In Nevada, earnings in construction, durable-goods manufacturing, and retail trade also contributed to earnings growth. In New Mexico, earnings in farms and mining also contributed, and in Florida, earnings in wholesale

## CHART 1

Personal income Giowth 2001:-2001:11

U.S. Buroau of Economic Anatysis
trade also contributed.
Slowest growing States.-In the second quarter, North Dakota ( 0.2 percent), Iowa ( 0.2 percent), and West Virginia ( 0.3 percent) registered the smallest increases in personal income; these increases followed large increases in the first quarter. Together, these States accounted for about 1.6 percent of U.S. personal income, and they contrib-
uted only about 0.5 percent of the $\$ 72$ billion growth in U.S. personal income.

The decelerations in these States reflected general weakness in most categories of earnings. In particular, the slow growth in North Dakota and Iowa mainly reflected large declines in farm earnings.

Tables A-D and tables 1 and 2 follow.

Table A.-Personal Income, by State and Region, 2000:I-2001:II
[Millions of dollars, seasonally adjusted at annual rates]

|  | 2000 |  |  |  | 2001 |  | Percent change from preceding quarter ${ }^{\text {' }}$ |  |  |  |  | $\begin{gathered} \text { Percent } \\ \text { change } \\ \text { choo:111 } \\ 2001: 11^{2} \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $1 /$ | $11{ }^{\text {r }}$ | III' | N' | 1 | 118 | 2000:11 | 2000:111 | 2000:IV | 2001:1 | 2001:11 |  |
| United States ....................................... | 8,097,740 | 8,264,219 | 8,374,722 | 8,512,567 | 8,632,966 | 8,705,009 | 2.1 | 1.3 | 1.6 | 1.4 | . 8 | 5.3 |
| New England. | 487,310 | 494,517 | 502,804 | 512,981 | 523,084 | 527,487 | 1.5 | 1.7 | 2.0 | 2.0 | . 8 | 6.7 |
| Connecticut.................... | 135,970 | 138,448 | 140,111 | 142,690 | 146,216 | 147,235 | 1.8 | 1.2 | 1.8 | 2.5 | 7 | 6.3 |
| Maine ........................................... | 31,753 | 32,364 | 32,534 | 32,996 | 34,070 | 34,276 | 1.9 | . 5 | 1.4 | 3.3 | . 6 | 5.9 |
|  | 233,514 40,073 | 236,408 40,504 | 241,958 41,007 | 247,074 42,165 | 250,708 42,926 | 253,165 43,251 | 1.2 | 2.3 1.2 | 2.1 | 1.5 1.8 | 1.0 | 7.1 6.8 |
| Rhode island ................................................ | 30,009 | 30,360 | 30,802 | 31,227 | 31,912 | 32,190 | 1.2 | 1.5 | 1.4 | 2.2 | 9 | 6.0 |
| Vermont ............................... | 15,991 | 16,433 | 16,390 | 16,828 | 17,252 | 17,369 | 2.8 | -. 3 | 2.7 | 2.5 | . 7 | 5.7 |
| Mideast......... | 1,512,578 | 1,545,487 | 1,564,588 | 1,602,664 | 1,624,312 | 1,638,221 | 2.2 | 1.2 | 2.4 | 1.4 | . 9 | 6.0 |
| Delaware ................. | 23,645 | 24,225 | 24,616 | ${ }^{25,278}$ | 25,220 | 25,483 | 2.5 | 1.6 | 2.7 | -2 | 1.0 | 5.2 |
| District of Columbia ......................... | $\begin{array}{r}21,382 \\ 174030 \\ \hline\end{array}$ | 21,762 176626 | $\begin{array}{r}21,938 \\ 17956 \\ \hline\end{array}$ | 22,594 $+183,807$ | 22,631 187132 | 22,833 188705 | 1.8 | 1.8 | 3.0 <br> 2.4 | $\stackrel{2}{18}$ | 8 <br> 8 | 4.9 |
| New Jersey............... | 301,864 | 311,145 | 314,788 | 323,766 | 322,635 | 324,898 | 3.1 | 1.2 | 2.9 | -. 3 | 7 | 4.4 |
| New York...................................... | 637,015 | 650,883 | 658,647 | 675,787 | 688,457 | 695,753 | 2.2 | 1.2 | 2.6 | 1.9 | 1.1 | 6.9 |
| Pennsylvania ...................................... | 354,643 | 360,846 | 365,038 | 371,431 | 378,237 | 380,549 | 1.7 | 1.2 | 1.8 | 1.8 | . 6 | 5.5 |
| Great Lakes .... | 1,291,760 | 1,312,127 | 1,325,189 | 1,340,167 | 1,356,644 | 1,365,359 | 1.6 | 1.0 | 1.1 | 1.2 | . 6 | 4.1 |
| Illinois ..... | 387,040 | 393,233 | 399,127 | 405,556 | 411,316 | 414,130 |  |  | 1.6 |  |  |  |
| Indiana ...... | 160,369 | 163,277 | 165,178 | 165,374 | 168,359 | 169,359 | 1.8 | 1.2 | . 1 | 1.8 | . 6 | 3.7 |
| Michigan ............................................. | 285,035 | ${ }^{288,883}$ | 290,572 | 293,068 | 295,204 | 297,261 | 1.4 | 6 | . 9 | . 7 | 7 | 2.9 |
| Ohio ......... | 312,096 147220 | 316,416 150 1518 | 318,662 151651 | 321,892 154,277 | 325,082 156,683 | $\begin{array}{r}327,289 \\ 157 \\ \hline\end{array}$ | 1.4 <br> 2.1 <br> 1 | . 7 | 1.0 | 1.0 | $\begin{array}{r}7 \\ 4 \\ \hline\end{array}$ | 3.4 4 |
| Plains............ | 528,989 | 542,586 | 549,461 | 554,867 | 562,544 | 566,191 | 2.6 | 1.3 | 1.0 | 1.4 | . 6 | 4.4 |
| lowa ........................................... | 75,323 | 77,340 | 78,047 | 78,423 | 79,509 | 79,698 | 2.7 | . 9 | . 5 | 1.4 | . 2 | 3.0 |
| Kansas .... | 71,638 | 73,560 | 75,204 | 74,915 | 76,417 | 77,084 | 2.7 | 2.2 | -. 4 | 2.0 |  | 4.8 |
| Minnesota ........................................... | 152,130 | 156,606 | 158,854 | 162,129 | 164,031 | 165,333 | 2.9 | 1.4 | 2.1 | 1.2 | 8 | 5.6 |
| Missouri.............................................. | 148654 | 151,938 | 153,613 | 155,555 | 157,755 | 158,949 | 2.2 | 1.1 | 1.3 | 1.4 | 7 | 4.6 |
| Nebraska........................................ | 46,517 | 47,339 | 47,903 | 47,931 | 48,244 | 48,446 | 1.8 | 1.2 | - 1 | . 70 | ${ }^{4}$ | 2.3 |
| North Dakota ........................................... <br> South Dakota. | 15,546 19,194 | 16,075 19,727 | 16,069 19,771 | 15,971 19,943 | 16,611 19,976 | 16,636 20,085 | 3.4 <br> 2.8 | . 2 | -. 6 | 4.0 | . 5 | 1.8 |
| Southeast. | 1,774,540 | 1,812,551 | 1,831,608 | 1,862,368 | 1,891,180 | 1,906,814 | 2.1 | 1.1 | 1.7 | 1.5 | . 8 | 5.2 |
| Alabama ........................................... | 102,614 | 104,586 | 104,671 | 106,399 | 108,042 | 108,464 | 1.9 | 17 | 1.7 | 1.5 | 5 | 3.7 |
| Arkansas | 58,006 434,332 | $\begin{array}{r}58,635 \\ 444,037 \\ \hline\end{array}$ |  | 59,124 459645 | $\begin{array}{r}61,089 \\ 465,159 \\ \hline\end{array}$ | 61,420 470,691 | 1.1 2.2 | 1.7 | -8.81 | 1.3 | 1.5 | 4.7 6.0 |
| Georgia........................................................... | 222,998 | 227,472 | 229,956 | 234,344 | 237,212 | 239,561 | 2.0 | 1.1 | 1.9 | 1.2 | 1.0 | 5.3 |
| Kentucky ............................................. | 95,335 | 96,771 | 98,117 | 99,556 | 101,367 | 101,872 | 1.5 | 1.4 | 1.5 | 1.8 |  | 5.3 |
| Louisiana........................................... | 101,678 | 103,199 | 103,535 | 104,035 | 106,298 | 106,883 | 1.5 | . 3 | . 5 | 2.2 | . 5 | 3.6 |
| Mississippi....................................... | 51,857 | 51,489 | 59,766 | 60,256 | 61,216 | 61,523 | 1.9 | 1.5 | . 8 | 1.6 | ${ }^{5}$ | 3.4 |
| North Carolina ...................................... | 210,878 | 216,158 | 218,512 | 222,497 | 226,315 | 227.472 | 2.5 | 1.1 | 1.8 | 1.7 | . 5 | 5.2 4.9 |
|  | 194,047 144,517 | 147,045 | 148,763 | 150,682 | 153,393 | 154,843 | 1.7 | 1.6 | 1.5 1.3 | 1.8 | 9 | 5.3 |
| Virginia ........................................................ | 213,290 | 219,484 | 222,274 | 227,285 | 230,119 | 232,111 | 2.9 | 1.3 | 2.3 | 1.2 | 9 | 5.8 |
| West Virginia..................................... | 38,488 | 39,343 | 39,456 | 40,190 | 40,777 | 40,919 | 2.2 | . 3 | 1.9 | 1.5 | 3 | 4.0 |
| Southwest. | 811,128 | 826,550 | 837,121 | 850,780 | 869,412 | 876,483 | 1.9 | 1.3 | 1.6 | 2.2 | . 8 | 6.0 |
| Arizona. | 126,892 | 127,750 | 129,875 | 132,013 | 133,908 | 135,011 | . 7 | 1.7 | 1.6 | 1.4 | . 8 | 5.7 |
| New Mexico......................................... | 38,864 | 39,993 | 40,197 | 40,837 | 41,644 | 42,260 | 2.9 | . 5 | 1.6 | 2.0 | 1.5 | 5.7 |
| Okkahoma .......................................... | 79,413 | 817,040 | 82,152 | 83,611 | 84,453 | 85,095 | ${ }_{2}^{2.0}$ | 1.4 | 1.8 | 1.0 | 8 | 5.0 |
| Texas ............................................... | 565,959 | 577,766 | 584,898 | 594,320 | 609,407 | 614,117 | 2.1 | 1.2 | 1.6 | 2.5 | 8 | 6.3 |
| Rocky Mountain...................................... | 247,946 | 256,296 | 260,656 | 265,322 | 267,596 | 269,979 | 3.4 | 1.7 | 1.8 | . 9 | . 9 | 5.3 |
| Colorado......... | 133,717 | 139,522 | 142,828 | 145,344 | 146,076 | 147,484 | 4.3 | 2.4 | 1.8 | . 5 | 1.0 | 5.7 |
| Idaho................................................ | 29,880 | 30,684 | 30,968 | 31,504 | 31,747 | 32,039 | 2.7 | 9 | 1.7 | . 8 | . 9 | 4.4 |
| Montana ............................................... | 19,865 51,222 | 20,312 52,306 | 20,599 52.674 | 20,802 53,693 | 21,094 54.670 | 21,305 54,985 | 2.3 | 1.4 | 1.0 | 1.4 | 1.0 | 4.9 5.1 |
|  | 13,262 | 13,472 | 13,587 | 13,980 | 14,010 | 14,166 | 1.6 | 9 | 2.9 | + 1.8 | 1.1 | 5.2 |
| Far West ...................................................... | 1,443,489 | 1,474,105 | 1,503,295 | 1,523,417 | 1,538,194 | 1,554,475 | 2.1 | 2.0 | 1.3 | 1.0 | 1.1 | 5.5 |
| Alaska............................................................. | 18,215 $1.058,595$ | 18,499 1,084057 | $\begin{array}{r} 18,792 \\ 1111023 \end{array}$ | 18,942 1,125205 | $\begin{array}{r} 19,260 \\ 1.137,376 \end{array}$ | 19,423 $1,150,660$ | 1.6 2.4 | 1.6 2.5 | . 8 | 1.7 | 1.8 | 5.0 |
| Cairfornia........................................... | 1,538,068 | -1, 33,708 | 33,854 | 34,473 | 34.837 | 1,15,106 | 1.9 | ${ }^{4}$ | 1.8 | 1.1 | . 8 | 4.1 |
| Nevada ................................................. | 58,035 | 59,631 | 60,006 | 60,886 | 62,286 | 63,249 | 2.7 | . 6 | 1.5 | 2.3 | 1.5 | 6.1 |
| Oregon ............................................ | 92,945 | 94,638 | 95,800 | 96,614 | 98,194 | 98,986 | 1.8 | 1.2 | . 8 | 1.6 | 8 | 4.6 |
| Washington......................................... | 182,632 | 183,572 | 183,620 | 187,297 | 186,240 | 187,050 | . 5 | 0 | 2.0 | -. 6 | . 4 | 1.9 |

${ }^{r}$ Revised.

1. Percent changes are expressed at quarterly rates.
2. Percent changes are expressed at annual rates.

Note.-Estimates may not add to totals because of rounding.

Table B.-Personal Income by Component, by State, and by Region, 2001:1-2001:II
[Seasonally adjusted]

|  | Percent change |  |  |  |  |  |  |  | Percent change in personal income 2001:1 | Contribution to percent change in personal income, 2001:I (percentage points) |  |  | Percent change in personal income 2001:II | Contribution to percent change in personal income, 2001:ll (percentage points) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Personal income |  | Net earnings ${ }^{1}$ |  | Dividends, interest, and rent |  | Transfer payments |  |  | $\left\lvert\, \begin{gathered} \text { Net } \\ \text { earnings }{ }^{1} \end{gathered}\right.$ | Dividends, interest, and rent | Transfer payments |  | $\begin{aligned} & \text { Net } \\ & \text { earnings } \end{aligned}$ | Dividends, interest, and rent | Transfer payments |
|  | 2001: | 2001:11 | 2001:1 | 2001:II | 2001:1 | 2001:11 | 2001:\| | 2001:II |  |  |  |  |  |  |  |  |
| Uniled States | 1.4 | 0.8 | 1.4 | 1.0 | 0.2 | -0.2 | 3.1 | 1.5 | 1.4 | 0.97 | 0.04 | 0.40 | 0.8 | 0.68 | -0.04 | 0.19 |
| New England. | 2.0 | . 8 | 2.3 | 1.0 | . 1 | -. 1 | 2.8 | 1.4 | 2.0 | 1.61 | . 02 | . 34 | . 8 | . 69 | -. 02 | . 17 |
| Connecticut. | 2.5 | . 7 | 3.0 | . 8 | 0 | -. 2 | 2.6 | 1.3 | 2.5 | 2.18 | . 01 | . 28 | . 7 | . 59 | -. 03 | . 14 |
| Maine ........ | 3.3 | . 6 | 4.1 | . 6 | 2 | -. 1 | 3.3 | 1.4 | 3.3 | 2.66 | . 04 | . 56 | .6 | . 38 | -. 01 | . 23 |
| Massachusetts ... | 1.5 | 1.0 | 1.6 | 1.1 | 2 | 0 | 2.8 | 1.5 | 1.5 | 1.12 | . 03 | . 32 | 1.0 | . 81 | -. 01 | . 18 |
| New Hampshire... | 1.8 | . 8 | 2.1 | 1.0 | 0 | -. 4 | 2.7 | 1.3 | 1.8 | 1.52 | . 01 | . 27 | . 8 | 70 | -. 07 | . 13 |
| Rhode Island....... | 2.2 | 9 | 2.6 | 1.0 | . 1 | -. 1 | 3.1 | 1.3 | 2.2 | 1.67 | . 01 | . 51 | . 9 | 68 | -. 03 | . 22 |
| Vermont | 2.5 | 7 | 2.9 | . 7 | 3 | 0 | 3.7 | 1.5 | 2.5 | 1.93 | . 06 | . 53 | .7 | .46 | -. 01 | . 22 |
| Mideast............................................ | 1.4 | . 9 | 1.4 | 1.0 | 1 | -. 2 | 2.8 | 1.2 | 1.4 | . 94 | . 03 | . 39 | . 9 | . 72 | -. 03 | . 17 |
| Delaware ....................................... | -. 2 | 1.0 | -1.0 | 1.4 | . 1 | -. 3 | 3.8 | 1.1 | -. 2 | -. 70 | . 02 | . 45 | 1.0 | . 96 | -. 05 | . 14 |
| District of Columbia .......................... | . 2 | 9 | -2 | 1.3 | 0 | -. 4 | 2.2 | . 9 | . 2 | - 11 | 0 | . 28 | . 9 | . 86 | -. 08 | . 11 |
| Maryland ....................................... | 1.8 | 8 | 2.0 | 1.0 | . 1 | 0 | 3.4 | 1.5 | 1.8 | 1.45 | . 02 | . 33 | . 8 | 70 | 0 | . 15 |
| New Jersey...................................... | -. 3 | .7 | -.9 | . 8 | . 2 | -. 1 | 2.7 | 1.1 | -3 | -. 68 | . 04 | . 29 | .7 | . 61 | -. 02 | . 12 |
| New York....................................... | 1.9 | 1.1 | 2.1 | 1.3 | 2 | -. 1 | 2.7 | 1.2 | 1.9 | 1.45 | . 03 | . 40 | 1.1 | . 89 | -. 02 | . 19 |
| Pennsylvania ................................... | 1.8 | 6 | 2.0 | . 7 | . 1 | -. 4 | 3.0 | 1.2 | 1.8 | 1.34 | . 02 | .48 | . 6 | . 49 | -. 08 | . 20 |
| Great Lakes | 1.2 | . 6 | 1.2 | . 7 | . 3 | -. 2 | 2.9 | 1.4 | 1.2 | . 79 | . 06 | . 37 | . 6 | . 50 | -. 04 | . 18 |
| Illinois ... | 1.4 | . 7 | 1.5 | 9 | . 4 | -. 2 | 2.6 | 1.1 | 1.4 | 1.05 | . 08 | . 29 | . 7 | . 60 | -. 04 | . 13 |
| Indiana ....... | 1.8 | . 6 | 1.8 | . 6 | . 6 | -. 1 | 3.2 | 1.6 | 1.8 | 1.26 | . 12 | . 43 | . 6 | .40 | -. 02 | . 22 |
| Michigan ....................................... | . 7 | . 7 | .3 | . 7 | . 2 | -. 7 | 3.5 | 1.5 | . 7 | . 22 | . 04 | .47 | .7 | . 51 | -. 02 | . 20 |
| Ohio ............................................. | 1.0 | . 7 | . 9 | . 8 | . 2 | -. 3 | 2.7 | 1.3 | 1.0 | . 57 | . 03 | . 39 | . 7 | . 53 | -. 05 | . 19 |
| Wisconsin ..................................... | 1.6 | . 4 | 1.7 | . 4 | . 4 | -. 3 | 2.7 | 1.6 | 1.6 | 1.15 | . 07 | . 33 | . 4 | . 26 | -. 06 | . 20 |
| Plains.. | 1.4 | . 6 | 1.3 | . 8 | . 5 | -. 4 | 3.0 | 1.5 | 1.4 | . 89 | . 10 | . 39 | . 6 | . 52 | -. 07 | . 20 |
| lowa. | 1.4 | . 2 | 1.3 | . 3 | . 8 | -. 7 | 2.6 | 1.3 | 1.4 | . 88 | . 15 | . 35 | . 2 | . 19 | -. 13 | . 18 |
| Kansas .......................................... | 2.0 | . 9 | 2.3 | 1.2 | . 5 | -. 3 | 2.8 | 1.1 | 2.0 | 1.54 | . 10 | . 36 | . 9 | . 80 | -. 07 | . 14 |
| Minnesota ...................................... | 1.2 | . 8 | 1.2 | . 9 | . 5 | -. 2 | 2.5 | 1.9 | 1.2 | . 80 | . 10 | . 27 | . 8 | . 63 | -. 03 | . 20 |
| Missouri ........................................ | 1.4 | 7 | 1.3 | 8 | 2 | -. 3 | 3.6 | 1.5 | 1.4 | . 84 | . 04 | . 53 | 7 | .56 | -. 06 | . 23 |
| Nebraska ....................................... | . 7 | 4 | . 1 | . 5 | 7 | -. 5 | 3.6 | 1.7 | . 7 | . 05 | . 15 | . 45 | . 4 | . 31 | -. 10 | . 21 |
| North Dakota .................................. | 4.0 | . 2 | 5.3 | . 1 | 1.0 | -. 9 | 2.7 | 1.8 | 4.0 | 3.36 | . 21 | . 44 | . 2 | . 05 | -. 19 | . 29 |
| South Dakota.................................... | . 2 | . 5 | -. 7 | . 7 | 1.0 | -. 5 | 3.1 | 1.4 | . 2 | -. 46 | . 22 | . 41 | . 5 | . 47 | -. 12 | . 20 |
| Southeast.......................................... | 1.5 | . 8 | 1.5 | . 9 | . 2 | -. 1 | 3.5 | 1.6 | 1.5 | . 99 | . 05 | . 51 | . 8 | . 62 | -. 03 | . 23 |
| Alabama ......................................... | 1.5 | 4 | 1.4 | 2 | . 2 | -. 1 | 3.5 | 1.6 | 1.5 | . 92 | .03 | . 60 | . 4 | . 15 | -. 03 | . 27 |
| Arkansas ....................................... | 3.3 | . 5 | 4.1 | . 6 | . 5 | -. 3 | 3.5 | 1.3 | 3.3 | 2.60 | . 09 | .63 | . 5 | . 36 | -. 06 | . 24 |
| Florida .......................................... | 1.2 | 1.2 | 1.0 | 1.6 | . 3 | 0 | 3.4 | 1.5 | 1.2 | . 61 | . 08 | . 51 | 1.2 | . 97 | -. 01 | . 23 |
| Georgia......................................... | 1.2 | 1.0 | 1.1 | 1.0 | . 4 | . 2 | 3.6 | 1.8 | 1.2 | . 76 | . 07 | .39 | 1.0 | .76 | . 03 | . 20 |
| Kentucky ........................................ | 1.8 | . 5 | 1.8 | 4 | 3 | -. 2 | 3.6 | 1.6 | 1.8 | 1.15 | . 04 | . 62 | . 5 | 25 | -. 03 | . 28 |
| Louisiana........................................ | 2.2 | . 5 | 2.8 | . 9 | 3 | -. 8 | 1.8 | . 5 | 2.2 | 1.81 | . 06 | .31 | . 5 | . 59 | -. 13 | . 09 |
| Mississippi ................................... | 1.6 | . 5 | 1.3 | .4 | . 5 | -. 3 | 3.6 | 1.6 | 1.6 | . 811 | .09 | . 70 | . 5 | . 23 | -. 05 | . 32 |
| North Carolina ................................. | 1.7 | . 5 | 1.6 | . 4 | . 2 | -. 2 | 4.2 | 2.2 | 1.7 | 1.11 | . 05 | . 56 | . 5 | . 26 | -. 04 | . 29 |
| South Carolina................................ | 1.9 | . 9 | 1.8 | . 9 | .3 | -. 1 | 4.2 | 2.0 | 1.9 | 1.19 | . 05 | .63 | . 9 | .57 | -. 01 | . 31 |
| Tennessee ....................................... | 1.8 | . 9 | 1.7 | 1.1 | - 1 | -. 5 | 3.9 | 1.7 | 1.8 | 1.19 | -. 01 | . 62 | . 9 | . 74 | -. 08 | . 28 |
| Virginia........................................ | 1.2 | 9 | 1.3 | 1.0 | 0 | -. 1 | 3.5 | 1.7 | 1.2 | . 91 | . 01 | .33 | . 9 | .73 | -. 03 | . 16 |
| West Virginia ............................................................... | 1.5 | . 3 | 1.5 | . 3 | -. 1 | -. 4 | 2.5 | 1.0 | 1.5 | . 91 | -. 02 | . 56 | 3 | . 19 | -. 08 | . 24 |
| Southwest........................................ | 2.2 | . 8 | 2.4 | 1.0 | . 2 | -. 9 | 3.5 | 1.7 | 2.2 | 1.73 | . 03 | . 43 | . 8 | . 75 | -. 14 | . 20 |
| Arizona ............................................ | 1.4 | . 8 | 1.3 | . 9 | . 3 | 0 | 3.6 | 1.7 | 1.4 | . 91 | . 05 | . 47 | . 8 | . 59 | 0 | . 23 |
| New Mexico.......................................... | 2.0 | 1.5 | 2.0 | 1.9 | . 2 | -. 2 | 4.1 | 1.7 | 2.0 | 1.30 | . 04 | . 64 | 1.5 | 1.24 | -. 03 | . 27 |
| Oklahoma ...................................... | 1.0 | . 8 | . 7 | . 8 | . 2 | 0 | 3.3 | 1.4 | 1.0 | .46 | . 04 | . 50 | 8 | 54 | 0 | . 22 |
| Texas ............................................ | 2.5 | . 8 | 2.9 | 1.1 | 1 | -1.4 | 3.5 | 1.7 | 2.5 | 2.13 | . 02 | . 39 | . 8 | . 78 | -. 20 | . 19 |
| Rocky Mountain................................. | . 9 | . 9 | . 6 | 1.0 | . 4 | -. 1 | 3.3 | 1.6 | . 9 | . 46 | . 07 | . 33 | . 9 | . 75 | -. 03 | . 17 |
| Colorado........................................ | . 5 | 1.0 | . 2 | 1.1 | . 3 | -. 1 | 3.2 | 1.7 | . 5 | .17 | . 06 | . 27 | 1.0 | . 83 | -. 01 | . 15 |
| Idaho ................................................................... | . 8 | . 9 | . 2 | 1.1 | . 6 | -. 2 | 4.1 | 1.8 | . 8 | . 14 | . 11 | . 53 | . 9 | . 73 | -. 04 | . 23 |
| Montana ......................................... | 1.4 | 1.0 | 1.5 | 1.6 | 4 | -. 6 | 2.4 | 1.0 | 1.4 | . 92 | .09 | . 40 | 1.0 | . 97 | -. 14 | . 17 |
| Utah ............................................. | 1.8 | .$^{6}$ | 1.9 | . 6 | 2 | -. 1 | 3.6 | 1.8 | 1.8 | 1.42 | . 04 | .36 | .$^{6}$ | 41 | -. 01 | . 18 |
| Wyoming........................................ | 2 | 1.1 | -. 5 | 1.6 | 7 | 0 | 2.9 | 1.1 | . 2 | -. 31 | . 18 | . 34 | 1.1 | . 98 | . 01 | . 13 |
| Far West ........................................... | 1.0 | 1.1 | . 9 | 1.3 | . 2 | 0 | 3.0 | 1.4 | 1.0 | . 60 | . 03 | . 33 | 1.1 | . 89 | 0 | . 16 |
| Alaska.......................................... | 1.7 | . 8 | 1.9 | 1.1 | . 2 | -. 2 | 2.5 | . 9 | 1.7 | 1.24 | . 03 | .41 | . 8 | . 73 | -. 03 | . 15 |
| California....................................... | 1.1 | 1.2 | 1.0 | 1.4 | . 2 | . 1 | 2.8 | 1.3 | 1.1 | . 74 | . 03 | . 31 | 1.2 | 1.00 | . 02 | . 15 |
| Hawaii .......................................... | 1.1 | . 8 | 1.0 | . 9 | 0 | -. 1 | 2.9 | 1.1 | 1.1 | . 71 | 0 | . 35 | . 8 | . 65 | -. 02 | . 14 |
| Nevada ........................................... | 2.3 | 1.5 | 2.7 | 2.1 | 2 | -. 3 | 3.9 | 1.6 | 2.3 | 1.86 | . 04 | .39 | 1.5 | 1.44 | -. 06 | . 17 |
| Oregon.......................................... | 1.6 | . 8 | 1.6 | 1.0 | 2 | -. 4 | 3.9 | 1.7 | 1.6 | 1.08 | .03 | . 52 | . 8 | . 65 | -. 08 | . 23 |
| Washington.................................... | $-6$ | . 4 | -1.4 | . 4 | . 2 | -. 3 | 3.1 | 1.8 | -. 6 | -. 97 | . 04 | . 37 | 4 | . 27 | -. 06 | . 22 |

1. Net earnings is earnings by place of work-the sum of wage and salary disbursements (payrolls), other

Note.-Estimates may not add to totals because of rounding. labor income, and proprietors' income-less personal contributions for social insurance plus an adjustment to convert earnings by place of work to a place-of-residence basis.

Table C.-Earnings by Major Industry, by State, and by Region, 2001:I-2001:II [Seasonally adjusted]

|  | Percent change |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total ${ }^{1}$ |  | Farms |  | Mining |  | Construction |  | Manufacturing |  | ```Transportation and public utilities``` |  | Wholesale trade |  | Retail trade |  | Finance insurance, and real estate |  | Services |  | Government |  |
|  | 2001:1 | 2001:11 | 2001:1 | 2001:11 | 2001:1 | 2001:11 | 2001:1 | 2001:11 | 2001:1 | 2001:11 | 2001: | 2001:11 | 2001:1 | 2001:11 | 2001:1 | 2001:11 | 2001:1 | 2001:11 | 2001:1 | 2001:11 | 2001:1 | 2001:11 |
| United States. | 1.5 | 1.0 | -3.0 | -1.0 | 3.4 | 2.7 | 3.1 | $-0.1$ | 0 | -0.4 | 1.4 | -0.1 | 0.9 | 0.6 | 1.5 | 0.8 | 1.8 | 2.7 | 2.0 | 1.5 | 1.5 | 1.3 |
| New England... | 2.3 | 1.0 | -. 5 | 1.1 | 3.8 | 3.6 | 4.8 | . 9 | 1.0 | -. 9 | 5.3 | -1.1 | -2.4 | . 6 | 1.9 | 1.2 | 5.1 | 2.8 | 1.1 | 1.4 | 5.4 | 1.1 |
| Connecticut.............. | 3.2 | . 8 | 6.4 | -. 5 | 0 | 1.3 | 4.8 | 1 | -2 | -. 5 | 7.6 | -4.4 | -3.6 | -3 | 3.7 | 1.7 | 7.0 | 2.8 | 2.4 | 1.2 | 6.3 | 1.1 |
| Maine ........te....... | 4.2 | 7 | -4.8 | 1.5 | 15.0 | 3.3 | 9.9 | 1.2 | 5.2 | -1.7 | 3.8 | 7 | 2.8 | -1.4 | 5.3 | 7 | -1.1 | 1.2 | 5.3 | 1.4 | 1.9 | 1.5 |
| Massachuseets ........ | 1.6 | 1.1 | -3.6 | 2.2 | 6.9 | 6.3 | 4.6 | 1.4 | -. 2 | -1.0 | 5.8 | 2 | -3.8 | . 6 |  | 1.1 | 5.8 | 3.0 | -. 2 | 1.5 | 6.6 | 1.0 |
| New Hampshire....... | 2.1 | . 9 | -6.8 | 3.8 | 10.0 | 3.7 | 5.5 | -4 | 7.0 | -1.3 | -.9 | 0 | 4.2 | 2.8 | 3.9 | 1.3 | -8.9 | 2.5 | -. 2 | 1.8 | 3.4 | 1.2 |
| Rhode island........... | 2.6 | 1.0 | 3.2 -3.5 | -31 | -1.5 | 13.2 | -1.1 | 1.7 | 5 | -1.1 | 1.0 | 7 | -1.2 | 2.0 | 1.1 | -. 1 | 2.6 | ${ }_{2}^{2.6}$ | 5.8 | 1.6 | 2.7 | 1.0 |
| Vermont................. | 3.1 | . 7 | -3.5 | 2.1 | 12.0 | 3.8 | 3.1 | 4 | 5.4 | -. 7 | 4.5 | -. 1 | 4.9 | . 5 | 2.4 | . 9 | 1.3 | 2.5 | 2.4 | 1.2 | 2.0 | . 7 |
| Mideast. | 1.4 | 1.0 | -5.0 | 2.1 | 0 | 3.1 | 2.5 | $-.4$ | -1.3 | -. 4 | -3 | . 1 | . 7 | 4 | 1.2 | . 5 | 2.2 | 2.3 | 2.5 | 1.4 | 1.6 | 1.3 |
| Delaware.... | -1.1. | 1.5 | . 1 | -4.2 | ${ }^{(2)}$ | ${ }^{(2)}$ | -2.2 | -1.3 | -1.7 | 5.9 | 4.7 | . 5 | 10.6 | -3.5 | 2.1 | . 9 | -6.1 | 1.6 | -. 2 | . 4 | -3.2 | 1.1 |
| District of Columbia | . 8 | 1.4 | -16 | -35 | ${ }^{(20}{ }^{2} 9$ | $1{ }^{(2)}$ | -5.2 | -1.3 -4 | $\begin{array}{r}-1.3 \\ \hline 1.1 \\ \hline\end{array}$ | 1.4 | -5.6 -4 | $-3$ | $\begin{array}{r}-1.7 \\ -2.9 \\ \hline\end{array}$ | 1.5 | 4.0 | .3 -3 | -12.8 | 3.0 | 3.6 | 2.0 | . 96 | . 6 |
| New Jersey................. | - -1.5 |  | -1.6 | -1.1 | -9 | 3.9 | 1.5 | -. -9 | -11.1 | -1.3 | -8.0. | . 5 | 2.3 | 1. | $\stackrel{4}{4}$ | -. 6 | -3.3 | 2.5 | 2.7 | 1.4 | 3.2 | 1.4 |
| New York................ | 2.3 | 1.3 | -12.3 | 2.7 | 1.5 | 4.7 | 1.9 | -1 | 2.6 | . 1 | 2.6 | 2 | -. 9 | . 3 | . 9 | . 6 | 4.5 | 2.2 | 2.0 | 1.5 | 8 | 1.6 |
| Pennsylvania........... | 2.2 | . 7 | -4.8 | 5.3 | -1.0 | 2.7 | 5.4 | -. 4 | . 6 | -1.0 | 4.3 | -. 5 | 2.6 | 1.1 | 1.6 | . 5 | 2.9 | 2.4 | 2.7 | 1.3 | 1.4 | 1.3 |
| Great Lakes ............... | 1.2 | 7 | -18.2 | -4.8 | -. 8 | 1.8 | 3.2 | -. 6 | . 6 | . 1 | 2.3 | -1.0 | . 2 | 0 | 1.8 | . 5 | . 5 | 2.5 | 2.2 | 1.2 | . 2 | 1.6 |
| Illinois ................... | 1.6 | . 8 | -19.2 | -8.0 | -5 |  | 5.0 |  | 5.3 |  | $-.6$ |  |  | -. 4 |  |  |  |  | 1.0 |  |  | 1.4 |
| Indiana ................. | 1.9 | ${ }^{6}$ | 1.1 | -8.5 | $-4$ | 2.7 | 4.0 | -1.7 | -3.2 | 8 | 7.3 | -4.8 | 4.4 | - 2 | 1.8 | 5 | 6.3 | 2.1 | 4.2 | 1.7 | 2.7 | 1.7 |
| Michigan ................ | ${ }^{3}$ | 7 | -26.4 | -8 | -6.2 | -1.0 2.5 | -. 1 | - -2 | --2 | $-10$ | 2.7 | - -1.1 | -1.9 | $\begin{array}{r}3 \\ 4 \\ \hline\end{array}$ | 1.6 | 0 | $\begin{array}{r}-1.1 \\ \hline 2\end{array}$ | 2.9 | 1.4 4.0 | 1.1 |  | 2.2 |
| Ohio .................... Wisconsin ............ | 1.9 | $\stackrel{.}{.8}$ | -20.4 | -8 -3.2 | - 4.5 | - 2.4 | 3.6 | -1.3 -2.2 | -1.0 1.7 | 1.0 -1.7 | 1.5 | $\begin{array}{r}-2.5 \\ \hline 1.1\end{array}$ | 2.7 | -. 1 | 3.8 | .6 .4 | - 2.7 | 2.5 | 1.0 1.8 | 1.3 | -3.2 3.7 | 2.1 |
| Plains.......... | 1.4 | . | -8.6 | -5.1 | -1.2 | . 6 | 4.1 | 1.0 | . 2 | -. 3 | 1.1 | . 4 | 2.1 | . 5 | 2.0 | . 5 | 1.8 | 2.8 | 1.5 | 1.2 | 2.1 | 1.1 |
| lowa....... | 1.5 | , | -12.0 | -1.5 | 6.1 | -1.7 | 5.7 | 2 | 1.4 | -1.0 | 0 | 4 | 3.8 | . 5 | 1.0 |  | 3.5 | 2.6 | 2.9 |  | 0 | 5 |
| Kansas.. | 2.5 | 1.3 | -7.5 | -17.6 | -2.3 | 4.9 | -1.3 | 4.4 | 5.1 | 4 | 9 | 1.7 | 1.3 | . 6 | 1.8 | 1.5 | -1.4 | 3.0 | 3.6 | 1.5 | 3.7 | 1.2 |
| Minnesota ............... | 1.2 | . 9 | -17.6 | -4.1 | -7.5 | -4.0 | 4.6 | 1.9 | . | -1.5 | 1.5 | . | 2.7 | 1.2 | 3.4 | . 8 | 5.2 | 2.9 | -. 5 | 1.7 | 1.6 | 1.5 |
| Missouri................ | 1.3 | . 8 | 13.4 |  | 3.5 | -2.9 | 6.2 | -. 2 | -3.0 | 1.4 | 1.9 | -. 2 | 1.4 | 0 | 1.9 | 1 | -. 2 | 2.9 | 1.8 | .7 | 2.2 | . 9 |
| Nebraska | 2 | . 5 | -21.7 | -10.2 | 4.1 | 1.6 | 5 | -. 9 | 1.5 | 0 | -1.2 | 5 | -2.9 | -. 4 | -. 2 | 1. | -2.0 | 2.0 | 4.7 | 1.1 | -. 5 | 1.6 |
| North Dakota ... | 5.2 |  | 48.2 | -5.8 | 3.7 | $-6$ | 6.7 | -1.5 | 2.5 | -. 7 | 5.6 | . 5 | 3.7 | . 6 | 2.2 | 3 | -1.5 | 2.1 |  | 1.1 | 5.7 | 5 |
| South Dakota........... | -. 6 | . 7 | -15.2 | -3.9 | -5.8 | 24.2 | 2.1 | 2 | -2.9 | -. 9 | 1.2 | 1.1 | 11.5 | -. 6 | 0 | 1.3 | , | 4.5 | -4.0 | 1.5 | 7.7 | 1.1 |
| Southeast................. | 1.5 | . 9 | 6.6 | -3.5 | 4.4 | 4.5 | 2.6 | -. 6 | 1.8 | -. 3 | 1.0 | -. 4 | . 7 | 1.3 | 1.6 | 9 | -. 9 | 2.8 | 2.8 | 1.6 | 0 | 1.0 |
| Alabama........ | 1.4 |  | -4.3 | -8.4 | -2.6 | 4.0 | 1.2 | -1.4 | 2.5 | $-6$ | 4.1 | -. 7 | 1.7 | -7 | 1.8 |  | -4.6 | 2.5 | 2.5 | 1.0 |  | . 7 |
| Arkansas ................ | 4.2 | 1.5 | 60.6 | -2.0 | 7.3 | 4.6 | $-.3$ | -. 2 | 3.6 | -. 1 | 5.9 | 7 | 1.3 | 1.4 | 7.15 | $-7$ | -2.3 | 2.6 | 3.5 | 1.0 | --7. | 1.1 |
| Florida................. Georgia.............. | 1.11 | 1.6 1.0 | -5.5 | -6.1. | 2.0 | 4.0 | 5.1 | - -1.4 | ${ }_{1.4}^{2.6}$ | -. ${ }^{-1}$ | -4.3 | $\begin{array}{r}.7 \\ -1 \\ \hline\end{array}$ | $\stackrel{.}{9}$ | 1.7 | 1.5 | 1.3 | - 3 | 3.5 2.9 | 3.4 | 1.2 1.3 | -3.1 | 1.4 |
| Kentucky ................... | 1.8 | 1.3 | 5. 2 | 4.4 | -. 4 | 4.8 | 3.7 | -3.4 | 2.0 | -.9 | -4.81 | -2.3 | 3.6 | 1.9 | 1.2 | 2 | 1.2 | 2.1 | 1.4 | 1.2 | 2.8 | .7 |
| Louisiana............... | 2.8 | . 9 | 251.0 | -8 | 9.3 | 5.0 | -1.8 | -1.8 | 5.3 | 2.1 | 6.2 | 0 | 5.0 | 1.1 | 1.3 | -. 1 | -1.8 | 2.1 | 3.4 | . 8 | -1.5 | . 6 |
| Mississippi.............. | 1.3 | 3 | 12.7 | -2.5 | 20.8 | 7.3 | -2.8 | 1.6 | 1.5 | -1.0 | ${ }^{6.0}$ | -5.6 | 1.9 | -4 | 1.5 | . 4 | -1.0 | 1.9 | -. 1 | 1.5 | . 8 | 1.1 |
| North Carolina......... | 1.7 | 4 | 3.1 | -6.6 | 3.8 | 3.8 | 2.0 | 1 | -1.1 | -1.7 | 5.3 | -2.3 | 3.2 | 1.4 | 3.9 | 1.5 | -1.8 | 2.2 | 3.0 | 1.8 | 1.4 | . 7 |
| South Carolina......... | 1.8 | .$^{8}$ | . 5 | -1.4 | -2.4 | 3.9 | 0 | - -5 |  |  |  |  |  | 7 | 1.8 |  |  |  |  |  |  | 1.1 |
| Tennessee | 1.8 | 1.1 .9 | 3.4 1.9 | 1.7 -6 | 2.6 1.9 | 1.6 | ${ }^{2.2}$ | -1.2 1.0 | .5 6.4 | -. 2 | - -2.5 | .5 .4 | 2.5 -6.7 | ${ }^{.7}$ | $\begin{array}{r}\text {-3 } \\ -1 \\ \hline\end{array}$ |  | -4.0 1.2 | 2.8 2.7 | 4.9 1.4 | 2.1 1.3 | 1.7 | 1.3 |
| Virginia............... | 1.5 | 2 | 64.7 | 15.1 | 1.0 | 4.0 | 9.7 | -3.6 | 1.0 | . 4 | -2.3 | -4.5 | -6.0 | . 9 | 1.6 | $-1$ | $-5.3$ | 3.0 | 1.7 | 1.0 | -. 9 | 2 |
| Soultwest. | 2.5 | 1.0 | -9.1 | -7.0 | 5.0 | 2.9 | 3.0 | 1.1 | 5.4 | -. 8 | 3.6 | . 9 | 3.7 | -. 1 | 1.6 | 4 | -. 7 | 3.3 | 2.2 | 1.5 | 1.2 | 1.2 |
| Arizona.... | 1.4 | . 8 | 10.1 | -9.9 | 2.1 | 2.3 | . 8 | . 6 | 3.9 | -. 3 | -. 1 | 0 | 2.7 | -. 5 | 1.1 | 1.6 | 1.4 | 3.5 | -. 6 | 4 | 3.3 | 1.9 |
| New Mexico............ | 2.0 | 1.9 |  | 6.2 | 1.3 | 6.0 | 2.5 | -. 4 | 4.0 | , | . 3 | 1.0 | 3.8 | . 7 | 1.8 | 1.0 | -1.7 | 2.7 | . 7 | 2.6 | 3.6 | 2.1 |
| Okiahoma............... |  |  | -17.8 | -4.8 | 1.8 | 4.2 | 7.8 | 1.6 | -5.1 | -1.2 | 3.8 | . 8 | 10.1 | -6.7 | 2.2 |  | -1.0 | 2.6 |  | 2.3 | 1.8 | 1.1 |
| Texas................... | 2.9 | 1.0 | -12.7 | -9.3 | 5.7 | 2.6 | 3.1 | 1.3 | 7.3 | -. 8 | 4.2 | 1.0 | 3.3 | . 6 | 1.7 | 0 | -1.2 | 3.4 | 3.2 | 1.6 | . 4 | . 9 |
| Rocky Mountain........... | . 7 | 1.0 |  | 6.3 | 2.9 | -1.6 | 5.9 | -. 8 | -2.2 | -1.9 | -4.6 | -. 5 | -. 9 | 2.1 | 2.2 | 1.5 | . 6 | 2.3 | 1.1 | 2.4 | 1.6 | . 8 |
| Colorado................ | . 3 | 1.1 | -9.8 | -2.2 | 20.6 | -8.1 | 6.0 | $-4$ | -. 7 | -1.9 | -9.8 | . 4 | -3.6 | 3.0 | 1.6 | 2.0 | 1.6 | 2.0 | 1.7 | 2.6 | 4 | ${ }^{3}$ |
| daho................... | . 2 | 1.0 | 7.4 | 58.2 | -4.1. | 2.2 | 9.5 | 2.3 | -14.2 | -2.3 | 10.6 | -4.3 | 2.0 | -1 |  |  | -4.5 | ${ }_{31}^{2.6}$ |  | 2.7 | 4.7 | 1.6 |
| Montana................ | 1.5 | 1.5 5 | 1.0 | 48.0 <br> -.5 |  | -.4.6 | 10.9 2.4 | -3.8 | 2.5 | -1.6 | -7.0 | -3.0 | 3.6 | 1.0 | 4.7 | 7 | -4 | 2.7 | -. 8 | 2.0 | 2.8 | 1.6 |
| Wyoming................. | -. 5 | 1.6 | -4.8 | -1.1 | -15.1 | 4.8 | 3.9 | -. 7 | 7.6 | 1.1 | 2.0 | 2.1 | 7.0 | 2.1 | 1.5 | 1.6 | 2.7 | 3.5 | 2.5 | . 7 | . 9 | . 6 |
| Far West ........ | . 9 | 1.2 | -2.2 | 7.1 | -. 8 | 3.2 | 2.5 | . 2 | -4.4 | -. 8 | 1.7 | . 4 | 1.3 | 1.0 |  | 1.2 | 4.6 | 3.0 | 1.0 | 1.6 | 3.1 | 1.7 |
| Alaska........... | 1.8 | 1.1 | 2.1 | -2.6 | -1.8 | 5.9 | 12.4 | -. 5 | 4.3 | -9.4 | 2.2 |  | -9 | . 7 | 1.7 | 1.0 | -6.8 | 2.1 | 1.0 | 2.2 | 1.9 | 1.0 |
| Califorria......... | 1.1 | 1.4 | -4.7 | 8.0 | . 2 | ${ }^{2.7}$ | 2.8 | - 8 | -6.3 | $-6$ | 2.0 | . 6 | 1.9 | 1.4 | .7 | 1.3 | 6.0. | 3.0 | 1.8 | 1.6 | 3.8 | 1.8 |
| Hawaii . | 1.1 | . 9 | 5.0 | 4.3 | . 9 | 3.6 | 2.3 | -1.1 | 8.6 | 3.0 | 5.0 | -.3 | 1.5 | 1.3 | 2.4 | 1.2 | -1.81 | 2.6 | -. ${ }^{1}$ | 1.1 | 1.0 | ${ }^{2} 5$ |
| Nevada $\ldots$................ Oregon.............$~$ | 2.8 | 2.10 1.0 | 8.9 | 2.4 4.6 | -1.6 -3.3 -1 | 1.9 -.7 | 2.7 3.5 | -4.6 | 3.3 <br> 1.0 | 3.31 | 8.7 .5 | --. | 6.8 -.3 | $\begin{array}{r}1.9 \\ -1.2 \\ \hline\end{array}$ | 2.4 | $\begin{array}{r}2.1 \\ \hline\end{array}$ | -1.4 .6 | 2.7 | 2.2 | 1.1 | 2.8 | 1.2 |
| Washington............ | -1.5 | . 3 | 6.8 | 4.6 | -6.2 | 2.8 | -6 | -. 9 | 3.5 | -4.3 | -2.1 | -. 1 | -2.0 | -. 3 | -. 6 | . 5 | 3. | 3.0 | -6.1 | 1.6 | 8 | 1.6 |

Table D.-Contribution to Percent Change in Earnings, by State and Region, 2001:II

|  | Earnings by place of work (percent change) | Percentage points |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Earnings by industry |  |  |  |  |  |  |  |  |  |  |
|  |  | Farms | Mining | Construction | Durable-goods manutacturing | Nondurablegoods manufacturing | Transportation and public utilities | Wholesale trade | Retail trade | Finance, insurance, and real estate | Services | Government |
| United States ................. | 1.0 | -0.01 | 0.02 | 0 | -0.05 | -0.01 | 0 | 0.04 | 0.07 | 0.25 | 0.44 | 0.19 |
| New England.............. | 1.0 | 0 | 0 | . 05 | -. 19 | . 04 | -. 05 | . 03 | . 10 | . 35 | . 47 | . 13 |
| Connecticut $\qquad$ <br> Maine | . 8 | . 0 | 0 | .01 .09 | -.15 | $\begin{array}{r}.06 \\ -.04 \\ \hline\end{array}$ | -. 23 | -. 02 | .13 .09 | . 47 | .34 .40 | . 13 |
| Massachusetts .......... | 1.1 | 0 | 0 | . 08 | -. 20 | . 05 | . 01 | . 04 | . 09 | . 37 | 54 | .11 |
| New Hampstire........ | . 10 | . 01 | 0 | -. 09 | -.33 -10 | $\begin{array}{r}.05 \\ -08 \\ \hline\end{array}$ | 0 | .22 10 | $\begin{array}{r}.15 \\ -01 \\ \hline .01\end{array}$ | .17 | . 51 | . 19 |
| Rhode island ........... | 1.7 | . 03 | .01 | .03 | -. 13 | -.08 | ${ }^{.} 04$ | . 03 | -. 09 | . 13 | . 36 | .11 |
| Mideast.................... | 1.0 | 0 | . 01 | -. 02 | -. 02 | -. 02 | . 01 | . 02 | . 03 | . 35 | . 45 | . 19 |
| Delaware ...... | 1.5 | -. 03 | (1) | -. 08 | . 85 | . 30 | . 02 | -. 17 | . 07 | . 25 | . 10 | . 14 |
| District of Columbia | 1.4 |  | (1) | -.01 | 0 | . 03 | -. 01 | . 01 | . 01 | . 18 | . 85 | . 24 |
| Maryland............... | 9 | -. 01 | 0 | $-.03$ | . 05 | -. 02 | . 04 | . 06 | -. 02 | . 22 | .44 | . 13 |
| New Jersey............. | 1.8 | 0 | . 01 | -.04 | $-$ | -. 03 | . 01 | . 02 | . 04 | . 52 | . 46 | . 21 |
| Pennsylvania ........... | . | . 02 | . 02 | -. 03 | -. 13 | -. 06 | -. 03 | . 06 | . 04 | . 21 | . 40 | . 17 |
| Great Lakes .............. | . 7 | -. 02 | 0 | -. 04 | . 01 | . 02 | -. 06 | 0 | . 04 | . 19 | . 33 | . 21 |
| Illinois $\qquad$ Indiana $\qquad$ | 8 | -.03 -.05 | . 01 | .04 -.11 | . 02 | - 0.01 | -.02 | -.03 -.01 | . 05 | . 25 | .31 <br> .40 | . 18 |
| Michigan .................. | 7 |  | 0 | -. 01 | -. 05 | . 02 | -. 01 | . 02 | 0 | . 16 | . 30 | . 29 |
| Ohio..................... | 8 | 0 | 01 | -. 07 | . 23 | . 02 | -. 14 | . 02 | . 06 | . 17 |  | . 13 |
| Wisconsin .............. | . 3 | -. 02 | -. 01 | -. 15 | -. 41 | -. 02 | . 07 | 0 | . 03 | . 19 | . 35 | . 29 |
| Plains...................... | 8 | -. 09 | 0 | . 06 | . 01 | -. 07 | . 03 | . 04 | . 05 | . 23 | . 31 | . 17 |
| Iowa ...................... | . 2 | -. 05 | 0 | . 01 | -. 30 | . 09 | . 03 | . 04 | -. 01 | . 20 | . 13 | . 08 |
| Kansas................... | 1.3 | -. 23 | . 05 | .26 | . 06 | 0 | . 16 | . 04 | . 14 | . 19 | 36 | . 21 |
| Minnesota .............. | 9 | -. 04 | -. 01 | . 12 | -. 15 | -. 14 | 0 | . 09 | . 07 | . 23 | . 41 | . 19 |
| Missouri................ | . 5 | -. 26 | -. 01 | -.02 | .36 -05 | -. 14 | -.02 | -02 | . 01 | .23 | . 21 | . 13 |
| Neorth Dakota .............. | . 1 | -. 38 | -. 01 | -. 09 | -. 0 | -.06 | . 04 | -.04 | . 03 | .12 | . 26 | . 09 |
| South Dakota............ | 7 | -.30 | . 08 | . 02 | -. 13 | . 01 | . 07 | -. 04 | . 13 | .34 | . 34 | . 21 |
| Southeast................. | . 9 | -. 04 | . 03 | -. 04 | . 01 | -. 05 | -. 03 | . 08 | . 09 | . 20 | . 46 | . 18 |
| Alabama ................. | . 2 | -. 12 | . 03 | -. 09 | -. 07 | -. 04 | -. 04 | -. 04 | . 02 | . 13 |  | . 14 |
| Arkansas ................. | . 5 | $-.06$ | . 03 | -. 01 | -. 17 | . 15 | . 06 | . 07 | -. 08 | . 12 | . 21 | . 17 |
| Florida .................. | 1.6 | -. 07 | (1) | 0 | . 05 | -. 01 | . 04 | . 12 | . 14 | . 32 | . 76 | . 22 |
| Georgia................. | 1.0 | -. 02 | . 01 | -. 09 | . 25 | -. 27 | -. 01 | . 15 | . 12 | .22 | .36 | . 30 |
| Kentucky ............... | 3 | . 11 | . 08 | -. 21 | -. 06 | -. 12 | -. 18 | . 11 | . 02 | .11 | . 28 | . 12 |
| Louisiana............... | 9 | ${ }_{-}^{0}$ | . 24 | -. 13 | . 12 | . 15 | 0 | . 06 | -. 01 | . 11 | . 21 | . 11 |
| Mississippi............ | . 3 | -. 04 | . 06 | . 09 | -. 17 | -. 01 | -. 39 | -. 02 | . 04 | . 09 | . 35 | . 24 |
| North Carolina......... South Carolina....... | .$^{.8}$ | -. 14 | . 01 | - 0 | -. 0.06 | -. 08 | -. -14 | . 08 | . 14 | . 16 | . 27 | . 21 |
| Tennessee................. | 1.1 | -. 0 | 0 | -.07 | -. 03 | ${ }^{0}$ | -. 04 | . 05 | . 11 | .19 | . 59 | . 17 |
| Virginia .................. | . 9 | 0 | . 02 | . 07 | -. 04 | . 03 | . 03 | . 04 | . 08 | . 19 | . 43 | . 08 |
| West Virginia ........... | . 2 | . 02 | . 23 | -. 22 | -. 14 | . 20 | -. 35 | . 04 | -. 01 | . 12 | . 27 | . 05 |
| Southwest................. | 1.0 | -. 05 | . 12 | . 07 | -. 08 | -. 02 | . 08 | -. 01 | . 04 | . 25 | . 42 | . 18 |
| Arizona ................. | . 8 | -. 08 | . 01 | . 04 | -. 06 | . 02 | 0 | -. 03 | 17 | . 33 | 11 | . 29 |
| New Mexico............. | 1.9 | -.12 | .19 | -. 03 | $\begin{array}{r}\text {. } \\ \hline\end{array}$ | -. 04 | . 06 | 0 | . 11 | . 13 | . 72 | . 55 |
| Oklahoma ................ | . 8 | -. -06 | . 23 | . 08 | -.28 | . 10 | . 06 | -. 36 | . 09 | . 13 | . 54 | . 22 |
| Rocky Mountain.......... | 1.0 | . 07 | -. 03 | -. 06 | -. 21 | 0 | -. 04 | . 12 | . 14 | . 18 | . 70 | . 12 |
| Colorado................ | 1.1 | -. 01 | -. 13 | -. 04 | -. 24 | . 05 | . 04 | . 18 |  | . 19 |  |  |
| Idaho......................... | 1.0 | . 24 | -02 | . 20 | -.31 | -. 07 | -. 30 | -.18 | . 15 | . 13 | . 63 | . 29 |
| Montana ................. | $\begin{array}{r}1.5 \\ \hline\end{array}$ | . 69 | -. 04 | -. 29 | - ${ }^{1}$ | -.13 -.05 | .12 -.23 | -. 010 | . 07 | . 18 | . 58 | $\begin{array}{r}-.03 \\ \hline 30\end{array}$ |
| Wyoming................... | 1.6 | -. 01 | . 68 | -. 06 | -. 01 | -. 07 | . 18 | . 08 | . 15 | .17 | . 15 | . 15 |
| Far West ................... | 1.2 | . 07 | . 01 | . 01 | -. 15 | . 04 | . 02 | . 06 | . 11 | . 25 | . 52 | . 26 |
| Alaska.................... | 1.1 | 0 | 41 | -. 04 | -. 21 | -. 15 | . 01 | . 02 | . 09 |  |  |  |
| California ................ | 1.4 | . 08 | . 01 | . 05 | -. 15 | . 06 | . 04 | . 08 | 11 | . 27 | . 54 | . 26 |
| Hawaii................... | . 9 | . 04 | 0 | -. 07 | . 11 | .09 -09 | -.03 | . 05 | . 13 | . 20 | . 32 | . 17 |
| Nevada .................. | 2.0 1.0 | . 05 | . 0 | -. 33 | . 55 | -..09 | -.05 | -.08 | . 08 | . 17 | . 30 | . 19 |
| Washington............. | . 3 | . 05 | 0 | -.06 | -.67 | . 02 | 0 | -. 02 | . 05 | . 20 | .46 | . 27 |

1. Data are suppressed to avoid disclosure of confidential information.

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

| Area name | 1997 |  | 1998 |  |  |  | 1999 |  |  |  | 2000 |  |  |  | 2001 |  | $\begin{array}{\|l} \begin{array}{l} \text { Percent } \\ \text { change } \end{array} \\ \hline \begin{array}{c} 2001: 1- \\ 2001: 11 \end{array} \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | III | N | \|r | I' | III' | IVr | 1 | II' | If ${ }^{\text {r }}$ | IV' | I | If | Ifl | IVr | Ir | \\|p |  |
| United States | 6,970,231 | 7,089,802 | 7,247,217 | 7,375,568 | 7,483,561 | 7,568,669 | 7,623,542 | 7,711,739 | 7,811,071 | 7,932,240 | 8,097,740 | 8,264,219 | 8,374,722 | 8,512,567 | 8,632,966 | 8,705,009 | 0.8 |
| New England | 409,760 | 417,856 | 425,381 | 434,503 | 441,766 | 447,460 | 448,905 | 455,499 | 464,988 | 472,092 | 487,310 | 494,517 | 502,804 | 512,981 | 523,084 | 527,487 | 0.8 |
| Connecticut Maine | 116,723 27 | $\begin{array}{r}119,083 \\ 28,280 \\ \hline\end{array}$ | 122,269 28,659 1 | $\begin{array}{r}124,027 \\ 29,294 \\ \hline\end{array}$ | 125,931 29,787 | $\begin{array}{r}127,658 \\ 30.079 \\ \hline 10.08\end{array}$ | 127,443 29,946 | $\begin{array}{r}129,131 \\ 30,527 \\ \hline\end{array}$ | $\begin{array}{r}131,424 \\ 31,388 \\ \hline\end{array}$ | $\begin{array}{r}132,786 \\ 31,041 \\ \hline\end{array}$ | 135,970 31,753 | $\begin{array}{r}138,448 \\ 32 \\ \\ \\ \\ \\ \hline\end{array}$ | $\begin{array}{r}140,111 \\ 32,534 \\ \hline\end{array}$ | 142,690 32,996 | 146,216 34,070 | 147,235 34,276 | 0.7 0.6 |
| Maine . | 27,768 192,496 | 28,280 196,179 | 28,659 198,961 | 204,203 | 29,787 207,472 | 30,079 20,087 | 29,946 211,639 | 30,527 214,799 | 31,388 219,571 | 31,041 224,609 | 31,753 233,514 | 32,364 236,408 | 32,534 241,958 | 32,996 247,074 | 34,070 250,708 | 34,276 253,65 | 0.6 1.0 |
| New Hampshire | 32,707 | 33,367 | - 34,015 | - 34.883 | -35,789 | - 36,372 | - 36,419 | - 37,103 | - 37,861 | - 38,571 | - 40,073 | 236,408 40,504 | + 41 1,007 | 242,165 | - 42, | - 43,251 | 0.8 |
| Rhode Istand .... | 26,308 | 26,840 | 27,056 | 27,446 | 27,905 | 28,273 | 28,378 | 28,607 | 29,164 | 29,381 | 30,009 | 30,360 | 30,802 | 31.227 | 31,912 | 32,190 | 0.9 |
| Vermont ....... | 13,757 | 14,106 | 14,421 | 14,650 | 14,882 | 14,991 | 15,080 | 15,332 | 15,579 | 15,703 | 15,991 | 16,433 | 16,390 | 16,828 | 17,252 | 17,369 | 0.7 |
| Mideast | 1,321,218 | 1,345,607 | 1,372,131 | 1,395,665 | 1,411,817 | 1,420,120 | 1,439,506 | 1,446,396 | 1,467,645 | 1,477,726 | 1,512,578 | 1,545,487 | 1,564,588 | 1,602,664 | 1,624,312 | 1,638,221 | 0.9 |
| Delaware | 20,361 | 20,685 | 21,388 | 21,862 | 21,978 | 22,203 | 22,634 | 22,701 | 23,078 | 23,436 | 23,645 | 24,225 | 24,616 | 25,278 | 25,220 | 25,483 | 1.0 |
| District of Columbia | 19,220 | 19,318 | 19,559 | 19,950 | 20,302 | 20,366 | 20,222 | 20,415 | 20,595 | 20,905 | 21,382 | 21,762 | 21,938 | 22,594 | 22,631 | 22,833 | 0.9 |
| Maryland | 149,175 | 152,085 | 154,317 | 157,717 | 160,062 | 161,870 | 164,121 | 165,910 | 168,610 | 170,140 | 174,030 | 176,626 | 179,562 | 183,807 | 187,132 | 188,705 | 0.8 |
| New Jersey. | 261,805 | 266,702 | 272,154 | 276.816 | 281,611 | 282,963 | 285,607 | 286,636 | 289,488 | 295,482 | 301,864 | 311,145 | 314,788 | 323,766 | 322,635 | 324,898 | 0.7 |
| New York ... | 556,184 | 566,942 | 580,380 | 589,947 | 595,153 | 596,210 | 609,410 | 609,233 | 620,834 | 619,025 | 637,015 | 650,883 | 658,647 | 675,787 | 688,457 | 695,753 | 1.1 |
| Pennsylvania | 314,473 | 319,875 | 324,332 | 329,372 | 332,711 | 336,509 | 337,512 | 341,501 | 345,039 | 348.738 | 354,643 | 360,846 | 365,038 | 371,431 | 378,237 | 380,549 | 0.6 |
| Great Lakes | 1,145,231 | 1,162,737 | 1,184,049 | 1,201,077 | 1,214,093 | 1,229,275 | 1,232,392 | 1,245,171 | 1,257,035 | 1,273,062 | 1,291,760 | 1,312,127 | 1,325,189 | 1,340,167 | 1,356,644 | 1,365,359 | 0.6 |
| Illinois | 342,998 | 349.004 | 353,978 | 360,198 | 365,246 | 368,527 | 368,955 | 372,509 | 374,815 | 380,485 | 387,040 | 393,233 | 399,127 | 405,556 | 411,316 | 414,130 | 0.7 |
| Indiana | 139,883 | 142,616 | 146,406 | 148,642 | 150,501 | 152,261 | 153,025 | 154,155 | 155,804 | 158,304 | 160,369 | 163,277 | 165,178 | 165,374 | 168,359 | 169,359 | 0.6 |
| Michigan | 252,113 | 254,304 | 261,041 | 263,803 | 264,408 | 269,327 | 271,361 | 274,640 | 277,903 | 279,951 | 285,035 | 288,883 | 290,572 | 293,068 | 295,204 | 297,261 | 0.7 |
| Ohio | 280,665 | 284,936 | 287,944 | 291,379 | 294,709 | 298,829 | 298,429 | 301,580 | 304,158 | 308,293 | 312,096 | 316,416 | 318,662 | 321,892 | 325,082 | 327,289 | 0.7 |
| Wisconsin | 129,572 | 131,877 | 134,681 | 137,055 | 139,229 | 140,332 | 140,621 | 142,287 | 144,354 | 146,031 | 147,220 | 150,318 | 151,651 | 154,277 | 156,683 | 157,319 | 0.4 |
| Plains | 465,065 | 472,462 | 482,442 | 490,979 | 498,029 | 503,395 | 502,245 | 507,434 | 514,950 | 524,215 | 528,989 | 542,586 | 549,461 | 554,867 | 562,544 | 566,191 | 0.6 |
| lowa | 68,079 | 69,432 | 69,549 | 70,695 | 71,882 | 72,682 | 71,488 | 71,696 | 73,410 | 74,388 | 75,323 | 77,340 | 78,047 | 78,423 | 79,509 | 79,698 | 0.2 |
| Kansas | 64,156 | 65,128 | 66,482 | 67,655 | 68,554 | 69,079 | 69,183 | 69,604 | 70,770 | 72,374 | 71,638 | 73,560 | 75,204 | 74,915 | 76.417 | 77,084 | 0.9 |
| Minnesota | 130,220 | 132,539 | 136.354 | 139,277 | 141,041 | 143,213 | 143,336 | 145,689 | 147,494 | 150.219 | 152.130 | 156,606 | 158,854 | 162,129 | 164,031 | 165,333 | 0.8 |
| Missouri | 131,705 | 133,793 | 136,230 | 138,272 | 140,235 | 141.144 | 141,656 | 142,617 | 143,934 | 146,086 | 148,641 | 151,938 | 153,613 | 155,555 | 157,755 | 158,909 | 0.7 |
| Nebraska | 40,949 | 41,368 | 42,217 | 43,068 | 43,878 | 44,197 | 44,328 | 44,952 | 45,655 | 46,966 | 46,517 | 47,339 | 47,903 | 47,931 | 48,244 | 48,446 | 0.4 |
| North Dakota | 13,480 | 13,645 | 14,474 | 14,644 | 14,881 | 15,086 | 14,496 | 14,687 | 15,072 | 15,261 | 15,546 | 16,075 | 16,069 | 15,971 | 16,611 | 16,636 | 0.2 |
| South Dakota | 16.477 | 16,557 | 17,137 | 17,368 | 17,558 | 17,994 | 17,760 | 18.189 | 18,614 | 18,921 | 19,194 | 19,727 | 19,771 | 19,943 | 19,976 | 20,085 | 0.5 |
| Southeast | 1,539,513 | 1,566,483 | 1,599,718 | 1,630,270 | 1,655,356 | 1,672,978 | 1,682,412 | 1,700,411 | 1,715,078 | 1,740,374 | 1,774,540 | 1,812,55t | 1,831,608 | 1,862,368 | 1,891,180 | 1,906,814 | 0.8 |
| Alabama | 91,530 | 92,797 | 94,911 | 96,075 | 97,225 | 98,134 | 98,957 | 100,330 | 101,297 | 102,122 | -02,614 | 104,586 | 104,671 | 106,399 | 108,042 | 108,464 | 0.4 |
| Arkansas | 51,198 | 52,200 | 52,886 | 53,566 | 54,117 | 54,648 | 55,381 | 56.077 | 55,613 | 57,111 | 58,006 | 58,635 | 59,613 | 59,124 | 61,089 | 61,420 | 0.5 |
| Florida | 380,367 | 385,845 | 395,416 | 403,233 | 408,668 | 411.447 | 412,838 | 416.775 | 420,218 | 423,840 | 434,332 | 444,037 | 450,034 | 459,645 | 465,159 | 470,691 | 1.2 |
| Georgia .. | 184,804 | 188,452 | 193,969 | 198,078 | 202,737 | 205,938 | 208,698 | 211,635 | 214,381 | 218,305 | 222,998 | 227,472 | 229,956 | 234,344 | 237,212 | 239,561 | 1.0 |
| Kentucky | 83,251 | 84,530 | 86,273 | 87,860 | 88,970 | 89,575 | 89,711 | 90,611 | 91,726 | 93,043 | 95,335 | 96,771 | 98,117 | 99,556 | 101,367 | 101,872 | 0.5 |
| Louisiana | 92,586 | 94,407 | 95,883 | 97,319 | 98,231 | 98,692 | 98,181 | 99,218 | 99,673 | 100799 | 101,678 | 103,199 | 103,535 | 104,035 | 106,298 | 106,883 | 0.5 |
| Mississippi | 51,731 | 52,721 | 54,061 | 54,748 | 55,590 | 56.113 | 56,056 | 56.574 | 57,500 | 57,990 | 58,357 | 59,489 | 59,766 | 60,256 | 61,216 | 61,523 | 0.5 |
| North Carolina | 180,399 | 184,249 | 187,533 | 191,117 | 194,415 | 197,262 | 198,409 | 200.768 | 199,989 | 205,773 | 210,878 | 216,158 | 218.512 | 222,497 | 226,315 | 227.472 | 0.5 |
| South Carolina | 81,403 | 82,839 | 84,235 | 85,898 | 87,709 | 88,998 | 89,187 | 90.529 | 91,698 | 92.828 | 94,047 | 96.332 | 96,910 | 98,355 | 100,191 | 101,054 | 0.9 |
| Tennessee | 125,831 | 128,578 | 131,034 | 133,934 | 135,362 | 136.791 | 136,751 | 138,804 | 140,354 | 141.828 | 144,517 | 147,045 | 148,763 | 150,682 | 153,393 | 154,843 | 0.9 |
| Virginia | 181,143 | 184,222 | 187,245 | 191,829 | 195,305 | 198,256 | 201,141 | 201745 | 204,911 | 208,683 | 213,290 | 219,484 | 222,274 | 227,285 | 230,119 | 232,111 | 0.9 |
| West Virginia | 35,270 | 35,643 | 36,272 | 36,615 | 37,028 | 37,124 | 37,100 | 37,347 | 37,718 | 38,052 | 38,488 | 39,343 | 39,456 | 40,190 | 40,777 | 40,919 | 0.3 |
| Southwest . | 683,767 | 696,383 | 718,501 | 730,916 | 744,151 | 752,742 | 757,062 | 769,129 | 778,344 | 791,391 | 811,128 | 826,550 | 837,121 | 850,780 | 869,412 | 876,483 | 0.8 |
| Arizona | 104,489 | 106,706 | 109,543 | 111,786 | 114,249 | 116,061 | 116,059 | 118,853 | 120,611 | 121891 | 126,892 | 127,750 | 129,875 | 132.013 | 133,908 | 135,011 | 0.8 |
| New Mexico | 35,030 | 35,443 | 36,385 | 36,659 | 37,021 | 37,402 | 37,202 | 37,767 | 38,072 | 38,521 | 38,864 | 39,993 | 40,197 | 40,837 | 41,644 | 42,260 | 1.5 |
| Oklahoma | 70,060 | 71,539 | 73,590 | 74,445 | 75,210 | 75,604 | 76,137 | 77,061 | 77,703 | 78,660 | 79,413 | 81,040 | 82,152 | 83,611 | 84,453 | 85,095 | 0.8 |
| Texas ...... | 474,188 | 482,695 | 498,983 | 508,026 | 517,671 | 523,675 | 527,665 | 535,447 | 541,959 | 552,319 | 565,959 | 577,766 | 584,898 | 594,320 | 609,407 | 614,117 | 0.8 |
| Rocky Mountain | 209,131 | 212,288 | 217,851 | 221,365 | 225,220 | 228,969 | 230,812 | 235,410 | 239,016 | 244,641 | 247,946 | 256,296 | 260,656 | 265,322 | 267,596 | 269,979 | 0.9 |
| Colorado | 110,085 | 112,149 | 115,360 | 117,050 | 119,348 | 121,868 | 123,287 | 126,405 | 128,356 | 132,502 | 133,717 | 139,522 | 142,828 | 145,344 | 146,076 | 147,484 | 1.0 |
| Idaho | 25,435 | 25,719 | 26,524 | 26,864 | 27,280 | 27,649 | 27,940 | 28,290 | 28,755 | 29,304 | 29,880 | 30,684 | 30,968 | 31,504 | 31,747 | 32,039 | 0.9 |
| Montana | 17,864 | 18,148 | 18,539 | 18,952 | 19,101 | 19,251 | 19,095 | 19,240 | 19,271 | 19,652 | 19,865 | 20,312 | 20,599 | 20,802 | 21,094 | 21,305 | 1.0 |
| Utah | 44,196 | 44,627 | 45,579 | 46,473 | 47,227 | 47,845 | 48,012 | 48,847 | 49,705 | 50,121 | 51,222 | 52,306 | 52,674 | 53,693 | 54,670 | 54.985 | 0.6 |
| Wyoming ... | 11,551 | 11,645 | 11,848 | 12,027 | 12,264 | 12,357 | 12,478 | 12,627 | 12,929 | 13,062 | 13,262 | 13,472 | 13,587 | 13,980 | 14,010 | 14,166 | 1.1 |
| Far West | 1,196,545 | 1,215,986 | 1,247,144 | 1,270,793 | 1,293,129 | 1,313,730 | 1,330,209 | 1,352,290 | 1,374,016 | 1,408,738 | 1,443,489 | 1,474,105 | 1,503,295 | 1,523,417 | 1,538,194 | 1,554,475 | 1.1 |
| Alaska | 16,586 | 16,692 | 16,958 | 17,056 | 17,156 | 17,365 | 17,274 | 17,375 | 17,484 | 17,796 | 18,215 | 18,499 | 18,792 | 18,942 | 19,260 | 19,423 | 0.8 |
| California | 868.638 | 882,661 | 906,145 | 923,557 | 939,959 | 956,848 | 969,469 | 988,530 | 1,001,683 | 1,029,490 | 1,058,595 | 1,084,057 | 1,111,223 | 1,125,205 | 1,137,376 | 1,150,660 | 1.2 |
| Hawaii | 31,382 | 31,313 | 31,680 | 31,746 | 31,886 | 32,103 | 31,979 | 32,210 | 32,818 | 32,792 | 33,068 | 33,708 | 33,854 | 34,473 | 34,837 | 35,106 | 0.8 |
| Nevada | 47,624 | 48,746 | 50,184 | 51,423 | 52,665 | 53.855 | 54,565 | 55,274 | 55,954 | 57,031 | 58.035 | 59,631 | 60,006 | 60,886 | 62,286 | 63,249 | 1.5 |
| Oregon | 81,215 | 82,437 | 83,725 | 84,779 | 85,670 | 86,873 | 87,070 | 88,369 | 89,608 | 91,186 | 92,945 | 94,638 | 95,800 | 96,614 | 98,194 | 98,986 | 0.8 |
| Washington ........... | 151,100 | 154,137 | 158,453 | 162,232 | 165,793 | 166,687 | 169,852 | 170,533 | 176,468 | 180,444 | 182,632 | 183,572 | 183,620 | 187,297 | 186,240 | 187,050 | 0.4 |

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

1. Percent change was caiculated 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. private U.S. firms.

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

| Line | Item | United States |  |  |  |  |  |  | New England |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1999 | 2000 |  |  |  | 2001 |  | 1999 | 2000 |  |  |  | 2001 |  |
|  |  | IV. | $1 '$ | I' | IIIr | IV. | 1 | 11.8 | IV | 1 | I' | III | IV. | 1 | 119 |
|  | Income by place of residence | $\left\|\begin{array}{\|} 7,932,240 \\ 7,885,698 \\ 46,542 \end{array}\right\|$ | $\left.\begin{array}{\|} 8,097,740 \\ 8,050,772 \\ 46,969 \end{array} \right\rvert\,$ | $\left.\begin{array}{\|} 8,264,219 \\ 8,212,162 \\ 52,057 \end{array} \right\rvert\,$ | $\left.\begin{array}{\|} 8,374,722 \\ 8,32,859 \\ 50,863 \end{array} \right\rvert\,$ | $\left\|\begin{array}{c} 8,512,567 \\ 8,462,631 \\ 49,936 \end{array}\right\|$ | $\left\|\begin{array}{\|c} 8,632,966 \\ 8,584,537 \end{array}\right\|$ | $\left\|\begin{array}{c} 8,705,009 \\ 8,657,071 \\ 47,937 \end{array}\right\|$ | $\begin{aligned} & 472,092 \\ & 471,496 \\ & 596 \end{aligned}$ | $\begin{aligned} & 47,310 \\ & 486,637 \end{aligned}$ | $\begin{aligned} & 494,517 \\ & 493,769 \end{aligned}$ | $\begin{aligned} & 502,804 \\ & 502,098 \end{aligned}$ | $\begin{aligned} & 512,981 \\ & 512,173 \end{aligned}$ | $\begin{aligned} & 523,084 \\ & 522,281 \end{aligned}$ | $\begin{array}{r} 527,487 \\ 526,674 \\ 812 \end{array}$ |
|  | Personal income (lines 4-11) $\qquad$ <br> Nonfarm personal income $\qquad$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Farm income (line 17) |  |  |  |  |  | 48,429 |  |  |  |  |  |  |  |  |
|  | Derivation of personal income |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1011 | Earnings by place of work (lines 12-16 or 17-34) | 5,792,734 | 5,918,233 | 6,039,877 | 6,125,955 | 6,235,480 | 6,325,952 | 6,387,041 | $343,127$ | 355,571 | 359,63320,897 | 366,59821,217 | 374,57421,569 | 383,311 | $\begin{array}{r} 386.975 \\ 22,334 \\ 8,549 \end{array}$ |
|  | Less: Personal contributions for social insurance ${ }^{2}$....... | 343,416 | 350,800 | 355,308 | 358,888 | 363,588 | 371,496 | 373,429 |  | 20,830 |  |  |  |  |  |
|  | Plus: Adjustment for residence ${ }^{3}$............ | 5,448,252 | 5,566.408 | $5.683,523$ <br> 1,513 | $\left\|\begin{array}{l} 5,765,994 \\ 1,532,332 \end{array}\right\|$ | 5-870,795 | 5,953,249 |  | 330,16884,299 | $\begin{array}{r} 7,508 \\ 342,250 \\ 86,414 \end{array}$ | 74,786 <br> 346.52 <br> 88.78 | 353,28289,115 | 361,32290,453 | 22,230 |  |
|  | Clus: Dividends, interest, and rent ${ }^{4}$....... |  |  |  |  |  |  |  |  |  |  |  |  | 369.562 90.575 | $\begin{array}{r}373,190 \\ 90.463 \\ 63,834 \\ \hline 1577\end{array}$ |
|  | Plus: Transter payments | 1,028,664 198 | 1,0466,064 | 1,067,140 | 1,076,396 19,728 | $1,091,34$21,684 | - $\begin{aligned} & 1,1,152,473 \\ & 22,283\end{aligned}$ | 1,141,799 | 57,625 | 58,646 | 59,818 | 60,407 | 61,205 | 62,947 |  |
|  | State unemployment insurance benefi |  |  |  |  |  |  | 22,722 | 1,471 | 1,430 | 1,369 | 1,385 | 1,444 | 1,492 | 63,834 1,577 |
|  | Transfers excluding State unemployment insurance benefits | 1,008,836 | 1,026,808 | 1,048,056 | 1,056,668 | 1,069,640 | 1,103,190 | 1.119,077 | 56,154 | 57,216 | 58.448 | 59,022 | 59,761 | 61.455 | 62,257 |
|  | Earnings by place of work |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Components of earnings: <br> Wage and salary disbursements | 4,588,192 | 4,698.764 | 4,794,804 | 4,872,332 | 4,969,976 | 5,046, 151 | 5,094,163 | 276,341 | 287,344 | 290,38629995 | 296,72630,5003 |  |  | $\begin{array}{r}313,772 \\ 31783 \\ \hline 1\end{array}$ |
| 13 | Other labor income .................. | 4,512,144 | 4,519,220 |  |  | 4,540,248 | 544,522 | 5,547,457 |  |  |  |  | 303,725 30,943 | 310,978 31,636 |  |
| 14 | Proprietors' income ${ }^{\text {S }}$ '. | 692,398 | 700, 249 | 719,489 | 720,339 | 725, 276 | 735,279 | 745,421 | - 37,619 | - 23,348 | 39,253 | $\begin{aligned} & 39,972 \\ & \hline 280 \end{aligned}$ | $\begin{array}{r} 39,906 \\ 375 \end{array}$ | 40,698363 | 41,420360 |
| 15 | Farm proprietors' income | 663,512 | 671,048 | $\begin{array}{r} 34,053 \\ 685,436 \end{array}$ |  | $\begin{array}{r} 31,796 \\ 693,460 \end{array}$ | $\begin{array}{r} 29,909 \\ 705,370 \end{array}$ | $\begin{array}{r} 28,779 \\ 716,642 \end{array}$ | $\begin{array}{r} 224 \\ 37,995 \end{array}$ | $\begin{array}{r} 276 \\ 38,072 \end{array}$ |  |  |  |  |  |
| 16 | Nonfarm proprietors' income ........................ |  |  |  | $\begin{array}{r} 32,727 \\ 687,612 \end{array}$ |  |  |  |  |  | $\begin{array}{r} 336 \\ 38,917 \end{array}$ | 39,093 | 39,531 | 40,335 | 41,060 |
|  | Earnings by industry |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 | Farm earnings | $\left\|\begin{array}{r} 46,542 \\ 5,746,92 \\ , \end{array}\right\|$ | 46,9695$4,870,264$4 | 5, 52,057 | $\left\lvert\, \begin{array}{r} 50,863 \\ 6,075,092 \end{array}\right.$ | -4, 6 , 9,936 | 48,4296,27523$5,309,134$ | 6,379,103 | 342,532 | 672354,899 | 749358,885 | 706365,892 | 373,767 | $\begin{array}{r} 803 \\ 382,508 \end{array}$ | 812386,162 |
| 18 | Nonfarm earrings. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 | Private earnings | 5, $\begin{aligned} & \text { 4,866, } \\ & 4,948\end{aligned}$ |  |  | 5,124,856 | 5,231,028 |  | 5,358,461 | 299,186 | 310,610 | 313,784 | 321,127 | 329,135 | 335,475 | 338,625 |
| 20 | Agricultural services, forestry, fishing, and other ${ }^{6}$ | 40,400 | 40.912 | 40,404 | 40,680 | 41,016 | 41,721 | 43,119 | 2,085 | 2,118 | 2,084 | 2,100 | 2,153 | 2,183 | 2,264 |
| 21 | Mining .................................................. | 47,036 | 49.992 | 51,680 | 52,076 | 52,624 | 54,425 | 55,921 | 349 | 361 | 374 | 368 | 372 | 386 | 400 |
| 22 | Construction | 344,948 | 357,644 | 360,852 | 363,652 | 371,584 | 383,042 | 382,844 | 18,695 | 19,636 | 19,917 | 20,218 | 20,928 | 21,929 | 22,122 |
| 23 | Manufacturing | 921,304 | 935.520 | 950,132 | 967,656 | 982,920 | 983,123 | 979,216 | 56,747 | 58.733 | 59,867 | 61,162 | 62,395 | 63,012 | 62,444 |
| 24 | Durable goods | 576,768 | 587,204 | 597,748 | 611,304 | 623,240 | 621.919 | 618,446 | 38,683 | 40,264 | 40,971 | 42,039 | 43.007 | 43,797 | 43,078 |
| 25 | Nondurable goods | 344,536 | 348,316 | 352,384 | 356,352 | 359,680 | 361,204 | 360,770 | 18,064 | 18,469 | 18,896 | 19,122 | 19,388 | 19,215 | 19,366 |
| ${ }^{26}$ | Transportation and public utilities | 396,804 | 402,900 | 410.540 | 415,904 | 426,612 | 432,518 | 432,230 | ${ }^{16,371}$ | 17.501 | 17,667 | 17,709 | 18,212 | 19,186 | 18,983 |
| 27 | Wholesale trade | 362,028 | 367,244 | 373,772 | 380,132 | 387,836 | 391,397 | 393.854 | 22,209 | 22,264 | 22,597 | 23,102 | 23,543 | 22,986 | 23,116 |
| ${ }^{28}$ | Retail trade ..... | 508,828 | 519,020 | 524,876 | 532,684 | 541,060 | 548,923 | 553,221 | 29,725 | 31.496 | 31,685 | 31.654 | 31.902 | 32.510 | 32.891 |
| 29 | Finance, insurance, and real estate | 544,352 | 555,096 | 571,780 | 578,980 | 588,440 | 598,884 | 614,914 | 41,512 | 44,192 | 41,680 | 43,250 | 44,982 | 47,279 | 48.613 |
| 30 | Servicss | 1,672,248 | 1,712,428 | 1,758,868 | 1,793,092 | 1.838,936 | 1,875,102 | 1,903,145 | 111,492 | 114,309 | 117,913 | 121,565 | 124,649 | 126,002 | 127,792 |
| 31 | Government and government enterprises | 908,244 | 930,508 | 944,916 | 950,236 | 954,516 | 968,389 | 980,642 | 43,346 | 44,289 | 45,100 | 44,765 | 44,631 | 47,034 | 47,538 |
| 32 | Federal, civilian | 179,076 | 187.160 | 194,384 | 189,820 | 188,492 | 192,286 | 193,845 | 7,349 | 77.79 | 8,062 | 7.660 | 7,627 | 7.863 | 7,951 |
| 33 <br> 34 | Military ........ | 71,600 | 74,376 | 74,068 | 75,944 | 75,680 | 77,863 | 77.667 | 1,787 | 1.859 | 1.838 | 1.869 | 1,850 | 1,919 | 1.922 |
| 34 | State and local .... | 657,568 | 668,972 | 676,464 | 684,472 | 690,344 | 698,240 | 709,130 | 34,210 | 34,711 | 35,200 | 35,235 | 35,155 | 37,251 | 37,665 |
|  |  |  |  |  | Now Hampshi |  |  |  |  |  |  | hode Island |  |  |  |
| Line | Item | 1999 |  |  | 00 |  |  | 201 | 1999 |  | 200 |  |  |  |  |
|  |  | iv. | $1 /$ | \#' | III' | IV | $1{ }^{\prime}$ | 11. | N ${ }^{\text {r }}$ | $1{ }^{\prime}$ | 11. | 111 r | V. | $1 /$ | 110 |
|  | Income ty place of residence |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Personal income (lines 4-11) | 38,571 | 40,073 | 40.504 | 41,007 | 42,165 | 42.926 | 43,251 | 29,381 | 30,009 | 30,360 | 30,802 | 31,227 | 31,912 | 32,190 |
| 2 3 | Nonfarm personal income $\qquad$ Farm income (line 17) | 38,530 | 40,038 35 | 40,466 38 | 40,970 37 | 42,121 | 42,884 42 | 43,208 43 | 29,365 16 | 29,990 19 | 30,340 20 | 30,784 18 | 31,207 20 | 31,891 21 | $\begin{array}{r}32,170 \\ \hline 21\end{array}$ |
|  | Derivation of personal income |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Earnings by place of work (lines 12-16 or 17-34) | 25,690 | 26,856 | 27,006 | 27,251 | 28,225 | 28.825 | 29,089 | 18,999 | 19,445 | 19,677 | 20,051 | 20,326 | 20,855 | 21,063 |
| $5$ | Less: Personal contributions for social insurance ${ }^{2}$ | 1,596 | 1,670 | 1.663 | 1.669 | ${ }^{1}, 721$ | 1.769 | 1,776 | 1,285 | 1,313 | 1,320 | 1,339 | 1,349 | ${ }^{1,396}$ | 1,403 |
| $\begin{aligned} & 6 \\ & 7 \end{aligned}$ | Plus: Adjustment for residence ${ }^{3}$....................... | - 37.551 | 3,683 28.870 | 3.720 29.063 | 3,862 29.443 | $\begin{array}{r}3,944 \\ 30.448 \\ \hline\end{array}$ | 4,034 31090 | 4,076 31.389 | 18,920 | $\begin{array}{r}1,271 \\ 19 \\ \hline\end{array}$ | $\begin{array}{r}1,259 \\ 19,615 \\ \hline\end{array}$ | 1.318 20.030 | $\begin{array}{r}1,363 \\ 20,340 \\ \hline\end{array}$ | 1,403 20.862 | 1,418 |
| 8 | Pus: Dividends, interest, and rent ${ }^{4}$... | 6.947 | 7.134 | 7.284 | 7.351 | 7.450 | 7,452 | 7,423 | 5,597 | 5,688 | 5,750 | 5,763 | 5,827 | 5,831 | 5,823 |
|  | Pius: Transfer payments | 979 | 4,070 | 4,157 | 4,213 | 4,268 | 4,383 | 4,439 | 4,865 | 4,919 | 4,994 | 5,009 | 5,060 | 5,219 | 5,289 |
| 10 | State unemployment insurance benefits ... | 32 | 34 | 23 | 26 | 24 | 33 | 38 | 148 | 143 | 143 | 141 | 144 | 143 | 137 |
| 11 | Transfers excluding State unemployment insurance benefits $\qquad$ | 3,947 | 4,036 | 4,134 | 4,187 | 4,244 | 4,351 | 4,401 | 4,717 | 4,776 | 4,851 | 4,869 | 4,916 | 5,077 | 5,152 |
|  | Earnings by place of work |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Components of earnings: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Wage and salary disbursements ......................... | 20.481 | 21,500 | 21,593 | 21,810 | 22,655 | 23,132 | 23,332 | 15,328 | 15,700 | 15.912 | 16,236 | 16,469 | 16,933 | 17,098 |
| 13 14 14 | Other labor income Prow.................................... | 2,040 3,169 | 2,124 | 2,112 3,301 | 2,124 3 317 | 2,194 3 | 2,230 3,463 | 2,238 | 1,782 | 1.819 | 1,821 1,943 | +1,858 | 1,868 | 1,907 | 1,917 |
| 15 | Farm proprietors' income. | 7 | -2, | , 0 | -31-2 | +3, ${ }^{4}$ |  |  |  | 1,966 | 1,943 | -1,958 |  |  | , 6 |
| 16 | Nonfarm proprietors' income ................................ | 3.162 | 3,233 | 3,301 | 3,320 | 3,371 | 3,462 | 3,518 | 1,884 | 1,920 | 1,937 | 1,953 | 1,983 | 2,008 | 2,043 |
|  | Earnings by industry |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Farm earnings .... | 41 |  | 38 | 37 | 45 | 42 | 43 | 16 | 19 | 20 | 18 | 20 | 21 | 21 |
| 18 | Nonfarm earnings.. | 25.649 | 26,821 | ${ }^{26,968}$ | 27,213 | 28.180 | 28.784 | 29.046 | 18,982 | 19,426 | 19,657 | ${ }^{20,032}$ | 20.306 | 20,834 | 21,042 |
| 19 | Private earnings.. | 22,775 | 23,860 | 23,978 | 24,269 | 25,221 | 25,723 | 25,948 | 15,584 | 15,817 | 16,120 | 16,374 | 16,719 | 17,149 | 17,319 |
| 20 | Agricultural services, forestry, fishing, and other 6 | 172 | 172 | 170 | 173 | 183 | 177 | 185 | 132 | 131 | 131 | 131 | 134 | 127 | 131 |
| 21 | Mining .. |  | 23 | 25 | 24 | 23 | 26 | 27 | 12 | 12 | 13 | 12 | 12 | 12 | 14 |
| 22 | Construction... | 1,769 | ${ }^{1,812}$ | 1,845 | 1.876 | 1.958 | ${ }^{2} .0667$ | 2,059 | 1,052 | 1,113 | 1,074 | 1,098 | 1.148 | 1,135 | 1,154 |
| 23 24 | Manutacturing | 5.105 | 5,829 4 4 | 5.534 | 5.530 | 5,782 4 4 | 6,184 | 6,102 | 3,006 | 2,960 | 3,089 | 3,087 | 3,179 | 3,194 | 3,158 |
| 24 25 | Durable goods ... Nondurable goods | 3,772 <br> 1,333 <br> 1 | 4,399 1,431 | 4.118 1,416 | 4,103 1,427 | $\begin{array}{r}4,347 \\ 1,435 \\ \hline\end{array}$ | 4,676 <br> 1,508 <br> 108 | 4,581 1,521 | $\begin{array}{r}2,022 \\ 984 \\ \hline 1\end{array}$ | 1,992 967 | $\begin{array}{r}2,099 \\ \hline 900\end{array}$ | 2,121 966 | 2,229 ${ }^{950}$ | 2,193 1,001 | 2,173 |
| 26 | Transportation and public utilities | 1.115 | 1,144 | 1,190 | 1,161 | 1,309 | 1,298 | 1,298 | 1.036 | 1.066 | 1,081 | 1,112 | 1.148 | 1,160 | 1,168 |
| 27 | Wholesale trade | 1,877 | 1,952 | 2,001 | 2.109 | 2,142 | 2,232 | 2,296 | 942 | 998 | 1,012 | 1.037 | 1,084 | 1,071 | 1,092 |
| 28 | Retail trade ..... | 3,079 | 3,106 | 3,195 | 3,236 | 3,222 | 3,346 | 3,390 | 1.832 | 1,924 | 2,005 | 2,016 | 2,051 | 2,074 | 2,072 |
| 29 | Finance, insurance, and real estate . | 2,125 | 2,127 | 2,100 | 2.117 | 2,197 | 2,002 | 2,052 | 1,603 | 1,576 | 1,598 | 1,683 | 1,658 | 1,701 | 1,746 |
| 30 | Services | 7,511 | 7,694 | 7,920 | 8,041 | 8,405 | 8,391 | 8,539 | 5,969 | 6,038 | 6,118 | 6,199 | 6,305 | 6,674 | 6,783 |
| 31 | Government and government enterprises ... | 2.874 | 2,961 | 2,990 | 2,945 | 2,959 | 3,061 | 3,098 | 3,398 | 3,609 | 3.536 | 3,656 | 3,587 | 3.685 | 3,724 |
| ${ }^{32}$ | Federal, civilian ................................. | 498 | 533 | 552 | 517 | 509 | 512 | 510 | 680 | 713 | 761 | 738 | 740 | 751 | 735 |
| ${ }_{34}$ |  | 2,307 | r <br> 2 <br> 2,366 | 2,366 | 2,344 | 2,377 | 2,473 | 76 2.512 | 2,377 | 2,523 | 2,411 | 354 2,566 | - 3,4943 | 377 $\mathbf{2 , 5 5 7}$ | 371 2,598 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

See footnotes at end of table.
and Earnings by Industry ${ }^{1}$, 1999:IV-2001:II
adjusted at annual rates]

| Connecticut |  |  |  |  |  |  | Maine |  |  |  |  |  |  | Massachusetts |  |  |  |  |  |  | Line |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 | 2000 |  |  |  | 2001 |  | 1999 | 2000 |  |  |  | 2001 |  | 1999 | 2000 |  |  |  | 2001 |  |  |
| iv. | 1 | \#' | III ${ }^{5}$ | IV' | 15 | 118 | V ${ }^{\text {r }}$ | I' | II' | III ${ }^{\text {r }}$ | N' | $1{ }^{\prime}$ | 118 | IV | ' | I' | III' | IV | 1 | \# ${ }^{\text {P }}$ |  |
| $\begin{array}{r}132,786 \\ 132,593 \\ \hline 193\end{array}$ | 135,970 135,735 235 | 1388,488 138,188 260 | 140.111 139.860 251 | 142,690 142,421 269 | 146,216 145,930 287 | 147,235 <br> 146,950 <br> 285 | 31,041 30,920 121 | 31,753 31,629 124 | 32,364 <br> 32,227 <br> 137 | $\begin{array}{r}32,534 \\ 32,404 \\ \hline 131\end{array}$ | $\begin{aligned} & 32,996 \\ & 32,850 \\ & \hline 146 \end{aligned}$ | 34,070 33,931 139 | $\begin{aligned} & 34,276 \\ & 34,135 \end{aligned}$ | $\left\|\begin{array}{l} 224,609 \\ 224,518 \\ 09 \end{array}\right\|$ | $\left.\begin{aligned} & 233,514 \\ & 233,403 \\ & 2111 \end{aligned} \right\rvert\,$ | $\left\|\begin{array}{l} 236,408 \\ 236,289 \end{array}\right\|$ | $\left\lvert\, \begin{gathered} 241,958 \\ 241,848 \\ 240 \end{gathered}\right.$ | $\begin{array}{\|l\|l} 247,074 \\ 246,952 \\ 120 \end{array}$ | $\left\|\begin{array}{l} 250,708 \\ 250,591 \\ 117 \end{array}\right\|$ | $\left\|\begin{array}{l} 253,165 \\ 253,045 \\ 25,10 \end{array}\right\|$ | 1 2 3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 93,722 5,474 | ${ }_{5,603}^{95,863}$ | 97,370 | 98,573 5,689 | 100,259 5,754 | 103.500 5,990 | 104,278 6,006 | 21,072 1,297 | 21,580 1,326 | 21,991 1,345 | 22,044 1,343 | 22,342 | 23.289 1.424 | 23,448 1,426 | 172,781 9,749 | 180,778 10,219 | 182,150 10,208 | 187,343 10,469 | 191,701 10,665 | 194,763 10,896 | 196,936 10,966 | 4 5 |
| 6,327 | 6,714 | 6,968 | 7,082 | 7,494 | 7,600 | 7,703 | , 311 | ${ }_{328}$ | , 325 | 340 | , 361 | , 362 | , 335 | -4,377 | -4,622 | -4,608 | -4,835 | -4,986 | -5,053 | -5,119 | 6 |
| 94,574 | 96,973 | 98,696 | 99,967 | 101,999 | 105,110 | 105,975 | 20,085 | 20,581 | 20,971 | 21,040 | 21,350 | 22,227 | 22,358 | 158,654 | 165,937 | 167,334 | 172,040 | 176,051 | 178,814 | 180,850 | 7 |
| $\begin{array}{r}23,829 \\ \hline 14\end{array}$ | 24,370 | 24,830 | 25,070 | 25,404 | 25,416 1560 | 25,366 <br> 15 <br> 154 | 5,784 | 5,902 | ${ }^{6,003}$ | 6,058 5 5 | - 6,132 | 6,146 | $\stackrel{6}{6} \mathbf{5} 142$ | 38,997 | 40.086 | 41,039 | 41.584 | 42.321 | 42,400 | 42,381 |  |
| $\begin{array}{r} 14,383 \\ 350 \end{array}$ | 14,627 330 | 14,922 318 | 15,074 324 | 15,287 352 | 15,690 343 | 15,894 350 | 5,172 83 | 5,269 80 | 5,390 | 5,436 79 | $\begin{array}{r}5,514 \\ 84 \\ \hline\end{array}$ | 5,697 86 | 5,777 80 | 26,998 814 | 27.491 800 | 28,035 760 | 28,334 | 28,702 793 | 29,494 839 | 29,934 | ${ }_{10}^{9}$ |
| 14,032 | 14,297 | 14,604 | 14,750 | 14,934 | 15,348 | 15,543 | 5,089 | 5,189 | 5,308 | 5,357 | 5,429 | 5,611 | 5,697 | 26,184 | 26,691 | 27,274 | 27,563 | 27,910 | 28,656 | 29,009 | 11 |
| 75,272 | 77,262 | 78,407 | 79,551 | 81,034 | 83,828 | 84,402 | 16,447 | 16,853 | 17.215 | 17,294 | 17,537 | 18,340 | 18,438 | 140,269 | 147,348 | 148,252 | 152,905 | 156,802 | 159,201 | 160,904 | 12 |
| 7,665 | 7,709 | 7.800 | 7,871 | 8,002 | 8,236 | 8,251 | 2,163 | 2,195 | 2,215 | 2,221 | 2,238 | 2,304 | 2,314 | 14,562 | 15,064 | 15,051 | 15,445 | 15,629 | 15,920 | 16,023 | 13 |
| $10,785$ | 10.891 118 | 11,163 <br> 138 <br> 1 | 11,151 125 | 11,223 141 | $\begin{array}{r}11,436 \\ \hline 156\end{array}$ | 11,625 | 2,462 | 2,531 | 2,5611 | 2,530 | 2,568 | 2,645 | 2,696 ${ }^{2}$ | 17,950 | 18,365 | 18,848 | 18,994 | 19,270 | 19,642 | 20,009 | 14 |
| 10,702 | 10,773 | 11,025 | 11,026 | 11,082 | 11,280 | 11,474 | 2,415 | 2,486 | 2,505 | 2,483 | 2,507 | 2,593 | 2,644 | 17,951 | 18,353 | 18,832 | 18,990 | 19,256 | 19,633 | 20,001 | 16 |
| 193 | 235 | 260 | 251 | 269 | 287 | 285 | 121 | 124 | 137 | 131 | 146 | 139 | 141 | 92 | 111 | 119 | 110 | 122 | 117 | 120 | 17 |
| 93,529 | 95,628 | 97,10 | 98.322 | 99,990 | 103,214 | 103,993 | 20.950 | 21,456 | 21,854 | 21.913 | 22,197 | 23,150 | 23,308 | 172.690 | 180,666 | 182,031 | 187,233 | 191,580 | 194,646 | 196,816 | 18 |
| 82,580 | 84,603 | 85,631 | 87,301 | 88,494 | 90,996 | 91,642 | 17,048 | 17,459 | 17,829 | 17,909 | 18,189 | 19,066 | 19,161 | 152,197 | 159,754 | 160,797 | 165,874 | 170,824 | 172,522 | 174,473 | 19 |
| 505 | 52 | 506 | 507 | 509 | 514 | 530 | 297 | 288 | 286 | 296 | 306 | 309 | 325 | 885 | 909 | 900 | 898 | 927 | 58 | 91 | 20 |
| 4,810 | 4,961 | 5,061 | 5,074 | 5,123 | 5,369 | 5,377 | 1,455 | 1,633 | 1.615 | 1,539 | 1,570 | 1,725 | 1,746 | 8,825 | 9,298 | 9,515 | 9,817 | 116 10,300 | 10,778 | 132 10.929 | 22 |
| 17,362 | 16,971 | 17,819 | 18,459 | 18,763 | 18,730 | 18,640 | 3,365 | 3,412 | 3,465 | 3,434 | 3,455 | 3,634 | 3,571 | 25,835 | 27,482 | 27,673 | 28,411 | 28,856 | 28,784 | 28,505 | 23 |
| 12,085 | 11,695 | 12,287 | 12,716 | 12,864 | 12,813 | 12,657 | 1,664 | 1,683 | 1,744 | 1,727 | 1,783 | 1,898 | 1,845 | 17,613 | 18,965 | 19,086 | 19,691 | 19,991 | 20,321 | 19,942 | 24 |
| 5,277 | 5,276 | 5,532 | 5,743 | 5,898 | 5,916 | 5,983 | 1,702 | 1,729 | 1,721 | 1,708 | 1.672 | 1,736 | 1,726 | 8,223 | 8,517 | 8,587 | 8,720 | 8,865 | 8.463 | 8,563 | 25 |
| 4,522 | 4,882 | 4,947 | 4,903 | 4,959 | 5,337 | 5,101 | 1,084 | 1,111 | 1,139 | 1,159 | 1.180 | 1,225 | 1,234 | 8.049 | 8,702 | 8,718 | 8,784 | 9,011 | 9,534 | 9,549 | 26 |
| 5.635 | 5,624 | 5,598 | 5.701 | 5,920 | 5,770 | 5,693 | 1,079 | 1.095 | 1,116 | 1,142 | 1,174 | 1,208 | 1,191 | 12,158 | 12.073 | 12.334 | 12.581 | 12,674 | 12,190 | 12.265 | 27 |
| 7,237 | 8.564 | 8,188 | 7,768 | 7,497 | 7,774 | 7,907 | 2,485 | 2.519 | 2,560 | 2,596 | 2,624 | 2,763 | 2,783 | 14,010 | 14,267 | 14,614 | 14,887 | 15,337 | 15,354 | 15.530 | 28 |
| 14,665 27,680 | 14,827 28,074 | 14,694 | 15,665 29.042 | -16,188 | 17,323 30049 | - 17,805 | 1,497 <br> 5 | 1,409 5 5 | 1,489 <br> 6,154 | 1,528 | 1,531 6344 | 1,515 6881 | 1,533 6774 | 20,986 | 23,642 63,266 | 21,138 65789 | 21,639 68740 | 72, 824 | 24,700 | 24,825 71749 | 29 |
| 10,949 | 11,025 | 11,478 | 11,021 | 11,496 | 12,218 | 12,351 | 3,902 | 3,997 | 4,025 | 4,004 | 4,008 | 4,084 | 4,146 | 20,493 | 20,913 | 21,235 | 21,359 | 20,756 | 22.124 | 22,343 | 31 |
| 1,407 | 1,446 | 1,576 | 1,460 | 1,425 | 1,477 | 1,482 | 828 | 898 | 912 | 869 | 874 | 882 | 901 | 3,699 | 3,774 | 3,897 | 3,732 | 3,734 | 3,892 | 3,948 | 32 |
| 499 | 512 | 513 | 528 | 518 |  |  | 309 | 315 | 306 | 314 | 309 | 311 | 313 | 503 | 518 | 515 | 531 | 527 | 549 | 557 | ${ }^{33}$ |
| 9,043 | 9,067 | 9,389 | 9,032 | 9,553 | 10,207 | 10,335 | 2,765 | 2,784 | 2,807 | 2,821 | 2,825 | 2,890 | 2,932 | 16,371 | 16,621 | 16,822 | 17,096 | 16,494 | 17,682 | 17,837 | 34 |
| Vermont |  |  |  |  |  |  | Mideast |  |  |  |  |  |  | Delaware |  |  |  |  |  |  | Line |
| 1999 | 2000 |  |  |  | 2001 |  | 999 | 2000 |  |  |  | 2001 |  | 1999 | 2000 |  |  |  | 2001 |  |  |
| $\mathrm{V}^{\prime}$ | 1 | I' | III | N | $1{ }^{\prime}$ | 118 | IV' | Ir | $\\|^{r}$ | III' | IV | Ir | $11 p$ | IV' | I | $1{ }^{\text {r }}$ | III ${ }^{\text {r }}$ | IV ${ }^{\text {r }}$ | ' | 119 |  |
| 15,703 | 15,991 | 16,433 | 16,390 | 16,828 | 17,252 | 17,369 | 1,477,726 | 1,512,578 | 1,545,487 | 1,564,588 | 1,602,664 | 1,624,312 | 1,638,221 | 23,436 | 23,645 | 24,225 | 24,616 | 25,278 | 25,220 | 25,483 |  |
| 15,571 | 15,842 | 16,259 | 16,232 | 16,622 | 17,054 | 17,166 | 1,475,724 | 1,510,251 | 1,542,849 | 1,562,096 | 1,599,717 | 1,621,513 | 1,635,364 | 23,322 | 23,531 | 24,095 | 24,492 | 25,142 | 25,083 | 25,352 |  |
| 132 | 149 | 175 | 159 | 206 | 199 | 203 | 2,002 | 2,326 | 2,638 | 2,493 | 2,947 | 2,800 | 2,857 | 115 | 114 | ${ }^{24} 130$ | +124 | 137 | ${ }^{137}$ | 131 | 3 |
| 10,864 | 11,050 | 11,439 | 11,337 | 11,720 | 12,080 | 12,160 | 1,088,744 | 1,116,891 | 1,142,146 | 1,157,566 | 1,192,437 | 1,209,471 | 1,221,842 | 18,384 | 18,303 | 18,701 | 19,025 | 19,633 | 19,410 | 19,699 | 4 |
| 689 114 | ${ }_{134}^{698}$ | 718 | 708 | 726 | 755 | 757 | 65,069 | 66,834 | 67,848 -17382 | 68,459 | 70,252 | 71,776 | 72,163 | 1,125 | 1,118 | -1,134 | 1,150 | 1,181 | 1,174 | 1.188 | 5 |
| 10,289 | 10,487 | 10.842 | 10,762 | 11,135 | 11.460 | 11,540 | 1,006,836 | 1,032,808 | 1,056,916 | 1,071,547 | 1,103,544 | 1,118,554 | 1,130,244 | 16,234 | 16,228 | 16,598 | 16,869 | 17,394 | 17,219 | 17,460 | 7 |
| 3,186 | 3,234 | 3.272 | 3,289 | 3,319 | 3,330 | 3,328 | 263,320 | 269,132 | 274,225 | 277,191 | 280,629 | 281,048 | 280,506 | 4,471 | 4,614 | 4.742 | 4,822 | 4,905 | 4,909 | 4.896 | 8 |
| 2,229 44 | 2,270 43 | 2.320 | 2,339 44 | 2,374 47 | 2,463 50 | 2,501 47 | 207,570 | 210,638 4,337 | 214,346 | 215,851 4,296 | 218,491 4,630 | 224,711 | 227,472 4,653 | 2,731 61 | 2,803 64 | 2,886 <br> 68 | 2,925 70 | 2,979 76 | 3,092 8 | 3,127 67 | 9 ${ }^{9}$ |
| 2,185 | 2,227 | 2,278 | 2,296 | 2,327 | 2,413 | 2,454 | 203,141 | 206,301 | 210,066 | 211,554 | 213,861 | 219,940 | 222,819 | 2,670 | 2,739 | 2,818 | 2,855 | 2,903 | 3.010 | 3,060 | 11 |
| 8,545 | 8,680 | 9,007 | 8,931 | 9,227 | 9,543 | 9,598 | 864,783 | 890,912 | 911,687 | 925,787 | 956,993 | 971,641 | 981,107 | 15.342 | 15,270 | 15,607 | 15,908 | 16,445 | 16,253 | 16,507 |  |
| 956 | 967 |  | 983 | 1,012 | 1,039 | 1,040 | 91,779 | 93,408 | 94,281 | 95,536 | 97.815 | 98,539 | 99,087 | 1,726 | 1,710 | 1,739 | 1,774 | 1,822 | 1,785 | 1,812 | 13 |
| 1,363 | $\begin{array}{r}1,403 \\ \hline 196\end{array}$ | 1,437 | 1,422 | 1,481 | 1,498 140 | 1,522 | ${ }^{132,182}$ | $\begin{array}{r}132,571 \\ 1 \\ 1 \\ \hline 147\end{array}$ | $\xrightarrow{136,478} 1$ | 136,242 <br> 1,231 | ${ }^{137,668}$ | $\begin{array}{r}139,292 \\ 1.500 \\ \hline\end{array}$ | ${ }^{141,648} 1$ | $\begin{array}{r}1,316 \\ \hline 182\end{array}$ | 1,323 79 | 1,356 ${ }^{\text {93 }}$ | $\begin{array}{r}1,344 \\ 86 \\ \hline 1\end{array}$ | 1,366 <br> 97 | 1,373 <br> 97 | 1,380 90 | 14 15 |
| 1,281 | 1,307 | 1,317 | 1,320 | 1,333 | 1,358 | 1,380 | 131,284 | 131,424 | 134,766 | 135,011 | 135,960 | 137,791 | 140, 124 | 1,234 | 1,244 | 1,263 | 1,258 | 1,269 | 1,276 | 1,290 | 16 |
| 132 | 149 | 175 | 159 | 206 | 199 | 203 | 2,002 | 2,326 | 2,638 | 2.493 | 2,947 | 2.800 | 2,857 | 115 | 114 | 130 | 124 | 137 | 137 | 131 | 17 |
| 10,732 | 10,902 | 11,264 | 11,178 | 11,514 | 11,881 | 11,957 | 1,086,742 | 1,14,565 | 1,139,508 | 1,155,073 | 1,189,489 | 1,206,672 | 1,218,984 | 18,269 | 18,189 | 18,571 | 18,901 | 19,496 | 19,273 | 19,568 | 18 |
| 9,002 | 9,117 | 9,428 | 9,400 | 9,688 | 10,018 | 10,081 | 913,120 | 935,661 | 961,660 | 974,734 | 1,008,501 | 1,022,708 | 1,032,717 | 15,758 | 15,655 | 15,892 | 16,288 | 16,848 | 16,711 | 16,978 | 19 |
| 95 26 | 95 28 | 92 | 94 26 | 94 24 | 98 | 102 30 | $\begin{aligned} & 6,309 \\ & 2,700 \end{aligned}$ | $\begin{aligned} & 6,371 \\ & 2,754 \end{aligned}$ | 6,199 2809 | $6,384$ | $6,463$ | $\begin{aligned} & 6,576 \\ & 0 \rightarrow 760 \end{aligned}$ | 6,769 7845 | 8 | (2) | ${ }^{(8)}$ | 12 | $(2)$ | (9) | 18 | 20 |
| 784 | 821 | 807 | 814 | 829 | 854 | 857 | 50,710 | 52,772 | 53,232 | 53,833 | 55,963 | 57,366 | 57,118 | 1,212 | 1,212 | 1,212 | 1,186 | 1,223 | 1,196 | 1,181 | 22 |
| 2,074 | 2,080 | 2,287 | 2,240 | 2,360 | 2,486 | 2,468 | 141,505 | 143,736 | 146,117 | 149,406 | 154,554 | 152,520 | 151,972 | 3,854 | 3,761 | 3,629 | 3,730 | 3,839 | 3,776 | 3,999 | 23 |
| 1,528 | 1,530 | 1,637 | 1,681 | 1,792 | 1,896 | 1,880 | 68,840 | 68,658 | 69,786 | 72,118 | 74,584 | 75,286 | 75,037 | 1,106 | 1,027 | 991 | 997 | 990 | 875 | 1,041 | 24 |
| 546 | 549 | 650 | 559 | 568 | 590 | 588 | 72,665 | 75.078 | 76,331 | 77,289 | 79.969 | 77,234 | 76,935 | 2.747 | 2,734 | 2.639 | 2,733 | 2,850 | 2.901 | 2,959 | 25 |
| 565 | ${ }_{592}^{596}$ | 592 | 591 | 605 | 633 | 532 | 71,192 | 71,543 | 73,383 | 73,353 | 76.098 | 75,906 | 76.002 | 811 | 873 | 830 | 853 | 901 | 942 | 947 | ${ }_{27}^{26}$ |
| 518 | 523 | 536 | 531 | 549 | 576 | 579 | 64,709 | 65,727 | ${ }_{81}^{67,366}$ | ${ }_{88,447}^{68,39}$ | 70,220 84776 | 70,684 85830 | -70,974 | 759 | 762 | 789 | ${ }^{806}$ | 8344 | 922. | ${ }^{890}$ | 27 |
| $\begin{array}{r}1,083 \\ \hline 636\end{array}$ | 1,1166 | 1,123 | 1,151 | $\begin{array}{r}1,171 \\ \hline 629\end{array}$ | $\begin{array}{r}1,198 \\ \hline 63\end{array}$ | $\begin{array}{r}1,209 \\ \hline 65\end{array}$ | 159,317 | 80,887 | $\begin{array}{r}81,989 \\ 1723 \\ \hline 1203\end{array}$ | 83,447 173113 | 84,776 182.255 | 85,830 186312 | - $\begin{array}{r}86,238 \\ 190.569 \\ \hline\end{array}$ | 1.568 2.890 | 1,565 2803 | 1,599 <br> 2 <br> 191 | 1,613 3 3 | 1,625 | 1,660 3 3 | 1,674 3 3 | ${ }_{29}^{28}$ |
| 3.221 | 3.248 | 3,302 | 3.333 | 3,426 | 3,507 | 3,550 | 341,829 | 347,379 | 358,263 | 363,989 | 375,413 | 384,756 | 390,228 | 4,568 | 4,582 | 4,804 | 4,691 | 5,058 | 5,045 | 5,065 | 30 |
| 1,730 | 1,785 | 1,836 | 1,778 | 1,826 | 1,863 | 1,876 | 173,622 | 178,904 | 177,848 | 180,339 | 180,988 | 183,963 | 186,267 | 2,511 | 2,534 | 2,679 | 2,614 | 2,648 | 2,563 | 2.590 | 31 |
| 318 65 | ${ }_{68}^{356}$ | 363 67 | 344 69 | $\begin{array}{r}344 \\ 69 \\ \hline\end{array}$ | 349 72 | 355 | $\begin{array}{r} 46,276 \\ 6,381 \end{array}$ | 48,288 6,615 | 49,091 | 48,319 6 6 | 48,429 6 6 | 49,532 | 49,999 6896 | 332 | 358 <br> 258 | 370 259 | 340 263 | 340 260 | 349 269 | 362 | 32 |
| 1,347 | 1,361 | 1,405 | 1,365 | 1,413 | 1,442 | 1,451 | 120,964 | 124,000 | 122,166 | 125,294 | 125,808 | 127,505 | 129,372 | 1,925 | $\begin{array}{r}1298 \\ \hline 1,917\end{array}$ | 2,049 | 2,011 | 2,048 | 1,944 | 1,961 | 34 |

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


[^42]and Earnings by Industry', 1999:IV-2001:II-Continued
adjusted at annual rates]

| New Jersey |  |  |  |  |  |  | New York |  |  |  |  |  |  | Pennsylvania |  |  |  |  |  |  | Line |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 | 2000 |  |  |  | 2001 |  | 1999 | 2000 |  |  |  | 2001 |  | 1999 | 2000 |  |  |  | 2001 |  |  |
| IV ${ }^{\text {r }}$ | $1 /$ | 115 | $111{ }^{r}$ | IV ${ }^{\text {r }}$ | $1 /$ | 110 | IV ${ }^{\text {r }}$ | 1 | $1{ }^{1}$ | 1115 | IV' | 15 | 110 | IV' | I' | $11 \times$ | III ${ }^{\text {r }}$ | IV' | 1 | 110 |  |
| 295,482 | 301,864 | 311,145 | 314,788 | 323,766 | 322,635 | 324,898 | 619,025 | 637,015 | 650,883 | 658,647 | 675,787 | 688,457 | 695,753 | 348,738 | 354,643 | 360,846 | 365,038 | 371,431 | 378,237 | 380,549 | 1 |
| 295,292 | 301,583 | 310,825 | 314,467 | 323,459 | 322,302 | 324,569 | 618,303 | 636,371 | 650,152 | 657,951 | 674,897 | 687,676 | 694,951 | 348,074 | 353,712 | 359,787 | 364,048 | 370,233 | 377,097 | 379,348 | 2 |
| 190 | 281 | 319 | 321 | 307 | 333 | 329 | 722 |  |  | 696 | 891 | 782 | 803 | 663 | 931 | 1,059 | 990 | 1,198 | 1,140 | 1,201 | 3 |
| 206,512 | 209,659 | 217,342 | 219,711 | 227,146 | 223,695 | 225,378 | 465,672 | 483,507 | 495,132 | 502,073 | 519,098 | 530,812 | 537.641 | 242,989 | 246,702 | 250,398 | 253,350 | 258,183 | 263,938 | 265,784 | 4 |
| 12,698 | 12,863 | 13,256 | 13,323 | 13,716 | 13,550 | 13,586 | 27,542 | 28,740 | 29,155 | 29,431 | 30,341 | 31,296 | 31,535 | 14,853 | 15,050 | 15,164 | 15,285 | 15,497 | 15,978 | 16,018 | 5 |
| 17,487 | 19,014 | 19,200 | 19,560 | 20,232 | 21,320 | 21,635 | -25,292 | -27,276 | -27,916 | -28,396 | -29,677 | $-30,667$ | -31,115 | 2,072 | 2,117 | 2,299 | 2,356 | 2,568 | 2,262 | 2,304 | 6 |
| 211,302 | 215,810 | 223,286 | 225,948 | 233,662 | 231,465 | 233,427 | 412,838 | 427,490 | 438,061 | 444,246 | 459,080 | 468,849 | 474,992 | 230,208 | 233,769 | 237,533 | 240,421 | 245,254 | 250,222 | 252,070 | 7 |
| 51,729 | 53,015 | 54,131 | 54,776 | 55,569 | 55,689 | 55,611 | 109,535 | 111,532 | 113,268 | 114,227 | 115,407 | 115,592 | 115,446 | 62,594 | 64,159 | 65,596 57 | 66,524 | 67,340 | 67,407 | 67,121 | 8 |
| 32,451 | 33,039 | 33,728 | 34,064 | 34,535 | 35,481 | 35,860 | 96,652 | 97,993 | 99,554 | 100,175 | 101,300 | 104,017 | 105,316 | 55,936 | 56,715 | 57.717 | 58,092 | 58,838 | 60,608 | 61.358 | 10 |
| 1,080 | 1,053 | 1,031 | 1,022 | 1,069 | 1,080 | 1,017 | 1,524 | 1,532 | 1,494 | 1,508 | 1,650 | 1,700 | 1,736 | 1,415 | 1,360 | 1,364 | 1,376 | 1.505 | 1,558 | 1,494 | 10 |
| 31,371 | 31,986 | 32,697 | 33,042 | 33,466 | 34,400 | 34,842 | 95,128 | 96,461 | 98,060 | 98,666 | 99,650 | 102,317 | 103,579 | 54,520 | 55,355 | 56,353 | 56,716 | 57,333 | 59,050 | 59,864 | 11 |
| 165,990 | 168,720 | 175,372 | 177,467 | 184,041 | 180,668 | 181,923 | 367,986 | 385,366 | 394,362 | 400,891 | 416,364 | 426,787 | 431,867 | 190,334 | 193,404 | 196,409 | 199,216 | 203,404 | 208,399 | 209,805 | 12 |
| 15,866 | 15,954 | 16,423 | 16,560 | 17,113 | 16,619 | 16,655 | 34,390 | 35,470 | 35,888 | 36,306 | 37,347 | 37,960 | 38,270 | 21,958 | 22,016 | 22,141 | 22,403 | 22,689 | 23,052 | 23,135 | 13 |
| 24,657 | 24,986 | 25,547 | 25,684 | 25,992 | 26,408 | 26,800 | 63,296 | 62,671 | 64,882 | 64,876 | 65,386 | 66,065 | 67,504 | 30,696 | 31,282 | 31,848 | 31,730 | 32,090 | 32,486 | 32,844 | 14 |
|  | 110 | 140 | 736 | 119 | 141 | 131 | 341 | 236 | 307 | 261 | 450 | 334 | 345 | 249 | 489 | 601 | 518 | 720 | 655 | 704 | 15 |
| 24,627 | 24,876 | 25,406 | 25,548 | 25,873 | 26,266 | 26,668 | 62,955 | 62,435 | 64,575 | 64,615 | 64,936 | 65,731 | 67,159 | 30,447 | 30,793 | 31,247 | 31,212 | 31,370 | 31,831 | 32,140 | 16 |
| 190 | 281 | 319 | 321 | 307 | 333 | 329 | 722 | 644 | 730 | 696 | 891 | 782 | 803 | 663 | 931 | 1,059 | 990 | 1,198 | 1,140 | 1,201 | 17 |
| 206,322 | 209,378 | 217,023 | 219,390 | 226,839 | 223,362 | 225,049 | 464,950 | 482,863 | 494,401 | 501,377 | 518,207 | 530,030 | 536,839 | 242,325 | 245,771 | 249,338 | 252,360 | 256,985 | 262,797 | 264,583 | 18 |
| 178,246 | 180,602 | 187,826 | 190,090 | 197,574 | 193,160 | 194,433 | 398,716 | 414,614 | 426,773 | 432,741 | 448,970 | 460,258 | 465,932 | 209,348 | 212,319 | 215,752 | 218,467 | 223,310 | 228,658 | 229,991 | 19 |
| 963 | 981 | 949 | 938 | 960 | 1,000 | 1,030 | 2,227 | 2,294 | 2,219 | 2,228 | 2,275 | 2,300 | 2,368 | 1,240 | 1,273 | 1,258 | 1,282 | 1,282 | 1,312 | 1,352 | 20 |
| 336 | 334 | 346 | 347 | 351 | 348 | 362 | 399 | 466 | 447 | 433 | 426 | 432 | 452 | 1,837 | 1.805 | 1,860 | 1,869 | 1,829 | 1,811 | 1,860 | 21 |
| 9,411 | 9,887 | 9,981 | 10,040 | 10,611 | 10,769 | 10,670 | 18,058 | 18,703 | 19,039 | 19,345 | 20,283 | 20,667 | 20,643 | 13,830 | 14,596 | 14,596 | 14,473 | 14,754 | 15,550 | 15,480 | 22 |
| 30,045 | 31,477 | 32.633 | 32,495 | 35.760 | 31,806 | 31,397 | 49,940 | 51,275 | 51,193 | 53,441 | 53,692 | 55,108 | 55,184 | 47,909 | 47,249 | 48,450 | 49,204 | 50,427 | 50,709 | 50,224 | 23 |
| 10,206 | 10,280 | 10,606 | 10,882 | 11,440 | 11,716 | 11,671 | 26,011 | 26.454 | 26,668 | 28,130 | 28,695 | 28,597 | 28,499 | 26,589 | 25.815 | 26,375 | 26,793 | 27,833 | 28,253 | 27,919 | 24 |
| 19,838 | 21,197 | 22,027 | 21,613 | 24,320 | 20,090 | 19,726 | 23,930 | 24,821 | 24,524 | 25,310 | 24,997 | 26,511 | 26,685 | 21,320 | 21.434 | 22,074 | 22,411 | 22,593 | 22.455 | 22,305 | 25 |
| 18,995 | 18,186 | 19,255 | 19,551 | 20,260 | 18,642 | 18,732 | 26,495 | 27,238 | 27,738 | 27,695 | 28,676 | 29,419 | 29,478 | 16,886 | 17,204 | 17,297 | 16,845 | 17,506 | 18,267 | 18,169 | 26 |
| 17,835 | 18,224 | 18,770 | 19,439 | 19,995 | 20,045 | 20,038 | 25,852 | 26,341 | 26,860 | 26,942 | 27,825 | 27,587 | 27,673 | 13,821 | 13,882 | 14,190 | 14,362 | 14,659 | 15,035 | 15,203 | 27 |
| 15,955 | 16,231 | 16,620 | 16.865 | 17,141 | 17,211 | 17,313 | 30,068 | 31,147 | 31,322 | 31,929 | 32,482 | 32.783 | 32,986 | 21,169 | 21,308 | 21,633 | 22,102 | 22,307 | 22,670 | 22,783. | 28 |
| 21,189 | 21,777 | 22,939 | 23,045 | 23,572 | 22,550 | 23,115 | 98,696 | 107.600 | 113,114 | 113,204 | 120,935 | 126,340 | 129,090 | 20,352 | 20,526 | 21,090 | 21.638 | 21,799 | 22,435 | 22,978 | 29 |
| 63,517 | 63,505 | 66,333 | 67,369 | 68,924 | 70,790 | 71,777 | 146,981 | 149,551 | 154,840 | 157,523 | 162,378 | 165,622 | 168,059 | 72,304 | 74,476 | 75,377 | 76,691 | 78,749 | 80,875 | 81,941 | 30 |
| 28,077 | 28,776 | 29,197 | 29,301 | 29,266 | 30,202 | 30,617 | 66,234 | 68,249 | 67,629 | 68,636 | 69,237 | 69,772 | 70,907 | 32,977 | 33,453 | 33,587 | 33,893 | 33,674 | 34,139 | 34,591 |  |
| 4.296 | 4,490 | 4,715 | 4,478 | 4,479 | 4,623 | 4,673 | 8,707 1,374 | 9,114 | 9,825 1,457 | 9,025 <br> 1 <br> 186 | 8,982 | 9,188 1540 | 9,304 1 | 6,667 | 6,928 | 7,306 | 7,106 | 7,038 | 7,254 | 7,386 | 32 33 |
| 794 22,987 | 8,803 23,483 | 796 23,687 | 810 24,012 | 803 23,983 | 796 24,784 | 273 25,171 | 1,374 56,153 | 1,469 57,666 | $\begin{array}{r} 1,457 \\ 56,347 \end{array}$ | $\begin{array}{r} 1,486 \\ 58,125 \end{array}$ | $\begin{array}{r} 1,478 \\ 58,777 \end{array}$ | $\begin{array}{r} 1,540 \\ 59,045 \end{array}$ | $\begin{array}{r} 1,558 \\ 60,045 \end{array}$ | 812 25,498 | 25,703 | 816 25,465 | 833 25,954 | 833 25,803 | 856 26,030 | 7845 26,361 | 33 34 |
| Indiana |  |  |  |  |  |  | Michigan |  |  |  |  |  |  | Ohio |  |  |  |  |  |  | Line |
| 1999 | 2000 |  |  |  | 2001 |  | 1999 | 2000 |  |  |  | 2001 |  | 1999 | 2000 |  |  |  | 2001 |  |  |
| IV' | $1{ }^{\prime}$ | $11{ }^{\text {r }}$ | III' | IV ${ }^{\text {r }}$ | $1{ }^{\prime}$ | 110 | IV ${ }^{\text {r }}$ | $I^{\prime}$ | $1{ }^{\prime}$ | III' | N ${ }^{\prime}$ | 1 | 110 | IV' | I | $11{ }^{\prime}$ | III' | IV' | ${ }^{\prime}$ | 110 |  |
| 158,304 | 160,369 | 163,277 | 165,178 | 165,374 | 168,359 | 169,359 | 279,951 | 285,035 | 288,883 | 290,572 | 293,068 | 295,204 | 297,261 | 308,293 | 312,096 | 316,416 | 318,662 | 321,892 | 325,082 | 327,289 | 1 |
| 157,900 | 159,872 | 162,504 | 164,598 | 164,701 | 167,679 | 168.737 | 279, 134 | 284.628 | 288,325 | 290,062 | 292,398 | 294,710 | 296,771 | 307,646 | 311,161 | 315,336 | 317,767 | 320,854 | 324,273 | 326.487 | 2 |
| 403 | 497 | 773 | 579 | 673 | 680 | 622 | 817 | 407 | 558 | 510 | 670 | 494 | 490 | 646 | 935 | 1,080 | 894 | 1,039 | 808 | 802 | 3 |
| 113,340 | 114,439 | 116,218 | 117,193 | 116,588 | 118,816 | 119,477 | 206,044 | 210,337 | 212,672 | 213,464 | 214,700 | 215,444 | 217,004 | 221,776 | 224,034 | 226,713 | 227,925 | 230,138 | 232,227 | 234,044 | 4 |
| 7,106 | 7,162 | 7,214 | 7,254 | 7,167 | 7,359 | 7,370 | 12,607 | 12,900 | 12,941 | 12,916 | 12,901 | 13,041 | 13,077 | 12,486 | 12,566 | 12,617 | 12,622 | 12,662 | 12,886 | 12,935 | 5 |
| 3,189 | 3,244 | 3,283 | 3,329 | 3,458 | 3,502 | 3,518 | 979 | 961 | 984 | 1,007 | 1,025 | 1,073 | 1,063 | -1,575 | -1,566 | -1,570 | -1,573 | -1,577 | -1,598 | -1,629 | 6 |
| 109,424 | 110,521 | 112,288 | 113,267 | 112,879 | 114,959 | 115,625 | 194,416 | 198,398 | 200,715 | 201,555 | 202,823 | 203,476 | 204,991 | 207,715 | 209,903 | 212,526 | 213,730 | 215,899 | 217,742 | 219,480 | 7 |
| 28,470 | 28,952 | 29,551 | 30,170 | 30,366 | 30,558 | 30,528 | 47,854 | 48,672 | 49,891 | 50,691 | 51,503 | 51,612 | 51,563 | 57,168 | 57,929 | 58,634 | 59,079 | 59,446 | 59,539 | 59,386 | 8 |
| 20,409 | 20,897 | 21,437 | 21,740 | 22,128 | 22,842 | 23,205 | 37,680 | 37,965 | 38,277 | 38,326 | 38,742 | 40,116 | 40,708 | 43,410 | 44,265 | 45,257 | 45,852 | 46,548 | 47,801 | 48,424 | 9 |
| 248 | 255 | 262 | 295 | 367 | 415 | 463 | 824 | 860 | 804 | 884 | 1,043 | 1,231 | 1,262 | 652 | 638 | 636 | 715 | 825 | 894 | 957 | 10 |
| 20,161 | 20,642 | 21,176 | 21,445 | 21,762 | 22,427 | 22,742 | 36,856 | 37,105 | 37,473 | 37,443 | 37,699 | 38,885 | 39,447 | 42,757 | 43,627 | 44,620 | 45,137 | 45,723 | 46,906 | 47,467 | 11 |
| 92,635 | 93,547 | 94,864 | 95,917 | 95,370 | 97,309 | 97,869 | 169,515 | 173,835 | 175,629 | 176,277 | 177,246 | 178,043 | 179,291 | 182,113 | 183,827 | 186,055 | 187,312 | 189,240 | 191,384 | 192,924 | 12 |
| 10,767 | 10,784 | 10,867 | 10,996 | 10,840 | 10,946 | 10,983 | 19,399 | 19,802 | 19,862 | 19,996 | 20,009 | 19,962 | 20,051 | 20,609 | 20,684 | 20,766 | 20,966 | 21,099 | 20,982 | 21,070 | 13 |
| 9,939 | 10,108 | 10,488 | 10,280 | 10,378 | 10,561 | 10,626 | 17,131 | 16,700 | 17,181 | 17,191 | 17,445 | 17,438 | 17,662 | 19,054 | 19,523 | 19,892 | 19,647 | 19,799 | 19,861 | 20,051 | 14 |
| 942 | 240 | 514 | 320 | 413 | 10.145 | 351 | 614 | -128 |  | 17.77 |  | -116 | ${ }^{-140}$ | 315 | 609 | 752 | 565 | 710 | 474 | 458 | 15 |
| 9,797 | 9,868 | 9,973 | 9,960 | 9,965 | 10,145 | 10,274 | 16,817 | 16,828 | 17,186 | 17,268 | 17,372 | 17,555 | 17,802 | 18,738 | 18,914 | 19,140 | 19,082 | 19,089 | 19,387 | 19,593 | 16 |
| 403 | 497 | 773 | 579 | 673 | 680 | 622 | 817 | 407 | 558 | 510 | 670 | 494 | 490 | 646 | 935 | 1,080 | 894 | 1,039 | 808 | 802 | 17 |
| 112,937 | 113,942 | 115,445 | 116,614 | 115,975 | 118,136 | 118,855 | 205,228 | 209,930 | 212,113 | 212,954 | 214,029 | 214,950 | 216,514 | 221,129 | 223,099 | 225,633 | 227,031 | 229,099 | 231,418 | 233,242 | 18 |
| 97,770 | 98,371 | 99,851 | 100,869 | 100,704 | 102,510 | 102,968 | 178,187 | 182,672 | 184,602 | 184,896 | 186,102 | 186,897 | 187,846 | 188,977 | 189,772 | 192,108 | 192,931 | 194,884 | 198,285 | 199,811 | 19 |
| 538 | 554 | 548 | 546 | 557 | 569 | 588 | 1,039 | 1,060 | 1,048 | 1,033 | 1,062 | 1,104 | 1,145 | 1,093 | 1,120 | 1,086 | 1,072 | 1,069 | 1,097 | 1,130 | 20 |
| 459 | 436 | 451 | 431 | 438 | 436 | 448 | 526 | 577 | 630 | 645 | 637 | 597 | 591 | 782 | 751 | 768 | 770 | 762 | 795 | 815 | 21 |
| 7,621 | 7,879 | 7,652 | 7,619 | 7,469 | 7,767 | 7,634 | 12,067 | 12,491 | 12,606 | 12,730 | 12,717 | 12,705 | 12,677 | 13,084 | 13,542 | 13,413 | 13,196 | 12,969 | 13,433 | 13,262 | 22 |
| 32,774 | 32,346 | 33,027 | 33,748 | 33,592 | 32,501 | 32,753 | 61,335 | 64,671 | 64,252 | 63,510 | 63,008 | 62,878 | 62,805 | 54,397 | 53,686 | 54,058 | 54,493 | 55,223 | 54,655 | 55,228 | 23 |
| 24,022 | 23,827 | 24,207 | 24,437 | 24,478 | 23,602 | 23,664 | 47,757 | 50,922 | 50,320 | 49,696 | 49,155 | 49,178 | 49,061 | 37,188 | 36,566 | 37,082 | 37,349 | 38,152 | 37,506 | 38,029 | 24 |
| 8,751 | 8,518 | 8,820 | 9,311 | 9.114 | 8,899 | 9,089 | 13,579 | 13,748 | 13,932 | 13,814 | 13.852 | 13,700 | 13,744 | 17,209 | 17,120 | 16,976 | 17,144 | 17.071 | 17,149 | 17,200 | 25 |
| 6,793 | 6,971 | 6,947 | 7,003 | 7,110 | 7,633 | 7,269 | 9,987 | 10,374 | 10,354 | 10,502 | 10,761 | 11,056 | 11,041 | 12,455 | 12,759 | 12,853 | 12,651 | 12,957 | 13,543 | 13,209 | 26 |
| 6,432 | 6,527 | 6,626 | 6,771 | 6,797 | 7,099 | 7,085 | 12,957 | 13,147 | 13,364 | 13,285 | 13,377 | 13,123 | 13,167 | 14,545 | 14,673 | 15,048 | 15,258 | 15,406 | 15,480 | 15,536 | 27 |
| 10,397 | 10,498 | 10,574 | 10,671 | 10,753 | 10,950 | 11,000 | 16,908 | 16,908 | 17,165 | 17,413 | 17,504 | 17,786 | 17,783 | 20,711 | 20,862 | 21,057 | 21,279 | 21,542 | 21,555 | 21,693 | 28 |
| 7,656 | 7,358 | 7,718 | 7,681 | 7,090 | 7.535 | 7.691 | 11.919 | 11,716 | 11,811 | 12,183 | 12,095 | 11,963 | 12,314 | 15,924 | 15,886 | 16,208 | 16,119 | 15,849 | 16.281 | 16,683 | 29 |
| 25,101 | 25,802 | 26,309 | 26,398 | 26,898 | 28,020 | 28,500 | 51,449 | 51,728 | 53,371 | 53,595 | 54,942 | 55,684 | 56,323 | 55,986 | 56,493 | 57,619 | 58,094 | 59,108 | 61,446 | 62,255 | 30 |
| 15,167 | 15,571 | 15,594 | 15,744 | 15,212 | 15,626 | 15,886 | 27,041 | 27,258 | 27,511 | 28,057 | 27,927 | 28,053 | 28,668 | 32,153 | 33,328 | 33,525 | 34,100 | 34,215 | 33,133 | 33,431 | 31 |
| 2,381 | 2,505 | 2,786 | 2,575 | 2,418 | 2,385 | 2,434 | 3,470 | 3,601 | 3,841 | 3,646 | 3,605 | 3,706 | 3,753 | 5,384 | 5,550 | 5,876 | 5,652 | 5,609 | 5,697 | 5,716 | 32 |
| 349 | 367 | 364 | 377 | 377 | 385 | 386 | 376 | 390 | 390 | 398 | 398 | 413 | 416 | 897 | 929 | 930 | 947 | 941 | 970 | 948 | 33 |
| 12,436 | 12,699 | 12,445 | 12,793 | 12.416 | 12,856 | 13,067 | 23,195 | 23,267 | 23,281 | 24,014 | 23,924 | 23,935 | 24,500 | 25,871 | 26,848 | 26,719 | 27,502 | 27,665 | 26,465 | 26,767 | 34 |

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


[^43]and Earnings by Industry ${ }^{1}$, 1999:IV-2001:II—Continued

| lowa |  |  |  |  |  |  | Kansas |  |  |  |  |  |  | Minnesota |  |  |  |  |  |  | Line |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 | 2000 |  |  |  | 2001 |  | 1999 | 2000 |  |  |  | 2001 |  | 1999 | 2000 |  |  |  | 2001 |  |  |
| IV' | 15 | $11{ }^{\prime}$ | III ${ }^{\text {r }}$ | IV ${ }^{\text {r }}$ | 1 | 110 | IV' | I' | $11{ }^{\text {r }}$ | III ${ }^{\text {r }}$ | IV | $1 \times$ | 110 | IV | 15 | II' | III ${ }^{\text {f }}$ | IV' | I | $11{ }^{p}$ |  |
| 74,388 | 75,323 | 77,340 | 78,047 | 78,423 | 79,509 | 79,698 | 72.374 | 71,638 | 73,560 | 75,204 | 74,915 | 76,417 | 77,084 | 150,219 | 152,130 | 156,606 | 158,854 | 162,129 | 164,031 | 165,333 |  |
| 73,042 | 73,355 | 74,854 | 75,829 | 76,255 | 77,602 | 77,818 | 70,821 | 71,045 | 72,627 | 74,156 | 74,138 | 75,699 | 76,492 | 148,938 | 150,918 | 154,986 | 157,437 | 160,548 | 162,729 | 164,083 | 2 |
| 1,346 | 1,968 | 2,486 | 2,217 | 2,168 | 1,908 | 1,879 | 1,554 | 593 | 932 | 1,048 | 777 | 718 | 592 | 1,281 | 1,212 | 1,620 | 1,417 | 1,580 | 1,302 | 1,249 | 3 |
| 52,203 | 52,942 | 54,365 | 54,393 | 54,660 | 55.456 | 55,585 | 51,797 | 50.645 | 52.063 | 53,382 | 52,699 | 53,992 | 54,672 | 111,614 | 112,603 | 116,305 | 117,926 | 120,838 | 122,314 | 123,394 | 4 |
| 3,404 | 3.407 | 3.448 | 3.453 | 3.453 | 3,548 | 3,541 | 3,188 | 3.167 | 3,217 | 3,283 | 3,233 | 3,346 | 3,382 | 7,097 | 7,153 | 7,318 | 7.400 | 7.536 | 7,694 | 7,729 | 5 |
| 496 | 522 | 533 | 530 | 546 | 536 | 548 | 984 | 1.058 | 1,058 | 1,000 | 1,123 | 1,099 | 1,067 | -981 | -9772 | -1,035 | -1,058 | -1,109 | -1,126 | -1,141 | 6 |
| 49,295 | 50,057 | 51,451 | 51,469 | 51,753 | 52,444 | 52,592 | 49,593 | 48,536 | 49,904 | 51,100 | 50,590 | 51.745 | 52,357 | 103,535 | 104,478 | 107,952 | 109,467 | 112,194 | 113,493 | 114,524 | 7 |
| 15,115 | 15,088 | 15,466 | 16,021 | 15,937 | 16,057 | 15,950 | 13,923 | 14,053 | 14,366 | 14,698 | 14,760 | 14,835 | 14,785 | 30,559 | 31,235 | 31,891 | 32,433 | 32,731 | 32,899 | 32,843 | 8 |
| 9,978 | 10,178 | 10,423 | 10,556 | 10,734 | 11,009 | 11,156 | 8,858 | 9,049 | 9,289 | 9,406 | 9,566 | 9,837 | 9,942 | 16,125 | 16,417 | 16,763 | 16,954 | 17,204 | 17,639 | 17,965 | 9 |
| 193 | 187 | 195 | 208 | 244 | 227 | 234 | 165 | 154 | 168 | 165 | 191 | 197 | 176 | 355 | 356 | 364 | 400 | 446 | 405 | 506 | 10 |
| 9,785 | 9,991 | 10,228 | 10,348 | 10,489 | 10,783 | 10,922 | 8,694 | 8,895 | 9,122 | 9,241 | 9,374 | 9,640 | 9,766 | 15,770 | 16,060 | 16,399 | 16,554 | 16,757 | 17,234 | 17,459 | 11 |
| 41,463 | 41,549 | 42,311 | 42,582 | 42,856 | 43,753 | 43,852 | 40,330 | 40.156 | 41,084 | 42,167 | 41,800 | 42,990 | 43,639 | 92,085 | 93,054 | 95,927 | 97,590 | 100,062 | 101,527 | 102,421 | 12 |
| 4,566 | 4.543 | 4,624 | 4.660 | 4.683 | 4,735 | 4,732 | 4,725 | 4.690 | 4,773 | 4,896 | 4,821 | 4,925 | 4,975 | 9,166 | 9,188 | 9,418 | 9,585 | 9,771 | 9,844 | 9,894 | 13 |
| 6,174 | 6,850 | 7.431 | 7.150 | 7.122 | 6,968 | 7,002 | 6,742 | 5,799 | 6,206 | 6,319 | 6,079 | 6,077 | 6,059 | 10,362 | 10,361 | 10,960 | 10,751 | 11,006 | 10,942 | 11,078 | 14 |
| 1,008 | 1,636 | 2,152 | 1.883 | 1.834 | 1,568 | 1,530 | 1,234 | 261 | 586 | 690 | 414 | 347 | 205 | 828 | 730 | 1,110 | 885 | 1,038 | 748 | 674 | 15 |
| 5,166 | 5,214 | 5.278 | 5,268 | 5,288 | 5.400 | 5,472 | 5,507 | 5,538 | 5,620 | 5,629 | 5,665 | 5,731 | 5,853 | 9.534 | 9,631 | 9,850 | 9,865 | 9,968 | 10,194 | 10,404 | 16 |
| 1,346 | 1,968 | 2.486 | 2,217 | 2,168 | 1,908 | 1,879 | 1,554 | 593 | 932 | 1,048 | 777 | 718 | 592 | 1,281 | 1,212 | 1,620 | 1,417 | 1,580 | 1,302 | 1,249 | 17 |
| 50,858 | 50,974 | 51,879 | 52,175 | 52,492 | 53.548 | 53,706 | 50,243 | 50,051 | 51,131 | 52,335 | 51,922 | 53,274 | 54,080 | 110,333 | 111,391 | 114,685 | 116,509 | 119,258 | 121,012 | 122,144 | 18 |
| 42,499 | 42,556 | 43,146 | 43,570 | 43,762 | 44,818 | 44,930 | 41,407 | 40,963 | 42,061 | 43,212 | 42,953 | 43,972 | 44,665 | 95,907 | 96,747 | 99,600 | 101,482 | 104,034 | 105,536 | 106,435 | 19 |
| 389 | 396 | 369 | 372 | 382 | 390 | 400 | 351 | 359 | 354 | 358 | 357 | 372 | 386 | 577 | 579 | 577 | 577 | 580 | 604 | 628 | 20 |
| 104 | 104 | 106 | 102 | 98 | 104 | 102 | 408 | 446 | 481 | 492 | 511 | 499 | 524 | 427 | 430 | 443 | 442 | 431 | 399 | 383 | 21 |
| -3,292 | 3,375 | 3,319 | 3,238 | 3,207 | 3,390 | 3,397 | 3,082 | 3,155 | 3,159 | 3,179 | 3,220 | 3.179 | 3,320 | 7,095 | 7,270 | 7.426 | 7,397 | 7,542 | 7,891 | 8.040 | 22 |
| 10.424 | 10,282 | 10,753 | 10,821 | 10,985 | 11,137 | 11,020 | 8,987 | 8,670 | 8,892 | 8,941 | 9,138 | 9,607 | 9,642 | 21,575 | 21,263 | 21,892 | 22,387 | 23,247 | 23,269 | 22,912 | 23 |
| 6,439 | 6,330 | 6.701 | 6,742 | 6,965 | 6,977 | 6,810 | 5,735 | 5,501 | 5,756 | 5,709 | 5,942 | 6,342 | 6,375 | 12,844 | 12,677 | 13.128 | 13,522 | 14,342 | 14,095 | 13,915 | 24 |
| 3,985 | 3,953 | 4,052 | 4,079 | 4,020 | 4,160 | 4,210 | 3,252 | 3,169 | 3,136 | 3,232 | 3,196 | 3,265 | 3,267 | 8,731 | 8,585 | 8,764 | 8,865 | 8,905 | 9,174 | 8,997 | 25 |
| 3,467 | 3,472 | 3.408 | 3,602 | 3,612 | 3,613 | 3,629 | 5,178 | 4,760 | 5,131 | 5,995 | 5,079 | 5,127 | 5,214 | 7,064 | 7,252 | 7,272 | 7,545 | 7,580 | 7,690 | 7,695 | 26 |
| 3.866 | 3,574 | 3.646 | 3,588 | 3,571 | 3,708 | 3,728 | 3,535 | 3,590 | 3,637 | 3,690 | 3,732 | 3,779 | 3,802 | 8,505 | 8.673 | 8,944 | 8,958 | 9,341 | 9,589 | 9,705 | 27 |
| 4,815 | 4,886 | 4,952 | 4,975 | 5,018 | 5,071 | 5,065 | 4,723 | 4,802 | 4,819 | 4,865 | 4,883 | 4,973 | 5,046 | 10,120 | 10,237 | 10,497 | 10,566 | 10,683 | 11,052 | 11,141 | 28 |
| 4,236 | 4,250 | 4,294 | 4,371 | 4,173 | 4,318 | 4,428 | 3,403 | 3,300 | 3,457 | 3,464 | 3,443 | 3,395 | 3,497 | 10,198 | 10,376 | 10,616 | 11,213 | 10,990 | 11,562 | 11,895 | 29 |
| 11,905 | 12,216 | 12,299 | 12.500 | 12,716 | 13,089 | 13,162 | 11,740 | 11,881 | 12,130 | 12,228 | 12,590 | 13,040 | 13,235 | 30,345 | 30,669 | 31,932 | 32,396 | 33,639 | 33,480 | 34,038 | 30 |
| 8,359 | 8.418 | 8,733 | 8,605 | 8,730 | 8,730 | 8,776 | 8,836 | 9,088 | 9,070 | 9,123 | 8,970 | 9,302 | 9,415 | 14,426 | 14,643 | 15,085 | 15,027 | 15,224 | 15,475 | 15,709 | 31 |
| 1,110 | 1,159 | 1,214 | 1,189 | 1,152 | 1,197 | 1,209 | 1,518 | 1.591 | 1,717 | 1,615 | 1,568 | 1,593 | 1,643 | 2,025 | 2,113 | 2,287 | 2,209 | 2,103 | 2,122 | 2,146 | 32 |
| 203 | 216. | 217 | 225 | 224 | 235 | 236 | 1,020 | 1,072 | 1,065 | 1,076 | 1,091 | 1,092 | 1,076 | 303 | 313 | 310 | 316 | 313 | 327 | 327 | 33 |
| 7,046 | 7,043 | 7,302 | 7.191 | 7,354 | 7,297 | 7,331 | 6,298 | 6,425 | 6,288 | 6,433 | 6,310 | 6,617 | 6,697 | 12,098 | 12,218 | 12,489 | 12,503 | 12,808 | 13,026 | 13,236 | 34 |
| North Dakota |  |  |  |  |  |  | South Dakota |  |  |  |  |  |  | Southeast |  |  |  |  |  |  | Line |
| 1999 | 2000 |  |  |  | 2001 |  | 1999 | 2000 |  |  |  | 2001 |  | 1999 | 2000 |  |  |  | 2001 |  |  |
| IV' | $1{ }^{\text {r }}$ | $11{ }^{\text {r }}$ | III' | IV' | 1 ' | 110 | IV, | $I^{r}$ | If | III' | IV | 1 | 110 | IV' | $1 \times$ | II' | III' | IV | Ir | $H^{p}$ |  |
| 15,261 | 15,546 | 16,075 | 16,069 | 15,971 | 16,611 | 16,636 | 18,921 | 19,194 | 19,727 | 19,771 | 19,943 | 19,976 | 20,085 | 1,740,374 | 1,774,540 | 1,812,551 | 1,831,608 | 1,862,368 | 1,891,180 | 1,906,814 |  |
| 14,861 | 14,968 | 15,076 | 15,435 | 15,452 | 15,842 | 15,912 | 17,872 | 17,997 | 18,311 | 18,586 | 18,699 | 18,921 | 19,071 | 1,727,501 | 1,759,391 | 1,797,721 | 1,816,874 | 1,847,827 | 1,875,679 | 1,891,859 | 2 |
| 400 | 578 | 999 | 634 | 519 | 769 | 724 | 1,048 | 1,197 | 1,416 | 1,185 | 1,245 | 1,055 | 1,014 | 12,874 | 15,149 | 14,830 | 14,733 | 14,541 | 15,500 | 14,955 | 3 |
| 10,698 | 11,049 | 11,427 | 11,260 | 11,162 | 11,742 | 11,751 | 13,164 | 13,427 | 13,811 | 13,675 | 13,836 | 13,752 | 13,854 | 1,218,186 | 1,240,346 | 1,266,621 | 1,279,089 | 1,301,340 | 1,321,283 | 1,333,266 | 4 |
| 703 | 714 | 706 | 718 | 715 | 742 | 743 | 825 | 831 | 837 | 839 | 842 | 853 | 859 | 7,21,069 | 1,24,3,230 | -76,376 | 76,778 | 1,37,740 | 179,458 | 79,882 | 5 |
| -358 | -366 | -353 | -364 | -358 | -373 | -373 | -228 | -227 | -230 | -232 | -233 | -230 | -233 | 9,293 | 9,341 | 9,189 | 9,256 | 9,854 | 10,141 | 10,338 | 6 |
| 9,638 | 9,969 | 10,368 | 10,177 | 10,089 | 10,626 | 10,635 | 12,111 | 12,369 | 12,744 | 12,605 | 12,761 | 12,669 | 12,762 | 1,153,410 | 1,174,457 | †,199,434 | 1,211,567 | 1,233,455 | 1,251,966 | 1,263,722 | 7 |
| 3,270 | 3,164 | 3,234 | 3,383 | 3,325 | 3,359 | 3,327 | 4,307 | 4,271 | 4,373 | 4,526 | 4,502 | 4.545 | 4,520 | 335.810 | 344,022 | 351,014 | 355,289 | 360,087 | 360,970 | 360,429 | 8 |
| 2,353 30 | 2,413 32 | 2,473 26 | 2,509 27 | 2,556 36 | 2,626 31 | 2,673 44 | 2,503 12 | 2,555 13 | 2,611 11 | 2,641 14 | 2,680 18 | 2,762 17 | 2,802 18 | 251,154 3,080 | 256,062 2,983 | 262,104 3,114 | 264,751 3,331 | 268,826 3,802 | 278,243 3,993 | 282,662 4,043 | 9 ${ }^{9}$ |
| 2,323 | 2,381 | 2,447 | 2,482 | 2,521 | 2.595 | 2,629 | 2,491 | 2,542 | 2,600 | 2,627 | 2,662 | 2,745 | 2,784 | 248,074 | 253,079 | 258,990 | 261,420 | 265,025 | 274,251 | 278,619 | 11 |
| 8,216 | 8,365 | 8,327 | 8,512 | 8,525 | 8,801 | 8,843 | 9,437 | 9,526 | 9,661 | 9,741 | 9,835 | 9,901 | 10,018 | 974,181 | 991,547 | 1,013,927 | 1,025,034 | 1,044,761 | 1,061,129 | 1,071,371 | 12 |
| 1.008 | 1,027 | 1,017 | 1,041 | 1,042 | 1,074 | 1,076 | 1,153 | 1,163 | 1,168 | 1,182 | 1,188 | 1,204 | 1,214 | 117,757 | 119,004 | '121,114 | 122,338 | 124,139 | 124,826 | 125,461 | 13 |
| 1.475 | 1,658 | 2,083 | 1.707 | 1,594 | 1,866 | 1,832 | 2,574 | 2,737 | 2,982 | 2,753 | 2,813 | 2,646 | 2.623 | 126,248 | 129,795 | 131,580 | 131,717 | 132,440 | 135,328 | 136,433 | 14 |
| , 273 | . 446 | , 861 | 491 | 374 | . 621 | 571 | 933 | 1.077 | 1,292 | 1,057 | 1,115 | 923 | 876 | 9,886 | 12,209 | 11,876 | 11.776 | 11,590 | 12.506 | 11,888 | 15 |
| 1,203 | 1,212 | 1,222 | 1.216 | 1,220 | 1,245 | 1,262 | 1,641 | 1,660 | 1,690 | 1,696 | 1,698 | 1,724 | 1,746 | 116,362 | 117,586 | 119,704 | 119,941 | 120,850 | 122,822 | 124,545 | 16 |
| 400 | 578 | 999 | 634 | 519 | 769 | 724 | 1,048 | 1,197 | 1,416 | 1,185 | 1,245 | 1,055 | 1,014 | 12,874 | 15,149 | 14,830 | 14,733 | 14,541 | 15,500 | 14,955 | 17 |
| 10,298 | 10,471 | 10,428 | 10,625 | 10,643 | 10,973 | 11,027 | 12,115 | 12,230 | 12,394 | 12,490 | 12,591 | 12,696 | 12,840 | 1,205,312 | 1,225,196 | 1,251,791 | 1,264,356 | 1,286,799 | 1,305,783 | 1,318,311 | 18 |
| 8,089 | 8.201 | 8,154 | 8,337 | 8,344 | 8,543 | 8,586 | 9,924 | 9,978 | 10,125 | 10,199 | 10,297 | 10,225 | 10,340 | -986,438 | 1,001,488 | 1,021,927 | 1,035,442 | 1,054,871 | 1,073,967 | 1,084,171 | 19 |
| 88 | 87 | 84 | 87 | 89 | 94 | 97 | 111 | 111 | 111 | 110 | 110 | 109 | 111 | 8,798 | 8,971 | 8,858 | 8,928 | 8,974 | 9,164 | 9,482 | 20 |
| 193 | 191 | 207 | 201 | 205 | 212 | 211 | 58 | 53 | 55 | 53 | 50 | 47 | 58 | 8,934 | 9,443. | 9,404 | 9,296 | 9,313 | 9,726 | 10,164 | 21 |
| 816 | 812 | 763 | 717 | 706 | 754 | 743 | 815 | 839 | 860 | 867 | 844 | 861 | 863 | 77,739 | 80,496 | 80,746 | 81,215 | 82,601 | 84,768 | 84,261 | 22 |
| 851 | 851 | 853 | 913 | 905 | 928 | 921 | 1,798 | 1,827 | 1,765 | 1,853 | 1.837 | 1,784 | 1.768 | 184,084 | 182,887 | 186, 194 | 187,988 | 190,304 | 193,785 | 193,267 | 23 |
| 550 | 549 | 546 | 600 | 600 | 605 | 605 | 1,308 | 1,278 | 1,257 | 1,341 | 1,321 | 1,216 | 1,198 | 100,963 | 99,958 | 102,227 | 104,022 | 106,068 | 107,538 | 107,621 | 24 |
| 301 | 302 | 307 | 313 | 305 | 322 | 316 | 490 | '549 | 507 | 512 | '516 | 568 | 570 | 83,120 | 82,929 | 83,967 | 83,967 | 84,236 | 86,247 | 85,646 | 25 |
| 876 | 922 | 885 | 923 | 925 | 976 | 981 | 846 | 868 | 857 | 875 | 900 | 911 | 921 | 88,237 | 90,425 | 92,391 | 92,510 | 96,062 | 97,066 | 96,664 | 26 |
| 829 | 820 | 829 | 825 | 847 | 878 | 883 | 747 | 749 | 760 | 768 | 794 | 885 | 880 | 75,859 | 77,063 | 78,426 | 80,174 | 81,637 | 82,185 | 83,226 | 27 |
| 1.019 | 1,041 | 1,038 | 1,055 | 1.070 | 1,093 | 1,096 | 1,261 | 1,293 | 1,299 | 1,314 | 1,332 | 1,333 | 1.350 | 118,613 | 120,537 | 121,113 | 123,252 | 124,959 | 126,962 | 128,132 | 28 |
| 672 | 661 | 698 | 698 | 682 | 671 | 685 | 1,003 | 966 | 1,052 | 1,066 | 1,036 | 1,036 | 1,083 | 90,857 | 90,030 | 93,339 | 94,652 | 94,304 | 93,440 | 96,067 | 29 |
| 2,746 | 2,815 | 2,799 | 2,920 | 2,915 | 2,936 | 2,967 | 3,285 | 3,272 | 3,366 | 3,294 | 3,394 | 3,258 | 3,306 | 333,317 | 341,637 | 351,456 | 357,428 | 366,718 | 376,871 | 382,906 | 30 |
| 2,209 | 2,270 | 2,274 | 2,288 | 2,299 | 2,430 | 2,441 | 2,191 | 2,252 | 2,270 | 2,291 | 2,294 | 2,472 | 2,500 | 218,875 | 223,708 | 229,864 | 228,914 | 231,928 | 231,816 | 234,140 | 31 |
| 454 | 497 | 478 | 478 | 485 | 498 | 507 | 588 | 632 | 629 | 617 | 624 | 626 | 637 | 43,897 | 45,910 | 47,883 | 47,150 | 46,630 | 47,453 | 47,889 | 32 |
| 429 | 438 | 437 | 445 | 439 | 450 | 447 | 224 | 232 | 232 | 239 | 237 | 247 | 244 | 28,425 | 29,635 | 29,506 | 30,344 | 30,312 | 31,166 | 31,006 | 33 |
| 1,326 | 1,335 | 1,359 | 1,365 | 1,376 | 1,482 | 1,487 | 1,380 | 1,387 | 1,408 | 1,436 | 1,433 | 1,599 | 1,619 | 146,552 | 148,162 | 152,475 | 151,420 | 154,986 | 153,198 | 155,245 | 34 |

and Earnings by Industry ${ }^{1}$, 1999:IV-2001:II—Continued
adjusted at annual rates]

| Florida |  |  |  |  |  |  | Georgia |  |  |  |  |  |  | Kentucky |  |  |  |  |  |  | Line |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 | 2000 |  |  |  | 2001 |  | 1999 | 2000 |  |  |  | 2001 |  | 1999 | 2000 |  |  |  | 2001 |  |  |
| IV' | 1 | $11 /$ | III' | IV' | 1 r | 118 | IV ${ }^{\text {r }}$ | $I^{\prime}$ | $11 /$ | 111 | IV ${ }^{\text {r }}$ | 15 | 110 | IV' | I | $11{ }^{1}$ | III' | IV' | 1 | $11{ }^{\circ}$ |  |
| 423,840 | 434,332 | 444,037 | 450,034 | 459,645 | 465,159 | 470,691 | 218,305 | 222,998 | 227,472 | 229,956 | 234,344 | 237,212 | 239,561 | 93,043 | 95,335 | 96,771 | 98,117 | 99,556 | 101,367 | 101,872 | 1 |
| 420,936 | 431,448 | 440,876 | 447,196 | 456,310 | 461,835 | 467,571 | 216,383 | 221,098 | 225,482 | 228,130 | 232,356 | 235,334 | 237,726 | 92,318 | 93,612 | 95,542 | 96,762 | 97,927 | 99,653 | 100,082 | 2 |
| 2,904 | 2,883 | 3,161 | 2,838 | 3,335 | 3,324 | 3,120 | 1,922 | 1,900 | 1,990 | 1,826 | 1,988 | 1,878 | 1,835 | -725 | 1,723 | 1,229 | 1,355 | 1,629 | 1,714 | 1,790 | 3 |
| 266,148 | 273,381 | 279,734 | 284,046 | 291,467 | 294,611 | 299,373 | 168,241 | 171,898 | 175,326 | 177,374 | 180,929 | 182,927 | 184,793 | 66,069 | 67,578 | 68,174 | 69,054 | 69,937 | 71,192 | 71,399 | 4 |
| 16,589 | 17,050 | 17,295 | 17,506 | 17,845 | 18,177 | 18,420 | 9,716 | 9,929 | 10,062 | 10,142 | 10,282 | 10,467 | 10,529 | 4,054 | 4,076 | 4,119 | 4,145 | 4,159 | 4,259 | 4,249 | 5 |
| 985 | 1,001 | 1,022 | 1,027 | 1,049 | 1,062 | 1,060 | -490 | -511 | -518 | -540 | -562 | -587 | -593 | -844 | -884 | -892 | -928 | -939 | -948 | -914 | 6 |
| 250,544 | 257,333 | 263,461 | 267,567 | 274,671 | 277,496 | 282,012 | 158,035 | 161,458 | 164,746 | 166,692 | 170,084 | 171,873 | 173,671 | 61,172 | 62,617 | 63,163 | 63,982 | 64,838 | 65,985 | 66,237 | 7 |
| 108,949 | 111,333 | 113,380 | 114,572 | 116,078 | 116,424 | 116,388 | 36,249 | 37,010 | 37,578 | 37,829 | 38,406 | 38,563 | 38,638 | 16,032 | 16,519 | 16,976 | 17,292 | 17.561 | 17,605 | 17,574 | 8 |
| $\begin{array}{r} 64,347 \\ 665 \end{array}$ | 65,665 666 | 67.196 651 | 67,895 684 | 68,896 748 | 71,239 777 | 72,291 734 | 24,020 291 | 24,530 281 | 25,147 293 | 25,435 311 | 25,854 364 | 26,776 406 | 27,252 466 | 15,840 244 | 16.199 242 | 16,633 252 | 16,843 | 17,156 334 | 17,777 329 | 18,061 317 | ${ }^{9} 10$ |
| 63,683 | 65,000 | 66,545 | 67,211 | 68,149 | 70,462 | 71,557 | 23,729 | 24,249 | 24,855 | 25,124 | 25,490 | 26,370 | 26,786 | 15,596 | 15,957 | 16,381 | 16,565 | 16,822 | 17,448 | 17,744 | 11 |
| 214,565 | 221,222 | 226,269 | 230,551 | 236,711 | 239,607 | 243,839 | 134,050 | 137,292 | 140,114 | 142,027 | 144,949 | 146,626 | 148,122 | 52,870 | 53,250 | 54,166 | 54,783 | 55,325 | 56,298 | 56,404 | 12 |
| 25,471 | 25,864 | 26,310 | 26,580 | 27,191 | 27,113 | 27,446 | 15,578 | 15,833 | 16,021 | 16,227 | 16,486 | 16,508 | 16,646 | 6,779 | 6,818 | 6,900 | 7,047 | 7,061 | 7,145 | 7,129 | 13 |
| 26,111 | 26,295 | 27,155 | 26,914 | 27,565 | 27,891 | 28,088 | 18,613 | 18,773 | 19,190 | 19,120 | 19,494 | 19.792 | 20,025 | 6,420 | 7,509 | 7,108 | 7,224 | 7.550 | 7,750 | 7.866 | 14 |
| 2,060 | 2,013 | 2,275 | 1,940 | 2.433 | 2,410 | 2,188 | 1,673 | 1,643 | 1,726 | 1,556 | 1,715 | 1,602 | 1,552 | 519 | 1,534 | 1,042 | 1,170 | 1,446 | 1,528 | 1,600 | 15 |
| 24,051 | 24,282 | 24,880 | 24,974 | 25,132 | 25,481 | 25,900 | 16,940 | 17,130 | 17,464 | 17,564 | 17,780 | 18,191 | 18,472 | 5,901 | 5,975 | 6,065 | 6,054 | 6.105 | 6,221 | 6,267 | 16 |
| 2,904 | 2,883 | 3,161 | 2,838 | 3,335 | 3,324 | 3,120 | 1,922 | 1,900 | 1,990 | 1,826 | 1,988 | 1.878 | 1,835 | 725 | 1,723 | 1,229 | 1,355 | 1,629 | 1,714 | 1,790 | 17 |
| 263,244 | 270,498 | 276,573 | 281,208 | 288,132 | 291,287 | 296,252 | 166,319 | 169,999 | 173,336 | 175,548 | 178,941 | 181,048 | 182,958 | 65,344 | 65,855 | 66,945 | 67,700 | 68,308 | 69,478 | 69.610 | 18 |
| 218,863 | 225,481 | 229,718 | 235,266 | 240,713 | 245,314 | 249,624 | 140,356 | 143,270 | 146,127 | 148,252 | 151,354 | 153,421 | 154,790 | 53,450 | 53,708 | 54,636 | 55,012 | 55,861 | 56,686 | 56,731 | 19 |
| 2,717 | 2,736 | 2,763 | 2,824 | 2,781 | 2,740 | 2,815 | 994 | 1,047 | 1,029 | 1,027 | 1,040 | 1,095 | 1,136 | 487 | 496 | 495 | 478 | 478 | 492 | 508 | 20 |
| 385 | ( ${ }^{\circ}$ | (0) | (9) | (9) | (J) | 19 | 425 | 444 | 437 | 420 | 414 | 422 | 438 | 1,302 | 1,265 | 1,306 | 1,267 | 1,247 | 1,242 | 1.301 | 21 |
| 16,012 | 17,049 | 17,084 | 17,492 | 17,965 | 18,486 | 18,474 | 10,120 | 10,380 | 10,441 | 10.515 | 10,754 | 11,301 | 11,137 | 4.106 | 4,242 | 4,216 | 4,112 | 4,170 | 4,323 | 4.176 | 22 |
| 20,613 | 20,606 | 20,844 | 21,852 | 22,042 | 22,626 | 22,751 | 24,692 | 25,263 | 25,147 | 25,309 | 25,463 | 25,814 | 25,775 | 13,682 | 13,493 | 13,739 | 13,849 | 14,123 | 14,399 | 14,274 | 23 |
| 13,125 | 13,224 | 13,249, | 14,066 | 14,155 | 14,580 | 14,737 | 11,491 | 11,548 | 11,768 | 12,073 | 12,134 | 12,302 | 12,764 | 8,853 | 8,680 | 8.853 | 8,926 | 9.154 | 9,350 | 9,309 | 24 |
| 7,487 | 7,381 | 7,595 | 7,786 | 7,887 | 8,046 | 8,014 | 13,201 | 13,714 | 13,379 | 13,236 | 13,329 | 13,512 | 13,011 | 4.829 | 4,813 | 4.886 | 4,924 | 4,969 | 5,049 | 4,966 | 25 |
| 16,826 | 17,659 | 17,581 | 18,211 | 18,750 | 19,368 | 19,499 | 16,910 | 17,267 | 18,084 | 17,904 | 19,055 | 18,228 | 18,217 | 5,146 | 5,255 | 5,323 | 5,256 | 5,570 | 5,470 | 5,342 | 26 |
| 17,515 | 18,023 | 18,399 | 18,898 | 19,346 | 19,427 | 19,792 | 14,405 | 14,776 | 14,921 | 15,345 | 15,403 | 15,539 | 15,805 | 3,650 | 3,710 | 3,765 | 3,880 | 3,946 | 4,087 | 4,165 | 27 |
| 29,074 | 29,403 | 29,858 | 30,687 | 31,405 | 31,879 | 32,290 | 15,024 | 15,192 | 15.486 | 15.655 | 16,018 | 16,114 | 16,329 | 6.475 | 6.554 | 6,594 | 6,638 | 6,686 | 6,763 | 6,777 | 28 |
| 27,037 | 26,746 | 27,879 | 27,899 | 27,789 | 27.599 | 28,556 | 12,904 | 13,142 | 13,161 | 13,763 | 13,671 | 13,712 | 14,105 | 3,439 | 3,580 | 3,699 | 3,769 | 3,686 | 3,731 | 3,811 | 29 |
| 88,686 | 92,332 | 94,852 | 96,929 | 100,208 | 102,755 | 104,996 | 44,882 | 45,760 | 47,422 | 48,312 | 49,536 | 51,197 | 51,848 | 15,163 | 15,114 | 15,500 | 15,763 | 15,954 | 16,179 | 16,377 | 30 |
| 44,381 | 45,017 | 46,855 | 45,942 | 47,419 | 45,973 | 46,628 | 25,963 | 26,729 | 27,209 | 27,297 | 27,587 | 27,628 | 28,168 | 11,894 | 12,147 | 12,308 | 12,688 | 12,447 | 12,792 | 12,878 | 31 |
| 7,441 | 7.758 | 8.214 | 7,861 | 7,832 | 7,972 | 8,063 | 5,682 | 5,961 | 6,148 | 6,066 | 6,098 | 6,172 | 6,255 | 2,051 | 2,125 | 2.167 | 2,174 | 2,048 | 2,005 | 1,970 | 32 |
| 4.157 | 4.271 | 4,275 | 4,414 | 4,428 | 4,564 | 4,522 | 3,443 | 3,624 | 3,594 | 3,711 | 3,714 | 3,835 | 3,871 | 1.738 | 1,864 | 1,849 | 1,907 | 1,896 | 1,959 | 1,952 | 33 |
| 32,783 | 32,987 | 34,365 | 33,667 | 35,159 | 33,437 | 34,044 | 16,838 | 17,143 | 17,467 | 17.520 | 17,775 | 17,621 | 18,041 | 8,105 | 8,158 | 8,292 | 8,606 | 8,504 | 8,828 | 8,957 | 34 |
| North Carolina |  |  |  |  |  |  | South Carolina |  |  |  |  |  |  | Tennessee |  |  |  |  |  |  | Line |
| 1999 | 2000 |  |  |  | 2001 |  | 1999 | 2000 |  |  |  | 2001 |  | 1999 | 2000 |  |  |  | 2001 |  |  |
| IV | $1 '$ | $11{ }^{\prime}$ | III' | IV' | $1 /$ | $11 \beta$ | IV ${ }^{\text {r }}$ | $1^{\prime}$ |  | III' | IV' | $1{ }^{1}$ | 110 | IV' | 1 | 11. | 117 | IV' | ${ }^{\prime}$ | $11{ }^{\circ}$ |  |
| 205,773 | 210,878 | 216,158 | 218,512 | 222,497 | 226,315 | 227,472 | 92.828 | 94,047 | 96,332 | 96,910 | 98,355 | 100,191 | 101,054 | 141,828 | 144,517 | 147,045 | 148,763 | 150,682 | 153,393 | 154,843 | 1 |
| 203,826 | 207,821 | 213,077 | 215,576 | 219,059 | 222,772 | 224,164 | 92,445 | 93,481 | 95,761 | 96,407 | 97,778 | 99,612 | 100,483 | 141,855 | 144,194 | 146,802 | 148,589 | 150,363 | 153,062 | 154,507 | 2 |
| 1,947 | 3,057 | 3,080 | 2,937 | 3,438 | 3,544 | 3,308 | 383 | 566 | 571 | 503 | 577 | 580 | 571 | -26 | 323 | 243 | 174 | 320 | 330 | 336 | 3 |
| 150,572 | 153,932 | 157,718 | 159,236 | 162,224 | 164,929 | 165,518 | 65,224 | 65,757 | 67.407 | 67,602 | 68,557 |  | 70,384 | 106,189 |  | 109,025 | 110,103 | 111,280 | 113,230 | 114,446 |  |
| 9,359 | 9,490 | 9,667 | 9,727 | 9,834 | 10,067 | 10,071 | 4,000 | 4,016 | 4,092 | 4,085 | 4,117 | 4,226 | 4,244 | 6,454 | 6,522 | 6,563 | 6,608 | 6,633 | 6,797 | 6,841 | 5 |
| -863 | -879 | -897 | -910 | -924 | -933 | -928 | 1,136 | 1,155 | 1,177 | 1,212 | 1,241 | 1,276 | 1,279 | -1,121 | -1,109 | -1,125 | -1,139 | -1,152 | -1,148 | -1,185 | 6 |
| 140,349 | 143,563 | 147,154 | 148,599 | 151,466 | 153,929 | 154,519 | 62,359 | 62,897 | 64,493 | 64,729 | 65,681 | 66,851 | 67,420 | 98,614 | 100,085 | 101,336 | 102,356 | 103,495 | 105,286 | 106,419 | 7 |
| 37,899 | 39,248 | 40,245 | 40,883 | 41,502 | 41,602 | 41,507 | 16,471 | 16,905 | 17,275 | 17,497 | 17,760 | 17,807 | 17,794 | 21,376 | 22,006 | 22,564 | 22,906 | 23,212 | 23,194 | 23,076 | 8 |
| 27,524 | 28,067 | 28,758 | 29,030 | 29,529 | 30,784 | 31,446 | 13,999 | 14,245 | 14,564 | 14,684 | 14,914 | 15,534 | 15,840 | 21,838 | 22,426 | 23,145 | 23.502 | 23,975 | 24.913 | 25,347 | 9 |
| 455 | 427 | 437 | 476 | 552 | 586 | 671 | 188 | 176 | 183 | 208 | 243 | 268 | 294 | 305 | 303 | 339 | 370 | 434 | 449 | 448 | 10 |
| 27,069 | 27,640 | 28,322 | 28,554 | 28,977 | 30,197 | 30,775 | 13,811 | 14,069 | 14,381 | 14,476 | 14,671 | 15,265 | 15,546 | 21,534 | 22,123 | 22,806 | 23,132 | 23,542 | 24,463 | 24,899 | 11 |
| 122,092 | 123,967 | 127,092 | 128,529 | 130,751 | 133,005 | 133,630 | 53,146 | 53,442 | 54,825 | 55,024 | 55,813 | 56,932 | 57,413 | 82,813 | 83,828 | 84,917 | 85,946 | 86,814 | 88,401 | 89,356 | 12 |
| 13,996 | 14,143 | 14,430 | 14,616 | 14,754 | 14,899 | 14,895 | 6,325 | 6,333 | 6,494 | 6,560 | 6,602 | 6,667 | 6,699 | 9,122 | 9,138 | 9,214 | 9,362 | 9.420 | 9,519 | 9,584 | 13 |
| 14,485 | 15,821 | 16,196 | 16,091 | 16,719 | 17,024 | 16,993 | 5,752 | 5,982 | 6,089 | 6,018 | 6,143 | 6,203 | 6,272 | 14,253 | 14,750 | 14,894 | 14,796 | 15,046 | 15,311 | 15.505 | 14 |
| 1,480 | 2,618 | 2.651 | ${ }_{2}^{2.518}$ | 3,027 | 3,125 | 2,877 | 271 | 449 | 452 5,637 | 380 5,638 | 453 5.689 | 454 | 443 | -182 14.435 | 178 14.573 | 1401 | 14,761 | 182 14.864 | +1919 | 193 15313 | 15 16 |
| 13,004 | 13,204 | 13,545 | 13,573 | 13,693 | 13,899 | 14,116 | 5,481 | 5,533 | 5,637 | 5,638 | 5,689 | 5,748 | 5,829 | 14,435 | 14,573 | 14,793 | 14,761 | 14,864 | 15,120 | 15,313 | 16 |
| 1,947 | 3,057 | 3,080 | 2,937 | 3,438 | 3,544 | 3,308 | 383 | 566 | 571 | 503 | 577 | 580 | 571 | -26 | 323 | 243 | 174 | 320 | 330 | 336 | 17 |
| 148,625 | 150,875 | 154,638 | 156,299 | 158,786 | 161,385 | 162,210 | 64,841 | 65,192 | 66,836 | 67,099 | 67,980 | 69,221 | 69,813 | 106,215 | 107,394 | 108,782 | 109,929 | 110,961 | 112,900 | 114,110 | 18 |
| 122,266 | 123,763 | 126,831 | 128,275 | 130,713 | 132,907 | 133,545 | 51,864 | 51,960 | 53,204 | 53,242 | 54,237 | 55,329 | 55,771 | 91,840 | 92,695 | 93,985 | 94,893 | 95,887 | 97,573 | 98,588 | 19 |
| 1,055 | 1,084 | 1,074 | 1,090 | 1,126 | 1,145 | 1,191 | 435 | 441 | 437 | 424 | 439 | 443 | 458 | 545 | 570 | 542 | 557 | 550 | 571 | 593 | 20 |
| 218 | 223 | 230 | 224 | 223 | 232 | 241 | 88 | 87 | 91 | 83 | 85 | 82 | 86 | 262 | 250 | 281 | 264 | 252 | 259 | 263 | 21 |
| 10,437 | 10,623 | 10,881 | 10,890 | 11,088 | 11,309 | 11,315 | 4,638 | 4,737 | 4,771 | 4,773 | 4,925 | 4,926 | 4,902 | 7,069 | 7,387 | 7,285 | 7,097 | 7.114 | 7.269 | 7,185 | 22 |
| 32,016 | 31,681 | 32.766 | 33,167 | 33,811 | 33,425 | 32,872 | 13,480 | 13,377 | 13,831 | 13,884 | 14,129 | 14,302 | 14,396 | 20,970 | 20,555 | 20,970 | 21,095 | 21,233 | 21,340 | 21,307 | 23 |
| 16,899 | 16,706 | 17,379 | 17,694 | 18,197 | 17,909 | 17,621 | 6,243 | 6,161 | 6,450 | 6,637 | 6,852 | 6,961 | 7,000 | 12,745 | 12.420 | 12,717 | 12,765 | 12,984 | 12,752 | 12,720 | 24 |
| 15,117 | 14,975 | 15,387 | 15,472 | 15,614 | 15,516 | 15,250 | 7,237 | 7,215 | 7,380 | 7,247 | 7,277 | 7,341 | 7,396 | 8,224 | 8,135 | 8,253 | 8,330 | 8,249 | 8,588 | 8,587 | 25 |
| 8,710 | 8,958 | 9.061 | 9,100 | 9,371 | 9,863 | 9,637 | 4,259 | 4,328 | 4,366 | 4,445 | 4,564 | 4,664 | 4,653 | 8,203 | 8,292 | 8,439 | 8.598 | 8,830 | 8,788 | 8.830 | 26 |
| 8,860 | 9,016 | 9,281 | 9,323 | 9.581 | 9,889 | 10,023 | 3,362 | 3,370 | 3,470 | 3,508 | 3,596 | 3,546 | 3,571 | 6,978 | 6.963 | 6,993 | 7,160 | 7,224 | 7,405 | 7.459 | 27 |
| 14,187 | 14,387 | 14,531 | 14,630 | 14,739 | 15,308 | 15,531 | 6,993 | 7,079 | 7,049 | 7,087 | 7,170 | 7,302 | 7,357 | 10,960 | 11,199 | 11,146 | 11,391 | 11,503 | 11,539 | 11,664 | 28 |
| 11,330 | 11,294 | 11,827 | 12,032 | 11,953 | 11,736 | 11,999 | 4,112 | 3,943 | 4,149 | 4,106 | 4,055 | 4,070 | 4,166 | 7,618 | 7,412 | 7,847 | 8,135 | 8,026 | 7,704 | 7,918 | 29 |
| 35,453 | 36,497 | 37,180 | 37,818 | 38,821 | 40,000 | 40,737 | 14,496 | 14,597 | 15,039 | 14,931 | 15,274 | 15,993 | 16,183 | 29,237 | 30,068 | 30,481 | 30,596 | 31,156 | 32,698 | 33,369 | 30 |
| 26,359 | 27,112 | 27,807 | 28,024 | 28,072 | 28,478 | 28,665 | 12,977 | 13,232 | 13,632 | 13,857 | 13,744 | 13,892 | 14,042 | 14,375 | 14,699 | 14,797 | 15,036 | 15,073 | 15,327 | 15,522 | 31 |
| 3,451 | 3.639 | 3,975 | 3,817 | 3,615 | 3,681 | 3,705 | 1,677 | 1,687 | 1,895 | 1,808 | 1,741 | 1,784 | 1,824 | 3,243 | 3,326 | 3,496 | 3,574 | 3,516 | 3,645 | 3,735 | 32 |
| 4,578 | 4,799 | 4,732 | 4,837 | 4,812 | 4,973 | 4,984 | 1,946 | 2,026 | 2,035 | 2,075 | 2,062 | 2,064 | 2,051 | 436 | 477 | 479 | 487 | 497 | 527 | 516 | 33 |
| 18,331 | 18,675 | 19,100 | 19,370 | 19,645 | 19,823 | 19,976 | 9,355 | 9,518 | 9,702 | 9,974 | 9,940 | 10,044 | 10,166 | 10,696 | 10,896 | 10,821 | 10,975 | 11,060 | 11,154 | 11,271 | 34 |

and Earnings by Industry', 1999:IV-2001:II—Continued
adjusted at annual rates]


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

${ }^{\rho}$ Preliminary
Revised
total
The estimates of earnings for 1990-2001 are based on the 1987 Stantard Inductrial Classification (SIC)
Personal contributions for social insurance are included in earnings by type and industry, but they a
excluded from personal income.
3. The adjustment for residence is the net inflow of the earnings of interarea commuters. For the United States, it consists of adjustments for border workers: Wage and salary disbursements to U.S. residents commuting to Canada less wage and salary disbursements to Canadian and Mexican residents commuting into 4. Pental incom
and Earnings by Industry1, 1999:IV-2001:II-Continued
adjusted at annual rates]

| Wyoming |  |  |  |  |  |  | Far West |  |  |  |  |  |  | Alaska |  |  |  |  |  |  | Line |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 | 2000 |  |  |  | 2001 |  | 1999 | 2000 |  |  |  | 2001 |  | 1999 | 2000 |  |  |  | 2001 |  |  |
| IV' | 1 | $11 /$ | II' ${ }^{\prime}$ | IV' | Ir | 118 | IV | 1 | I' | III' | IV' | 15 | 118 | IV | 1 | $11 /$ | ill | IV' | 1 | 110 |  |
| 13,062 | 13,262 | 13,472 | 13,587 | 13,980 | 14,010 | 14,166 | 1,408,738 | 1,443,489 | 1,474,105 | 1,503,295 | 1,523,417 | 1,538,194 | 1,554,475 | 17,796 | 18,215 | 18,499 | 18,792 | 18,942 | 19,260 | 19,423 |  |
| 12,908 | 13,150 | 13,358 | 13,469 | 13,875 | 13,910 | 14,067 | 1,398,326 | 1,433,351 | 1,462,977 | 1,491,353 | 1,512,368 | 1,527,386 | 1,542,897 | 17,777 | 18,200 | 18,483 | 18,776 | 18,926 | 19,243 | 19,407 | 2 |
| 154 | ${ }^{111}$ | 114 | 118 | 105 | 100 | -99 | 10,412 | 10,139 | 11,128 | -11,941 | 11,049 | 10,808 | 11,579 | 19 | 185 | 16 | 15 | 16 | 17 | 16 | 3 |
| 8,657 | 8.761 | 8,866 | 8,904 | 9,261 | 9.213 | 9,359 | 1,048,165 | 1,077,336 | 1,102,172 | 1,129,620 | 1,144,491 | 1,154,676 | 1,168,917 | 13,561 | 13,847 | 13,972 | 14,185 | 14,235 | 14,494 | 14,650 | 4 |
| 531 | 539 | 542 | 542 | 565 | 564 | 571 | 60,703 | 62,416 | 63,329 | 64,642 | 65,146 | 66,098 | 66,569 | 711 | 727 | 731 | 741 | 739 | 756 | 761 | 5 |
| -23 | -25 | -24 | -23. | -29 | -25 | -26 | -1,373 | -1,355 | -1,380 | -1,437 | -1,431 | -1,483 | -1,505 | -819 | -844 | -854 | -867 | -873 | -880 | -889 | 6 |
| 8,103 | 8,197 | 8,300 | 8,339 | 8,668 | 8,625 | 8,762 | 986,088 | 1,013,565 | 1,037,464 | 1,063,541 | 1,077,915 | 1,087,096 | 1,100,843 | 12,031 | 12,276 | 12,387 | 12,578 | 12,623 | 12,859 | 13,000 | 7 |
| 3,428 | 3,503 | 3,578 | 3,637 | 3.676 | 3,702 | 3,703 | 259,695 | 264,830 | 268,972 | 271,229 | 274,998 | 275,510 | 275,547 | 2,982 | 3,052 | 3,118 | 3,161 | 3,199 | 3,204 | 3,198 | 8 |
| 1,531 23 | 1.562 25 | 1,594 | 1.611 25 | 1,636 29 | 1,684 25 | 1.702 19 | 162,955 4,395 | 165,094 4,273 | 167,669 4,097 | 168,524 4,076 | $\begin{array}{r}170.505 \\ 4,334 \\ \hline\end{array}$ | 175,589 4,265 | 178,085 4,321 | 2,783 111 | $\begin{array}{r}2,887 \\ \hline 104\end{array}$ | $\begin{array}{r}2,994 \\ \hline 108\end{array}$ | 3,053 101 | 3.120 108 | 3,197 100 | 3,225 88 | $9{ }^{9}$ |
| 1,507 | 1,537 | 1,571 | 1,586 | 1,607 | 1,659 | 1,683 | 158,560 | 160,822 | 163,572 | 164,448 | 166,170 | 171,324 | 173,764 | 2,672 | 2,782 | 2,886 | 2,952 | 3,012 | 3,097 | 3,137 | 11 |
| 6,491 | 6,612 | 6,698 | 6,730 | 7.071 | 7,011 | 7,131 | 815,103 | 840,300 | 859,207 | 882,425 | 895,431 | 902,942 | 913,299 | 10,343 | 10,572 | 10,683 | 10,859 | 10,895 | 11,074 | 11,196 | 12 |
| 780 | 787 | 793 | 804 | 830 | 821 | 828 | 88,223 | 89,861 | 90,993 | 93,122 | 93,834 | 94,292 | 94,993 | 1,590 | 1,622 | 1,626 | 1,672 | 1,670 | 1,696 | 1,702 | 13 |
| 1,386 | 1,362 | 1,376 | 1,369 | 1,361 | 1,381 | 1,399 | 144,839 | 147,175 | 151,973 | 154,074 | 155,227 | 157,442 | 160,625 | 1,628 | 1,653 | 1,663 | 1,655 | 1,670 | 1,725 | 1,752 | 14 |
| 83 | 35 | 34 | 36 | 22 | 16 | 13 | 3,698 | 3,524 | 4,547 | 5,422 | 4,603 | 4,184 | 4.657 | 13 |  | 1.9 |  | 10 | 10 |  | 15 |
| 1,303 | 1,327 | 1,342 | 1,333 | 1,339 | 1,365 | 1,387 | 141,141 | 143,651 | 147,426 | 148,651 | 150,624 | 153,258 | 155,968 | 1,615 | 1,645 | 1,654 | 1,646 | 1,660 | 1,715 | 1,742 | 16 |
| 154 | 111 | 114 | 118 | 105 | 100 | 99 | 10,412 | 10,139 | 11,128 | 11,941 | 11,049 | 10,808 | 11,579 | 19 | 15 | 16 | 15 | 16 | 17 | 16 | 17 |
| 8,503 | 8.649 | 8.753 | 8,786 | 9,157 | 9.113 | 9,260 | 1,037,753 | 1,067,197 | 1,091,044 | 1,117,679 | 1,133,442 | 1,143,868 | 1,157,338 | 13,542 | 13,832 | 13,957 | 14,170 | 14,218 | 14,478 | 14,634 | 18 |
| 6,462 | 6,587 | 6,666 | 6,674 | 7,037 | 6,976 | 7,108 | 874,846 | 899,463 | 919,447 | 944,831 | 960,015 | 965,100 | 975,611 | 9,181 | 9,394 | 9,526 | 9,574 | 9,705 | 9,879 | 9,988 | 19 |
| 72 | 72 | 73 | 74 | 75 | 75 | 78 | 10,841 | 10,882 | 10,877 | 10,862 | 10,963 | 11,066 | 11,435 | 202 | 197 | 197 | 198 | 199 | 203 | 210 | 20 |
| 1,133 | 1,195 | 1,277 | 1,278 | 1,556 | 1,322 | 1,385 | 4,481 | 4,670 | 5,099 | 4,905 | 5,034 | 4,992 | 5,152 | 844 | 896 | 988 | 1,012 | 1,035 | 1,016 | 1,076 | 21 |
| 775 | 780 | 763 | 744 | 757 | 786 | 781 | 63,593 | 65,633 | 67,547 | 68,664 | 71,076 | 72,860 | 72,981 | 1,026 | 1,102 | 1,048 | 992 | 996 | 1,119 | 1,114 | 22 |
| 437 | 467 | 472 | 471 | 477 | 514 | 519 | 150,830 | 158,288 | 160,237 | 168,161 | 168,516 | 161,143 | 159,881 | 569 | 534 | 558 | 569 | 536 | 559 | 506 | 23 |
| 187 | 195 | 190 | 190 | 202 | 212 | 211 | 109,137 | 114,829 | 117,722 | 124,732 | 125,029 | 118,278 | 116,525 | 163 | 163 | 165 | 158 | 156 | 174 | 144 | 24 |
| 249 | 272 | 282 | 281 | 275 | 302 | 308 | 41,693 | 43,459 | 42,515 | 43,428 | 43,486 | 42,865 | 43,356 | 405 | 371 | 393 | 410 | 380 | 384 | 362 | 25 |
| 798 | 796 | 752 | 789 | 753 | 768 | 784 | 68,520 | 68,650 | 68,166 | 70,428 | 71,303 | 72,503 | 72,768 | 1,392 | 1,490 | 1,454 | 1,460 | 1,499 | 1,533 | 1,534 | 26 |
| 287 | 293 | 291 | 301 | 308 | 329 | 336 | 59,927 | 60,638 | 62,316 | 63,667 | 65,412 | 66,285 | 66,941 | 368 | , 364 | 372 | 371 | 374 | 371 | 374 | 27 |
| 807 | 823 | 830 | 842 | 856 | 869 | 883 | 94,506 | 96,439 | 98,532 | 99,967 | 102,909 | 103,522 | 104,754 | 1,235 | 1,227 | 1.229 | 1,244 | 1,253 | 1,274 | 1.287 | 28 |
| 453 | 449 | 459 | 444 | 436 | 448 | 464 | 88,753 | 89,373 | 91,772 | 93,694 | 93,214 | 97,506 | 100,442 | 608 | , 587 | 616 | 616 | 602 | 561 | 573 | 29 |
| 1,700 | 1,713 | 1,749 | 1,731 | 1.819 | 1,865 | 1,879 | 333,395 | 344,890 | 354,900 | 364,484 | 371,589 | 375,224 | 381,257 | 2,936 | 2,997 | 3,065 | 3,112 | 3,209 | 3,242 | 3,314 | 30 |
| 2,041 | 2,063 | 2,087 | 2,113 | 2,119 | 2,138 | 2,151 | 162,907 | 167,734 | 171,597 | 172,848 | 173,427 | 178,768 | 181,727 | 4,361 | 4,438 | 4,431 | 4,597 | 4,514 | 4,599 | 4,646 | 31 |
| $4+1$ | 417 | 425 | 429 | 424 | 425 | 419 | 26,999 | 28,176 | 29,484 | 28,501 | 28,379 | 28,827 | 28,987 | 1,112 | 1,146 | 1,145 | 1,173 | 1,175 | 1,196 | 1.191 | 32 |
| 207 | 211 | 210 | 214 | 212 | 219 | 216 | 15,074 | 15,615 | 15,557 | 16,020 | 15,949 | 16,439 | 16,525 | 937 | , 976 | , 977 | 1,002 | '997 | 1,049 | 1,051 | 33 |
| 1,423 | 1,435 | 1,452 | 1,469 | 1,484 | 1,494 | 1,516 | 120,834 | 123,942 | 126,556 | 128,326 | 129,099 | 133,502 | 136,215 | 2,312 | 2,316 | 2,309 | 2,422 | 2,341 | 2,354 | 2,404 | 34 |
| Nevada |  |  |  |  |  |  | Oregon |  |  |  |  |  |  | Washington |  |  |  |  |  |  | Line |
| 1999 | 2000 |  |  |  | 2001 |  | 1999 | 2000 |  |  |  | 2001 |  | 1999 | 2000 |  |  |  | 2001 |  |  |
| N' | $1 /$ | II' | $111{ }^{r}$ | IV' | $1 \times$ | 118 | IV' | 1 | $1{ }^{\prime}$ | $1{ }^{\prime \prime}$ | IV | $1{ }^{\text {r }}$ | $11 p$ | IVr | $1{ }^{\prime}$ | $11{ }^{\text {r }}$ | III' | IV' | I | 110 |  |
| 57,031 | 58,035 | 59,631 | 60,006 | 60,886 | 62,286 | 63,249 | 91,186 | 92,945 | 94,638 | 95,800 | 96,614 | 98,194 | 98,986 | 180,444 | 182,632 | 183,572 | 183,620 | 187,297 | 186,240 | 187,050 |  |
| 56,964 | 57,947 | 59,532 | 59,902 | 60,779 | 62,179 | 63,139 | 90.523 | 92,251 | 93,968 | 95,072 | 95,934 | 97,457 | 98,215 | 179,251 | 181,196 | 182,209 | 182,078 | 185,890 | 184,737 | 185,478 | 2 |
| 66 | 88 | 99 | 105 | 106 | 107 | 110 | 662 | 694 | 670 | 728 | 680 | 737 | 771 | 1,192 | 1,436 | 1,362 | 1,543 | 1,407 | 1,503 | 1,572 | 3 |
| 42,348 | 42,953 | 44,229 | 44,446 | 45,062 | 46,324 | 47,278 | 65,875 | 67,284 | 68,558 | 69,520 | 70,036 | 71,242 | 71,936 | 134,031 | 135.157 | 134,801 | 133,959 | 137,069 | 135,062 | 135,511 | 4 |
| 2,293 | 2,331 | 2,384 | 2,388 | 2,413 | 2,502 | 2,540 | 4,079 | 4,164 | 4,224 | 4,263 | 4,273 | 4,372 | 4,397 | 8,253 | 8,307 | 8,221 | 8,105 | 8,269 | 8,166 | 8,148 | 5 |
| -783 | -782 | -802 | -798 | -811 | -850 | -870 | -2,015 | -2,069 | -2,141 | -2,201 | -2,205 | -2,265 | -2,293 | 2,153 | 2,221 | 2,317 | 2,388 | 2.402 | 2,487 | 2,524 | 6 |
| 39,272 | 39,840 | 41,043 | 41,261 | 41,837 | 42,972 | 43,867 | 59,782 | 61,051 | 62,193 | 63,055 | 63,558 | 64,605 | 65,246 | 127,931 | 129,070 | 128,897 | 128,243 | 131,202 | 129,383 | 129,887 | 7 |
| 12.067 | 12,373 | 12,600 | 12,681 | 12,842 | 12,868 | 12,830 | 19,194 | 19,548 | 19,891 | 20,128 | 20,277 | 20,311 | 20,237 | 31,696 | 32.408 | 33,080 | 33,572 | 33,914 | 33,988 | 33,880 | 8 |
| 5,692 | 5,822 | 5,988 | 6,065 | 6,207 | 6,447 | 6,552 | 12,209 | 12,347 | 12,554 | 12,616 | 12,778 | 13,278 | 13,504 | 20,816 | 21,153 | 21,595 | 21,806 | 22,181 | 22,869 | 23,284 | 9 |
| 200 | 186 | 183 | 191 | 229 | 205 | 184 | 429 | 393 | 386 | 401 | 425 | 456 | 460 | 940 | 899 | 892 | 931 | 1,031 | 973 | 1,035 | 10 |
| 5,492 | 5,636 | 5,805 | 5,874 | 5,977 | 6,242 | 6,368 | 11,781 | 11,954 | 12,168 | 12,216 | 12,353 | 12,822 | 13,044 | 19,876 | 20,254 | 20,703 | 20,874 | 21,150 | 21,896 | 22,249 | 11 |
| 33,555 | 34,156 | 35,157 | 35,390 | 35,982 | 37,072 | 37,809 | 52,201 | 53,387 | 54,532 | 55,339 | 55,824 | 56,763 | 57,328 | 109,006 | 109,840 | 109,353 | 108,306 | 111,162 | 109,089 | 109,311 | 12 |
| 3,579 | 3,555 | 3,584 | 3,546 | 3,556 | 3,637 | 3,699 | 6,267 | 6,305 | 6,344 | 6,383 | 6,361 | 6,440 | 6,488 | 11,244 | 11,278 | 11,274 | 11,274 | 11,497 | 11,331 | 11,320 | 13 |
| 5,214 | 5,241 | 5,488 | 5,510 | 5,523 | 5,614 | 5,771 | 7,408 | 7,591 | 7,681 | 7,799 | 7,852 | 8,039 | 8,120 | 13,781 | 14,038 | 14,174 | 14,380 | 14,410 | 14,642 | 14,880 | 14 |
|  |  |  |  |  |  |  |  |  |  |  | 7,52 7,799 | 90 7,949 | 8.928 | 163 | 419 | ${ }_{13} 347$ | 535 | 410 | 476 | 495 | 15 |
| 5,202 | 5,211 | 5,449 | 5,468 | 5,481 | 5,573 | 5,729 | 7,397 | 7,540 | 7,652 | 7,706 | 7,799 | 7,949 | 8,028 | 13,618 | 13,619 | 13,827 | 13,844 | 13,999 | 14,166 | 14,385 | 16 |
|  | 88 | 99 | 105 | 106 | 107 | 110 | 662 | 694 | 670 | 728 | 680 | 737 | 771 | 1,192 | 1,436 | 1,362 | 1,543 | 1,407 | 1,503 | 1,572 | 17 |
| 42,281 | 42,865 | 44,130 | 44,342 | 44,955 | 46,216 | 47,168 | 65,213 | 66,590 | 67,888 | 68,792 | 69,356 | 70,505 | 71, 165 | 132,839 | 133,721 | 133,439 | 132,416 | 135,662 | 133,559 | 133,938 | 18 |
| 36,278 | 36,766 | 37,792 | 38,124 | 38,699 | 39,801 | 40,590 | 54,383 | 55,565 | 56,671 | 57,572 | 58,234 | 59,068 | 59,590 | 110,725 | 111,204 | 110,329 | 109,411 | 112,276 | 109,993 | 110,002 | 19 |
| 264 | 273 | 279 | 277 | 273 | 275 | 287 | 898 | 877 | 851 | 906 | 875 | 921 | 977 | 1,475 | 1,445 | 1,460 | 1,458 | 1,464 | 1,487 | 1,539 | 20 |
| 760 | 714 | 740 | 705 | 692 | 681 | 693 | 98 | 101 | 103 | 101 | 102 | 99 | 98 | 233 | 237 | 258 | 254 | 249 | 233 | 240 | 21 |
| 4,329 | 4,478 | 4,556 | 4,614 | 4,542 | 4,666 | 4,743 | 4,751 | 4,971 | 4,932 | 4,992 | 5,132 | 5,314 | 5,076 | 8,890 | 8,999 | 8,999 | 9,034 | 9,427 | 9,372 | 9,284 | 22 |
| 1,759 | 1,871 | 1,886 | 1,956 | 2,111 | 2,180 | 2,187 | 11,960 | 12,373 | 12,827 | 12,786 | 12,894 | 13,026 | 13,428 | 18,714 | 18,818 | 18,637 | 19,113 | 19,889 | 20,593 | 19,710 | 23 |
| 1.138 | 1,208 | 1,215 | 1,269 | 1.422 | 1,450 | 1,499 | 9,529 | 9,930 | 10,336 | 10,311 | 10,442 | 10,494 | 10,884 | 13,841 | 13,316 | 13,839 | 14,048 | 14,957 | 15,782 | 14,877 | 24 |
| 621 | 663 | , 671 | , 687 | 689 | 731 | 688 | 2,431 | 2,443 | 2,491 | 2,475 | 2,453 | 2,532 | 2,545 | 4.872 | 5,502 | 4,798 | 5,065 | 4,932 | 4,811 | 4,833 | 25 |
| 2,503 | 2,587 | 2,584 | 2,746 | 2,614 | 2,840 | 2.834 | 4,013 | 4,219 | 4,231 | 4,395 | 4,321 | 4,344 | 4,309 | 8.765 | 8894 | 9,153 | 9,911 | 9,637 | 9,431 | 9,426 | 26 |
| 1,784 | 1,824 | 1,842 | 1,864 | 1,933 | 2,065 | 2,105 | 4,571 | 4,711 | 4,764 | 4,963 | 5,045 | 5,031 | 4,972 | 7.538 | 7,696 | 7,799 | 7,977 | 8,260 | 8,098 | 8,074 | 27 |
| 4,115 | 4,243 | 4,270 | 4,382 | 4,446 | 4,541 | 4.635 | 6,705 | 6,698 | 6,873 | 6,931 | 6,987 | 7,017 | 7,077 | 12.104 | 12,459 | 12,532 | 12,636 | 12,904 | 12,829 | 12,893 | 28 |
| 4,062 | 3,956 | 4.210 | 4,170 | 4,237 | 4,176 | 4,344 | 4,683 | 4,537 | 4,680 | 4,682 | 4,519 | 4,548 | 4,672 | 8,671 | 8.488 | 8,977 | 8,912 | 8,795 | 8,822 | 9,090 | 29 |
| 16,703 | 16,821 | 17,425 | 17,410 | 17,851 | 18,378 | 18,762 | 16,704 | 17,078 | 17,411 | 17,816 | 18,358 | 18,769 | 18,980 | 44,336 | 44,168 | 42.515 | 40,114 | 41,652 | 39,128 | 39,745 | 30 |
| 6,003 | 6,099 | 6,338 | 6,218 | 6,257 | 6.415 | 6,578 | 10,830 | 11,025 | 11,216 | 11,221 | 11,123 | 11,437 | 11,575 | 22,114 | 22,516 | 23,110 | 23,006 | 23,386 | 23,567 | 23,936 | 31 |
| 917 | 969 | 1,013 | 971 | 982 | 1,004 | 1,025 | 1,819 | 1,941 | 2,027 | 1,990 | 1,932 | 1,948 | 1,953 | 4,081 | 4,303 | 4,522 | 4,377 | 4,397 | 4,441 | 4,512 | 32 |
| 442 | 460 | 460 | 475 | 475 | 493 | 492 | 223 | 234 | 236 | 244 | 244 | 254 | 256 | 2,789 | 2,882 | 2,879 | 2.983 | 2,986 | 3,055 | 3,065 | 33 |
| 4,644 | 4,669 | 4,865 | 4,773 | 4,800 | 4,918 | 5,061 | 8,788 | 8,850 | 8,954 | 8,987 | 8,947 | 9,236 | 9,366 | 15,243 | 15,331 | 15,709 | 15,646 | 16,002 | 16,071 | 16,359 | 34 |
| 5. Proprietors' income includes the inventory valuation adjustment and the capital consumption adjustment. <br> 6. "Other" consists of the wage and salary disbursements of U.S. residents employed by international organizaons and foreign embassies and consulates in the United States. |  |  |  |  |  |  |  |  |  |  | differs from the estimate of personal income in the national 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. |  |  |  |  |  |  |  |  |  |  |

Note.-The personal income level shown for the United States is derived as the sum of the State estimates. It U.S. firms.

## State Per Capita Personal Income, Revised Estimates for 1991-2000

Tables 1 and 2 below present interim estimates of State per capita personal income for 1991-2000. As previously announced, the release of the State per capita personal income estimates was delayed until after the Bureau of the Census decided whether to adjust the population counts for 2000 that were released in March 2001 for redistricting purposes. On October 17, 2001, the Census Bureau announced that it would not adjust the population counts and that the remaining census 2000 data products, postcensal estimates, and survey
controls would use the unadjusted counts.
In order to provide its users with consistent estimates, BEA has developed population estimates for 1991-99 and has incorporated them into the interim estimates of State per capita personal income. After the Census Bureau provides State population estimates for 1991-99 that are consistent with the population estimates for 2000 in March 2002, BEA will incorporate them and issue revised State per capita income estimates.

Table 1.-Per Capita Personal Income, 1991-2000 ${ }^{1}$
[Dollars]

| Area name | 1991 ${ }^{\prime}$ | $1992{ }^{\text {r }}$ | 1993 r | 1994. | $1995{ }^{\prime}$ | 1996 ' | $1997{ }^{\prime}$ | $1998{ }^{r}$ | 1999 r | $2000{ }^{\text {r }}$ | Rank |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  | 2000 r |
| United States | 20,039 | 20,979 | 21,557 | 22,358 | 23,272 | 24,286 | 25,427 | 26,909 | 27,859 | 29,451 |  |
| New England. | 23,194 | 24,321 | 25,005 | 25,948 | 27,060 | 28,359 | 29,946 | 31,870 | 33,296 | 35,824 |  |
| Connecticut | 26.775 | 28,446 | 29,309 | 30,130 | 31,423 | 32,814 | ${ }^{34,803}$ | 37,190 | 38,506 | 40,870 | 1 |
| Masse ........... | 17,638 <br> 23,691 <br> 1 | 18,300 24,755 | 18,733 25,477 | 19,425 26.580 | 20,102 2711 | 21.118 2988 2988 | 22,091 30799 | 23,352 <br> 32,748 | 24,220 | 25,399 37,710 | 36 2 |
| New Hampshire. | 23,286 21,289 | 24,55 22,071 | 22,395 | 26,643 | 24,775 | 25,751 | 27,254 | 29,297 | 30,690 | 33,042 | 6 |
| Rhode island. | 20,257 | 21,037 | 21,794 | 22,292 | 23,427 | 24,349 | 25,685 | 26,870 | 27,813 | 29,158 | 17 |
| Vermont.......... | 18,182 | 19,216 | 19,667 | 20,389 | 21,147 | 22,029 | 23,037 | 24,557 | 25,514 | 26,904 | 30 |
| Mideast.. | 23,139 | 24,241 | 24,705 | 25,381 | 26,441 | 27,680 | 28,887 | 30,583 | 31,660 | 33,549 |  |
| Delaware | 22,272 | 22,950 | 23,600 | 24,225 | 24,996 | 26,143 | 26,812 | 28,649 | 29,625 | 31,074 | 12 |
| District of Columbia | 27,797 | 29,436 | 30,756 | 31.497 | 31,479 | 32,455 | 33,811 | 35,568 | 36,254 | 38,374 |  |
| New jersey. | 25,084 | 26,453 | 26,881 | 27,583 | 28,881 | 30,296 | 31,757 | 30,646 | 34,666 | 37,112 | 5 3 |
| New York. | 23,850 | 25,005 | 25,293 | 25,954 | 27,190 | 28,594 | 29,694 | 31,522 | 32,620 | 34,502 | 4 |
| Pennsy\|vania ......... | 20,453 | 21,441 | 22,043 | 22,634 | 23,441 | 24,465 | 25,630 | 27,005 | 27,971 | 29,533 | 16 |
| Great Lakes | 19,573 | 20,709 | 21,489 | 22,603 | 23,545 | 24,407 | 25,587 | 26,984 | 27,832 | 29,122 |  |
| llinois. | ${ }^{21,276}$ | 22.669 | 23,239 | 24,235 |  |  | 27,942 | 29,491 | 30,274 | 31,842 | 10 |
| Indiana. | 18,020 | 19,194 | 19,995 | 20,989 | 21,634 | 22,511 | 23,427 | 24,908 | ${ }^{25,682}$ | ${ }^{26,838}$ | 32 |
| Michigan. | 19.311 | 20.263 | 21,366 | 22,829 | $\stackrel{23,931}{ }$ | 24,394 | 25.505 | 26,870 | 27,886 | 29.071 | 18 |
| Wisconsin | 19,201 <br> 8.678 | 19,802 | 20,529 | 21,545 | 22,373 22,373 | $\begin{aligned} & 23,495 \\ & 23,303 \end{aligned}$ | 24,484 | 26,918 26.018 | 26,863 | 28,914 28,066 | 19 |
| Plains... | 18,806 | 19,852 | 20,272 | 21,393 | 22,150 | 23,530 | 24,526 | 26,010 | 26,780 | 28,219 |  |
| lowa .. | 17,827 | 18,871 | 18,827 | 20,351 | 20,991 | 22,469 | 23,503 | 24,531 | 24.945 | ${ }^{26,376}$ | 33 |
| Kansas.... | 18,813 <br> 20.445 | 19,914 21,605 | 20,446 | 21.265 <br> 23.266 | 21,777 24.320 | 22,978 <br> 2593 | 24,183 | 25,538 29,109 | 26,312 | 27,408 31913 | $\stackrel{8}{98}$ |
| Missouri. | 18,525 | 19,468 | 20,180 | 21,107 | 21,887 | 22,840 | 23,937 | 25,176 | 25,815 | 27,186 | 29 |
| Nebraska | 18,717 | 19,586 | 20,010 | 20,949 | 21,908 | 23,672 | 24,146 | 25,558 | 26,663 | 27,658 | 25 |
| North Dakota. | 16,237 | 17,620 | 17,721 | 18,879 | 18,890 | 20,908 | 20,506 | 22,785 | 23,053 | 24,780 | 38 |
| South Dakota. | 16,918 | 17,875 | 18,424 | 19,409 | 19,597 | 21,407 | 21,893 | 23,484 | 24,491 | 25,993 | 34 |
| Southeast. | 17,918 | 18,769 | 19,506 | 20,307 | 21,165 | 22,056 | 23,004 | 24,258 | 24,940 | 26,179 |  |
| Alabama | 16,509 | 17,406 | 17,904 | 18.738 | 19,524 | 20,133 | 20,891 | 21,913 | 22,706 | 23,460 | 43 |
| Arkansas | 15,194 | 16,294 | ${ }^{16,792}$ | 17.469 | 18,179 | 18.982 | 19,670 | 20,531 | 21,191 | 21,945 | 47 |
| Florida. | 20,096 | ${ }^{20,471}$ | 21,354 | 21,930 | 22,974 | ${ }^{23,942}$ | 24,901 | 26,159 | ${ }^{26,560}$ | 27,836 |  |
| Gentucky |  | 17,917 17,264 | 17,729 17 | 18,394 | 21,840 19,061 | 2,090 19,960 | - 20,982 | 25,481 22,123 | 26,712 | 27,057 27,70 | 39 |
| Louisiana. | 16,040 | 16,891 | 17,597 | 18,610 | 19,321 | 19,981 | 20,875 | 21,954 | 22,292 | 23,041 | 45 |
| Mississippi.......................................................... | 13,775 | 14,644 | 15,363 | 16,398 | 16,990 | 17,799 | 18,588 | 19,674 | 20,180 | 20.856 | 50 |
| North Caroina. | 17.803 | 18.958 | 19,787 | 20.577 | 21,476 | 22.361 | 23,478 | 24,667 | 25,314 | 26,842 | 31 |
| South Caroina. | 16,367 | 17,078 | 17,669 | 18,496 | 19,227 | 20,093 | 21,005 | 22,127 | 22,903 | 23,952 | $\stackrel{40}{45}$ |
| Tennessee ...... | 17,448 | ${ }^{18,723}$ |  |  | 21,462 24,230 | 22,032 25,213 | 22,821 <br> 26.418 <br> 1 | 24,106 28.032 | 24,722 <br> 29208 | 25,878 31065 | 35 13 |
|  | 21,052 15,214 | 21,883 16,107 | 22,647 16,707 | 23,534 17,390 | 24,230 17,882 | 25,213 18,528 | 26,418 19,342 | 28,032 20,235 | 29,208 20,720 | 31,065 21,767 | 13 49 |
| Southwest. | 17,689 | 18,518 | 19,116 | 19,831 | 20,644 | 21,528 | 22,884 | 24,373 | 25,128 | 26,477 |  |
| Arizona | 17,463 | 17,927 | 18,440 | 19,331 | 20,059 | 20,890 | 21,896 | 23,121 | 23,738 | 24,991 |  |
| New Mexico. | 15,674 | 16,279 | 16,997 | 17,628 | 18,435 | 18,963 | 19,610 | 20,520 | 20,920 | 21,883 | 48 |
| Okiahoma.... | 16,683 | 17,446 | 17,962 | 18,559 | 19,174 | 19,876 | 20,771 | 21.966 | 22.576 | 23,582 | 42 |
| Texas ............................................................... | 18,102 | 19,043 | 19,666 | 20,370 | 21,239 | 22,197 | 23,777 | 25,426 | 26,266 | 27,722 | 24 |
| Rocky Mountain. | 18,143 | 18,925 |  | 20,486 | 21,453 | 22,441 | 23,657 | 25,058 |  | 27,775 |  |
| Colorado | 20,396 | 21,256 | 22,225 | 23,081 | 24,314 | 25,536 | 27,088 | 28,783 | 30,225 | 32,441 | 7 |
| Idaho. | 16,160 | 17,162 | 18.140 | 18.684 | 19,419 | 20,091 | 20.525 | 21,622 | 22,387 | 23,640 | 41 |
| Montana | 16.478 | 17,050 | 17.970 | 17,993 | 18,588 | 19,165 | 19,909 | 21.235 | 21.511 | 22,541 | 46 |
| Utah . | 15,603 | 16,234 | 16,844 | 17,651 | 18,514 | 19,519 | 20,618 | 21,624 | 22,335 | 23,364 | 44 |
| Wyoming................................................................. | 18,814 | 19,439 | 20,114 | 20,720 | 21,210 | 21,724 | 23,348 | 24,687 | 25,960 | 27,436 | 27 |
| Far West. | 21,654 | 22,391 | 22,683 | 23,257 | 24,197 | 25,225 | 26,374 | 27,998 | 29,402 | 31,491 |  |
| Alaska. | ${ }^{23,238}$ | 23,861 | 24.692 | 25,144 | 25,659 | 25,889 | 26.876 | 27,610 | 27,947 | 29,597 |  |
| California | 22.002 | 22.677 | 22.858 | ${ }^{23,379}$ | 24,374 | 25,409 | 26,555 | ${ }^{28,277}$ | 29,818 | 32,225 | 8 |
| Hawaii | 23,087 | 24,085 | 24,806 | 25,038 | 25,211 | 25.212 | 25,714 | 26,135 | 26,658 | 27,819 | 22 |
| Nevada | 21,132 | 22,374 | ${ }^{22,970}$ | 23,945 | 24.908 | 26,009 | 26,836 | 28,190 | 26,883 | 29,551 | 15 |
|  | 18,754 20,862 | 19,449 21,836 | 20,235 22,290 | 21,184 22,948 | 22,355 23,658 | 23,257 25,007 | 24,365 | 25,406 28,287 | 26,192 29,783 | 37,649 | 26 11 |
| Washington ............................................................. | 20,862 | 21,836 | 22.290 | 22,948 | 23.658 | 25,007 | 26,457 | 28,287 | 29,783 | 31.129 | 11 |

1. Pevised. Decennial Census. BEA converted the April 1, 2000, Census Bureau population counts to a midyear 2000 basis and derived an interim set of population estimates for 1991-99 that are consistent with 1990 and 2000 population data.

Table 2.—Per Capita Disposable Personal Income, 1991-20001 [Dollars]

| Area name | $1991{ }^{\text {r }}$ | $1992{ }^{\text {r }}$ | 1993 r | $1994{ }^{\text {r }}$ | 1995' | $1996{ }^{\text {r }}$ | 1997 ' | $1998{ }^{\text {r }}$ | 1999 r | $2000{ }^{\prime \prime}$ | Rank |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  | $2000{ }^{\prime}$ |
| United States | 17,630 | 18,502 | 18,963 | 19,613 | 20,350 | 21,059 | 21,875 | 23,031 | 23,707 | 24,891 |  |
| New England.. | 20,202 | 21,154 | 21,670 | 22,445 | 23,249 | 24,106 | 25,132 | 26,541 | 27.513 | 29,381 |  |
| Connecticut | 23,299 | 24,441 | 25,067 | 25,796 | 26,638 | 27,468 | 28,616 | 30,292 | 31,131 | 32,820 | 1 |
| Maine | 15,640 | 16,302 | 16,691 | 17,228 | 17,796 | 18,581 | 19,249 | 20,190 | 20,877 | 21,795 | 37 |
| Massachusetts | 20,433 | 21,420 | 21,965 | 22,826 | 23,612 | 24,598 | 25,668 | 27,069 | 28,211 | 30,593 | 3 |
| New Hampshire | 19,070 | 19,789 | 19,966 | 21,101 | 22,043 | 22,668 | 23,724 | 25,459 | 26,486 | 28,323 | 4 |
| Rhode island..... | 17,887 | 18,653 | 19,278 | 19,661 | 20,673 | 21,369 | 22,323 | 23,204 | 23,995 | 25,008 | 17 |
| Vermont.......................................................... | 16,030 | 17,015 | 17,392 | 18,047 | 18,718 | 19,317 | 20,027 | 21,267 | 22,028 | 23,069 | 31 |
| Mideast. | 20,074 | 21,071 | 21,403 | 21,925 | 22,794 | 23,663 | 24,468 | 25,726 | 26,440 | 27,827 |  |
| Delaware | 19,300 | 19,952 | 20,477 | 20,892 | 21,499 | 22,334 | 22,610 | 24,181 | 25,052 | 26,264 | 11 |
| District of Columbia | 24,160 | 25,799 | 26,999 | 27,424 | 27,372 | 27,801 | 28,483 | 29,652 | 29,723 | 31,116 |  |
| Maryland. | 20,271 | 21,012 | 21,570 | 22,263 | 22,917 | 23,451 | 24,382 | 25,601 | 26,704 | 28,044 | 6 |
| New Jersey. | 21,811 | 23,037 | 23,298 | 23,842 | 24,913 | 25,957 | 26.916 | 28,243 | 28,825 | 30,640 | 2 |
| New York... | 20,505 | 21,567 | 21,694 | 22,209 | 23,248 | 24,234 | 24,916 | 26,257 | 26,879 | 28,187 | 5 |
| Pennsylvania .................................................... | 18,050 | 18,889 | 19,431 | 19,888 | 20,512 | 21,244 | 22,107 | 23,183 | 23,966 | 25,195 | 16 |
| Great Lakes ........................................................ | 17,130 | 18,201 | 18,793 | 19,698 | 20,445 | 21,031 | 21,922 | 23,014 | 23,702 | 24,689 |  |
| Illinois. | 18,609 | 19,932 | 20,343 | 21,113 | 22,049 | 23,003 | 23,915 | 25,084 | 25,651 | 26,849 | 8 |
| Indiana | 15,800 | 16,851 | 17,486 | 18,260 | 18,785 | 19,452 | 20,129 | 21,434 | 22,116 | 23,062 | 32 |
| Michigan | 16,889 | 17,860 | 18,682 | 19,924 | 20,783 | 20,998 | 21,864 | 22,877 | 23,738 | 24,546 | 18 |
| Ohio | 16,840 | 17,780 | 18,341 | 19,212 | 19,809 | 20,256 | 21,270 | 22,172 | 22,843 | 23,719 | 24 |
| Wisconsin | 16,281 | 17,270 | 17,863 | 18,669 | 19,343 | 19,981 | 20,839 | 22,056 | 22,743 | 23,846 | 23 |
| Plains. | 16,591 | 17,538 | 17,848 | 18,812 | 19,387 | 20,475 | 21,207 | 22,427 | 23,106 | 24,207 |  |
| lowa | 15,716 | 16,706 | 16,589 | 17,966 | 18,496 | 19,760 | 20,513 | 21,396 | 21,699 | 22,897 | 35 |
| Kansas | 16,634 | 17,679 | 18,074 | 18,757 | 19,085 | 20,030 | 20,914 | 22,063 | 22,700 | 23,497 | 26 |
| Minnesota | 17,771 | 18,727 | 18,910 | 20,068 | 20,881 | 22,002 | 22,943 | 24,529 | 25,560 | 26,796 | 9 |
| Missouri | 16,401 | 17,278 | 17,895 | 18,640 | 19,249 | 19,961 | 20,808 | 21,800 | 22,326 | 23,444 | 27 |
| Nebraska. | 16,673 | 17,466 | 17,811 | 18,603 | 19.330 | 20,872 | 21,067 | 22,200 | 23,174 | 23,860 | 22 |
| North Dakota. | 14,609 | 15,936 | 15,917 | 17,003 | 16,911 | 18,786 | 18,231 | 20,369 | 20,566 | 22,070 | 36 30 |
| South Dakota.. | 15,485 | 16,337 | 16,746 | 17,713 | 17,788 | 19,484 | 19,691 | 21,139 | 21,918 | 23,172 | 30 |
| Southeast. | 15,965 | 16,735 | 17,359 | 18,010 | 18,718 | 19,365 | 20,060 | 21,071 | 21,598 | 22,552 |  |
| Alabama | 14,734 | 15,567 | 15,985 | 16,671 | 17,333 | 17,792 | 18,387 | 19,275 | 19,964 | 20,537 | 41 |
| Arkansas | 13,628 | 14,636 | 15,073 | 15,591 | 16,183 | 16,850 | 17,362 | 18,058 | 18,645 | 19,233 | 47 |
| Florida. | 18,064 | 18,346 | 19,112 | 19,573 | 20,457 | 21,088 | 21,737 | 22,718 | 22,975 | 23,911 | 21 |
| Georgia.. | 16,052 | 16,944 | 17,501 | 18,313 | 19,089 | 20,052 | 20,634 | 21,867 | 22,700 | 23,645 | 25 |
| Kentucky | 14,337 | 15,260 | 15,642 | 16,170 | 16,683 | 17,393 | 18,196 | 19,129 | 19,602 | 20,704 | 40 |
| Louisiana. | 14,451 | 15,268 | 15,885 | 16,769 | 17,362 | 17,753 | 18,420 | 19,407 | 19,760 | 20,347 | 43 |
| Mississippi | 12,525 | 13,327 | 13,932 | 14,817 | 15.321 | 15,995 | 16,660 | 17,598 | 18,039 | 18,612 | 50 |
| North Carolina. | 15,682 | 16,754 | 17,456 | 18,056 | 18,802 | 19,466 | 20,293 | 21,232 | 21,733 | 22,965 | 33 |
| South Carolina. | 14,572 | 15,235 | 15,735 | 16,410 | 16,973 | 17,644 | 18,371 | 19,271 | 19,935 | 20,775 | 39 |
| Tennessee | 15,793 | 16,946 | 17,690 | 18,426 | 19,309 | 19,683 | 20,306 | 21,432 | 21,971 | 22,923 | 34 |
| Virginia. | 18,412 | 19,183 | 19,804 | 20,481 | 21,020 | 21,734 | 22,582 | 23,751 | 24,482 | 25,855 | 13 |
| West Virginia.................................................... | 13,601 | 14,449 | 14,991 | 15,544 | 15,940 | 16,460 | 17,134 | 17,897 | 18,316 | 19,187 | 48 |
| Southwest | 15,838 | 16,621 | 17,131 | 17,745 | 18,436 | 19,072 | 20,151 | 21,373 | 22,018 | 23,072 |  |
| Arizona. | 15,478 | 15,945 | 16,360 | 17,107 | 17,709 | 18,259 | 19,049 | 19,992 | 20,462 | 21,450 | 38 |
| New Mexico.. | 14,063 | 14,592 | 15,175 | 15,700 | 16,444 | 16,834 | 17,303 | 18,093 | 18,398 | 19,150 | 49 |
| Oklahoma ............................................................................. | 14,805 | 15,546 | 16,007 | 16,495 | 17,037 | 17,532 | 18.179 | 19,212 | 19,740 | 20,528 | 42 |
| Texas ....... | 16,264 | 17,147 | 17,681 | 18,297 | 19,032 | 19,734 | 21,009 | 22,366 | 23,099 | 24,233 | 19 |
| Rocky Mountain. | 16,000 | 16,657 | 17,378 | 17,913 | 18,749 | 19,454 | 20,380 | 21,513 | 22,296 | 23,528 |  |
| Colorado... | 17,862 | 18.586 | 19,374 | 20,036 | 21,117 | 21,987 | 23,144 | 24,426 | 25,485 | 27,141 | 7 |
| Idaho ............................................................. | 14,326 | 15,124 | 16,012 | 16,466 | 17,098 | 17,626 | 17,936 | 18,886 | 19,422 | 20,312 | 44 |
| Montana. | 14,705 | 15,195 | 16,033 | 15,961 | 16,530 | 16,960 | 17,544 | 18,690 | 18,860 | 19,668 | 46 |
| Utah. | 13,802 | 14,346 | 14,835 | 15,455 | 16,154 | 16,930 | 17,796 | 18,707 | 19,249 | 20,018 | 45 |
| Wyoming............................................................ | 16,881 | 17,416 | 17,948 | 18,452 | 18,875 | 18,853 | 20,188 | 21,299 | 22,286 | 23,371 | 28 |
| Far West | 19,013 | 19,777 | 20,018 | 20,465 | 21,204 | 21,853 | 22,608 | 23,834 | 24,623 | 26,079 |  |
| Alaska. | 20,627 | 21,188 | 21,966 | 22,285 | 22,751 | 22,862 | 23,630 | 24,170 | 24,477 | 25,818 | 14 |
| California. | 19,284 | 20,029 | 20,166 | 20,564 | 21,324 | 21,952 | 22,659 | 23,967 | 24,809 | 26,472 | 10 |
| Hawaii | 20,120 | 21,147 | 21,830 | 22,089 | 22,266 | 22,174 | 22,545 | 22,858 | 23,208 | 24,123 | 20 |
| Nevada | 18,664 | 19,707 | 20,130 | 21,063 | 21,900 | 22,589 | 23,354 | 24,336 | 24,868 | 25,289 | 15 |
| Oregon | 16,342 | 16,929 | 17,559 | 18,301 | 19,332 | 19,946 | 20,725 | 21,638 | 22,190 | 23,183 | 29 |
| Washington ........................................................ | 18,583 | 19,469 | 19,912 | 20,414 | 20,997 | 21,994 | 23,081 | 24,358 | 25,204 | 26,201 | 12 |

Revised.

1. Per capita disposable personal income was computed using midyear population estimates. The Census Bureau has not yet released intercensal population estimates that incorporate the results of
the 2000 Decennial Census. BEA converted the April 1,2000 , Census Bureau population counts to a midyear 2000 basis and derived an interim set of population estimates for $1991-99$ that are consistent with 1990 and 2000 population data.

# 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 originating in Government agencies are not copyrighted and may be reprinted freely. Series from private sources are provided through the courtesy of the compilers and are subject to their copyrights.
BEA's economic statistics are available on three Web sites. BEA's Web site at <www.bea.doc.gov> contains
data, articles, and news releases from the national, industry, international, and regional programs. The Federal Statistical Briefing Room (FSBR) on the White House Web site at <www.whitehouse.gov/fsbr/ esbr.html> provides key economic statistics, including gross domestic product. The Commerce Department's STAT-USA Web site at <www.stat-usa.gov> provides detailed databases and news releases from BEA and from other Federal Government agencies by subscription.

The tables present annual [A], quarterly [Q], and monthly [M] data
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## National Data

## A. Selected NIPA Tables

The tables in this section include the most recent estimates of gross domestic product and its components; these estimates were released on October 31, 2001, and include the "advance" estimates for the third quarter of 2001.

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.doc.gov> and on STAT-USA's Web site <www.stat-usa.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)

## S. Summary Tables

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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | II | III |
| Gross domestic product ..... | 4.1 | 4.1 | 1.3 | 1.9 | 1.3 | . 3 | -. 4 |
| Personal consumption |  |  |  |  |  |  |  |
| expendilures... | 5.0 | 4.8 | 4.3 | 3.1 | 3.0 | 2.5 | 1.2 |
| Durable goods.................. | 12.5 | 9.5 | 8.2 | -2.1 | 10.6 | 7.0 | 1.7 |
| Nondurable goods.............. | 4.7 | 4.7 | 4.2 | . 6 | 2.4 | . 3 | . 6 |
| Services .......................... | 3.7 | 4.0 | 3.5 | 5.6 | 1.8 | 2.8 | 1.4 |
| Gross private domestic |  |  |  |  |  |  | -10.7 |
| Fixed investment............... | 7.8 | 7.6 | 2.5 | . 5 | 1.9 | -9.7 | -8.4 |
| Nonresidential ............... | 8.2 | 9.9 | 7.1 | 1.0 | -. 2 | -14.6 | -11.9 |
| Structures... | -2.0 | 6.2 | 15.2 | 7.6 | 12.3 | -12.2 | -12.1 |
| Equipment and software | 11.8 | 11.1 | 4.7 | -1.1 | -4.1 | -15.4 | -11.8 |
| Residential................... | 6.7 | . 8 | -10.4 | -1.1 | 8.5 | 5.9 | 1.9 |
| Net exports of goods and |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| Exports................................ | 3.2 | 9.5 | 10.6 | -4.0 | $-1.2$ | -11.9 | $-16.6$ |
| Goods .......................... | 3.9 | 11.3 | 18.3 | -6.9 | -2.4 | -17.3 | -18.2 |
| Services...................... | 1.6 | 5.3 | -6.7 | 3.7 | 1.8 | 2.4 | -12.9 |
| Imports .......................... | 10.5 | 13.4 | 13.0 | -. 5 | -5.0 | -8.4 | -15.2 |
| Goods.. | 12.4 | 13.5 | 12.3 | -. 6 | -6.7 | -9.5 | -12.6 |
| Services....................... | 1.1 | 12.6 | 17.1 | . 0 | 4.9 | -2.0 | -29.0 |
| Government consumption |  |  |  |  |  |  |  |
| expendifures and gross |  |  |  |  |  |  |  |
| investment...................... | 3.3 | 2.7 | -1.8 | 3.3 | 5.3 | 5.0 | 1.8 |
| Federal......................... | 2.2 | 1.7 | -10.4 | 4.6 | 3.2 | 1.8 | 4.6 |
| National defense ............ Nondefense ............ | 2.1 | 4 | -10.4 | 10.5 | 7.5 | 2.3 | 5.0 |
| Nondefense .................. State and local............. | 2.3 | 4.6 | -10.4 | -5.1 | -4.3 | . 9 | 3.9 |
| State and local.................. | 3.9 | 3.2 | 3.0 | 2.7 | 6.4 | 6.6 | . 4 |
| Addenda: |  |  |  |  |  |  |  |
| Final sales of domestic product.. | 4.3 | 4.3 | 2.3 | 2.4 | 40 | 7 | 0 |
| Gross domestic purchases.. | 5.0 | 4.8 | 2.0 | 2.2 | . 7 | . 4 | -. 7 |
| Final sales to domestic purchasers | 5.2 | 4.9 | 2.9 | 2.7 | 3.2 | . 8 | -. 3 |
| Gross national product..... | 4.0 | 4.1 | 1.3 | 2.8 | . 8 | . 3 |  |
| Disposable personal income | 2.5 | 3.5 | 2.6 | 4.2 | 2.7 | 2.4 | 12.8 |

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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | II | III |
| Percent change at annual rale: Gross domestic product ... | 4.1 | 4.1 | 1.3 | 1.9 | 1.3 | . 3 | -. 4 |
| Percentage points at annual rates: |  |  |  |  |  |  |  |
| Personal consumption | $\begin{array}{r} 3.35 \\ .97 \\ .93 \\ 1.45 \end{array}$ | 3.28.77.94 | 2.88 | 2.14 | 2.05 | 1.72 |  |
| expendilures................ |  |  |  |  |  |  | .83.14 |
| Durable goods................. |  |  |  |  | . 83 | . 56 |  |
| Nondurable goods.......... |  |  | 1.38 | 2.19 | . 49 | . 06 | . 58 |
| Services...................... | 1.45 | 1.57 |  |  | . 73 | 1.10 |  |
| Gross private domestic |  |  |  |  |  |  |  |
| investment.................. | 1.14 | 1.191.28 | -. 51 | -. 42 | -2.28 | -2.16 | -1.82 |
| Fixed investment ............ | 1.29 |  | $\begin{array}{r}.44 \\ .91 \\ \hline\end{array}$ | .09.13 | .33-.02 | -1.74 | -1.45 |
| Nonresidential............. | 1.01 | 1.25.19 |  |  |  | -1.99 | -1.53 |
| Structures .............. | -. 07 |  | .45 | . 24 | . 39 | -. 44 | -. 42 |
| Equipment and sottware | 1.08 | 1.06.04 | $\begin{array}{r} .46 \\ -.47 \end{array}$ | $\begin{aligned} & -.11 \\ & -.05 \end{aligned}$ | -41.35 | -1.55.25 | -1.11-.08 |
| Residential................. | . 28 |  |  |  |  |  |  |
| Change in private inventories | -. 15 | -. 09 | -. 95 | -. 50 | -2.61 | -. 42 | -. 37 |
| Net exports of goods and |  | -. 79 | -. 70 | -. 39 | $63-12$ |  |  |
| services ...................... | -. 98 |  |  |  |  |  | . 32 |
| Exports ........................ | .35 | 1.01.85 | 1.13 <br> 1.36 | -.46 | -.13-.19 | -1.37-1.45 | -1.87-1.44 |
| Goods ...................... | . 30 |  |  |  |  |  |  |
| Services ..................... | . 05 | .17 | -. 22 | 12 | . 06 | . 08 | $-43$ |
| Imports...................... | -1.33 | -1.81-1.54 | -1.84 | . 07 | . 76 | 1.25 | 2.191.53 |
| Goods ....................... | -1.31 |  | -1.48 | . 00 |  | 1.21.05 |  |
| Services................... | -. 02 | -. 26 | $-.36$ |  | -. 81 |  | $\begin{array}{r}1.53 \\ \hline 66\end{array}$ |
| Government consumption expendifures and gross investment Federal. National defense $\qquad$ Nondefense. State and local.$\qquad$ | 58 | 47 | -. 32 |  | . 92 |  |  |
|  |  |  |  |  |  |  |  |
|  | 13 | .10.00 | -.66 | .27 <br> .38 | . 19 | .11.09 | .27.19 |
|  | . 08 |  |  |  |  |  |  |
|  | . 05 | . 10 | $\begin{array}{r}-.24 \\ \hline .34\end{array}$ | $\begin{array}{r}\text { - } \\ -.11 \\ \hline\end{array}$ | $\begin{array}{r} .00 \\ -.09 \\ .73 \end{array}$ | . 02 |  |
|  | . 44 |  |  |  |  |  | . 05 |

Note.- More detailed contributions to percent change in real gross domestic product are shown in table 8.2 through 8.6

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

## 1. National Product and Income

Table 1.1.-Gross Domestic Product
[Billions of dollars]

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | II | III |
| Gross domestic product | 9,268.6 | 9,872.9 | 9,937.5 | 10,027.9 | 10,141.7 | 10,202.6 | 10,247.7 |
| Personal consumption expenditures. $\qquad$ Durable goods. $\qquad$ Nondurable goods... Services $\qquad$ | 6,250.2 | 6.728 .4 | 6785.5 | 6,871.4 | 6.977 .6 | 7.044 .6 | 7.059 .0 |
|  | -760.9 | +719.6 | -825.4 | 6,871.4 | 6,978.0 | 7,044.6 | 7,052.2 |
|  | 1,831.3 | 1,989.6 | 2,012.4 | 2,025.1 | 2,047.1 | 2,062.3 | 2,057.8 |
|  | 3,658.0 | 3,919.2 | 3,947.7 | 4,027.5 | 4,092.4 | 4,137.6 | 4,158.9 |
| Gross private domesticinvestment...........Fixed investment ..... | 1,636.7 | 1,767.5 | 1,788.4 | 1,780.3 | 1,722.8 | 1,669.9 | 1,622.6 |
|  | 1,578.2 | 1,718.1 | 1,735.9 | 1,741.6 | 1,748.3 | 1,706.5 | 1,669.2 |
| Nonresidential | 1,174.6 | 1,293.1 | 1,314.9 | 1,318.2 | 1,311.2 | 1,260.2 | 1,219.7 |
| Structures $\qquad$ Equipment and | 283.5 | 313.6 | 321.1 | 330.9 | 345.8 | 338.6 | 329.7 |
| Software ........ | 891.1 | 979.5 | 993.8 | 987.3 | 965.4 | 921.7 | 890.0 |
| Residential........... | 403.5 | 425.1 | 421.0 | 423.4 | 437.0 | 446.2 | 449.5 |
| Change in private inventories | 58.6 | 49.4 | 52.5 | 38.7 | -25.5 | -36.6 | -46.6 |
| Net exports of goods |  |  |  |  |  |  |  |
| and services ........... | -250.9 | -364.0 | -380.6 | -390.6 | -363.8 | -347.4 | -277.3 |
| Exports................... | 989.8 | 1,102.9 | 1,131.1 | 1,121.0 | 1,117.4 | 1,079.6 | 1,028.1 |
| Goods ................. | 698.3 | 785.6 | 813.4 | 799.7 | 794.2 | 754.4 | 713.5 |
| Services.............. | 291.5 | 317.3 | 317.7 | 321.3 | 323.2 | 325.2 | 314.6 |
| imports .................. | 1,240.6 | 1,466.9 | 1,511.8 | 1,511.6 | 1,481.2 | 1,427.0 | 1,305.4 |
| Goods................. | 1,046.9 | 1,244.9 | 1,283.0 | 1,284.0 | 1,248.7 | 1,197.8 | 1,135.4 |
| Services............... | 193.7 | 221.9 | 228.7 | 227.7 | 232.5 | 229.2 | 170.0 |
| Government consumption expenditures and gross investment...., Federal. National defense.. Nondefense $\qquad$ <br> State and local $\qquad$ |  |  |  |  |  |  |  |
|  | 1,632.5 | 1,741.0 | 1,744.2 | 1,766.8 | 1,805.2 | 1,835.4 | 1,843.5 |
|  | 564.0 | 590.2 | 587.0 | 594.2 | 605.3 | 609.9 | 617.1 |
|  | 364.5 | 375.4 | 372.1 | 382.4 | 392.9 | 396.1 | 401.1 |
|  | 199.5 | 214.8 | 214.9 | 211.8 | 212.4 | 213.8 | 216.0 |
|  | 1,068.5 | 1,150.8 | 1,157.2 | 1,172.6 | 1,199.8 | 1,225.5 | 1,226.4 |

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]

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | II | III |
| Gross domestic product.. | 8,856.5 | 9,224.0 | 9,260.1 | 9,303.9 | 9,334.5 | 9,341.7 | 9,333.4 |
| Personal consumption |  |  |  |  |  |  |  |
| expenditures........... | 5,968.4 | 6,257.8 | 6,292.1 | 6,341.1 | 6,388.5 | 6,428.4 | 6,447.8 |
| Durable goods. | 817.8 | 895.5 | 904.1 | 899.4 | 922.4 | 938.1 | 942.0 |
| Nondurable goods. | 1,766.4 | 1,849.9 | 1,864.1 | 1,866.8 | 1,878.0 | 1,879.4 | 1,882.1 |
| Services .......................... | 3,393.2 | 3,527.7 | 3,540.2 | 3,588.8 | 3,605.1 | 3,629.8 | 3,642.6 |
| Gross private domestic investment | 1,660.1 | 1,772.9 | 1,788.8 | 1,778.3 | 1,721.0 | 1,666.2 | 1,619.6 |
| Fixed investment ................ | 1,595.4 | 1,716.2 | 1,730.1 | 1,732.1 | 1,740.3 | 1,696.4 | 1,659.5 |
| Nonresidential ................ | 1,228.6 | 1,350.7 | 1,371.1 | 1,374.5 | 1,373.9 | 1,320.9 | 1,279.8 |
| Structures.................. | 256.9 | 272.8 | 278.2 | 283.3 | 291.7 | 282.3 | 273.3 |
| Equipment and software | 978.3 | 1,087.4 | 1,102.3 | 1,099.3 | 1,087.7 | 1,043.2 | 1,011.0 |
| Residential. | 368.3 | 371.4 | 366.3 | 365.3 | 372.9 | 378.3 | 380.0 |
| Change in private inventories | 62.1 | 50.6 | 51.7 | 42.8 | -27.1 | -38.3 | -50.4 |
| Net exports of goods and |  |  |  |  |  |  |  |
| services ........................... | -316.9 | -399.1 | -411.2 | -421.1 | -404.5 | -406.7 | -395.0 |
| Exports............................ | 1,034.9 | 1,133.2 | 1,159.3 | 1,147.5 | 1,144.1 | 1,108.3 | 1,059.0 |
| Goods. | 751.3 | 836.1 | 864.8 | 849.5 | 844.4 | 805.2 | 765.7 |
| Services........................ | 284.2 | 299.3 | 297.8 | 300.5 | 301.8 | 303.6 | 293.3 |
| Imports ........................... | 1,351.7 | 1,532.3 | 1.570 .6 | 1,568.5 | 1,548.6 | 1,515.0 | 1,454.0 |
| Goods.......................... | 1,159.2 | 1,315.6 | 1,348.0 | 1,345.9 | 1,322.8 | 1,290.1 | 1,247.4 |
| Services........................ | 194.3 | 218.7 | 224.6 | 224.7 | 227.4 | 226.2 | 207.7 |
| Government consumption expendilures and gross investment. | Government consumption |  |  |  |  |  |  |
| Federal ............................. | +536.7 | 545.9 | 541.8 | 547.9 | - 552.2 | 554.7 | 561.0 |
| National defense .............. | 348.6 | 349.0 | 345.1 | 353.8 | 360.3 | 362.4 | 366.8 |
| Nondefense ................... | 188.1 | 196.7 | 196.5 | 194.0 | 191.8 | 192.3 | 194.1 |
| State and local................... | 994.7 | 1,026.3 | 1,027.6 | 1,034.3 | 1,050.5 | 1,067.4 | 1,068.4 |
| Residual.............................. | . 1 | -4.4 | -6.0 | $-3.3$ | 5.2 | 14.3 | 19.6 |

NoTE.- Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 996 current-dollar value of the corresponding series, divided by 100 . Because the formula for the chain-typ quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usuall not additive. The residual line is the difference between the first line and the sum of the most detailed lines. Percent changes from preceding period for selected items in this table are shown in table 8.1; contributions to the percent change in real gross domestic product are shown in table 8.2 .

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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | 111 | IV | 1 | 11 | III |
| Gross domestic product | 9,268.6 | 9,872.9 | 9,937.5 | 10,027.9 | 10,141.7 | 10,202.6 | 10,247.7 |
| Final sales of domestic product | 9,210.0 | 9,823.6 | 9,884.9 | 9,989.2 | 10,167.2 | 10,239.1 | 10,294.3 |
| Change in private inventories... | 58.6 | 49.4 | 52.5 | 38.7 | -25.5 | -36.6 | -46.6 |
| Goods. | 3,477.2 | 3,694.2 | 3,729.7 | 3,709.3 | 3,693.4 | 3,678.4 | 3,651.3 |
| Final sales..... | 3,418.6 | 3,644.8 | 3,677.2 | 3,670.6 | 3,718.8 | 3,715.0 | 3,697.9 |
| Change in private inventories ..... |  | 49.4 | 52.5 | 38.7 | -25.5 | -36.6 | -46.6 |
| Durable goods......... | 1,654.1 | 1,769.9 | 1,786.8 | 1,772.2 | 1,724.8 | 1,694.9 | 1,657.0 |
| Final sales........... | 1,618.8 | 1,735.2 | 1,753.8 | 1,740.7 | 1,755.8 | 1,737.2 | 1,704.0 |
| Change in private inventories ' $\qquad$ | 35.3 |  | 33.0 | 31.5 | -31.0 | -42.3 | -47.0 |
| Nondurable goods.... | 1,823.1 | 1,924.3 | 1,942.9 | 1,937.1. | 1,968.6 | 1.983 .5 | 1,994.3 |
| Final sales.......... | 1,799.8 | 1,909.6 | 1,923.5 | 1,929.9 | 1,963.1 | 1,977.8 | 1,993.9 |
| Ghange in private inventories '. | 23.3 | 14.7 | 19.5 | 7.2 | 5.5 | 5.8 | . 4 |
| Services .................... | 4,939.1 | 5,268.4 | 5,296.1 | 5,393.0 | 5,482.8 | 5,545.7 | 5,632.4 |
| Structures ................. | 852.3 | 910.3 | 911.6 | 925.6 | 965.6 | 978.4 | 964.0 |
| Motor vehicle output Gross domestic | 353.5 | 353.0 | 351.4 | 332.1 | 315.5 | 331.5 | 336.0 |
| product less motor vehicle output....... | 8,915.1 | 9,519.9 | 9,586.0 | 9,695.8 | 9,826.3 | 9,871.1 | 9,911.8 |

1. Estimates for durable goods and nondurable goods for 1997 and earlier periods are based on the 1987 Standard Industriai Classification (SIC); later estimates for these industries are based on the North American Industry lassification System (NAICS)
Note-- Percent changes from preceding period for gross domestic product and for final sales of domestic
product are shown in table 8.1.

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

[Billions of dollars]

| Gross domestic product | 9,268.6 | 9,872.9 | 9,937.5 | 10,027.9 | 10,141.7 | 10,202.6 | 10,247.7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Less: Exports of goods and services. | 989.8 | 1,102.9 | 1,131.1 | 1,121.0 | 1,117.4 | 1,079.6 | 1,028.1 |
| Plus: Imports of goods and services | 1,240.6 | 1,466.9 | 1,511.8 | 1,511.6 | 1,481.2 | 1,427.0 | 4 |
| Equals: Gross domestic purchases. | 9,519.5 | 10,236.9 | 10,318.1 | 10,418.5 | 10,505.6 | 10,549.9 | 10,525.1 |
| Less: Change in private inventories... | 58.6 | 49.4 | 52.5 | 38.7 | -25.5 | -36.6 | -46.6 |
| Equals: Final sales to domestic purchasers | 9,460.9 | 10,187.5 | 10,265.6 | 10,379.8 | 10,531.0 | 10,586.5 | 10,571.7 |

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 | 9,268.6 | 9,872.9 | 9,937.5 | 10,027.9 | 10,141.7 | 10,202.6 | 10,247.7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 7,840.6 | 8,356.8 | 8,411.6 | 8,487.8 | 8,574.1 | 8,609.4 | 8,629.7 |
| Nonfarm ${ }^{2}$ Nontarm | 7,766.3 | 8,277.8 | 8,331.0 | 8,404.3 | 8,489.2 | 8,525.2 | 8,540.0 |
| Nontarm less housing.. | 7,015.2 | 7,480.8 | 7,530.6 | 7,592.5 | 7,670.5 | 7,687.7 | 7,698.7 |
| Housing.... | 751.1 | 796.9 | 800.4 | 811.9 | 818.7 | 837.5 | 841.3 |
| Farm..... | 74.3 | 79.0 | 80.7 | 83.5 | 84.9 | 84.2 | 89.7 |
| Households and institutions |  |  |  |  |  |  |  |
| institutions....... | 403.3 | 432.0 | 435.7 | 443.6 | 454.3 | 465.6 | 475.4 |
| Private households... | 12.7 | 13.6 | 13.8 | 14.4 | 14.8 | 15.1 | 15.4 |
| Nonprofit institutions | 390.6 | 418.4 | 421.9 | 429.2 | 439.5 | 450.5 | 460.0 |
| General government ${ }^{3}$.. | 1,024.7 | 1,084.2 | 1,090.1 | 1,096.5 | 1,113.3 | 1,127.6 | 1,142.7 |
| Federal.................. | 308.1 | 323.8 | 324.6 | 323.2 | 329.6 | 332.2 | 335.1 |
| State and local......... | 716.6 | 760.4 | 765.5 | 773.3 | 783.7 | 795.3 | 807.5 |

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

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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | II | III |
| Gross domestic product.. | 8,856.5 | 9,224.0 | 9,260.1 | 9,303.9 | 9,334.5 | 9,341.7 | 9,333.4 |
| Final sales of domestic product | 8.792 .0 | 9,167.0 | 9,201.3 | 9,256.7 | 9,347.8 | 9,364.8 | 9,365.2 |
| Change in private inventories | 62.1 | 50.6 | 51.7 | 42.8 | -27.1 | -38.3 | -50.4 |
| Residual | 2.4 | 6.4 | 7.1 | 4.4 | 13.8 | 15.2 | 18.6 |
| Goods | 3,516.1 | 3,719.4 | 3,752.9 | 3,730.3 | 3,706.2 | 3,672.2 | 3,647.5 |
| Final sales........... | 3,451.7 | 3,663.1 | 3,694.5 | 3,684.5 | 3,726.3 | 3,703.1 | 3,687.9 |
| Change in private inventories | 62.1 | 50.6 | 51.7 | 42.8 | -27.1 | -38.3 | -50.4 |
| Durable goods.................... | 1,762.7 | 1,908.1 | 1,926.8 | 1,913.1 | 1,873.6 | 1,848.9 | 1,811.3 |
| Final sales...................... | 1,722.9 | 1,868.7 | 1,889.0 | 1,877.1 | 1,907.3 | 1,894.8 | 1,863.4 |
| Change in private inventories ${ }^{1}$ $\qquad$ | 37.5 | 36.0 | 34.8 | 32.8 | -32.8 | -44.5 | -51.1 |
| Nondurable goods............. | 1,759.3 | 1,822.2 | 1,837.3 | 1,828.0 | 1,839.8 | 1,829.4 | 1,838.3 |
| Final sales | 1,734.5 | 1,804.8 | 1,816.5 | 1,817.6 | 1,830.5 | 1,819.5 | 1,832.0 |
| Change in private inventories $\qquad$ | 24.6 | 15.1 | 17.2 | 10.5 | 4.5 | 4.5 | -. 8 |
| Services. | 4,572.8 | 4,725.1 | 4,732.5 | 4,789.9 | 4,816.1 | 4,848.4 | 4,877.4 |
| Structures............................ | 774.3 | 792.2 | 789.9 | 794.3 | 817.6 | 821.8 | 806.9 |
| Residual. | -10.1 | -17.9 | -19.8 | -18.3 | -8.7 | -2.8 | 5.6 |
| Addenda: |  |  |  |  |  |  |  |
| Motor vehicle output.......... | 356.2 | 353.8 | 352.2 | 333.1 | 318.1 | 336.1 | 340.2 |
| Gross domestic product less motor vehicle output ....... | 8,502.0 | 8,870.8 | 8,908.5 | 8,969.8 | 9,014.0 | 9,004.9 | 8,992.8 |

1. Estimates for durabie 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 quantity indexes uses weights of corresponding series, divided by 100 . Because the formula for the chain-type not additive. The residual line following change in private inventories is the difference between gross domestic product and the sum of final sales of domestic product and of change in private inventories; the residual line following structures is the difference between gross domestic product and the sum of the detailed lines of goods, of services, and of structures.
Percent changes from preceding period for gross domestic product and for final sales of domestic product are hown 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 Saies to Domestic Purchasers [Billions of chained (1996) dollars]

| Gross domestic product ........ |
| :--- |
| Less: Exports of goods and |
| services....................... |
| Plus: Imports of goods and |
| services............................ |
| Equa/s: Gross domestic |
| purchases ................... |
| Less: Change in private |
| inventories ........................ |
| Equals: Final sales to |
| domestic purchasers .......... |


| $\mathbf{8 , 8 5 6 . 5}$ | $\mathbf{9 , 2 2 4 . 0}$ | $\mathbf{9 , 2 6 0 . 1}$ | $\mathbf{9 , 3 0 3 . 9}$ | $\mathbf{9 , 3 3 4 . 5}$ | $\mathbf{9 , 3 4 1 . 7}$ | $\mathbf{9 , 3 3 3 . 4}$ |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $1,034.9$ | $1,133.2$ | $1,159.3$ | $1,147.5$ | $1,144.1$ | $1,108.3$ | $1,059.0$ |
| $1,351.7$ | $1,532.3$ | $1,570.6$ | $1,568.5$ | $1,548.6$ | $1,515.0$ | $1,454.0$ |
| $\mathbf{9 , 1 5 4 . 9}$ | $\mathbf{9 , 5 9 4 . 7}$ | $\mathbf{9 , 6 4 1 . 5}$ | $\mathbf{9 , 6 9 4 . 4}$ | $\mathbf{9 , 7 1 0 . 4}$ | $\mathbf{9 , 7 2 0 . 4}$ | $\mathbf{9 , 7 0 4 . 5}$ |
| 62.1 | 50.6 | 51.7 | 42.8 | -27.1 | -38.3 | -50.4 |
| $\mathbf{9 , 0 9 0 . 3}$ | $\mathbf{9 , 5 3 7 . 7}$ | $\mathbf{9 , 5 8 2 . 5}$ | $\mathbf{9 , 6 4 7 . 1}$ | $\mathbf{9 , 7 2 3 . 8}$ | $\mathbf{9 , 7 4 3 . 7}$ | $\mathbf{9 , 7 3 6 . 6}$ |

NOTE, - Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 996 current-dollar value of the corresponding series, divided by 100 . Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dolar estimates are usually not additive.
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.. | 8,856.5 | 9,224.0 | 9,260.1 | 9,303.9 | 9,334.5 | 9,341.7 | 9,333.4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Business '. | 7,539.7 | $7,879.1$ | 7,912.1 | 7,949.8 | 7,971.6 | 7,967.3 | 7,947.7 |
| Nonfarm ${ }^{2}$ | 7,433.1 | 7,761.5 | 7,792.8 | 7,828.7 | 7,852.6 | 7,853.2 | 7,832.9 |
| Nonfarm less housing ..... | 6,744.6 | 7,053.3 | 7,083.9 | 7,115.8 | 7,141.0 | 7,132.3 | 7,117.0 |
| Housing. | 689.1 | 709.3 | 710.2 | 714.2 | 713.0 | 721.7 | 717.0 |
| Farm. | 106.0 | 120.5 | 123.0 | 125.5 | 121.9 | 114.6 | 115.6 |
| Households and institutions.. | 379.1 | 388.6 | 389.6 | 393.0 | 396.8 | 402.1 | 405.3 |
| Private households... | 11.7 | 12.0 | 12.1 | 12.6 | 12.7 | 12.9 | 13.1 |
| Nonprofit institutions .......... | 367.4 | 376.7 | 377.6 | 380.4 | 384.2 | 389.2 | 392.2 |
| General government '... | 939.5 | 959.3 | 961.5 | 964.4 | 969.1 | 974.7 | 981.9 |
| Federal | 285.8 | 290.1 | 290.4 | 289.8 | 289.9 | 290.9 | 293.3 |
| State and local...... | 653.5 | 669.0 | 670.9 | 674.3 | 679.0 | 683.6 | 688.3 |
| Residual............................. | -1.6 | -6.9 | -8.0 | -8.7 | -7.2 | -3.5 | -3.1 |

1. Equals gross domestic product less gross product of households and institutions and of general govern-2. Equals gross domestic business product less gross farm product

Equals compensation of general government employees plus general government consumption of fixed capitar as shown in table 3.8
Not.- Chained (1996) dollar series are calculated as the product of the chain-type quan for index and the ge current-dol:ar value of the corresponding series, divided by 100 . Because the formula for the chain-typ quantity indexes uses weights of more than one period, the corresponding chained-doilar estimates are usually not additive. 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 7.14.

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]

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | I | 11 | III |
| Gross domestic product | 8,856.5 | 9,224.0 | 9,260.1 | 9,303.9 | 9,334.5 | 9,341.7 | 9,333.4 |
| Plus: Income receipts from the rest of the world | 301.3 | 360.2 | 361.6 | 374.3 | 350.3 | 319.6 |  |
| Less: Income payments to the rest of the world | 304.7 | 367.0 | 373.7 | 365.8 | 355.2 | 325.7 |  |
| Equals: Gross national product | 8,853.0 | 9,216.4 | 9,247.2 | 9,311.7 | 9,329.1 | 9,335.5 |  |
| Less: Consumption of fixed capital | 1,162.3 | 1,238.9 | 1,249.4 | 1,279.1 | 1,313.1 | 1,353.4 | 1,407.0 |
| Private. | 967.9 | 1,036.2 | 1,045.7 | 1,073.4 | 1,105.6 | 1,144.2 | 1,188.5 |
| Government ...................... | 194.7 | 203.1 | 204.1 | 206.2 | 208.2 | 210.2 | 219.6 |
| General government....... | 166.6 | 173.9 | 174.8 | 176.5 | 178.2 | 180.0 | 181.9 |
| Government enterprises .. | 28.1 | 29.2 | 29.4 | 29.6 | 29.9 | 30.2 | 37.4 |
| Equals: Net national product . | 7,693.6 | 7,982.5 | 8,003.0 | 8,038.9 | 8,025.2 | 7,995.4 |  |
| Addenda: |  |  |  |  |  |  |  |
| Gross domestic income ${ }^{1}$.... | 8,926.0 | 9,345.7 | 9,405.7 | 9,443.1 | 9,445.4 | 9,472.8 |  |
| Gross national income ${ }^{\text {2 }}$ | 8,922.6 | 9,338.2 | 9,392.9 | 9,450.9 | 9,440.1 | 9,466.7 |  |
| Net domestic product.......... | 7,697.0 | 7,990.0 | 8,015.7 | 8,031.2 | 8,030.6 | 8,001.5 | 7,945.2 |
| 1. Gross domestic income deflated by the implicit price deflator for gross domestic product. 2. Gross national income deflated by the implicit price deflator for gross national product. NoTE.- Except as noted in footnotes $\uparrow$ 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 prod | 8,853.0 | 9,216.4 | 9,247.2 | 9,311.7 | 9,329.1 | 9,335.5 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Less: Exports of goods and services and income receipts from the rest of the world | 1,336.8 | 1,496.2 | 1,523.3 | 1,525.3 | 1,496.2 | 1,428.0 |  |
| Plus: Command-basis exports of goods and services and income receipts from the rest of the world ' $\qquad$ | 1,381.8 | $1,46.2$ $1,516.1$ | 1,539.7 | $1,525.3$ $1,542.2$ | $1,10.2$ $1,521.7$ | $1,48.0$ $1,467.3$ |  |
| Equals: Command-basis gross national product | 8,898.0 | 9,236.3 | 9,263.6 | 9,328.6 | 9,354.7 | 9,374.9 |  |
| Addendum: Terms of trade ${ }^{2}$ | 103.3 | 101.3 | 101.1 | 101.1 | 101.7 | 102.8 |  |
| 1. Exports of goods and services and income receipts deflated by the implicit price deflator for imports of goods and services and income payments. <br> 2. Ratio of the implicit price deflator for exports of goods and services and income receipts to the corresponding implicit price deflator for imports divided by 100. <br> 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. <br> Percent changes from preceding period for gross national product are shown in table 8.1. <br> Chain-type quantity indexes for the series in this table are shown in table 7.3. |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | II | III |
| National income ............. | 7,462.1 | 7,980.9 | 8,047.2 | 8,124.0 | 8,169.7 | 8,207.9 |  |
| Compensation of employees. | 5,310.7 | 5,715.2 | 5,759.3 | 5,868.9 | 5,955.7 | 6,010.8 | 6,043.9 |
| Wage and salary accruals.... | 4,477.4 | 4,837.2 | 4,875.8 | 4,973.2 | 5,049.4 | 5,099.8 | 5,129.4 |
| Government................... | 724.3 | 768.4 | 772.6 | 776.6 | 788.8 | 799.6 | 812.0 |
| Other | 3,753.1 | 4,068.8 | 4,103.2 | 4,196.6 | 4,260.6 | 4,300.2 | 4,317.5 |
| Supplements to wages and salaries | 833.4 | 878.0 | 883.5 | 895.7 | 906.3 | 911.0 | 914.5 |
| Employer contributions for social insurance | 323.6 509.7 | 343.8 | 345.6 537 | 350.8 | 357.1 | 358.8 | 359.2 |
| Other labor income......... | 509.7 | 534.2 | 537.9 | 544.9 | 549.3 | 552.2 | 555.3 |
| Propriators' income with inventory valuation and capital consumption adjustments $\qquad$ Farm. $\qquad$ | 672.0 | 715.0 | 719.3 | 725.2 | 735.2 | 745.3 | 752.3 |
|  | 26.6 | 30.6 | 31.6 | 31.7 | 29.8 | 28.7 | 31.8 |
| Proprietors' income with inventory valuation adjustment $\qquad$ <br> Capital consumption | 35.0 | 38.2 | 39.1 | 38.9 | 37.2 | 36.0 | 39.4 |
| adjustment.......... | -8.4 | $-7.6$ | -7.5 | -7.2 | -7.4 | -7.3 | -7.6 |
| Nonfarm ........................... | 645.4 | 684.4 | 687.6 | 693.5 | 705.4 | 716.6 | 720.5 |
| Proprietors' income........ | 588.0 | 625.9 | 628.6 | 633.6 | 642.7 | 652.5 | 652.8 |
| Inventory valuation adjustment | -. 8 | -1.1 | -. 1 | -. 4 | -. 1 | -. 8 | . 5 |
| Capital consumption adjustment. $\qquad$ | 58.1 | 59.6 | 59.2 | 60.2 | 62.7 | 64.9 | 67.2 |
| Rental income of persons with capital consumption |  |  |  |  |  |  |  |
| adjustment...................... | 147.7 | 141.6 | 138.3 | 141.7 | 139.6 | 139.0 | 143.6 |
| Rental income of persons.... | 203.6 | 202.5 | 199.8 | 204.7 | 205.2 | 213.4 | 210.7 |
| Capital consumption adjustment. | -55.9 | -61.0 | -61.4 | -63.0 | -65.5 | -74.4 | -67.1 |
| Corporate profits with inventory valuation and capital consumption |  |  |  |  |  |  |  |
| capital consumption adjustments. | 825.2 | 876.4 | 895.0 | 847.6 | 789.8 | 759.8 | ........ |
| Corporate profits with inventory valuation |  |  |  |  |  |  | . |
| adjustment.................... | 773.4 | 833.0 | 854.6 | 809.2 | 753.8 | 729.5 | ........ |
| Profits before tax ........... | 776.3 | 845.4 | 858.3 | 816.5 | 755.7 | 738.3 | ........... |
| Profits tax liability ........ | 253.0 | 271.5 | 274.9 | 253.5 | 236.8 | 228.0 | ........... |
| Profits after tax ............ | 523.3 | 573.9 | 583.4 | 563.0 | 518.9 | 510.3 |  |
| Dividends ... | 343.5 | 379.6 | 386.2 | 397.0 | 405.2 | 412.3 | 420.4 |
| Undistributed profits Inventory valuation | 179.8 | 194.3 | 197.2 | 165.9 | 113.7 | 98.0 | ........... |
| Inventory valuation adjustment........... | -2.9 | -12.4 | -3.6 | -7.3 | -1.9 | -8.8 |  |
| Capital consumption |  |  |  |  |  |  |  |
| adjustment.................... | 51.7 | 43.4 | 40.4 | 38.4 | 36.0 | 30.3 | 12.6 |
| Net interest. | 506.5 | 532.7 | 535.3 | 540.6 | 549.4 | 553.0 | .......... |
| Addenda: |  |  |  |  |  |  |  |
| Corporate profits atter tax with inventory valuation |  |  |  |  |  |  |  |
| and capital consumption adjustments. | 572.1 | 604.9 | 620.1 | 594.1 | 553.0 | 531.8 | ...... |
| Net cash flow with inventory valuation and capital |  |  |  |  |  |  |  |
| consumption adjustments | 897.9 | 952.4 | 969.9 | 946.7 | 911.6 | 905.1 | ..... |
| Undistributed profits with inventory valuation and capital consumption |  |  |  |  |  |  |  |
| adjustments ............... | 228.7 | 225.3 | 233.9 | 197.0 | 147.8 | 119.5 |  |
| Consumption of fixed capital $\qquad$ | 669.2 | 727.1 | 736.0 | 749.7 | 763.8 | 785.6 | 847.7 |
| Less: Inventory valuation adjustment | -2.9 | -12.4 | -3.6 | -7.3 | -1.9 | -8.8 |  |
| Equals: Net cash flow.......... | 900.7 | 964.8 | 973.5 | 954.0 | 913.5 | 913.9 | ............ |

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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | 11 | III |
|  | Billions of dollars |  |  |  |  |  |  |
| Gross product of corporate <br> business........................ $5,667.6$ $6,110.8$ $6,174.1$ $6,226.6$ $6,265.9$ $6,296.3$ |  |  |  |  |  |  |  |
| Consumption of fixed capital .. | 669.2 | 727.1 | 736.0 | 749.7 | 763.8 | 785.6 | 847.7 |
| Net product $\qquad$ Indirect business tax and nontax liability plus business transfer | 4,998.4 | 5,383.8 | 5,438.1 | 5,476.9 | 5,502.1 | 5,510.6 | .... |
| payments less subsidies.. | 518.5 | 557.7 | 560.1 | 567.6 | 574.6 | 579.0 | 559.8 |
| Domestic income .............. | 4,479.8 | 4,826.0 | 4,878.0 | 4,909.3 | 4,927.4 | 4,931.6 | $\cdots$ |
| Compensation of employees $\qquad$ | 3,594.3 | 3,883.4 | 3,914.7 | 4,001.4 | 4,058.5 | 4,093.8 | 4,110.1 |
| Wage and salary accruals. | 3,082.8 | 3,342.9 | 3,370.8 | 3,449.7 | 3,500.6 | 3,533.0 | 3,547.1 |
| Supplements to wages and salaries | 511.5 | 540.5 | 544.0 | 551.6 | 557.9 | 560.8 | 562.9 |
| Corporate profits with <br> inventory valuation and <br> capital consumption   51.5    |  |  |  |  |  |  |  |
| adjustments ............... | 710.5 | 739.6 | 754.0 | 690.8 | 649.7 | 615.8 | .......... |
| Profits before tax ........ | 661.7 | 708.6 | 717.3 | 659.7 | 615.7 | 594.3 | ...... |
| Profits tax liability .... | 253.0 | 271.5 | 274.9 | 253.5 | 236.8 | 228.0 | .... |
| Profits after tax ........ | 408.7 | 437.1 | 442.4 | 406.2 | 378.9 | 366.3 |  |
| Dividends $\qquad$ Undistributed | 304.3 | 341.9 | 351.1 | 359.3 | 383.2 | 374.7 | .... |
| profits | 104.4 | 95.2 | 91.3 | 46.9 | -4.3 | -8.4 | ........... |
| Inventory valuation adjustment | -2.9 | -12.4 | -3.6 | -7.3 | -1.9 | -8.8 |  |
| Capital consumption adjustment | 51.7 | 43.4 | 40.4 | 38.4 | 36.0 | 30.3 | 12.6 |
| Net interest.................... | 175.0 | 203.0 | 209.2 | 217.2 | 219.2 | 222.0 | ............ |
| Gross product of financial corporate husiness .... | 661.5 | 730.1 | 736.9 | 763.6 | 769.6 | 756.6 |  |
| Gross product of nonfinancial corporate business. $\qquad$ | 5,006.1 | 5,380.7 | 5,437.1 | 5,463.0 | 5,496.3 | 5,539.7 |  |
| Consumption of fixed capital .. | 560.7 | 606.9 | 614.0 | 625.0 | 637.3 | 656.7 | 702.9 |
| Net product......................... | 4,445.4 | 4,773.9 | 4,823.1 | 4,838.0 | 4,859.0 | 4,883.0 |  |
| Indirect business tax and <br> nontax liability plus <br> business transter       |  |  |  |  |  |  |  |
| payments less subsidies.. | 479.2 | 516.5 | 518.8 | 526.0 | 532.9 | 537.0 | 517.7 |
| Domestic income ............... | 3,966.1 | 4,257.4 | 4,304.3 | 4,312.0 | 4,326.1 | 4,345.9 |  |
| Compensation of employees | 3,272.2 | 3,535.2 | 3,563.7 | 3,643.4 | 3,694.5 | 3,726.7 | 3,741.5 |
| Wage and salary accruals. | 2,805.4 | 3,041.7 | 3,066.9 | 3,139.5 | 3,185.1 | 3,214.6 | 3,227.5 |
| Supplements to wages and salaries | $2,805.4$ 466.9 | $3,041.7$ 493.5 | $3,066.9$ 496.7 | $3,139.5$ 503.9 | $3,185.1$ 509.4 | $3,214.6$ 512.0 | $3,227.5$ 5140 |
| and salaries. <br> Corporate profits with | 466.9 | 493.5 | 496.7 | 503.9 | 509.4 | 512.0 | 514.0 |
| Corporate profits with inventory valuation and capital consumption |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| adjustments ............... | 530.3 | 550.1 | 566.8 | 503.4 | 464.8 | 450.4 |  |
| Profits before tax ........ | 470.7 | 504.2 | 514.2 | 455.3 | 413.5 | 411.0 | ............ |
| Profits tax liability .... | 170.9 | 186.6 | 190.3 | 168.2 | 152.5 | 151.2 | ... |
| Profits after tax ........ | 299.8 | 317.6 | 323.9 | 287.1 | 261.0 | 259.8 |  |
| Dividends | 240.0 | 269.0 | 276.0 | 282.2 | 300.9 | 294.3 |  |
| Undistributed profits $\qquad$ | 59.8 | 48.6 | 48.0 | 5.0 | -39.9 | -34.5 | ............ |
| Inventory valuation |  |  | 48.0 | 5.0 | -39 | -34.5 | ..... |
| adjustment............. | -2.9 | -12.4 | -3.6 | -7.3 | -1.9 | -8.8 |  |
| Capital consumption |  |  |  |  |  |  |  |
| Net interest........................ | $62.5$ | $\begin{array}{r} 58.3 \\ 17 \end{array}$ | $56.2$ | $\begin{array}{r}55.4 \\ 165 \\ \hline\end{array}$ | $53.2$ | 48.2 | 30.0 |
| Net interest..................... | 163.6 | 172.1 | 173.8 | 165.2 | 166.8 | 168.9 |  |
|  | Billions of chained (1996) doliars |  |  |  |  |  |  |
| Gross product of nonfinancial corporate business ${ }^{1}$ $\qquad$ |  |  |  |  |  |  |  |
|  | 4,915.1 | 5,220.5 | 5,258.0 | 5,284.5 | 5,293.0 | 5,304.2 |  |
| Consumption of fixed capital ${ }^{2}$ | 4,579.1 | 624.8 | 631.0 | 650.1 | , 666.7 | , 688.4 | 730.6 |
| Net product ${ }^{3}$.......................... | 4,336.0 | 4,595.7 | 4,637.0 | 4,634.4 | 4,626.3 | 4,615.8 | ............ |

1. Effective with the estimates scheduled for release on November 30, 2001, chained-dollar gross product of nonfinancial corporate business for 1998 to 2001 will be revised to reflect revisions to the gross product price indexes for nonfinancial industries.
2. Chained-dollar consumption of fixed capital of nonfinancial corporate business is calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100 . 3. Chained-dollar net product of nonfinancial corporate business is the difference between the gross product
and the consumption of fixed capital.

## 2. Personal Income and Outlays

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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | II | III |
| Personal income . | 7,777.3 | 8,319.2 | 8,381.5 | 8,519.6 | 8,640.2 | 8,714.6 | 8,777.3 |
| Wage and salary <br> disbursements $4,472.2$ $4,837.2$ $4,875.8$ $4,973.2$ $5,049.4$ $5,099.8$ $5,129.4$ |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| Private industries. Goods-producing | 3,747.9 | 4,068.8 | 4,103.2 | 4,196.6 | 4,260.6 | 4,300.2 | 4,317.5 |
| industries ......... | 1,088.7 | 1,163.7 | 1,173.2 | 1,195.5 | 1,206.3 | 1,204.4 | 1,200.8 |
| Manufacturing | 782.0 | 830.1 | 838.0 | 852.2 | 853.3 | 850.2 | 843.5 |
| Distributive industries.. | 1,021.0 | 1,095.6 | 1,102.4 | 1,125.9 | 1,140.3 | 1,148.2 | 1,148.9 |
| Service industries ........ | 1,638.2 | 1,809.5 | 1,827.6 | 1,875.2 | 1,914.0 | 1,947.6 | 1,967.7 |
| Government.................. | 724.3 | 768.4 | 772.6 | 776.6 | 788.8 | 799.6 | 812.0 |
| Other labor income ........... | 509.7 | 534.2 | 537.9 | 544.9 | 549.3 | 552.2 | 555.3 |
| Proprietors' income with inventory valuation and capital consumption |  |  |  |  |  |  |  |
| adjustments | 672.0 | 715.0 | 719.3 | 725.2 | 735.2 | 745.3 | 752.3 |
| Farm | 26.6 | 30.6 | 31.6 | 31.7 | 29.8 | 28.7 | 31.8 |
| Nonfarm | 645.4 | 684.4 | 687.6 | 693.5 | 705.4 | 716.6 | 720.5 |
| Rental income of persons with capital consumption |  |  |  |  |  |  |  |
| Personal dividend income . | 343.1 | 379.2 | 385.8 | 396.6 | 404.8 | 411.9 | 420.0 |
|  |  |  |  |  |  |  |  |
| Transfer payments to persons | 1,019.6 | 1,069.1 | 1,074.6 | 1,089.0 | 1,123.1 | 1,139.4 | 1,160.0 |
| Old-age, survivors, disability, and health insurance benefits........ Government | 588.0 | 617.3 | 620.9 | 626.5 | 651.4 | 660.1 | 671.8 |
| unemployment insurance benefits........ | 20.3 | 20.3 | 20.1 | 22.1 | 22.7 | 23.1 | 24.0 |
| Veterans benefits ............. | 24.3 | 25.1 | 25.2 | 25.3 | 26.2 | 25.8 | 26.6 |
| Other transfer payments.. | 387.0 | 406.4 | 408.5 | 415.1 | 422.8 | 430.4 | 437.6 |
| Family assistance '...... | 17.7 | 18.3 | 18.4 | 18.6 | 19.0 | 19.2 | 19.3 |
| Other......................... | 369.3 | 388.1 | 390.1 | 396.5 | 403.8 | 411.2 | 418.3 |
| Less: Personal contributions for social insurance $\qquad$ | 337.1 | 357.7 | 359.4 | 364.1 | 372.1 | 374.0 | 374.6 |
| Less: Personal tax and nonlax payments | 1,159.2 | 1,288.2 | 1,300.2 | 1,329.8 | 1,345.2 | 1,351.4 | 1,197.0 |
| Equals: Disposable personal |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Personal consumption expenditures $\qquad$ | 6,250.2 | 6,728.4 | 6,785.5 | 6,871.4 | 6,977.6 | 7,044.6 | 7,059.0 |
|  |  |  | 211.3 | 212.9 | 208.5 | 206.3 | 203.8 |
| Personal transfer payments to the rest of the world (net). $\qquad$ | 27.2 | 29.6 | 30.1 | 30.8 | 30.1 | 30.8 | 30.7 |
| Equals: Personal saving ........ | 160.9 | 67.7 | 54.5 | 74.7 | 78.8 | 81.5 | 286.7 |
| Addenda: |  |  |  |  |  |  |  |
| Disposable personal income: Total, billions of chained |  |  |  |  |  |  |  |
| Per capita: |  |  |  |  |  |  |  |
| Current dollars............ | 24,242 | 25,528 | 25,682 | 26,013 | 26,335 | 26,520 | 27,238 |
| Chained (1996) dollars | 23,150 | 23,742 | 23,814 | 24,006 | 24,111 | 24,200 | 24,880 |
| Population (mid-period, millions) | 273.0 | 275.4 | 275.7 | 276.4 | 277.0 | 277.7 | 278.3 |
| Personal saving as a percentage of disposable personal income............. | 2.4 | 1.0 | . 8 | 1.0 | 1.1 | 1.1 | 3.8 |

1. Consists of aid to families with dependent chidren 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 expendi-
tures.
Note.- Percent changes from preceding period for disposable personal income are shown in table 8.1 .

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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | 11 | III |
| Personal consumption expenditures $\qquad$ | 6,250.2 | 6,728.4 | 6,785.5 | 6,871.4 | 6,977.6 | 7,044.6 | 7,059.0 |
| Durable goods.. | 760.9 | 819.6 | 825.4 | 818.7 | 838.1 | 844.7 | 842.2 |
| Motor vehicles and parts..... Furniture and household | 324.7 | 346.8 | 349.6 | 343.2 | 358.6 | 362.3 | 360.7 |
| equipment .................... | 285.2 | 307.3 | 309.4 | 307.4 | 308.4 | 310.0 | 309.7 |
| Other .............................. | 151.0 | 165.5 | 166.3 | 168.0 | 171.1 | 172.5 | 171.9 |
| Nondurable goods................ | 1,831.3 | 1,989.6 | 2,012.4 | 2,025.1 | 2,047.1 | 2,062.3 | 2,057.8 |
| Food... | 899.8 | 957.5 | 967.2 | 971.4 | 982.0 | 987.0 | 997.5 |
| Clothing and shoes.. | 300.9 | 319.1 | 321.6 | 323.5 | 325.7 | 322.4 | 315.7 |
| Gasoline, fuel oil, and other energy goods............ |  |  |  |  |  |  |  |
| energy goods............... | 129.5 | 183.2 | 186.8 168.7 | 189.4 170.1 | 188.9 169.5 | 194.0 177.3 | 174.7 161.8 |
| Fuet oil and coal.............. | 13.6 | 17.9 | 18.1 | 19.3 | 19.4 | 16.7 | 12.9 |
| Other............................ | 487.6 | 529.8 | 536.8 | 540.8 | 550.5 | 559.0 | 570.0 |
| Services | 3,658.0 | 3,919.2 | 3,947.7 | 4,027.5 | 4,092.4 | 4,137.6 | 4,158.9 |
| Housing........................ | 909.0 | 958.8 | 964.4 | 978.0 | 992.8 | 1,008.2 | 1,023.5 |
| Household operation.......... | 359.7 | 385.7 | 389.0 | 408.1 | 420.1 | 414.5 | 417.0 |
| Electricity and gas. | 129.7 | 141.4 | 142.6 | 156.9 | 164.4 | 157.9 | 155.4 |
| Other household operation | 230.0 | 244.2 | 246.4 | 251.3 | 255.7 | 256.7 | 261.6 |
| Transportation................... | 257.4 | 272.8 | 274.4 | 278.8 | 280.5 | 279.8 | 277.2 |
| Medical care ..................... | 939.9 | 996.5 | 1,004.2 | 1,020.0 | 1,039.8 | 1,054.6 | 1,060.9 |
| Recreation....................... | 238.9 | 256.2 | 258.1 | 260.9 | 267.3 | 271.0 | 271.4 |
| Other ............................. | 953.1 | 1,049.3 | 1,057.6 | 1,081.7 | 1,092.0 | 1,109.3 | 1,109.0 |
| Addenda: |  |  |  |  |  |  |  |
| Energy goods and services ${ }^{1}$ | 272.7 | 324.6 | 329.5 | 346.3 | 353.3 | 351.8 | 330.1 |
| Personal consumption expenditures less food and energy $\qquad$ | 5,077.7 | 5,446.3 | 5,488.8 | 5,553.7 | 5,642.3 | 5,705.8 | 5,731.4 |

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 expendifures | 5,968.4 | 6,257.8 | 6,292.1 | 6,341.1 | 6,388.5 | 6,428.4 | 6,447.8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Durable goods | 817.8 | 895.5 | 904.1 | 899.4 | 922.4 | 938.1 | 942.0 |
| Motor vehicles and parts. | 327.6 | 348.3 | 351.2 | 343.9 | 357.0 | 361.9 | 361.9 |
| Furniture and household equipment | 334.7 | 377.0 | 381.3 | 383.8 | 391.0 | 400.5 | 405.5 |
| Other ............................... | 156.3 | 172.8 | 174.3 | 175.4 | 177.5 | 179.5 | 179.1 |
| Nondurable goods. | 1,766.4 | 1,849.9 | 1,864.1 | 1,866.8 | 1,878.0 | 1,879.4 | 1,882.1 |
| Food | 847.8 | 881.3 | 886.2 | 886.4 | 887.3 | 886.1 | 887.3 |
| Clothing and shoes.. | 312.1 | 335.3 | 339.8 | 339.9 | 342.7 | 344.1 | 341.7 |
| Gasoline, fuel oil, and other |  |  |  |  |  |  |  |
| energy goods................. | 151.3 | 150.3 | 151.5 | 150.9 | 152.6 | 150.1 | 148.3 |
| Gasoline and oil | 136.7 | 136.6 | 137.6 | 137.2 | 138.9 | 137.7 | 138.7 |
| Fuel oil and coal.............. | 14.6 | 13.8 | 14.0 | 13.8 | 13.8 | 12.6 | 10.0 |
| Other. | 455.9 | 484.5 | 488.4 | 491.4 | 497.3 | 501.4 | 506.8 |
| Services | 3,393.2 | 3,527.7 | 3,540.2 | 3,588.8 | 3,605.1 | 3,629.8 | 3,642.6 |
| Housing. | 831.6 | 850.1 | 851.9 | 856.6 | 861.3 | 864.9 | 869.0 |
| Household operation | 358.2 | 377.6 | 379.8 | 393.4 | 392.3 | 387.0 | 390.3 |
| Electricity and gas | 132.2 | 136.4 | 135.8 | 144.4 | 140.1 | 135.0 | 135.1 |
| Other household operation | 225.8 | 241.0 | 243.9 | 248.7 | 252.3 | 252.7 | 256.0 |
| Transportation.................. | 244.0 | 251.3 | 251.7 | 253.8 | 254.4 | 254.2 | 252.2 |
| Medical care. | 877.9 | 903.9 | 906.9 | 915.0 | 921.6 | 932.1 | 940.3 |
| Recreation. | 219.5 | 227.0 | 227.2 | 228.5 | 232.2 | 232.8 | 231.7 |
| Other .............................. | 861.4 | 917.1 | 922.1 | 941.3 | 942.8 | 957.7 | 958.3 |
| Residual | -9.7 | -18.6 | -20.2 | -19.0 | -21.7 | -24.8 | -25.8 |
| Addenda: |  |  |  |  |  |  |  |
| Energy goods and services ' | 283.4 | 286.4 | 287.2 | 294.4 | 292.2 | 284.7 | 283.0 |
| Personal consumption expenditures less food and energy | 4,836.3 | 5,089.0 | 5,117.9 | 5,159.2 | 5,208.4 | 5,258.5 | 5,278.5 |

1. Consists of gasoline, fuel oil, and other energy goods and of electricity and gas. 996 current-doilar value of the corresponding series, divided by 100 . Because the formula for the chain-typ 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.
hain-type quantity indexes for the series in this table are shown in table 7.4
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]


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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | II | III |
| Current recei | 1,872.8 | 2,046.8 | 2,064.3 | 2,077.5 | 2,087.4 | 2,091.5 | .......... |
| Personal tax and nontax |  |  |  |  |  |  |  |
| Income taxes....... | 894.0 | 999.5 | 1,009.7 | 1,030.4 | 1,041.5 | 1,050.2 | 888.8 |
| Nontaxes. | 9.3 | 10.1 | 10.1 | 10.1 | 9.9 | 9.8 | 9.6 |
| Corporate profits tax accruals. | 218.3 | 234.7 | 237.6 | 219.4 | 205.0 | 197.3 |  |
| Federal Reserve banks ........ | 25.4 | 25.3 | 25.6 | 26.1 | 25.7 | 24.2 | .......... |
| Indirect business tax and  |  |  |  |  |  |  |  |
| nontax accruals .......... | 100.6 | 111.2 | 111.9 | 112.7 | 112.2 | 112.0 | 110.6 |
| Excise taxes... | 64.6 | 69.8 | 69.5 | 70.3 | 68.7 | 69.4 | 68.2 |
| Customs duties ... | 19.2 | 21.1 | 21.6 | 21.2 | 21.6 | 20.3 | 20.0 |
| Nontaxes .. | 16.8 | 20.3 | 20.8 | 21.2 | 21.9 | 22.3 | 22.4 |
| Contributions for social |  |  |  |  |  |  |  |
| insurance................. | 650.6 | 691.5 | 695.0 | 704.9 | 718.8 | 722.2 | 723.1 |
| Current expenditures ...... | 1,753.6 | 1,828.3 | 1,834.4 | 1,855.0 | 1,882.1 | 1,904.7 | 1,937.1 |
| Consumption expenditures ..... | 469.6 | 493.7 | 493.6 | 494.1 | 507.5 | 510.1 | 516.7 |
| Transfer payments (net).......... | 746.1 | 779.3 | 780.5 | 802.9 | 811.7 | 823.3 | 838.7 |
| To persons. | 734.5 | 765.3 | 768.7 | 777.4 | 805.8 | 816.3 | 831.8 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| Net interest paid, | 263.9 | 262.9 | 262.9 | 259.9 | 253.5 | 242.5 | 232.5 |
| interest paid. | 281.4 | 282.2 | 281.9 | 279.0 | 273.4 | 262.5 | 253.2 |
| To persons and business. | 186.2 | 174.5 | 172.5 | 169.7 | 165.4 | 156.9 | ........... |
| To the rest of the world.... | 95.1 | 107.7 | 109.5 | 109.3 | 108.0 | 105.5 |  |
| Less: Interest received by |  |  |  |  |  |  |  |
| givernment ............... 17.4 19.3 19.0 19.1 19.9 20.0 20.7 |  |  |  |  |  |  |  |
| of government enterprises .. | 43.4 | 46.8 | 46.5 | 48.1 | 45.4 | 47.6 | 69.4 |
|  |  |  |  |  |  |  |  |
| Less: Current surplus of government enterprises... | . 2 | -3.1 | -3.1 | -6.1 | -5.6 | -7.7 | -9.1 |
| governmententerprises... <br> Less:Wage accruals less  .2 -3.1 -3.1 -6.1 -5.6 -7.7 -9.1 |  |  |  |  |  | . 0 | . 0 |
| Current surplus or deficit $(-)$, national income |  |  |  |  |  |  |  |
| Social insurance funds............ | 95.8 | 118.0 | 119.4 | 124.6 | 116.0 | 113.1 | 104.0 |
| Other............................... | 23.4 | 100.6 | 110.5 | 97.9 | 89.3 | 73.6 |  |
| Addenda: |  |  |  |  |  |  |  |
| Net lending or net borrowing |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| $(-)$, national income and product accounts | 119.2 | 218.6 | 229.9 | 222.5 | 205.3 | 186.7 |  |
| Plus: Consumption of fixed capital | 91.7 | 96.4 | 97.0 | 97.9 | 98.4 | 99.4 | 99.9 |
| Plus: Capital transfers |  |  |  |  |  |  |  |
| received (net)........ | -7.3 | -7.9 | -8.1 | -9.7 | -8.9 | -12.7 | -10.5 |
| Less: Gross investment... | 94.4 | 96.5 | 93.4 | 100.1 | 97.8 | 9 | 100.4 |
| Less: Net purchases of nonproduced assets..... | -. 8 | -. 1 | . 7 | -. 3 | -3.7 | -1.1 | -. 7 |

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


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 ixed assets; inventory investment is included in government consumption expenditures.
2. Consumption expenditures for durable goods excludes expenditures classified as investment, except for oods transferred to foreign countries by the Federal Government.
3. Compensation of government employees engaged in new own-account investment and reiated expenditures for goods and services are classified as investment in structures and in software. The compensation of all general government employees is shown in the addenda
partial measure of the value of the services of general government fixed assets; use of depreciation assumes zero net return on these assets.

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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | II | III |
| Government consumption expenditures and gross investment '............... | 1,531.8 | 1,572.6 | 1,570.0 | 1,582.8 | 1,603.4 | 1,623.0 | 1,630.1 |
| Federal | 536.7 | 545.9 | 541.8 | 547.9 | 552.2 | 554.7 | 561.0 |
| National delense ............. 348.6 $\mathbf{3 4 9 . 0}$ $\mathbf{3 4 5 . 7}$ 353.8 360.3 362.4 366.8 <br> Consumption        |  |  |  |  |  |  |  |
| expenditures.... | 294.7 | 294.5 | 293.0 | 296.0 | 304.4 | 304.6 | 309.1 |
| Durable goods ${ }^{2}$ | 22.4 | 22.6 | 22.1 | 23.1 | 22.9 | 24.0 | 25.3 |
| Nondurable goods ....... | 8.9 | 9.3 | 9.0 | 8.4 | 8.6 | 10.0 | 10.3 |
| Services $\qquad$ <br> Compensation of general government employees, except own-account | 263.6 | 262.9 | 262.1 | 264.9 | 273.2 | 271.0 | 274.0 |
|  | 120.9 | 120.3 | 120.8 | 120.5 | 119.5 | 119.6 | 120.8 |
| Consumption of general government fixed |  |  |  |  |  |  |  |
| capital ${ }^{4}$............... | 62.5 | 62.6 | 62.6 | 62.7 | 62.7 | 62.8 | 63.0 |
| Other services .......... | 80.3 | 80.2 | 78.8 | 81.9 | 91.2 | 88.8 | 90.4 |
| Gross investment ........... | 54.1 | 54.7 | 52.2 | 58.4 | 56.1 | 58.2 | 58.1 |
| Structures .................. | 4.8 | 4.6 | 4.9 | 4.6 | 4.5 | 4.5 | 4.1 |
| Equipment and software | 49.4 | 50.3 | 47.4 | 54.1 | 51.9 | 54.0 | 54.4 |
| Nondeiense ................. 188.1 196.7 196.5 194.0 191.8 192.3 194.1 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| Durable goods ${ }^{2}$. | 1.2 | 1.5 | 1.4 | 1.7 | 1.4 | 1.3 | 1.3 |
|  |  |  |  |  |  |  |  |
| Corporation inventory change.. | -. 2 | 2.0 | . 9 | 4.6 | 1.1 | . 9 | 1.1 |
| Other nondurables ... | 5.8 | 5.7 | 6.5 | 3.3 | 6.1 | 5.9 | 5.8 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| government employees, except |  |  |  |  |  |  |  |
| investment ${ }^{3} \ldots . . . . . .$. |  |  |  |  |  |  |  |
| Consumption of general government fixed |  |  |  |  |  |  |  |
| capital ${ }^{4}$............... | 23.9 | 26.4 | 26.7 | 27.3 | 27.8 | 28.3 | 28.9 |
| Other services .......... | 38.5 | 40.5 | 40.8 | 40.4 | 35.3 | 35.6 | 35.7 |
| Gross investment ............ | 42.5 | 42.9 | 42.2 | 42.6 | 42.9 | 42.8 | 43.6 |
| Structures.................. | 10.6 | 9.5 | 9.1 | 9.6 | 9.9 | 9.1 | 8.6 |
| Equipment and software | 32.1 | 33.9 | 33.6 | 33.5 | 33.4 | 34.3 | 35.7 |
| State and local .................... | 994.7 | 1,026.3 | 1,027.6 | 1,034.3 | 1,050.5 | 1,067.4 | 1,068.4 |
| Consumption expenditures . | 794.5 | 821.4 | 824.6 | 830.5 | 839.1 | 846.9 | 855.6 |
| Durable goods ${ }^{2}$............. | 15.9 | 17.0 | 17.1 | 17.4 | 17.7 | 17.9 | 18.2 |
| Nondurable goods ........... | 93.9 | 99.9 | 100.6 | 102.0 | 103.5 | 105.0 | 106.6 |
|  |  |  |  |  |  |  |  |
| Compensation of general government employees, except own-account |  |  |  |  |  |  |  |
| investment ${ }^{3}$............ | 566.1 | 577.0 | 578.4 | 580.6 | 584.6 | 588.0 | 591.9 |
| Consumption of general |  |  |  |  |  |  |  |
| capital ${ }^{\text {................... }}$ | 80.2 | 84.8 | 85.4 | 86.6 | 87.7 | 88.8 | 90.0 |
| Other services............. | 39.0 | 43.7 | 44.1 | 45.3 | 46.9 | 48.4 | 50.3 |
| Gross investment ............... | 200.4 | 205.0 | 203.1 | 203.9 | 211.6 | 221.0 | 212.9 |
| Structures..................... | 142.8 | 143.5 | 141.0 | 141.1 | 148.4 | 157.4 | 150.6 |
| Equipment and software.. | 58.4 | 63.1 | 63.8 | 64.8 | 64.6 | 64.2 | 63.2 |
| Residual.............................. | -2.8 | -5.3 | -4.0 | -8.9 | -5.1 | -4.7 | $-5.6$ |
| Addenda: |  |  |  |  |  |  |  |
| Compensation of general |  |  |  |  |  |  |  |
| government employees ${ }^{3}$. | 773.4 | 786.3 | 787.8 | 788.9 | 792.1 | 795.9 | 801.3 |
| Federal | 199.8 | 201.7 | 201.7 | 200.6 | 200.2 | 200.6 | 202.2 |
| State and local.................... | 573.6 | 584.7 | 586.0 | 588.3 | 591.9 | 595.4 | 599.1 |

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 ox addititive. The residual line is the
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

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


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 300ds transterred to foreign countries.
for goods and services are classified as investment in structures and in software. The compensation of all general government employees is shown in the addendum.
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.

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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | II | III |
| National defense consumption expenditures and gross invesiment ${ }^{1}$. $\qquad$ | 348.6 | 349.0 | 345.1 | 353.8 | 360.3 | 362.4 | 366.8 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Consumption expenditures .... | 294.7 | 294.5 | 293.0 | 296.0 | 304.4 | 304.6 | 309.1 |
| Durable goods ${ }^{2}$................. | 22.4 | 22.6 | 22.1 | 23.1 | $22.9$ | 24.0 | 25.3 |
| Aircraft | 10.8 | 10.3 | 10.6 | 9.9 | 10.1 | 10.5 | 12.0 |
| Missiles ........................... | 2.2 | 2.3 | 2.3 | 2.6 | 2.7 | 2.7 | 2.4 |
| Ships ........................... | 1.0 | 1.5 | 1.5 | 1.4 | 1.4 | 1.2 | 1.4.8 |
| Vehicles........................ | . 7 | . 6 | . 6 | . 6 | . 7 | . 8 |  |
| Electronics.................... | 2.9 | 4.8 | 4.2 | 3.4 | 3.2 | 3.3 | .8 3.5 |
| Other durable goods........ | 4.9 |  |  | 5.4 | 4.8 | 5.5 | 5.2 |
| Nondurable goods ............. | 8.9 | 9.3 | 9.0 | 8.4 | 8.6 | 10.0 | 10.3 |
| Petroleum products........ | 3.3 | 3.11.8 | 3.3 | 2.7 | 3.1 | 3.3 | 3.6 |
| Arnmunition................... | 1.9 |  | 2.1 | 1.9 | 1.9 | 2.2 |  |
| Other nondurable goods.. | 3.6 | 4.4 | 3.5 | 3.7 | 3.5 | 4.5 | 3.9 3.8 |
| Services .......................... | 263.6 | 262.9 | 262.1 | 264.9 | 273.2 | 271.0 | 274.0 |
| Compensation of general government employees, except own-account |  |  |  |  |  |  |  |
| investment ${ }^{3} . . . . . . . . . . . . . . . ~$ | 120.9 | 120.3 | 120.8 | 120.5 | 119.5 | 119.6 | 120.879 |
| Military ...................... | 78.5 | 78.9 | 79.3 | 79.3 | 79.0 | 79.0 |  |
| Civilian ...................... | 42.5 | 41.5 | 41.6 | 41.3 | 40.6 | 40.7 | 41.0 |
| Consumption of general government fixed |  |  |  |  |  |  |  |
| capital ${ }^{4}$...................... | 62.5 | 62.6 | 62.6 | 62.7 | 62.7 | 62.8 | 63.0 |
| Other services ............... | 80.3 | 80.2 | 78.8 | 81.9 | 91.2 | 88.8 | 90.4 |
| Research and |  |  | $\begin{aligned} & 19.5 \\ & 23.6 \end{aligned}$ |  | 30.8 |  |  |
| development ........... | $\begin{aligned} & 21.6 \\ & 22.8 \end{aligned}$ | 21.8 |  | 23.8 |  | 27.5 | 28.222.6 |
| Installation support...... |  | 23.3 |  | 21.9 | 23.2 | 22.5 |  |
| Weapons support........ | $\begin{array}{r} 8.3 \\ 20.2 \end{array}$ | $\begin{array}{r} 8.3 \\ 19.7 \end{array}$ | 9.1 | 8.4 | 8.8 | $\begin{array}{r} 9.1 \\ 22.5 \end{array}$ | 9.823.3 |
| Personnel support ....... |  |  | 19.9 | 20.1 | 22.6 |  |  |
| Transportation of material | 4.84.0 | 4.6 | 4.6 | 4.5 | 4.5 | 4.5 | 4.6 |
| Travel of persons ........... |  | 4.0 | 3.9 | 3.8 | 3.7 | 3.7 | 3.8 |
| Other......................... | -1.5 | -1.7 | -1.8 | -. 9 | -2.4 | -1.1 | -2.1 |
| Gross investment ................. | 54.1 | 54.7 | 52.2 | 58.4 | 56.1 | 58.2 | 58.1 |
| Structures ........................ | 4.8 | 4.6 | 4.9 | 4.6 | 4.5 | 4.5 | 4.1 |
| Equipment and software .... | 49.4 | 50.3 | 47.4 | 54.1 | 51.9 | 54.0 | 54.4 |
| Aircraft.......................... | 7.1 | 8.3 | 8.6 | 7.8 | 8.3 | 8.8 | 10.8 |
| Missiles ........................... | 3.0 | 2.7 | 2.2 | 4.1 | 4.1 | 3.9 | 3.46.7 |
| Ships ........................... | 6.8 | 6.4 | 6.5 | 6.7 | 7.0 | 7.2 |  |
| Vehicles ........................ | 1.616.4 | $\begin{array}{r}1.8 \\ 16.7 \\ \hline 1\end{array}$ | 1.9 | 1.7 | 1.8 | 2.0 | 1.7 |
| Electronics and software. |  |  | 16.4 | 17.3 | 16.7 | 16.2 | 16.9 |
| Other equipment............. | 14.6 | 14.3 | 12.1 | 16.5 | 14.1 | 15.9 | 15.1 |
| Residual .............................. | -. 7 | $-.9$ | -. 9 | -1.4 | -1.1 | -1.3 | -1.6 |
| Addendum: |  |  |  |  |  |  |  |
| Compensation of general government employees ${ }^{3}$. | 121.5 | 120.9 | 121.4 | 121.1 | 120.1 | 120.2 | 121.5 |

NOTE.- Chained (1996) doliar 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, xcluding the line in the addendum.
Chain-type indexes for the series in this table are shown in table 7.12.
See footnotes to table 3.10.

## 4. Foreign Transactions

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

|  | Accounts [Billions of dollars] |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | 111 | IV | 1 | 11 | III |
| Receipts from the rest of the world $\qquad$ | 1,303.6 | 1,487.1 | 1,517.8 | $\begin{array}{r} 1,523.1 \\ 1,121.0 \end{array}$ | $\begin{aligned} & 1,496.3 \\ & 11174 \end{aligned}$ | 1,426.5 | 1,028.1 |
| Exports of goods and services |  |  |  |  |  |  |  |
| Goods '.......................... | $\begin{aligned} & 698.3 \\ & 504.1 \end{aligned}$ | 785.65703 | 1,813.4 | 1,121.0 | 1,117.4 | 1, 7 759.6 | 713.5 |
| Durable...................... |  |  | 590.4 | 578.2 | 573.6 | 539.6 | 507.3 |
| Nondurable................... | $\begin{aligned} & 504.1 \\ & 194.2 \end{aligned}$ | 570.3 215.3 | 223.0 | 221.5 | 220.6 | 214.8 | 206.2314.6 |
| Services '....................... | 291.5313.8 | 384.2 | 317.7 | 321.3 | 323.2 | 325.2 |  |
| Income receipts ................... |  |  | 386.6 | 402.1 | 378.9 | 346.9 |  |
| Payments to the rest of the world | 1,303.6 | 1,487.1 | 1,517.8 | 1,523.1 | 1,496.3 | 1,426.5 | 1,305.4 |
| Imports of goods and services |  | 1,466.9 | $1,283.0$ |  | 1,248.7 |  |  |
| Goods | 1,046.9 | 1,244.9 |  |  |  | 1,197.8 | 1,135.4 |
| Durable....................... | $\begin{array}{r} 715.5 \\ 331.4 \\ \hline \end{array}$ | $\begin{aligned} & 821.6 \\ & 423.3 \end{aligned}$ | 840.7 | ${ }^{836.8}$ | -811.2 | 762.3 | 731.1 |
| Nondurable ................... |  |  |  | 447.2227.7 | 437.6232.5 | $\begin{aligned} & 43.5 \\ & 229.2 \end{aligned}$ | 404.4170.0 |
| Services '........................ | 193.7 | 221.9 |  |  |  |  |  |
| Income payments ................ | 320.5 | 396.3 | 404.7 | 397.9 | 232.5 389.4 | $\begin{aligned} & 229.2 \\ & 358.6 \end{aligned}$ | 170.0 |
| Transfer payments (net)......... | 49.027.2 | 54.429.6 | 52.630.1 | 67.0 <br> 30.8 | 45.9 | 47.630.8 | 46.830.76.99.2 |
| From persons (net) ........... |  |  |  |  |  |  |  |
| From government (net) ....... | 11.6 | 14.0 | 11.8 | 25.5 | 5.8 | 7.1 |  |
| From business.................. | 10.2-306.6 | 10.8-430.5 | 10.7-451.3 | $\begin{array}{r} 10.6 \\ -453.4 \end{array}$ | $\begin{array}{r} 10.0 \\ -420.2 \end{array}$ | -406.6 |  |
| Net foreign investment........... |  |  |  |  |  |  |  |

[^44]Table 4.2.-Real Exports and Imports of Goods and Services and Receipts and Payments of Income
[Billions of chained (1996) dollars]

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | II | III |
| Exports of goods and services | 1,034.9 | 1,133.2 | 1,159.3 | 1,147.5 | 1,144.1 | 1,108.3 | 1,059.0 |
| Goods : | 751.3 | 836.1 | 864.8 | 849.5 | 844.4 | 805.2 | 765.7 |
| Durable........................ | 538.4 | 608.9 | 629.4 | 617.1 | 611.7 | 575.9 | 542.7 |
| Nondurable .................... | 212.8 | 227.0 | 235.2 | 232.2 | 232.5 | 229.0 | 222.8 |
|  | 284.2 | 299.3 | 297.8 | 300.5 | 301.8 | 303.6 | 293.3 |
| Income receipts | 301.3 | 360.2 | 361.6 | 374.3 | 350.3 | 319.6 | ........ |
| Imports of goods and services | 1,351.7 | 1,532.3 | 1,570.6 | 1,568.5 | 1,548.6 | 1,515.0 | 1,454.0 |
| Goods ${ }^{1}$,........................... | 1,159.2 | 1,315.6 | 1,348.0 | 1,345.9 | 1,322.8 | 1,290.1 | 1,247.4 |
| Durable. | 802.6 | 925.3 | 946.5 | 947.7 | 919.6 | 870.3 | 841.7 |
| Nondurable.................... | 356.9 | 392.3 | 403.4 | 400.7 | 403.3 | 415.1 | 401.2 |
| Services ' ......................... | 194.3 | 218.7 | 224.6 | 224.7 | 227.4 | 226.2 | 207.7 |
| Income payments................. | 304.7 | 367.0 | 373.7 | 365.8 | 355.2 | 325.7 | ........ |

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services. Beginning with 1986, repairs and atterations of equipment are reclassified rom 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-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually
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 doliars] |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | 11 | III |
| Exports of goods and services | 989.8 | 1,102.9 | 1,131.1 | 1,121.0 | 1,117.4 | 1,079.6 | 1,028.1 |
| Exports of goods ${ }^{1}$ <br> Foods, feeds, and beverages Industrial supplies and | 698.3 | 785.6 | 813.4 | 799.7 | 794.2 | 754.4 | 713.5 |
|  | 45.5 | 47.5 | 48.9 | 47.4 | 49.3 | 48.1 | 47.5 |
|  | 141.8 | 165.9 | 171.4 | 170.9 | 166.0 | 157.8 | 152.7 |
| materials Durable goods | 53.9 | 63.2 | 63.9 | 64.1 | 61.4 | 57.5 | 55.3 |
| Nondurable goods | 88.0 | 102.7 | 107.5 | 106.8 | 104.6 | 100.3 | 97.5 |
| Capital goods, except | 311.3 | 357.0 | 374.5 | 365.9 | 367.3 | 332.8 | 307.0 |
| Civilian aircratt, engines, and parts | 52.9 | 48.1 | 49.1 | 47.4 | 56.1 | 55.1 | 53.1 |
| Computers, peripherals, and parts. | 46.7 | 55.5 | 58.6 | 57.2 | 56.0 | 48.6 | 44.7 |
| Other $\qquad$ <br> Automotive vehicles, engines, and parts $\qquad$ | 211.6 | 253.4 | 266.8 | 261.2 | 255.3 | 229.1 | 209.1 |
|  | 75.1 | 80.2 | 80.6 | 77.2 | 71.8 | 76.3 | 76.2 |
| Consumer goods, except automotive | 82.0 | 90.6 | 92.4 | 90.7 | 94.0 | 93.6 | 86.0 |
| automotive.................. | 42.6 | 47.7 | 48.6 | 47.3 | 50.2 | 50.1 | 46.7 |
| Nondurable goods .......... | 39.4 | 42.9 | 43.8 | 43.5 | 43.8 | 43.5 | 39.2 |
| Other .................... | 42.6 | 44.5 | 45.5 | 47.6 | 45.8 | 45.8 | 44.1 |
| Exports of services ${ }^{1}$ Transters under U.S. military agency sales contracts... | 291.5 | 317.3 | 317.7 | 321.3 | 323.2 | 325.2 | 314.6 |
|  | 14.9 | 12.8 | 11.8 | 12.8 | 12.4 | 13.2 | 13.4 |
| Travel............................ | 74.7 | 82.0 | 80.9 | 81.6 | 81.2 | 80.9 | 73.3 |
| Passenger fares..................... | 19.8 | 20.7 | 20.9 | 20.7 | 19.7 | 19.9 | 17.8 |
| Other transportation............. | 26.9 | 30.2 | 30.4 | 30.4 | 29.4 | 28.4 | 27.3 |
| Royalties and license fees ... | 36.4 | 38.0 | 38.2 | 38.5 | 39.5 | 40.7 | 40.5 |
| Other private services.......... | 98.1 | 107.6 | 108.4 | 109.8 | 113.0 | 114.3 | 114.6 |
| Other................................ | 20.6 | 25.9 | 27.3 | 27.6 | 27.8 | 27.7 | 27.6 |
| Imports of goods and services. | 1,240.6 | 1,466.9 | 1,511.8 | 1,511.6 | 1,481.2 | 1,427.0 | 1,305.4 |
| Imports of goods ${ }^{1}$ $\qquad$ Foods, feeds, and beverages | 1,046.9 | 1,244.9 | 1,283.0 | 1,284.0 | 1,248.7 | 1,197.8 | 1,135.4 |
|  | 43.6 | 46.0 | 46.9 | 46.3 | 45.9 | 45.7 | 46.4 |
| industrial supplies and materials, except |  |  |  |  |  |  |  |
| petroleum and products .. | 148.5 | 173.6 | 177.4 | 180.2 | 182.4 | 174.2 | 159.0 |
| Durable goods.............Nondurable goods....... | 78.9 | 88.5 | 88.7 | 86.9 | 86.2 | 80.6 | 78.2 |
|  | 69.7 | 85.1 | 88.6 | 93.3 | 96.2 | 93.5 | 80.7 |
| Petroleum and products Capital goods, except | 67.8 | 120.2 | 127.9 | 127.1 | 117.2 | 114.3 | 100.8 |
|  | 295.3 | 346.7 | 358.6 | 357.3 | 345.7 | 299.9 | 275.7 |
| automotive. $\qquad$ <br> Civilian aircraft, engines, <br> and parts | 23.8 | 26 | 26.7 | 30.6 | 31.0 | 31.1 | 30.3 |
| Computers, peripherals, and parts. |  |  |  |  |  |  |  |
|  | 81.5 | 89.8 | 93.6 | 89.6 | 85.7 | 75.9 | 68.5 |
| Other Automotive vehicles, | 190.0 | 230.5 | 238.4 | 237.2 | 228.9 | 192.9 | 176.9 |
|  | 179.0 | 195.9 | 198.4 | 193.0 | 186.9 | 191.3 | 192.7 |
| Consumer goods, exceptautomotive.......... |  |  |  |  |  |  |  |
|  | 241.8 | 281.6 | 286.4 | 292.8 | 291.9 | 286.5 | 276.0 |
|  | 126.9 | 150.0 | 151.2 | 155.9 | 153.0 | 147.5 | 142.0 |
| Durable goods <br> Nondurable goods | 114.9 | 131.6 | 135.2 | 136.8 | 138.9 | 139.0 | 134.0 |
| Other. | 70.9 | 81.1 | 87.5 | 87.2 | 78.7 | . | 84.9 |
| imports of services ' | 193.7 | 221.9 | 228.7 | 227.7 | 232.5 | 229.2 | 170.0 |
| Direct defense expenditures | 13.3 | 13.6 | 14.2 | 13.5 | 14.2 | 13.8 | 14.2 |
| Travel........................... | 58.9 | 64.5 | 64.3 | 63.8 | 64.7 | 65.0 | 54.9 |
| Passenger fares................. | 21.3 | 24.2 | 24.9 | 24.1 | 24.0 | 25.8 | 23.5 |
| Other transportation............ | 34.1 | 41.1 | 42.2 | 42.9 | 42.1 | 39.3 | 37.2 |
| Royalties and license fees ... | 12.6 | 16.1 | 18.1 | 17.0 | 18.1 | 17.7 | 17.4 |
| Other private services.........Other..................$~$ | 46.1 | 54.7 | 57.2 | 58.5 | 61.4 | 59.5 | 14.6 |
|  | 7.4 | 7.8 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 |
| Addenda: |  |  |  |  |  |  |  |
| Exports of agricultural goods ${ }^{2}$ $\qquad$ | 49.7 | 52.8 | 54.5 | 53.2 | 54.4 | 53.9 | 54.5 |
| Exports of nonagricultural goods. $\qquad$ | 648.6 | 7328 | 758.9 | 746.5 | 739.8 | 700.5 | 659.0 |
| Imports of nompetroleumgoods ................... |  |  |  |  |  |  | 659.0 |
|  | 979.1 | 1,124.8 | 1,155.1 | 1,156.9 | 1,131.5 | 1,083.5 | 1,034.7 |

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services. Beginning with 1986, repairs and alterations of equipment are reclassified from goods to services.
2. inciudes parts of foods, feeds, and beverages, of nondurable industrial supplies and materials, and of nondurable nonautomotive consumer goods.

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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | II | III |
| Exports of goods and services. | 1,034.9 | 1,133.2 | 1,159.3 | 1,147.5 | 1,144.1 | 1,108.3 | 1,059.0 |
| Exports of goods ${ }^{\text {1 }}$ | 751.3 | 836.1 | 864.8 | 849.5 | 844.4 | 805.2 | 765.7 |
| Foods, feeds, and beverages | 56.6 | 60.0 | 63.0 | 59.8 | 62.1 | 61.1 | 59.1 |
| industrial supplies and |  |  |  |  |  |  |  |
| Durable goods | 58.2 | 67.1 | 67.6 | 68.2 | 65.8 | 62.0 | 59.6 |
| Nondurable goods | 94.6 | 101.2 | 105.1 | 104.1 | 102.9 | 100.6 | 101.4 |
| Capital goods, except automotive .......... | 342.1 | 394.9 | 413.6 | 404.3 | 405.2 | 367.3 | 340.1 |
| automotive Civilian aircraft, engines, and parts. | 342.1 49.4 | 394.9 43.1 | 413.6 43.8 | 404.3 41.7 | 405.2 48.4 | 367.3 47.0 | 340.1 45.0 |
| and parts <br> Computers, peripherals. and parts * | 68.3 | 85.6 | 90.7 | 88.8 | 87.5 | 76.6 | 71.7 |
| Other | 225.3 | 271.5 | 285.4 | 280.2 | 273.7 | 246.1 | 225.5 |
| Automotive vehicles, engines, and parts. Consumer goods, except | 73.9 | 78.3 | 78.6 | 75.4 | 70.0 | 74.2 | 74.1 |
| automotive ................... | 81.6 | 89.8 | 91.6 | 90.1 | 93.5 | 93.3 | 85.7 |
| Durable goods ............... | 42.6 | 47.3 | 48.2 | 47.0 | 49.8 | 49.8 | 46.3 |
| Nondurable goods .......... | 39.1 | 42.5 | 43.4 | 43.2 | 43.8 | 43.6 | 39.4 |
| Other. | 44.6 | 45.9 | 47.1 | 49.0 | 47.1 | 47.0 | 45.5 |
| Exports of services ' $\qquad$ <br> Transfers under U.S. military | 284.2 | 299.3 | 297.8 | 300.5 | 301.8 | 303.6 | 293.3 |
| agency sales contracts .... | 14.9 | 13.0 | 11.9 | 12.9 | 12.6 | 13.5 | 13.6 |
| Travel .............................. | 70.4 | 73.8 | 72.4 | 72.6 | 72.3 | 71.7 | 65.9 |
| Passenger fares................. | 19.3 | 19.7 | 19.7 | 19.8 | 18.4 | 19.1 | 16.6 |
| Other transportation. | 27.6 | 28.1 | 27.7 | 27.4 | 27.4 | 26.9 | 26.0 |
| Royalties and license fees ... | 34.9 | 35.6 | 35.6 | 35.8 | 36.5 | 37.4 | 37.0 |
| Other private services ... | 100.2 | 108.8 | 109.1 | 110.5 | 113.5 | 114.6 | 114.3 |
| Other ........................ | 17.5 | 20.7 | 21.6 | 21.9 | 21.7 | 21.3 | 21.1 |
| Residual | -2.5 | -9.0 | -11.6 | -10.8 | -9.4 | -4.2 | -3.1 |
| Imports of goods and services | 1,351.7 | 1,532.3 | 1,570.6 | 1,568.5 | 1,548.6 | 1,515.0 | 1,454.0 |
| imports of goods ${ }^{\text {a }}$ | 1,159.2 | 1,315.6 | 1,348.0 | 1,345.9 | 1,322.8 | 1,290.1 | 1,247.4 |
| Foods, feeds, and beverages Industrial supplies and | 46.1 | 49.4 | 50.6 | 50.4 | 49.7 | 50.6 | 52.0 |
| materials, except |  |  |  |  |  |  |  |
| petroleum and products .. | 157.2 | 167.9 | 169.4 | 167.2 | 165.0 | 166.5 | 164.4 |
| Durable goods ............... | 81.1 | 86.5 | 86.3 | 86.0 | 84.9 | 79.8 | 79.5 |
| Nondurable goods .......... | 76.0 | 81.4 | 83.0 | 81.2 | 80.1 | 85.9 | 84.2 |
| Petroieum and products...... | 81.4 | 86.0 | 87.7 | 85.9 | 91.3 | 92.2 | 85.1 |
| Capital goods, except |  |  |  |  |  |  |  |
| automotive | 375.8 | 451.7 | 467.7 | 470.1 | 456.6 | 400.4 | 372.0 |
| Civilian arcraft, engines, and parts. | 22.1 | 23.9 | 24.0 | 27.3 | 27.5 | 27.1 | 26.3 |
| Computers, peripherals, and parts $\qquad$ | 130.4 | 152.6 | 159.4 | 156.4 | 151.9 | 139.4 | 130.9 |
| Other ........................... | 226.9 | 279.3 | 289.3 | 289.1 | 279.5 | 236.7 | 217.5 |
| Automotive vehicles, engines, and parts | 177.2 | 192.5 | 194.7 | 189.5 | 183.4 | 188.3 | 189.9 |
| Consumer goods, except |  |  |  |  |  |  |  |
| automotive .................... | 249.9 | 293.5 | 298.7 | 306.2 | 305.4 | 300.7 | 290.0 |
| Durable goods ............... | 134.9 | 161.2 | 162.6 | 168.2 | 165.2 | 160.2 | 154.7 |
| Nondurable goods ........... | 115.2 | 132.7 | 136.4 | 138.4 | 140.5 | 140.6 | 135.4 |
| Other ............................... | 71.5 | 80.9 | 87.1 | 86.6 | 77.6 | 85.2 | 85.1 |
| Imports of services ${ }^{1}$.. | 194.3 | 218.7 | 224.6 | 224.7 | 227.4 | 226.2 | 207.7 |
| Direct defense expenditures | 14.6 | 15.4 | 16.1 | 15.6 | 16.1 | 16.0 | 16.1 |
| Travel .............................. | 60.1 | 66.7 | 66.7 | 67.5 | 66.8 | 68.4 | 57.2 |
| Passenger fares................. | 19.4 | 20.7 | 21.1 | 20.0 | 19.3 | 20.7 | 17.7 |
| Other transportation........... | 31.8 | 34.9 | 35.7 | 35.7 | 35.6 | 33.5 | 32.2 |
| Royalties and license fees... | 12.1 | 15.1 | 16.9 | 15.8 | 16.7 | 16.3 | 15.9 |
| Other private services ......... | 49.1 | 58.6 | 60.8 | 63.0 | 66.2 | 64.6 | 63.8 |
| Other ... | 7.2 | 7.4 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 |
| Residual. | -5.4 | -12.9 | -15.2 | -15.6 | -11.3 | 1.8 | 2.7 |
| Addenda: |  |  |  |  |  |  |  |
| Exports of agricultural goods ${ }^{2}$ | 63.2 | 68.5 | 72.1 | 68.7 | 69.9 | 69.9 | 69.0 |
| Exports of nonagricultural |  |  |  |  |  |  |  |
| goods .......................... | 687.5 | 766.6 | 792.0 | 779.7 | 773.7 | 735.1 | 697.0 |
| Imports of nonpetroleum | 1,074.9 | 1,227.6 | 1,258.7 | 1,259.5 | 1,227.7 | 1,192.9 | 1,158.9 |
| goods |  |  |  |  |  |  |  |

[^45]5. Saving and Investment

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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | 11 | III |
| Gross saving | 1,707.4 | 1,785.7 | 1,807.4 | 1,799.7 | 1,754.0 | 1,750.5 |  |
| Gross private saving | 1,348.0 | 1,323.0 | 1,329.6 | 1,332.7 | 1,307.9 | 1,321.2 |  |
| Personal saving..... | 160.9 | 67.7 | , 54.5 | 74.7 | 78.8 | 81.5 | 286.7 |
| Undistributed corporate profits with inventory valuation and capital consumption adjustments | 228.7 | 225.3 | 233.9 | 197.0 | 147.8 | 119.5 |  |
| Undistributed profits.............................................................................................. | 179.8 | 194.3 | 197.2 | 165.9 | 113.7 | 98.0 |  |
| Irventory valuation adjustment | -2.9 | -12.4 | -3.6 | -7.3 | -1.9 | -8.8 |  |
| Capital consumption adjustment ............................................................................ | 51.7 | 43.4 | 40.4 | 38.4 | 36.0 | 30.3 | 12.6 |
| Corporate consumption of fixed capital........................................................................ | 669.2 | 727.1 | 736.0 | 749.7 | 763.8 | 785.6 | 847.7 |
| Noncorporate consumption of fixed capital................................................................... | 284.1 | 302.8 | 305.2 | 311.3 | 317.5 | 334.6 | 329.8 |
| Wage accruals less disbursements ............................................................................. | 5.2 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 |
| Gross government saving. | 359.4 | 462.7 | 477.8 | 467.1 | 446.1 | 429.3 |  |
| Federal. | 210.9 | 315.0 | 326.9 | 320.5 | 303.7 | 286.2 |  |
| Consumption of fixed capital. | 91.7 | 96.4 | 97.0 | 97.9 | 98.4 | 99.4 | 99.9 |
| Current surplus or deficit ( - ), national income and product accounts ............................... | 119.2 | 218.6 | 229.9 | 222.5 | 205.3 | 186.7 |  |
| State and local........................................................................................................ | 148.5 | 147.8 | 150.9 | 146.6 | 142.5 | 143.2 |  |
| Consumption of fixed capital ................................................................................. | 106.4 | 114.9 | 116.1 | 118.0 | 120.2 | 121.9 | 129.5 |
| Current surplus or deficit ( - , national income and product accounts.............................. | 42.1 | 32.8 | 34.8 | 28.6 | 22.3 | 21.3 |  |
| Gross investment................................................................................................. | 1,634.7 | 1,655.3 | 1,651.1 | 1,649.7 | 1,633.5 | 1,607.3 |  |
| Gross private domestic investment.................................................................................. | 1,636.7 | 1,767.5 | 1,788.4 | 1,780.3 | 1,722.8 | 1,669.9 | 1,622.6 |
| Gross government investment...................................................................................... | 304.6 | 318.3 | 314.0 | 322.8 | 330.9 | 344.0 | 335.7 |
| Net foreign investment................................................................................................. | -306.6 | -430.5 | -451.3 | -453.4 | -420.2 | -406.6 | ............. |
| Statistical discrepancy. | -72.7 | -130.4 | -156.3 | -150.0 | -120.5 | -143.2 | ... |
| Addendum: <br> Gross saving as a percentage of gross national product. | 18.4 | 18.1 | 18.2 | 17.9 | 17.3 | 17.2 | ..... |

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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | $1!$ | III |
| Privale fixed investment. | 1,578.2 | 1,718.1 | 1,735.9 | 1,741.6 | 1,748.3 | 1,706.5 | 1,669.2 |
| Nonresidential. | 1,174.6 | 1,293.1 | 1,314.9 | 1,318.2 | 1,311.2 | 1,260.2 | 1,219.7 |
| Structures $\qquad$ Nonresidential buildings, | 283.5 | 313.6 | 321.1 | 330.9 | 345.8 | 338.6 | 329.7 |
| including farm............. | 206.9 | 227.0 | 231.0 | 235.1 | 241.3 | 230.4 | 212.9 |
| Utilities ... | 47.2 | 51.7 | 52.3 | 57.5 | 60.5 | 59.4 | 54.6 |
| Mining exploration, shafts, and wells $\qquad$ | 22.6 6.8 | 27.6 7.3 | 30.1 7.8 | 30.5 7.8 | 36.9 7.1 | 42.0 6.7 | 42.9 19.3 |
| Equipment and software .... | 891.1 | 979.5 | 993.8 | 987.3 | 965.4 | 921.7 | 890.0 |
| Information processing equipment and software Computers and peripheral | 399.7 | 466.5 | 475.1 | 486.5 | 460.4 | 431.1 | 409.3 |
| equipment ${ }^{\text {²,............ }}$ | 90.8 | 109.3 | 113.3 | 114.0 | 102.9 | 89.6 | 78.8 |
| Software ${ }^{2}$.................. | 159.8 | 183.1 | 186.8 | 193.3 | 190.5 | 189.0 | 184.4 |
| Other. | 149.1 | 174.1 | 175.0 | 179.3 | 167.1 | 152.5 | 146.1 |
| Industrial equipment. | 149.3 | 166.7 | 169.5 | 170.1 | 175.8 | 166.4 | 155.2 |
| Transportation equipment | 199.1 | 195.9 | 197.2 | 180.1 | 179.0 | $175 . ?$ | 176.2 |
| Other .......................... | 142.9 | 150.3 | 151.9 | 150.5 | 150.3 | 148.5 | 149.3 |
| Residential....................... | 403.5 | 425.1 | 421.0 | 423.4 | 437.0 | 446.2 | 449.5 |
| Structures | 394.7 | 415.6 | 411.5 | 413.9 | 427.5 | 436.7 | 440.0 |
| Single family..... | 208.6 | 220.7 | 216.0 | 216.4 | 226.5 | 229.6 | 230.4 |
| Mutitiamily.. | 27.4 | 28.1 | 26.8 | 27.9 | 29.6 | 31.0 | 31.0 |
| Other structures ............ | 158.7 | 166.9 | 168.8 | 169.7 | 171.4 | 176.1 | 178.5 |
| Equipment ...................... | 8.8 | 9.4 | 9.4 | 9.5 | 9.5 | 9.6 | 9.5 |

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

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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | N | 1 | 1 | III |
| Private fixed investment .... | 1,595.4 | 1,716.2 | 1,730.1 | 1,732.1 | 1,740.3 | 1,696.4 | 1,659.5 |
| Nonresidential | 1,228.6 | 1,350.7 | 1,371.1 | 1,374.5 | 1,373.9 | 1,320.9 | 1,279.8 |
| Structures.. | 256.9 | 272.8 | 278.2 | 283.3 | 291.7 | 282.3 | 273.3 |
| Nonresidential buildings, including farm | 185.5 | 194.9 | 197.5 | 199.1 | 202.0 | 191.6 | 176.5 |
| Utilities ......................... | 45.7 | 48.5 | 49.0 | 53.5 | 56.1 | 55.0 | 50.2 |
| Mining exploration, shafts, and wells | 20.0 | 23.5 | 25.3 | 24.8 | 28.3 | 30.4 | 30.5 |
| Other structures ............ | 6.4 | 6.7 | 7.1 | 7.0 | 6.3 | 5.9 | 16.9 |
| Equipment and software... | 978.3 | 1,087.4 | 1,102.3 | 1,099.3 | 1,087.7 | 1,043.2 | 1,011.0 |
| Information processing equipment and software Computers and | 506.2 | 609.5 | 621.0 | 641.8 | 620.9 | 588.1 | 566.4 |
| computers and <br> peripheral <br> equipment $\qquad$ | 208.6 | 290.3 | 305.2 | 317.6 | 314.4 | 287.3 | 268.9 |
| Software ${ }^{2}$.................... | 167.3 | 187.6 | 189.7 | 196.0 | 192.9 | 191.1 | 186.6 |
| Other................... | 157.2 | 186.5 | 187.7 | 193.2 | 180.8 | 165.9 | 159.5 |
| Industrial equipment. | 146.4 | 162.6 | 165.1 | 165.6 | 170.7 | 161.2 | 150.4 |
| Transportation equipment | 197.6 | 192.7 | 193.2 | 176.2 | 177.4 | 174.4 | 172.5 |
| Other .......................... | 138.2 | 144.8 | 146.1 | 144.4 | 143.3 | 141.1 | 141.5 |
| Residential....................... | 368.3 | 371.4 | 366.3 | 365.3 | 372.9 | 378.3 | 380.0 |
| Structures...................... | 359.3 | 361.8 | 356.8 | 355.8 | 363.3 | 368.6 | 370.5 |
| Single family.................. | 188.9 | 190.9 | 186.2 | 185.0 | 199.1 | 192.8 | 193.3 |
| Mutitifamily ................... | 23.4 | 22.7 | 21.5 | 22.2 | 23.3 | 24.2 | 24.2 |
| Other structures ............. | 147.0 | 148.4 | 149.3 | 148.7 | 149.0 | 151.6 | 153.0 |
| Equipment ...................... | 9.0 | 9.6 | 9.6 | 9.6 | 9.7 | 9.7 | 9.6 |
| Residual............................. | -45.8 | -93.5 | -102.4 | -110.8 | -105.0 | -85.8 | -74.1 |

[^46]Table 5.10B.-Change in Private Inventories by Industry
[Billions of dollars]

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | II | III |
| Change in private |  |  |  |  |  |  |  |
| inventories................... | 58.6 | 49.4 | 52.5 | 38.7 | -25.5 | -36.6 | -46.6 |
| Farm................................. | -1.5 | -1.8 | -2.8 | . 9 | . 7 | -1.2 | -2.5 |
| Construction, mining, and utilities $\qquad$ | -. 7 | -2.5 | -. 1 | $-9.0$ | 2.6 | 8.0 | 4.3 |
| Manufacturing...................... | 12.3 | 12.4 | 11.8 | 12.0 | -13.6 | -33.4 | -41.3 |
| Durable goods industries .... | 5.8 | 12.1 | 10.7 | 16.8 | $-9.3$ | -23.8 | -33.1 |
| Nondurable goods industries | 6.5 | . 4 | 1.2 | -4.8 | -4.3 | -9.6 | -8.2 |
| Wholesale trade .................... | 17.2 | 20.5 | 16.7 | 12.3 | -3.3 | 2.2 | -15.7 |
| Durable goods industries .... | 12.2 | 13.4 | 8.6 | 5.4 | -3.7 | -10.9 | -16.8 |
| Nondurable goods industries | 5.0 | 7.1 | 8.0 | 6.8 | . 4 | 13.1 | 1.1 |
| Retail trade.......................... | 24.6 | 15.1 | 19.0 | 19.6 | -15.6 | -13.4 | 7.7 |
| Motor vehicle dealers ......... | 12.4 | 6.0 | 10.4 | 8.5 | -19.7 | -5.6 | 2.1 |
| Food and beverage stores ... | 1.7 | -. 2 | . 4 | . 1 | 1.3 | . 4 | -. 6 |
| General merchandise stores | 2.7 | 1.2 | . 0 | 2.8 | 6.1 | -. 4 | 1.7 |
| Other retail stores.............. | 7.8 | 8.2 | 8.2 | 8.2 | -3.3 | -7.8 | 4.5 |
| Other industries .................... | 6.7 | 5.6 | 7.9 | 2.8 | 3.6 | 1.2 | . 9 |
| Addenda: |  |  |  |  |  |  |  |
| Change in private inventories | 58.6 | 49.4 | 52.5 | 38.7 | -25.5 | -36.6 | -46.6 |
| Durable goods industries. | 35.3 | 34.7 | 33.0 | 31.5 | -31.0 | -42.3 | -47.0 |
| Nondurable goods industries | 23.3 | 14.7 | 19.5 | 7.2 | 5.5 | 5.8 | . 4 |
| Nonfarm industries............ | 60.1 | 51.1 | 55.3 | 37.8 | -26.2 | -35.3 | -44.0 |
| Nonfarm change in book value $\qquad$ Nonfarm inventory | 66.3 | 74.5 | 65.7 | 61.2 | -28.2 | -34.0 | -56.0 |
| Nontarm inventory valuation adjustment ${ }^{2}$.. | -6.3 | -23.4 | -10.4 | -23.4 | 2.0 | -1.3 | 12.0 |
| Wholesale trade................ | 17.2 | 20.5 | 16.7 | 12.3 | -3.3 | 2.2 | -15.7 |
| Merchant wholesale trade Durable goods | 15.5 | 16.0 | 10.5 | 8.8 | -2.9 | 2.2 | -8.6 |
| industries | 11.0 | 9.5 | 2.9 | 2.4 | -3.0 | -10.8 | -11.1 |
| Nondurable goods industries | 4.4 | 6.6 | 7.5 | 6.4 | . 1 | 13.0 | 2.5 |
| Nonmerchant wholesale trade $\qquad$ | 1.8 | 4.4 | 6.2 | 3.5 | -. 4 | . 1 | -7.1 |

[^47]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) underlying inventories derived primarily from Census Bureau statistics (see footnote 1). This mix differs from that underlying business income derived primarily from Internal Revenue Service statistics.
Note. - Estimates in this table are based on the North American Industry Classification System (NAICS).

Table 5.118.-Real Change in Private Inventories by Industry
[Billions of chained (1996) dollars]

|  | 1999 | 2000 | Seasonalily adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | II | III |
| Change in private inventories | 62.1 | 50.6 | 51.7 | 42.8 | -27.1 | -38.3 | -50.4 |
| Farm .................................. | -1.9 | -2.0 | -5.4 | 3.0 | . 2 | -2.5 | -3.5 |
| Construction, mining, and utilities $\qquad$ | -. 6 | -1.8 | . 1 | -6.8 | 1.9 | 6.8 | 4.1 |
| Manufacturing...................... | 13.3 | 13.1 | 12.0 | 12.9 | -15.0 | -35.6 | -45.7 |
| Durable goods industries .... | 6.2 | 12.7 | 10.8 | 17.9 | -10.5 | -25.3 | -36.9 |
| Nondurable goods industries | 7.0 | ${ }^{.6}$ | 1.3 | -4.4 | -4.5 | -10.2 | -8.8 |
| Wholesale trade .................... | 19.1 | 21.2 | 18.2 | 12.5 | -3.0 | 2.6 | -16.5 |
| Durable goods industries .... | 13.6 | 14.2 | 10.2 | 5.5 | -3.7 | -11.6 | -18.2 |
| Nondurable goods industries | 5.5 | 7.0 | 8.0 | 6.8 | . 6 | 12.8 | . 9 |
| Retail trade......................... | 24.5 | 14.9 | 18.7 | 19.3 | -15.3 | -13.2 | 7.5 |
| Motor vehicle dealers ......... | 12.5 | 6.0 | 10.4 | 8.4 | -19.6 | -5.6 | 2.1 |
| Food and beverage stores ... | 1.6 | -. 2 | .4 | 2.1 | 1.2 | .4 -4 | $-.5$ |
| General merchandise stores | 2.7 | 1.1 | . 0 | 2.7 | 6.0 | -. 4 | 1.7 |
| Other retail stores.............. | 7.8 | 8.1 | 8.1 | 8.1 | -3.2 | -7.7 | 4.3 |
| Other industries .................... | 6.8 | 5.5 | 7.7 | 2.8 | 3.6 | 1.2 | . 9 |
| Residual | . 9 | -. 6 | . 1 | -1.3 | . 9 | 3.8 | 3.5 |
| Addenda: |  |  |  |  |  |  |  |
| Change in private inventories | 62.1 | 50.6 | 51.7 | 42.8 | -27.1 | -38.3 | -50.4 |
| Durable goods industries Nondurable goods | 37.5 | 36.0 | 34.8 | 32.8 | -32.8 | -44.5 | $-51.1$ |
| industries. | 24.6 | 15.1 | 17.2 | 10.5 | 4.5 | 4.5 | -. 8 |
| Nontarm industries ............ | 63.5 | 52.3 | 56.6 | 39.7 | -27.3 | -35.8 | -46.8 |
| Wholesale trade. | 19.1 | 21.2 | 18.2 | 12.5 | -3.0 | 2.6 | -16.5 |
| Merchant wholesale trade Durable goods | 17.1 | 16.6 | 11.8 | 8.9 | -2.5 | 2.6 | -9.0 |
| industries ......... | 12.3 | 9.9 | 4.0 | 2.2 | $-3.0$ | -11.5 | -11.9 |
| Nondurable goods industries | 4.8 | 6.6 | 7.6 | 6.4 | . 3 | 12.8 | 2.3 |
| Nonmerchant wholesale trade $\qquad$ | 2.0 | 4.5 | 6.2 | 3.6 | -. 4 | . 0 | -7.2 |

NoTE.- Estimates in this table are based on the North American industry Classification System (NAICS). Chained (1996) dollar series for rear 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 annual sponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

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

|  | Seasonally adjusted quarterly totals |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2000 |  | 2001 |  |  |
|  | 111 | IV | 1 | 11 | 111 |
| Private inventories ${ }^{\text { }}$......................... | 1,486.3 | 1,507.1 | 1,486.3 | 1,464.6 | 1,444.4 |
| Farm................................................... | 96.6 | 103.2 | 108.0 | 105.5 | 102.4 |
| Construction, mining, and utilities ............. | 39.9 | 41.4 | 44.8 | 41.8 | 38.3 |
| Manufacturing....................................... | 485.9 | 489.0 | 465.5 | 450.5 | 439.4 |
| Durable goods industries ...................... | 299.7 | 303.3 | 294.8 | 285.8 | 275.5 |
| Nondurable goods industries ................ | 186.2 | 185.7 | 170.8 | 164.6 | 163.9 |
| Wholesale trade ..................................... | 361.5 | 363.9 | 361.4 | 361.7 | 357.1 |
| Durable goods industries ..................... | 224.1 | 224.1 | 221.4 | 218.1 | 213.3 |
| Nondurable goods industries ................ | 137.5 | 139.8 | 140.0 | 143.6 | 143.8 |
| Retail trade.......................................... | 397.2 | 403.4 | 399.1 | 397.0 | 399.7 |
| Motor vehicle dealers .......................... | 125.8 | 128.8 | 123.3 | 121.7 | 122.8 |
| Food and beverage stores .................... | 31.8 | 32.0 | 32.9 | 33.2 | 33.2 |
| General merchandise stores.................. | 63.5 | 64.3 | 66.1 | 66.1 | 66.6 |
| Other retail stores................................ | 176.1 | 178.3 | 176.9 | 176.0 | 177.0 |
| Other industries ..................................... | 105.2 | 106.2 | 107.4 | 108.2 | 107.4 |
| Addenda: |  |  |  |  |  |
| Private inventories.............................. | 1,486.3 | 1,507.1 | 1,486.3 | 1,464.6 | 1,444.4 |
| Durable goods industries.................. | 726.9 | 733.6 | 716.6 | 703.0 | 689.1 |
| Nondurable goods industries............. | 759.4 | 773.5 | 769.7 | 761.6 | 755.3 |
| Nonfarm industries............................. | 1,389.8 | 1,403.9 | 1,378.3 | 1,359.1 | 1,341.9 |
| Wholesale trade.................................. | 361.5 | 363.9 | 361.4 | 361.7 | 357.1 |
| Merchant wholesale trade.................. | 307.4 | 309.5 | 307.5 | 307.6 | 305.1 |
| Durable goods industries ............... | 192.3 | 191.7 | 189.4 | 186.2 | 182.9 |
| Nondurable goods industries .......... | 115.1 | 117.7 | 118.1 | 121.4 | 122.2 |
| Nonmerchant wholesale trade ............ | 54.1 | 54.5 | 53.9 | 54.1 | 52.0 |
| Final sales of domestic business ${ }^{2}$.... | 696.6 | 704.1 | 716.6 | 720.5 | 723.0 |
| Final sales of goods and structures of domestic business ${ }^{2}$ | 382.4 | 383.0 | 390.4 | 391.1 | 388.5 |
| Ratios of private inventories to final sales of domestic business: |  |  |  |  |  |
| Private inventories to final sales............. | 2.13 | 2.14 | 2.07 | 2.03 | 2.00 |
| Nonfarm inventories to tinal sales Nonfarm inventories to final sales of | 2.00 | 1.99 | 1.92 | 1.89 | 1.86 |
| goods and structures | 3.63 | 3.67 | 3.53 | 3.47 | 3.45 |

1. Inventories are as of the end of the quarter. The quarter-to-quarter change in inventories calculated from GDP. The former is the difference between two inventory stocks, each valued at its respective end-of-quarte 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
2. Quarterly totals. at monthly rates. Final sales of domestic business equals final sales of domestic product less gross product of households and institutions and of general government, and it includes a small amount of nal sales by farm and by
NOTE.- 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 adjusted quarterly totals |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2000 |  | 2001 |  |  |
|  | III | IV | 1 | II | III |
| Private inventories ${ }^{1}$. | 1,494.3 | 1,505.0 | 1,498.3 | 1,488.7 | 1,476.1 |
| Farm. | 103.8 | 104.6 | 104.6 | 104.0 | 103.1 |
| Construction, mining, and utilities | 36.4 | 34.7 | 35.2 | 36.9 | 37.9 |
| Manufacturing.................. | 487.1 | 490.3 | 486.5 | 477.6 | 466.2 |
| Durable goods industries ..................... | 307.2 | 311.7 | 309.1 | 302.7 | 293.5 |
| Nondurable goods industries ................ | 179.8 | 178.7 | 177.6 | 175.0 | 172.8 |
| Wholesale trade. | 372.3 | 375.4 | 374.7 | 375.3 | 371.2 |
| Durable goods industries | 239.0 | 240.4 | 239.5 | 236.6 | 232.0 |
| Nondurable goods industries | 133.4 | 135.1 | 135.2 | 138.4 | 138.6 |
| Retail trade.......................... | 389.0 | 393.8 | 390.0 | 386.7 | 388.6 |
| Motor vehicle dealers. | 125.5 | 127.6 | 122.7 | 121.3 | 121.8 |
| Food and beverage stores .................... | 30.0 | 30.0 | 30.3 | 30.4 | 30.2 |
| General merchandise stores.................. | 62.2 | 62.9 | 64.3 | 64.2 | 64.7 |
| Other retail stores. | 171.3 | 173.3 | 172.5 | 170.6 | 171.7 |
| Other industries.. | 104.5 | 105.2 | 106.1 | 106.4 | 106.6 |
| Residual. | 1.2 | . 8 | 1.2 | 2.2 | 3.2 |
| Addenda: |  |  |  |  |  |
| Private inventories.............................. | 1,494.3 | 1,505.0 | 1,498.3 | 1,488.7 | 1,476.1 |
| Durable goods industries ....................... | 748.8 | 757.0 | 748.8 | 737.7 | 724.9 |
| Nondurable goods industries ............. | 744.4 | 747.1 | 748.2 | 749.3 | 749.1 |
| Nonfarm industries ............................. | 1,389.5 | 1,399.5 | 1,392.6 | 1,383.7 | 1,372.0 |
| Wholesale trade................................. | 372.3 | 375.4 | 374.7 | 375.3 | 371.2 |
| Merchant wholesale trade..................... | 319.4 | 321.6 | 321.0 | 321.6 | 319.4 |
| Durable goods industries ............... | 205.4 | 206.0 | 205.2 | 202.3 | 199.4 |
| Nondurable goods industries .......... | 114.0 | 115.6 | 115.7 | 118.9 | 119.5 |
| Nonmerchant wholesale trade .. | 52.9 | 53.8 | 53.7 | 53.7 | 51.9 |
| Final sales of domestic business ${ }^{2}$..... | 654.4 | 658.6 | 665.5 | 665.9 | 665.0 |
| Final sales of goods and structures of domestic business ${ }^{2}$ $\qquad$ | 373.2 | 372.8 | 378.4 | 377.0 | 374.3 |
| Ratios of private inventories to final sales of domestic business: |  |  |  |  |  |
| Private inventories to tinal sales... | 2.28 | 2.29 | 2.25 | 2.24 | 2.22 |
| Nonfarm inventories to final sales .......... | 2.12 | 2.13 | 2.09 | 2.08 | 2.06 |
| Nonfarm inventories to final sales of goods and structures | 3.72 | 3.75 | 3.68 | 3.67 | 3.67 |

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.
quarterly rates, whereas the change in private inventories component of GDP is stated at annual rates.
2. Quaterly totals at monthly rates. Final sales of domestic business equals final sales of domestic product less gross product of households and institutions and of general government, and it includes a small amount of inal sales by farm and by government enterprises.
NOTE. - Estimates in this table are based on the North American Industry Classification System (NAICS). Chained (1996) dollar inventory series are calculated to ensure that the chained (1996) dollar change in inventories for 1996 equals the current-dollar change in inventories for 1996 and that the average of the 1995 and 1996 end-of-year chain-weighted and fixed-weighted inventories are equal. Chained (1996) dollar final sales are caiculated 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 quantidy indexes uses weights of more than one between the first line and the sum of the most detailed lines for inventories.

## 6. Income and Employment by Industry

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

|  | 1999 | 2000 | Seasonally adjusted at annuai rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | 11 | III |
| National income without capital consumption adjustment | 7,416.5 | 7,946.6 | 8,016.5 | 8,095.6 | 8,143.9 | 8,194.4 |  |
| Domestic industries............. | 7,423.3 | 7,958.7 | 8,034.6 | 8,091.4 | 8,154.4 | 8,206.1 |  |
| Private industries | 6,469.1 | 6,949.7 | 7,020.2 | 7,071.1 | 7,119.3 | 7,158.4 |  |
| Agriculture, forestry, and fishing. $\qquad$ | 110.7 | 117.9 | 120.7 | 118.5 | 119.1 | 119.9 |  |
| Mining .......................... | 48.2 | 57.1 | 58.6 | 60.4 | 66.3 | 65.8 | ... |
| Construction.................. | 389.9 | 425.0 | 426.5 | 434.1 | 445.5 | 447.7 |  |
| Manufacturing ............... | 1,189.8 | 1,237.5 | 1,251.1 | 1,221.5 | 1,195.1 | 1,194.8 |  |
| Durable goods ............ | 697.7 | 723.2 | 732.0 | 713.2 | 699.7 | 687.0 | ........... |
| Nondurable goods ...... | 492.1 | 514.3 | 519.1 | 508.4 | 495.4 | 507.8 |  |
| Transportation and public utilities $\qquad$ | 515.4 | 555.4 | 561.5 | 567.5 | 572.9 | 571.8 |  |
| Transportation............. | 234.9 | 245.2 | 246.4 | 247.8 | 244.4 | 242.0 |  |
| Communications Electric, gas, and | 144.4 | 163.4 | 163.8 | 172.7 | 173.1 | 169.3 | $\ldots$ |
| sanitary services ...... | 136.1 | 146.7 | 151.4 | 147.1 | 155.4 | 160.5 |  |
| Wholesale trade.............. | 444.8 | 479.7 | 486.2 | 485.9 | 475.0 | 471.7 |  |
| Retail trade .................... | 621.8 | 663.5 | 669.7 | 670.1 | 687.5 | 693.1 |  |
| Finance, insurance, and real estate $\qquad$ | 1,379.9 | 1,476.6 | 1,489.0 | 1,513.7 | 1,528.7 | 1,541.3 |  |
| Services........................ | 1,768.7 | 1,937.0 | 1,956.9 | 1,999.3 | 2,029.3 | 2,052.3 |  |
| Government ..................... | 954.1 | 1,009.0 | 1,014.4 | 1,020.3 | 1,035.0 | 1,047.6 |  |
| Rest of the world.................. | $-6.8$ | -12.1 | -18.1 | 4.2 | -10.4 | -11.7 | ........... |

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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | II | III |
| Corporate profits with inventory valuation and capital consumption adjustments $\qquad$ | 825.2 | 876.4 | 895.0 | 847.6 | 789.8 | 759.8 |  |
| Domestic industries .............. | 710.5 | 739.6 | 754.0 | 690.8 | 649.7 | 615.8 |  |
| Financial .......................... | 180.3 | 189.5 | 187.2 | 187.5 | 184.9 | 165.4 |  |
| Nontinancial ..................... | 530.3 | 550.1 | 566.8 | 503.4 | 464.8 | 450.4 |  |
| Rest of the world | 114.6 | 136.8 | 141.0 | 156.8 | 140.0 | 144.0 |  |
| Receipts from the rest of the world | 173.3 | 204.9 | 205.0 | 210.4 | 201.0 | 194.0 |  |
| Less: Payments to the rest of the world $\qquad$ | 58.7 | 68.1 | 64.0 | 53.6 | 61.0 | 50.0 |  |
| Corporate profits with inventory valuation adjustment $\qquad$ | 773.4 | 833.0 | 854.6 | 809.2 | 753.8 | 729.5 |  |
| Domestic industries .............. | 658.8 | 696.3 | 713.6 | 652.4 | 613.8 | 585.4 |  |
| Financial ....................... | 191.0 | 204.4 | 203.1 | 204.4 | 202.2 | 183.3 |  |
| Federal Reserve banks..... | 25.7 | 30.0 | 30.4 | 30.9 | 30.4 | 28.7 |  |
| Other ........................... | 165.3 | 174.4 | 172.7 | 173.5 | 171.7 | 154.6 | ............ |
| Nonfinancial ..................... | 467.8 | 491.8 | 510.6 | 448.0 | 411.6 | 402.1 |  |
| Manufacturing ............... | 163.7 | 155.2 | 159.4 | 119.4 | 90.4 | 93.4 |  |
| Durable goods $\qquad$ Primary metal | 75.8 | 63.2 | 65.7 | 38.1 | 24.8 | 15.6 |  |
| industries | 2.6 | 3.1 | 3.5 | 1.6 | -2.0 | -1.5 | ............ |
| Fabricated metal products | 16.7 | 14.3 | 14.2 | 7.4 | 9.3 | 9.7 |  |
| Industrial machinery and equipment .... | 9.4 | 7.9 | 11.0 | 7.6 | 4.5 | -3.6 |  |
| Electronic and other electric equipment Motor vehicles and | 6.2 | 3.7 | 2.3 | 8 | -1.5 | -4.8 |  |
| equipment ............ | 6.7 | 5.1 | 5.2 | 2.6 | -2.9 | -3.2 |  |
| Other....................... | 34.2 | 29.1 | 29.5 | 18.0 | 17.4 | 18.9 |  |
| Nondurable goods $\qquad$ Food and kindred | 87.9 | 92.0 | 93.7 | 81.3 | 65.6 | 77.8 | ............ |
| products............. | 25.2 | 21.6 | 23.6 | 17.2 | 10.9 | 16.6 | ............ |
| Chemicals and allied products $\qquad$ | 26.6 | 30.6 | 29.6 | 32.2 | 25.1 | 29.0 |  |
| Petroleum and coal products | . 5 | 7.5 | 10.0 | 7.9 | 9.0 | 10.4 |  |
| Other ........................ | 35.6 | 32.3 | 30.5 | 23.9 | 20.5 | 22.0 |  |
| Transportation and public |  |  |  |  |  |  |  |
| utilities ..................... | 59.0 | 67.4 | 70.5 | 67.3 | 66.4 | 62.6 |  |
| Transportation............. | 15.3 | 13.7 | 13.6 | 10.7 | 5.1 | 3.3 |  |
| Communications.......... Electric, gas, and | 5.9 | 12.7 | 12.8 | 17.8 | 15.5 | 9.9 |  |
| sanitary services ...... | 37.8 | 41.0 | 44.1 | 38.7 | 45.8 | 49.4 |  |
| Wholesale trade.............. | 53.8 | 60.5 | 63.7 | 55.9 | 40.3 | 34.0 |  |
| Retail trade .................... | 77.1 | 81.8 | 84.5 | 76.3 | 84.9 | 85.6 |  |
| Other ........................... | 114.2 | 126.9 | 132.5 | 129.1 | 129.7 | 126.5 |  |
| Rest of the world.................. | 114.6 | 136.8 | 141.0 | 156.8 | 140.0 | 144.0 |  |

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]

|  | 1999 | 2000 | Seasonally adjusted |  |  |  |  |  | 1999 | 2000 | Seasonally adjusted |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | 11 | III |  |  |  | III | IV | I | 11 | III |
| Gross domestic product: |  |  |  |  |  |  |  | Exports of goods and services: |  |  |  |  |  |  |  |
| Current dollars ........... | 118.63 | 126.36 | 127.19 | 128.35 | 129.80 | 130.58 | 131.16 | Current dollars ................................ | 113.23 | 126.17 | 129.40 | 128.24 | 127.82 | 123.50 | 117.61 |
| Chain-type quantity index | 113.35 | 118.06 | 118.52 | 119.08 | 119.47 | 119.56 | 119.46 | Chain-type quantity index | 118.38 | 129.63 | 132.62 | 131.27 | 130.88 | 126.78 | 121.15 |
| Chain-type price index .... | 104.66 | 107.04 | 107.31 | 107.78 | 108.65 | 109.22 | 109.80 | Chain-type price index ... | 95.65 | 97.33 | 97.58 | 97.70 | 97.67 | 97.42 | 97.08 |
| Implicit price deflator................... | 104.65 | 107.04 | 107.31 | 107.78 | 108.65 | 109.21 | 109.80 | Implicit price deflator. | 95.65 | 97.33 | 97.57 | 97.70 | 97.67 | 97.41 | 97.08 |
| Personal consumption expenditures: |  |  |  |  |  |  |  | Exports of goods: |  |  |  |  |  |  |  |
| Current dollars ............................ | 119.34 | 128.47 | 129.56 | 131.20 | 133.22 | 134.50 | 134.78 | Current dollars ............................ | 112.92 | 127.04 | 131.54 | 129.32 | 128.43 | 121.99 | 115.38 |
| Chain-type quantity index | 113.96 | 119.48 | 120.14 | 121.07 | 121.98 | 122.74 | 123.11 | Chain-type quantity index ............... | 121.49 | 135.20 | 139.85 | 137.37 | 136.55 | 130.21 | 123.82 |
| Chain-type price index. | 104.72 | 107.52 | 107.85 | 108.37 | 109.23 | 109.59 | 109.49 | Chain-type price index .................... | 92.94 | 93.97 | 94.06 | 94.15 | 94.06 | 93.69 | 93.19 |
| Implicit price deflator ......................... | 104.72 | 107.52 | 107.84 | 108.36 | 109.22 | 109.59 | 109.48 | Implicit price deflator | 92.94 | 93.97 | 94.06 | 94.14 | 94.05 | 93.69 | 93.18 |
| Durable goods: |  |  |  |  |  |  |  | Exports of services: |  |  |  |  |  |  |  |
| Current dollars. | 123.43 | 132.96 | 133.89 | 132.80 | 135.95 | 137.03 | 136.62 | Current dollars | 113.97 | 124.05 | 124.23 | 125.64 | 126.35 | 127.16 | 122.99 |
| Chain-type quantity index | 132.66 | 145.27 | 146.66 | 145.90 | 149.63 | 152.17 | 152.80 | Chain-type quantity index | 111.14 | 117.01 | 116.42 | 117.47 | 117.99 | 118.70 | 114.68 |
| Chain-type price index. | 93.04 | 91.53 | 91.29 | 91.03 | 90.86 | 90.05 | 89.41 | Chain-type price index ................... | 102.55 | 106.02 | 106.71 | 106.95 | 107.08 | 107.13 | 107.25 |
| Implicit price deflator...................... | 93.04 | 91.53 | 91.29 | 91.03 | 90.86 | 90.05 | 89.41 | Implicit price detlator ..................... | 102.55 | 106.02 | 106.70 | 106.95 | 107.08 | 107.13 | 107.24 |
| Nondurable goods: |  |  |  |  |  |  |  | Imports of goods and services: |  |  |  |  |  |  |  |
| Current dollars... | 116.34 | 126.40 | 127.85 | 128.66 | 130.05 | 131.02 | 130.73 | Current dollars .................... | 128.81 | 152.30 | 156.96 | 156.95 | 153.79 | 148.16 | 135.54 |
| Chain-type quantity index | 112.22 | 117.52 | 118.43 | 118.60 | 119.31 | 119.40 | 119.57 | Chain-type quantity index | 140.35 | 159.09 | 163.07 | 162.86 | 160.79 | 157.30 | 150.97 |
| Chain-type price index..................... | 103.67 | 107.55 | 107.96 | 108.49 | 109.01 | 109.74 | 109.34 | Chain-type price index | 91.78 | 95.73 | 96.27 | 96.37 | 95.65 | 94.19 | 89.78 |
| Implicit price deflator...................... | 103.67 | 107.55 | 107.96 | 108.48 | 109.00 | 109.73 | 109.34 | Implicit price deflator ........................ | 91.78 | 95.73 | 96.26 | 96.37 | 95.65 | 94.19 | 89.78 |
| Services: |  |  |  |  |  |  |  | Imports of goods: |  |  |  |  |  |  |  |
| Current dollars. | 120.05 | 128.63 | 129.56 | 132.18 | 134.31 | 135.79 | 136.49 | Current dollars | 129.51 | 154.01 | 158.72 | 158.84 | 154.48 | 148.18 | 140.46 |
| Chain-type quantity index | 111.36 | 115.78 | 116.19 | 117.78 | 118.32 | 119.13 | 119.55 | Chain-type quantity index | 143.40 | 162.75 | 166.76 | 166.50 | 163.65 | 159.60 | 154.32 |
| Chain-type price index.................... | 107.80 | 111.10 | 111.52 | 112.24 | 113.53 | 114.00 | 114.18 | Chain-type price index | 90.32 | 94.63 | 95.19 | 95.40 | 94.40 | 92.85 | 91.03 |
| Implicit price deflator...................... | 107.80 | 111.10 | 111.51 | 112.23 | 113.52 | 113.99 | 114.17 | Implicit price deflator .................... | 90.32 | 94.63 | 95.18 | 95.40 | 94.40 | 92.85 | 91.02 |
| Gross privale domestic investment: |  |  |  |  |  |  |  | Imports of services: |  |  |  |  |  |  |  |
| Current dollars | 131.71 | 142.23 | 143.91 | 143.26 | 138.63 | 134.38 | 130.57 | Current dollars ............................ | 125.17 | 143.37 | 147.78 | 147.09 | 150.20 | 148.06 | 109.81 |
| Chain-type quantity index.................... | 133.59 | 142.67 | 143.95 | 143.10 | 138.49 | 134.08 | 130.33 | Chain-type quantity index ................ | 125.50 | 141.32 | 145.13 | 145.14 | 146.90 | 146.14 | 134.17 |
| Chain-type price index........................ | 98.61 | 99.71 | 99.94 | 100.10 | 100.11 | 100.21 | 100.17 | Chain-type price index .................... | 99.74 | 101.45 | 101.83 | 101.34 | 102.24 | 101.31 | 81.84 |
| Implicit price deflator ......................... | 98.59 | 99.70 | 99.98 | 100.11 | 100.11 | 100.22 | 100.18 | Implicit price deflator | 99.74 | 101.45 | 101.83 | 101.34 | 102.25 | 101.31 | 81.85 |
| Fixed investment: |  |  |  |  |  |  |  | Government consumption expenditures and gross investment: |  |  |  |  |  |  |  |
| Current dollars.. | 130.14 | 141.68 | 143.14 | 143.61 | 144.16 | 140.72 | 137.64 | Current dollars | 114.81 | 122.44 | 122.66 | 124.26 | 126.95 | 129.08 | 129.64 |
| Chain-type quantity index .................. | 131.56 | 141.52 | 142.66 | 142.83 | 143.51 | 139.89 | 136.84 | Chain-type quantity index | 107.72 | 110.60 | 110.41 | 111.31 | 112.76 | 114.14 | 114.64 |
| Chain-type price index .................... | 98.92 | 100.11 | 100.34 | 100.55 | 100.46 | 100.60 | 100.59 | Chain-type price index | 106.58 | 110.71 | 111.10 | 111.63 | 112.58 | 113.09 | 113.09 |
| Implicit price deflator. | 98.92 | 100.11 | 100.34 | 100.55 | 100.45 | 100.59 | 100.58 | Implicit price deflator ........................ | 106.58 | 110.71 | 111.10 | 111.63 | 112.58 | 113.09 | 113.09 |
| Nonresidential: |  |  |  |  |  |  |  | Federal: |  |  |  |  |  |  |  |
| Current dollars. | 130.60 | 143.76 | 146.19 | 146.55 | 145.78 | 140.11 | 135.61 | Current dollars | 106.10 | 111.02 | 110.43 | 111.78 | 113.88 | 114.74 | 116.09 |
| Chain-type quantity index ............. | 136.60 | 150.17 | 152.44 | 152.81 | 152.75 | 146.86 | 142.30 | Chain-type quantity index | 100.97 | 102.68 | 101.92 | 103.07 | 103.88 | 104.35 | 105.53 |
| Chain-type price index ................. | 95.61 | 95.74 | 95.90 | 95.91 | 95.44 | 95.41 | 95.30 | Chain-type price index .................... | 105.09 | 108.12 | 108.35 | 108.46 | 109.62 | 109.96 | 110.00 |
| Implicit price deflator ................... | 95.60 | 95.73 | 95.90 | 95.90 | 95.44 | 95.40 | 95.30 | Implicit price deflator ..................... | 105.08 | 108.12 | 108.35 | 108.45 | 109.62 | 109.96 | 110.00 |
| Structures: |  |  |  |  |  |  |  | National defense: |  |  |  |  |  |  |  |
| Current dollars | 126.02 | 139.37 | 142.73 | 147.07 | 153.69 | 150.48 | 146.53 | Current dollars | 102.11 | 105.15 | 104.23 | 107.12 | 110.06 | 110.95 | 112.36 |
| Chain-type quantity index.......... | 114.17 | 121.25 | 123.64 | 125.94 | 129.64 | 125.47 | 121.49 | Chain-type quantity index ............ | 97.64 | 97.76 | 96.68 | 99.11 | 100.93 | 101.50 | 102.75 |
| Chain-type price index. | 110.38 | 114.95 | 115.49 | 116.83 | 118.61 | 119.99 | 120.67 | Chain-type price index ................ | 104.60 | 107.56 | 107.82 | 108.09 | 109.04 | 109.32 | 109.35 |
| Implicit price deflator ................ | 110.38 | 114.95 | 115.45 | 116.78 | 118.55 | 119.93 | 120.62 | Implicit price deflator .................. | 104.58 | 107.56 | 107.81 | 108.08 | 109.05 | 109.31 | 109.35 |
| Equipment and software: |  |  |  |  |  |  |  | Nondelense: |  |  |  |  |  |  |  |
| Current dollars ............. | 132.13 | 145.23 | 147.34 | 146.38 | 143.15 | 136.65 | 131.96 | Current dollars ......................... | 114.27 | 123.04 | 123.10 | 121.32 | 121.68 | 122.48 | 123.71 |
| Chain-type quantity index.......... | 145.06 | 161.23 | 163.44 | 162.99 | 161.27 | 154.68 | 149.91 | Chain-type quantity index ............ | 107.75 | 112.67 | 112.55 | 111.10 | 109.88 | 110.14 | 111.19 |
| Chain-type price index.............. | 91.09 | 90.08 | 90.15 | 89.82 | 88.76 | 88.35 | 88.03 | Chain-type price index ................ | 106.04 | 109.20 | 109.38 | 109.19 | 110.74 | 111.20 | 111.26 |
| Implicit price deflator ................ | 91.09 | 90.08 | 90.15 | 89.81 | 88.76 | 88.35 | 88.03 ! | Implicit price deflator .................. | 106.05 | 109.21 | 109.37 | 109.19 | 110.74 | 111.20 | 111.26 |
| Residential: |  |  |  |  |  |  |  | State and local: |  |  |  |  |  |  |  |
| Current dollars ... | 128.81 | 135.69 | 134.38 | 135.16 | 139.51 | 142.45 | 143.48 | Current dollars | 120.01 | 129.25 | 129.97 | 131.70 | 134.76 | 137.64 | 137.74 |
| Chain-type quantity index ............. | 117.56 | 118.55 | 116.95 | 116.62 | 119.03 | 120.76 | 121.32 | Chain-type quantity index ................ | 111.71 | 115.26 | 115.41 | 116.17 | 117.99 | 119.88 | 120.00 |
| Chain-type price index ................. | 109.57 | 114.46 | 114.89 | 115.88 | 117.19 | 117.95 | 118.25 | Chain-type price index. | 107.42 | 112.14 | 112.62 | 113.37 | 114.22 | 114.82 | 114.79 |
| Implicit price deflator................... | 109.57 | 114.46 | 114.91 | 115.90 | 117.21 | 117.96 | 118.27 | Implicit price deflator ............................. | 107.42 | 112.14 | 112.62 | 113.37 | 114.21 | 114.81 | 114.79 |

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

10 chained-dollar output multiplied by 100
Percent changes from preceding period for items in this table are shown in table 8.1. Contributions to the percent change in real gross domestic product are shown in table 8.2

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

|  | 1999 | 2000 | Seasonally adjusted |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | II | III |
| Gross domestic product: |  |  |  |  |  |  |  |
| Current doliars. | 118.63 | 126.36 | 127.19 | 128.35 | 129.80 | 130.58 | 131.16 |
| Chain-type quantity index.... | 113.35 | 118.06 | 118.52 | 119.08 | 119.47 | 119.56 | 119.46 |
| Chain-type price index........ | 104.66 | 107.04 | 107.31 | 107.78 | 108.65 | 109.22 | 109.80 |
| Implicit price deflator ......... | 104.65 | 107.04 | 107.31 | 107.78 | 108.65 | 109.21 | 109.80 |
| Final sales of domestic product: |  |  |  |  |  |  |  |
| Current dollars .. | 118.33 | 126.22 | 127.00 | 128.34 | 130.63 | 131.55 | 132.26 |
| Chain-type quantity index.... | 112.96 | 117.78 | 118.22 | 118.93 | 120.10 | 120.32 | 120.33 |
| Chain-type price index........ | 104.76 | 107.16 | 107.44 | 107.92 | 108.77 | 109.34 | 109.93 |
| Implicit price deflator ......... | 104.75 | 107.16 | 107.43 | 107.91 | 108.77 | 109.34 | 109.92 |
| Gross domestic purchases: |  |  |  |  |  |  |  |
| Current dollars ... | 120.47 | 129.55 | 130.57 | 131.84 | 132.95 | 133.51 | 133.19 |
| Chain-type quantity index.... | 115.85 | 121.42 | 122.01 | 122.68 | 122.88 | 123.01 | 122.81 |
| Chain-type price index.. | 103.99 | 106.70 | 107.02 | 107.47 | 108.19 | 108.54 | 108.46 |
| (mplicit price deflator .......... | 103.98 | 106.69 | 107.02 | 107.47 | 108.19 | 108.53 | 108.46 |
| Final sales to domestic purchasers: |  |  |  |  |  |  |  |
| Current dollars .................. | 120.18 | 129.41 | 130.40 | 131.85 | 133.78 | 134.48 | 134.29 |
| Chain-type quantity index.... | 115.47 | 121.16 | 121.73 | 122.55 | 123.52 | 123.78 | 123.68 |
| Chain-type price index........ | 104.08 | 106.81 | 107.13 | 107.60 | 108.31 | 108.65 | 108.58 |
| Implicit price deflator ......... | 104.08 | 106.81 | 107.13 | 107.60 | 108.30 | 108.65 | 108.58 |
| Addenda: |  |  |  |  |  |  |  |
| Final sales of computers: ${ }^{1}$ |  |  |  |  |  |  |  |
| Current dollars............... | 112.50 | 140.41 | 144.51 | 149.64 | 136.78 | 120.56 | 109.52 |
| Chain-type quantity index | 299.26 | 455.72 | 479.77 | 512.33 | 523.45 | 484.59 | 469.94 |
| Chain-type price index.... | 37.59 | 30.81 | 29.99 | 29.09 | 26.02 | 24.77 | 23.21 |
| Implicit price deflator...... | 37.59 | 30.81 | 30.12 | 29.21 | 26.13 | 24.88 | 23.30 |
| Gross domestic product less final sales of computers: |  |  |  |  |  |  |  |
| Current dollars............... | 118.69 | 126.22 | 127.01 | 128.13 | 129.73 | 130.68 | 131.38 |
| Chain-type quantity index | 112.22 | 116.41 | 116.80 | 117.27 | 117.63 | 117.81 | 117.73 |
| Chain-type price index.... | 105.77 | 108.44 | 108.75 | 109.27 | 110.30 | 110.93 | 111.59 |
| Implicit price deflator...... | 105.77 | 108.43 | 108.75 | 109.27 | 110.29 | 110.93 | 111.59 |
| Gross domestic purchases less final sales of computers: |  |  |  |  |  |  |  |
| Current dollars............... | 120.38 | 129.29 | 130.28 | 131.55 | 132.83 | 133.59 | 133.43 |
| Chain-type quantity index | 114.35 | 119.38 | 119.89 | 120.47 | 120.67 | 120.88 | 120.73 |
| Chain-type price index..... | 105.28 | 108.31 | 108.67 | 109.20 | 110.09 | 110.52 | 110.52 |
| Implicit price deflator....... | 105.27 | 108.31 | 108.67 | 109.20 | 110.08 | 110.51 | 110.52 |
| Chain-type price indexes for gross domestic product: |  |  |  |  |  |  |  |
| Food ........................... | 104.67 | 107.08 | 107.49 | 108.08 | 109.15 | 109.92 | 111.08 |
| Energy goods and services | 98.67 | 103.49 | 103.41 | 104.67 | 113.13 | 120.40 | 115.61 |
| Gross domestic product less food and energy.... | 104.87 | 107.17 | 107.44 | 107.87 | 108.47 | 108.79 | 109.48 |
| Chain-type price indexes for gross domestic |  |  |  |  |  |  |  |
| purchases: Food |  |  |  |  |  |  |  |
| Energy goods and services | 105.78 95.61 | 108.23 | 115.32 | 118.44 | 110.28 | 110.99 | 112.88 |
| Gross domestic purchases less food and energy.... | 95.61 104.17 | 113.69 106.26 | 115.32 106.51 | 118.44 106.86 | 121.11 107.46 | 122.92 107.70 | 115.88 107.80 |

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

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 ....... | 118.27 | 125.92 | 126.66 | 128.10 | 129.37 | 130.13 |  |
| Chain-type quantity index.... | 113.05 | 117.69 | 118.08 | 118.90 | 119.13 | 119.21 |  |
| Chain-type price index........ | 104.62 | 107.00 | 107.27 | 107.74 | 108.60 | 109.16 |  |
| Implicit price deflator .......... | 104.62 | 106.99 | 107.27 | 107.74 | 108.60 | 109.16 | .......... |
| Less: Exports of goods and services and income receipts from the rest of the world: <br> Chain-type quantity index.... | 119.39 | 133.62 | 136.04 | 136.22 | 133.62 | 127.53 | ........ |
| Plus: Command-basis exports of goods and services and income receipts from the rest of the world: Chain-type quantity index.... |  |  |  |  |  |  | $\ldots$ |
|  | 123.41 | 135.40 | 137.51 | 137.74 | 135.91 | 131.05 |  |
| Equals: Command-basis gross national product: Chain-type quantity index.... |  |  |  |  |  |  |  |
|  | 113.62 | 117.94 | 118.29 | 119.12 | 119.45 | 179.71 | ........... |

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]

|  | 1999 | 2000 | Seasonally adjusted |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | II | III |
| Personal consumption expenditures. $\qquad$ | Chain-type quantity indexes |  |  |  |  |  |  |
|  | 113.96 | 119.48 | 120.14 | 121.07 | 121.98 | 122.74 | 123.11 |
|  | 132.66 | 145.27 | 146.66 | 145.90 | 149.63 | 152.17 | 152.80 |
| Motor vehicles and parts..... Furniture and household | 127.83 | 135.90 | 137.03 | 134.18 | 139.29 | 141.20 | 141.19 |
| equipment ........... | 141.30 | 159.17 | 160.97 | 162.03 | 165.08 | 169.07 | 171.19 |
| Other............ | 126.80 | 140.18 | 141.40 | 142.23 | 143.97 | 145.59 | 145.24 |
| Nondurable goods | 112.22 | 117.52 | 118.43 | 118.60 | 119.31 | 119.40 | 119.57 |
| Food. | 107.87 | 112.13 | 112.75 | 112.78 | 112.89 | 112.74 | 112.90 |
| Clothing and shoes... | 120.68 | 129.67 | 131.40 | 131.45 | 132.52 | 133.10 | 132.13 |
| Gasoline, fuel oil, and other energy goods. | 108.27 | 107.59 | 108.44 | 107.96 | 109.21 | 107.39 | 106.17 |
| Gasoline and oil | 110.09 | 109.99 | 110.79 | 110.48 | 111.89 | 110.89 | 111.73 |
| Fuel oil and coal. | 93.95 | 88.82 | 90.07 | 88.41 | 88.50 | 80.73 | 64.07 |
| Other. | 116.96 | 124.28 | 125.28 | 126.06 | 127.57 | 128.63 | 130.01 |
| Services | 111.36 | 115.78 | 116.19 | 117.78 | 118.32 | 119.13 | 119.55 |
| Housing.. | 107.64 | 110.03 | 110.28 | 110.88 | 111.49 | 111.96 | 112.48 |
| Household operation. | 112.89 | 119.02 | 119.69 | 123.99 | 123.66 | 121.99 | 123.02 |
| Electricity and gas ... | 102.70 | 105.96 | 105.45 | 112.13 | 108.83 | 104.85 | 104.94 |
| Other household operation | 119.76 | 127.82 | 129.36 | 131.91 | 133.85 | 134.02 | 135.77 |
| Transportation ................... | 113.93 | 117.32 | 117.51 | 118.49 | 118.80 | 118.68 | 117.78 |
| Medical care... | 107.79 | 110.99 | 111.35 | 112.35 | 113.16 | 114.45 | 115.46 |
| Recreation. | 114.88 | 118.78 | 118.89 | 119.61 | 121.52 | 121.83 | 121.25 |
| Other ............................... | 116.81 | 124.36 | 125.03 | 127.64 | 127.84 | 129.87 | 129.95 |
| Addenda: <br> Energy goods and services ${ }^{1}$ Personal consumption expenditures less food and energy $\qquad$ |  |  |  |  |  |  |  |
|  | 105.55 | 106.69 | 106.96 | 109.65 | 108.84 | 106.03 | 105.41 |
|  | 115.62 | 121.66 | 122.35 | 123.34 | 124.51 | 125.71 | 126.19 |
|  | Chain-type price indexes |  |  |  |  |  |  |
| Personal consumption expenditures. | 104.72 | 107.52 | 107.85 | 108.37 | 109.23 | 109.59 | 109.49 |
| Durable goods ..................... | 93.04 | 91.53 | 91.29 | 91.03 | 90.86 | 90.05 | 89.41 |
| Motor vehicles and parts..... Furniture and household equipment <br> Other $\qquad$ $\qquad$ | 99.11 | 99.57 | 99.55 | 99.79 | 100.44 | 100.09 | 99.68 |
|  | 85.21 96.60 | 81.51 95.77 | 81.14 95.41 | 80.10 95.83 | 78.87 96.37 | 77.39 96.12 | 76.36 95.97 |
| Nondurable goods. | 103.67 | 107.55 | 107.96 | 108.49 | 109.01 | 109.74 | 109.34 |
| Food. | 106.13 | 108.64 | 109.15 | 109.60 | 110.69 | 111.39 | 112.42 |
| Clothing and shoes.. | 96.42 | 95.18 | 94.64 | 95.18 | 95.03 | 93.68 | 92.39 |
| Gasoline, fuel oil, and other |  |  |  |  |  |  |  |
| energy goods.... | 94.58 | 121.87 | 123.32 | 125.53 | 123.80 | 129.26 | 117.73 |
| Gasoline and oil. | 94.76 | 121.07 | 122.65 | 123.97 | 121.99 | 128.74 | 116.60 |
| Fuel oil and coal. | 92.64 | 129.27 | 129.33 | 140.32 | 141.13 | 132.89 | 129.06 |
| Other | 106.95 | 109.36 | 109.92 | 110.06 | 110.71 | 111.49 | 112.48 |
| Services | 107.80 | 111.10 | 111.52 | 112.24 | 113.53 | 114.00 | 114.18 |
| Housing.. | 109.31 | 112.79 | 113.21 | 114.19 | 115.27 | 116.57 | 117.79 |
| Household operation .......... | 100.43 | 102.14 | 102.48 | 103.79 | 107.12 | 107.14 | 106.88 |
| Electricity and gas .......... | 98.06 | 103.67 | 105.20 | 108.84 | 117.48 | 117.11 | 115.20 |
| Other household operation | 101.89 | 101.36 | 101.03 | 101.03 | 101.34 | 101.58 | 102.20 |
| Transportation.................. | 105.47 | 108.55 | 109.02 | 109.86 | 110.23 | 110.10 | 109.90 |
| Medical care. | 107.06 | 110.24 | 110.74 | 111.48 | 112.83 | 113.15 | 112.83 |
| Recreation.. | 108.86 | 112.87 | 113.60 | 114.16 | 115.13 | 116.44 | 117.17 |
| Other ............................... | 110.65 | 114.42 | 114.71 | 114.92 | 115.83 | 115.84 | 115.73 |
| Addenda: |  |  |  |  |  |  |  |
| Energy goods and services ' Personal consumption | 96.25 | 113.33 | 114.80 | 117.69 | 120.98 | 123.67 | 116.69 |
| expenditures less food and energy | 104.99 | 107.02 | 107.25 | 107.65 | 108.33 | 108.51 | 108.59 |

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] |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1999 | 2000 | Seasonally adjusted |  |  |  |  |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | 11 | III |
|  | Chain-type quantity indexes |  |  |  |  |  |  |
| Private fixed investment. | 131.56 | 141.52 | 142.66 | 142.83 | 143.51 | 139.89 | 136.84 |
| Nonresidential. | 136.60 | 150.17 | 152.44 | 152.81 | 152.75 | 146.86 | 142.30 |
| Structures | 114.17 | 121.25 | 123.64 | 125.94 | 129.64 | 125.47 | 121.49 |
| Nonresidential buildings, including farm. | 114.76 | 120.55 | 122.19 | 123.16 | 124.94 | 118.53 | 109.16 |
| Utilities ........................ | 126.73 | 134.59 | 135.85 | 148.48 | 155.60 | 152.54 | 139.20 |
| Mining exploration, shafts, and wells. | 95.07 | 111.34 | 120.06 | 117.75 | 134.07 | 144.17 | 144.82 |
| Other structures ............. | 102.45 | 107.69 | 114.35 | 112.50 | 101.72 | 95.79 | 272.52 |
| Equipment and software .... | 145.06 | 161.23 | 163.44 | 162.99 | 161.27 | 154.68 | 149.91 |
| Information processing equipment and software Computers and peripheral | 176.20 | 212.17 | 216.18 | 223.42 | 216.16 | 204.73 | 197.17 |
| equipment ${ }^{1}$.............. | 294.45 | 409.69 | 430.77 | 448.15 | 443.73 | 405.45 | 379.53 |
|  | 175.84 | 197.16 | 199.39 | 206.04 | 202.73 | 200.84 | 196.15 |
| Other........................ | 129.60 | 153.83 | 154.76 | 159.28 | 149.07 | 136.77 | 131.52 |
| Industrial equipment........ | 107.31 | 119.13 | 120.98 | 121.40 | 125.14 | 118.15 | 110.24 |
| Transportation equipment | 142.24 | 138.72 | 139.09 | 126.85 | 127.72 | 125.54 | 124.20 |
| Other ....... | 123.56 | 129.44 | 130.67 | 129.11 | 128.15 | 126.17 | 126.55 |
| Residential. | 117.56 | 118.55 | 116.95 | 116.62 | 119.03 | 120.76 | 121.32 |
| Structures | 117.57 | 118.40 | 116.76 | 116.42 | 118.87 | 120.62 | 121.22 |
| Single family.................. | 118.74 | 119.97 | 117.04 | 116.26 | 120.12 | 121.15 | 121.49 |
| Multifamily.................... | 114.98 | 111.49 | 105.81 | 109.28 | 114.43 | 119.31 | 119.21 |
| Other structures ............. | 116.53 | 117.61 | 118.36 | 117.90 | 118.06 | 120.17 | 121.24 |
| Equipment ....................... | 117.47 | 125.30 | 125.38 | 126.02 | 126.25 | 127.13 | 125.80 |
|  | Chain-type price indexes |  |  |  |  |  |  |
| Private fixed investment | 98.92 | 100.11 | 100.34 | 100.55 | 100.46 | 100.60 | 100.59 |
| Nonresidential..................... | 95.61 | 95.74 | 95.90 | 95.91 | 95.44 | 95.41 | 95.30 |
| Structures ....................... | 110.38 | 114.95 | 115.49 | 116.83 | 118.61 | 119.99 | 120.67 |
| Nonresidential buildings, including farm. | 111.52 | 116.47 | 116.98 | 118.14 | 119.52 | 120.29 | 120.67 |
| Utilities ........................ | 103.41 | 106.54 | 106.89 | 107.44 | 107.87 | 108.18 | 108.93 |
| Mining exploration, shafts, and wells. Other structures | 112.96 106.41 | 117.48 109.68 | 118.99 109.51 | 123.12 | 130.70 112.90 | 138.34 113.67 | 140.69 114.28 |
| Other structures ... | 106.41 91.09 | 109.68 90.08 | 10.51 <br> 90.15 | 89.82 | 88.76 | +88.35 | 88.03 |
| Information processing equipment and software Computers and peripheral | 78.97 | 76.55 | 76.49 | 75.79 | 74.13 | 73.28 | 72.25 |
| equipment ${ }^{1}$.............. | 43.51 | 37.65 | 37.01 | 35.78 | 32.62 | 31.11 | 29.22 |
| Software ${ }^{2} . . . . . . . . . . . . . . . . . . ~$ | 95.54 | 97.62 | 98.48 | 98.64 | 98.79 | 98.92 | 98.84 |
| Other........................ | 94.88 | 93.35 | 93.26 | 92.81 | 92.42 | 91.94 | 91.60 |
| Industrial equipment........ | 101.97 | 102.56 | 102.67 | 102.70 | 102.97 | 103.20 | 103.20 |
| Transportation equipment | 100.79 | 101.66 | 102.06 | 102.20 | 100.85 | 100.76 | 102.09 |
| Other ............................ | 103.44 | 103.86 | 103.99 | 104.25 | 104.86 | 105.23 | 105.51 |
| Residential | 109.57 | 114.46 | 114.89 | 115.88 | 117.19 | 117.95 | 118.25 |
| Structures ........................ | 109.86 | 114.87 | 115.31 | 116.33 | 117.66 | 118.45 | 118.75 |
| Single family.................. | 110.41 | 115.60 | 115.96 | 116.96 | 118.50 | 119.10 | 119.20 |
| Multifamily.................... | 117.40 | 123.90 | 124.46 | 125.62 | 127.29 | 127.94 | 128.04 |
| Other structures ............. | 107.92 | 112.48 | 113.06 | 114.07 | 115.08 | 116.13 | 116.73 |
| Equipment ....................... | 98.08 | 98.10 | 98.19 | 98.10 | 98.73 | 98.25 | 98.51 |

1. Includes new computers and peripheral equipment only.
2. Excludes sottware "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]

|  | 1999 | 2000 | Seasonally adjusted |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | 11 | III |
|  | Chain-type quantity indexes |  |  |  |  |  |  |
| Exports of goods and services | 118.38 | 129.63 | 132.62 | 131.27 | 130.88 | 126.78 | 121.15 |
| Goods ${ }^{\text {a }}$............................ | 121.49 | 135.20 | 139.85 | 137.37 | 136.55 | 130.21 | 123.82 |
| Durable. | 127.67 | 144.40 | 149.26 | 146.33 | 145.05 | 136.57 | 128.70 |
| Nondurable .................... | 108.18 | 115.40 | 119.56 | 118.03 | 118.21 | 116.42 | 113.26 |
| Services ' ......................... | 111.14 | 117.01 | 116.42 | 117.47 | 117.99 | 118.70 | 114.68 |
| Income receipts ................... | 122.71 | 146.67 | 147.25 | 152.41 | 142.66 | 130.15 |  |
| Imports of goods and services | 140.35 | 159.09 | 163.07 | 162.86 | 160.79 | 157.30 | 150.97 |
| Goods '............................ | 143.40 | 162.75 | 166.76 | 166.50 | 163.65 | 159.60 | 154.32 |
| Durable ........................ | 150.50 | 173.51 | 177.49 | 177.72 | 172.44 | 163.20 | 157.83 |
| Nondurabie.................... | 129.77 | 142.65 | 146.65 | 145.67 | 146.63 | 150.93 | 145.88 |
| Services ${ }^{\text { }}$......................... | 125.50 | 141.32 | 145.13 | 145.14 | 146.90 | 146.14 | 134.17 |
| Income payments................. | 133.92 | 161.33 | 164.26 | 160.79 | 156.13 | 143.16 |  |
|  | Chain-type price indexes |  |  |  |  |  |  |
| Exports of goods and services | 95.65 | 97.33 | 97.58 | 97.70 | 97.67 | 97.42 | 97.08 |
| Goods '............................ | 92.94 | 93.97 | 94.06 | 94.15 | 94.06 | 93.69 | 93.19 |
| Durable......................... | 93.64 | 93.66 | 93.81 | 93.71 | 93.78 | 93.70 | 93.48 |
| Nondurable.................... | 91.25 | 94.85 | 94.81 | 95.40 | 94.89 | 93.78 | 92.57 |
| Services ${ }^{\text { }}$......................... | 102.55 | 106.02 | 106.71 | 106.95 | 107.08 | 107.13 | 107.25 |
| Income receipls ................... | 104.14 | 106.66 | 106.92 | 107.43 | 108.17 | 108.54 |  |
| Imports of goods and services | 91.78 | 95.73 | 96.27 | 96.37 | 95.65 | 94.19 | 89.78 |
| Goods '............................ | 90.32 | 94.63 | 95.19 | 95.40 | 94.40 | 92.85 | 91.03 |
| Durable.. | 89.15 | 88.79 | 88.81 | 88.29 | 88.20 | 87.59 | 86.85 |
| Nondurable .................... | 92.85 | 107.90 | 109.74 | 111.66 | 108.55 | 104.95 | 100.83 |
| Services '......................... | 99.74 | 101.45 | 101.83 | 101.34 | 102.24 | 101.31 | 81.84 |
| Income payments................. | 105.22 | 107.98 | 108.31 | 108.79 | 109.63 | 110.11 | ............ |

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]

|  | 1999 | 2000 | Seasonally adjusted |  |  |  |  |  | 1999 | 2000 | Seasonally adjusted |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |  |  |  | 20 |  |  | 2001 |  |
|  |  |  | 111 | N | 1 | 11 | III |  |  |  | III | IV | 1 | 11 | III |
|  | Chain-type quantity indexes |  |  |  |  |  |  | Exports of goods and services ..... | Chain-type price indexes |  |  |  |  |  |  |
| Exports of goods and services...... | 118.38 | 129.63 | 132.62 | 131.27 | 130.88 | 126.78 | 121.15 |  | 95.65 | 97.33 | 97.58 | 97.70 | 97.67 | 97.42 | 97.08 |
| Exports of goods ${ }^{\text {' }}$ | 121.49 | 135.20 | 139.85 | 137.37 | 136.55 | 130.21 | 123.82 | Exports of goods ${ }^{1}$ | 92.94 | 93.97 | 94.06 | 94.15 | 94.06 | 93.69 | 93.19 |
| Foods, feeds, and beverages | 101.95 | 108.01 | 113.51 | 107.74 | 111.80 | 110.09 | 106.39 | Foods, feeds, and beverages | 80.42 | 79.11 | 77.55 | 79.21 | 79.32 | 78.63 | 80.31 |
| Industrial supplies and materials | 108.34 | 119.22 | 122.39 | 122.04 | 119.60 | 115.35 | 114.32 | Industrial supplies and materials | 92.81 | 98.67 | 99.31 | 99.28 | 98.41 | 97.00 | 94.73 |
| Durable goods ...................... | 114.18 | 131.61 | 132.72 | 133.77 | 129.11 | 121.66 | 117.04 | Durable goods | 92.57 | 94.23 | 94.50 | 94.01 | 93.29 | 92.78 | 92.68 |
| Nondurable goods | 105.03 | 112.34 | 116.59 | 115.51 | 114.23 | 111.67 | 112.56 | Nondurable goods | 92.96 | 101.49 | 102.38 | 102.65 | 101.69 | 99.70 | 96.12 |
| Capital goods, except automotive. | 135.08 | 155.94 | 163.32 | 159.65 | 159.98 | 145.05 | 134.30 | Capital goods, except automotive ........ | 90.98 | 90.41 | 90.55 | 90.50 | 90.67 | 90.61 | 90.25 |
| Civilian aircraft, engines, and parts. | 160.53 | 140.13 | 142.21 | 135.55 | 157.18 | 152.62 | 146.04 | Civilian aircraft, engines, and parts .. | 107.06 | 111.45 | 112.12 | 113.61 | 115.82 | 117.32 | 118.19 |
| Computers, peripherals, and parts .... | 156.33 | 195.85 | 207.35 | 203.12 | 200.09 | 175.28 | 164.01 | Computers, peripherals, and parts ... | 68.36 | 64.87 | 64.61 | 64.43 | 63.99 | 63.37 | 62.28 |
| Other | 126.06 | 151.92 | 159.69 | 156.75 | 153.14 | 137.69 | 126.17 | Other | 93.92 | 93.32 | 93.49 | 93.24 | 93.27 | 93.11 | 92.74 |
| Automotive vehicles, engines, and parts | 113.73 | 120.43 | 120.94 | 115.90 | 107.63 | 114.11 | 114.00 | Automotive vehicles, engines, and parts | 101.54 | 102.39 | 102.55 | 102.50 | 102.56 | 102.83 | 102.86 |
| Consumer goods, except automotive.... | 116.54 | 128.20 | 130.73 | 128.64 | 133.52 | 133.24 | 122.31 | Consumer goods, except automotive ... | 100.41 | 100.83 | 100.91 | 100.67 | 100.54 | 100.26 | 100.34 |
| Durable goods ............................... | 119.21 | 132.46 | 134.85 | 131.48 | 139.29 | 139.28 | 129.64 | Durable goods ........................... | 100.06 | 100.79 | 100.94 | 100.61 | 100.90 | 100.64 | 100.93 |
| Nondurable goods | 113.76 | 123.78 | 126.44 | 125.68 | 127.51 | 126.95 | 114.65 | Nondurable goods | 100.78 | 100.88 | 100.88 | 100.73. | 100.13 | 99.83 | 99.67 |
| Other | 133.15 | 137.24 | 140.67 | 146.30 | 140.68 | 140.41 | 135.88 | Other | 95.58 | 96.80 | 96.62 | 97.14 | 97.20 | 97.33 | 97.01 |
| Exports of services ${ }^{1}$ $\qquad$ <br> Transfers under U.S. military agency | 111.14 | 117.01 88.71 | 116.42 81.51 | 117.47 88.16 | 117.99 86.16 | 118.70 92.26 | 114.68 93.22 | Exports of services $\qquad$ <br> Transfers under U.S. military agency | 102.55 100.07 | 106.02 99.10 | 106.71 98.95 | 106.95 | 107.08 98.38 | 107.13 98.35 | 107.25 98.36 |
| sales contracts | 102.26 | 88.71 105.78 | 81.51 103.76 | 88.16 104.06 | 103.71 | 92.26 102.73 | 93.22 | Sales | 100.07 | 119.10 | ${ }^{98.95}$ | 99.10 112.38 | 98.38 | 98.35 112.96 | 98.36 111.29 |
| Passenger fares. | 94.58 | 96.71 | 96.40 | 96.91 | 90.25 | 93.33 | 81.12 | Passenger fares | 102.48 | 105.09 | 105.97 | 104.68 | 107.11 | 104.44 | 107.23 |
| Other transportation | 105.83 | 107.71 | 106.26 | 105.07 | 104.91 | 103.01 | 99.59 | Other transportation | 97.55 | 107.49 | 109.57 | 111.04 | 107.53 | 105.66 | 105.19 |
| Royalties and license fees | 107.59 | 109.67 | 109.74 | 110.20 | 112.39 | 115.27 | 114.08 | Royalties and license fees | 104.25 | 106.80 | 107.08 | 107.59 | 108.33 | 108.70 | 109.34 |
| Other private services.. | 138.37 | 150.21 | 150.67 | 152.67 | 156.69 | 158.32 | 157.88 | Other private services | 97.96 | 98.90 | 99.38 | 99.32 | 99.63 | 99.74 | 100.27 |
| Other . | 87.42 | 103.37 | 107.87 | 109.06 | 108.29 | 106.38 | 105.04 | Other | 117.38 | 124.82 | 126.12 | 126.20 | 128.25 | 130.15 | 131.40 |
| Imports of goods and services ..... | 140.35 | 159.09 | 163.07 | 162.86 | 160.79 | 157.30 | 150.97 | Imports of goods and services .... | 91.78 | 95.73 | 96.27 | 96.37 | 95.65 | 94.19 | 89.78 |
| Imports of goods ${ }^{\text {1 }}$ | 143.40 | 162.75 | 166.76 | 166.50 | 163.65 | 159.60 | 154.32 | Imports of goods ${ }^{1}$ | 90.32 | 94.63 | 95.19 | 95.40 | 94.40 | 92.85 | 91.03 |
| Foods, feeds, and beverages ............... | 129.17 | 138.40 | 141.65 | 141.20 | 139.26 | 141.59 | 145.59 | Foods, feeds, and beverages | 94.48 | 93.03 | 92.61 | 91.84 | 92.18 | 90.40 | 89.29 |
| Industrial supplies and materials, except |  |  |  |  |  |  |  | Industrial supplies and materials, except |  |  |  |  |  |  |  |
| petroleum and products .................. | 125.60 | 134.14 | 135.33 | 133.59 | 131.85 | 133.01 | 131.34 | petroleum and products ................. | 94.46 | 103.39 | 104.71 | 107.75 | 110.52 | 104.60 | 96.67 |
| Durable goods.. | 128.54 | 136.99 | 136.77 | 136.20 | 134.56 | 126.51 | 125.96 | Durable goods ..... | 97.21 | 102.42 | 102.81 | 101.08 | 101.53 | 101.01 | 98.42 |
| Nondurable goods | 122.49 | 131.10 | 133.71 | 130.89 | 129.07 | 138.41 | 135.63 | Nondurable goods | 91.63 | 104.53 | 106.85 | 114.90 | 120.13 | 108.91 | 95.90 |
| Petroleum and products, | 111.96 | 118.25 | 120.56 | 118.16 | 125.46 | 126.80 | 117.01 | Petroleum and products | 83.21 | 139.73 | 145.88 | 147.85 | 128.45 | 123.87 | 118.38 |
| Capital goods, except automotive. | 164.75 | 198.04 | 205.08 | 206.13 | 200.20 | 175.56 | 163.09 | Capital goods, except automotive | 78.58 | 76.75 | 76.66 | 75.99 | 75.68 | 74.87 | 74.10 |
| Civilian aircraft, engines, and parts.... | 174.65 | 188.26 | 189.53 | 215.44 | 216.73 | 214.18 | 207.17 | Civilian aircraft, engines, and parts .. | 107.43. | 110.57 | 111.23 | 112.30 | 113.19 | 114.62 | 115.53 |
| Computers, peripherals, and parts .... | 211.97 | 248.09 | 259.08 | 254.28 | 246.95 | 226.63 | 212.72 | Computers, peripherals, and parts ... | 62.47 | 58.82 | 58.67 | 57.23 | 56.36 | 54.39 | 52.29 |
| Other | 147.45 | 181.53 | 187.98 | 187.89 | 181.64 | 153.79 | 141.34 | Other ......................................... | 83.76 | 82.52 | 82.40 | 82.02 | 81.89 | 81.51 | 81.34 |
| Automotive vehicles, engines, and parts | 137.42 | 149.31 | 151.02 | 146.93 | 142.27 | 146.00 | 147.30 | Automotive vehicles, engines, and parts | 107.03 | 101.73 | 101.87 | 101.88 | 101.91 | 101.61 | 101.48 |
| Consumer goods, except automotive .... | 145.19 | 170.55 | 173.57 | 177.94 | 177.47 | 174.75 | 168.52 | Consumer goods, except automotive ... | 96.80 | 95.94 | 95.87 | 95.60 | 95.56 | 95.26 | 95.16 |
| Durable goods. | 149.24 | 178.41 | 179.97 | 186.19 | 182.78 | 177.26 | 171.18 | Durable goods | 94.11 | 93.03 | 92.95 | 92.68 | 92.62 | 92.10 | 91.78 |
| Nondurable goods | 140.95 | 162.34 | 166.88 | 169.35 | 171.92 | 172.08 | 165.70 | Nondurable goods | 99.78 | 99.19 | 99.12 | 98.86 | 98.85 | 98.81 | 98.95 |
| Other .............................................. | 156.74 | 177.41 | 190.99 | 189.91 | 170.17 | 186.76 | 186.55 | Other ..................... | 99.20 | 100.19 | 100.45 | 100.69 | 101.47 | 100.99 | 99.77 |
| Imports of services ${ }^{\text {] }}$ | 125.50 | 141.32 | 145.13 | 145.14 | 146.90 | 146.14 | 134.17 | Imports of services '............................. | 99.74 | 101.45 | 101.83 | 101.34 | 102.24 | 101.31 | 81.84 |
| Direct defense expenditures | 132.25 | 139.52 | 146.23 | 141.47 | 146.01 | 145.50 | 145.97 | Direct defense expenditures ............... | 91.43 | 88.10 | 87.75 | 86.45 | 88.12 | 85.65 | 88.13 |
| Travel................... | 125.04 | 138.92 | 138.79 | 140.51 | 139.13 | 142.31 | 119.10 | Travel | 97.98 | 96.69 | 96.42 | 94.44 | 96.79 | 95.07 | 95.95 |
| Passenger fares. | 122.54 | 131.14 | 133.39 | 126.49 | 122.05 | 130.71 | 111.72 | Passenger fares | 109.96 | 116.65 | 118.00 | 120.32 | 124.15 | 124.69 | 133.19 |
| Other transportation | 115.91 | 127.52 | 130.23 | 130.42 | 129.82 | 122.34 | 117.60 | Other transportation | 107.48 | 117.49 | 118.33 | 119.99 | 118.40 | 117.40 | 115.54 |
| Royalties and license fees | 154.35 | 192.37 | 216.18 | 201.77 | 213.40 | 207.78 | 202.97 | Royalties and license fees .................. | 104.26 | 106.82 | 107.06 | 107.57 | 108.31 | 108.68 | 109.33 |
| Other private services... | 129.20 | 154.36 | 160.21 | 165.90 | 174.42 | 170.03 | 167.93 | Other private services ....................... | 93.99 | 93.29 | 94.00 | 92.90 | 92.62 | 92.12 | 22.82 |
| Other ............................................... | 107.59 | 110.81 | 111.36 | 113.02 | 113.49 | 115.25 | 116.68 | Other ...................... | 102.42 | 105.15 | 105.44 | 105.04 | 106.01 | 105.33 | 104.83 |
| Addenda: |  |  |  |  |  |  |  | Addenda: |  |  |  |  |  |  |  |
| Exports of agricultural goods ${ }^{2}$. | 102.79 | 111.41 | 117.22 | 111.68 | 113.75 | 113.69 | 112.26 | Exports of agricultural goods ${ }^{2}$. | 78.57 | 77.09 | 75.61 | 77.44 | 77.79 | 77.03 | 78.97 |
| Exports of nonagricultural goods ...... | 123.45 | 137.66 | 142.21 | 140.00 | 138.92 | 132.00 | 125.15 | Exports of nonagricultural goods ..... | 94.34 | 95.59 | 95.83 | 95.76 | 95.63 | 95.30 | 94.55 |
| imports of nonpetroleum goods........ | 146.12 | 166.89 | 171.12 | 171.23 | 166.90 | 162.17 | 157.55 | Imports of nonpetroleum goods ...... | 91.09 | 91.62 | 91.77 | 91.86 | 92.17 | 90.84 | 89.29 |

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the equipment are reclassified 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]


Table 7.14.-Chain-Type Quantity and Price Indexes for Gross Domestic

|  | 1999 | 2000 | Seasonally adjusted |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | 111 | IV | 1 | 13 | 111 |
|  | Chain-type quantity indexes |  |  |  |  |  |  |
| Gross domestic product | 113.35 | 118.06 | 118.52 | 119.08 | 119.47 | 119.56 | 119.46 |
| Business '........................ | 115.01 | 120.18 | 120.69 | 121.26 | 121.59 | 121.53 | 121.23 |
| Nontarm ${ }^{2}$....................... | 115.00 | 120.08 | 120.56 | 121.12 | 121.49 | 121.50 | 121.18 |
| Nonfarm less housing ..... | 115.87 | 121.17 | 121.70 | 122.25 | 122.68 | 122.53 | 122.27 |
| Housing....................... | 107.20 <br> 114.98 | 110.34 13073 | 110.48 1338 | 111.10 136.12 | 110.92 132 1 | 112.27 <br> 124 <br> 1 | 111.54 125.44 1 |
| Households and institutions... | 108.75 | 111.50 | 111.79 | 112.75 | 113.84 | 115.36 | 116.28 |
| Private households............ | 97.57 | 99.69 | 100.45 | 104.64 | 105.44 | 107.65 | 109.04 |
| Nonprofit institutions .......... | 109.16 | 111.93 | 112.20 | 113.04 | 114.35 | 115.64 | 116.54 |
| General government ${ }^{3}$............ | 103.39 | 105.57 | 105.82 | 106.13 | 106.66 | 107.27 | 108.06 |
| Federal........................... | 97.89 | 99.35 | 99.47 | 99.26 | 99.29 | 99.61 | 100.44 |
| State and local................... | 105.98 | 108.49 | 108.80 | 109.35 | 110.11 | 110.85 | 111.62 |
|  | Chain-type price indexes |  |  |  |  |  |  |
| Gross domestic product | 104.66 | 107.04 | 107.31 | 107.78 | 108.65 | 109.22 | 109.80 |
| Business ' | 104.00 | 106.07 | 106.31 | 106.77 | 107.56 | 108.06 | 108.58 |
| Nonfarm ${ }^{2}$........................ | 104.49 | 106.66 | 106.91 | 107.36 | 108.11 | 108.57 | 109.03 |
| Nonfarm less housing ..... | 104.02 | 106.07 | 106.31 | 106.71 | 107.42 | 107.80 | 108.18 |
| Housing....................... | 109.00 | 112.36 | 112.71 | 113.69 | 114.83 | 116.05 | 117.34 |
| Farm.............................. | 70.07 | 65.55 | 64.80 | 66.21 | 69.60 | 73.02 | 77.40 |
| Households and institutions. | 106.40 | 111.14 | 111.83 | 112.90 | 114.50 | 115.80 | 117.32 |
| Private households. | 108.50 | 113.36 | 114.07 | 114.94 | 116.95 | 116.84 | 117.83 |
| Nonprofit institutions .......... | 106.33 | 111.07 | 111.75 | 112.83 | 114.41 | 115.76 | 117.30 |
| General government ${ }^{3}$............ | 109.07 | 113.03 | 113.38 | 113.71 | 114.88 | 115.69 | 116.38 |
| Federal......................... | 107.80 | 111.62 | 111.78 | 111.51 | 113.7 | 114.22 | 114.26 |
| State and locai................... | 109.66 | 113.66 | 114.10 | 114.69 | 115.43 | 116.36 | 117.32 |

1. Equals gross domestic product less gross product of households and instiutions and of general government.
m. Equals gross domestic business product less gross tarm product.
2. Equals gross domestic business product iess gross farm product.
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 $\qquad$ | 1.019 | 1.031 | 1.032 | 1.034 | 1.038 | 1.044 | .......... |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Compensation of employees (unit labor cost) | . 666 | . 677 | . 676 | . 689 | . 698 | . 703 |  |
| Unit nonlabor cost................ | . 245 | . 248 | . 248 | . 249 | . 253 | . 257 |  |
| Consumption of fixed capital Indirect business tax and nontax liability plus business transfer | . 114 | . 116 | . 117 | . 118 | . 120 | . 124 | ........... |
| payments less subsidies.. | . 098 | . 099 | . 098 | . 100 | . 101 | . 101 | ........... |
| Net interest....................... | . 033 | . 033 | . 033 | . 031 | . 032 | . 032 | ........... |
| Corperate profits with inventory valuation and capital consumption adjusiments (unit profits |  |  |  |  |  |  |  |
| from current production) .... | . 108 | . 105 | . 108 | . 095 | . 088 | . 085 | .......... |
| Profits tax liability,............. | . 035 | . 036 | . 036 | . 032 | . 029 | . 029 | ........... |
| Profits after tax with inventory valuation and capital consumption adjustments $\qquad$ | . 073 | . 070 | . 071 | . 063 | . 059 | . 056 |  |

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

Nore.- Effective with the estimates scheduled for release on November 30, 2001, all estimates in this table will business beginning with 1998 .

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

|  | Seasonally adjusted |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2000 |  | 2001 |  |  |
|  | III | IV | 1 | 11 | III |
| Private inventories ' | 99.46 | 100.14 | 99.20 | 98.38 | 97.85 |
| Farm .......................... | 93.02 | 98.72 | 103.19 | 101.40 | 99.32 |
| Construction, mining, and utilities ............. | 109.67 | 119.10 | 127.36 | 113.32 | 101.10 |
| Manufacturing...................................... | 99.77 | 99.73 | 95.69 | 94.31 | 94.24 |
| Durable goods industries .................... | 97.56 | 97.30 | 95.38 | 94.42 | 93.88 |
| Nondurable goods industries ................ | 103.56 | 103.91 | 96.18 | 94.08 | 94.83 |
| Wholesale trade .................................... | 97.11 | 96.94 | 96.46 | 96.36 | 96.20 |
| Durable goods industries ..................... | 93.73 | 93.21 | 92.45 | 92.19 | 91.93 |
| Nondurable goods industries ................ | 103.07 | 103.53 | 103.56 | 103.73 | 103.74 |
| Retail trade........................................... | 102.11 | 102.43 | 102.33 | 102.65 | 102.85 |
| Motor vehicle dealers. | 100.23 | 100.95 | 100.47 | 100.28 | 100.80 |
| Food and beverage stores .................... | 106.22 | 106.83 | 108.56 | 109.34 | 109.95 |
| General merchandise stores.................. | 102.17 | 102.29 | 102.71 | 102.84 | 103.07 |
| Other retail stores................................ | 102.80 | 102.86 | 102.52 | 103.19 | 103.09 |
| Other industries ..................................... | 100.64 | 100.98 | 101.24 | 101.67 | 100.75 |
| Addenda: |  |  |  |  |  |
| Private inventories.............................. | 99.46 | 100.14 | 99.20 | 98.38 | 97.85 |
| Durable goods industries .................. | 97.07 | 96.91 | 95.70 | 95.29 | 95.05 |
| Nondurable goods industries ............ | 102.02 | 103.54 | 102.88 | 101.64 | 100.83 |
| Nonfarm industries ............................. | 100.02 | 100.32 | 98.97 | 98.23 | 97.81 |
| Wholesale trade................................... | 97.11 | 96.94 | 96.46 | 96.36 | 96.20 |
| Merchant wholesale trade.................. | 96.25 | 96.22 | 95.80 | 95.64 | 95.53 |
| Durable goods industries............... | 93.63 | 93.09 | 92.31 | 92.03 | 91.75 |
| Nondurable goods industries.......... | 100.94 | 101.81 | 102.03 | 102.07 | 102.25 |
| Nonmerchant wholesale trade ............ | 102.28 | 101.34 | 100.51 | 100.78 | 100.31 |

1. Implicit price deflators are as of the end of the quarter and are consistent with the inventory stocks shown in tables 5.12 B and 5.138 .
NOTE.-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

|  |  | Type numbers | of Prodt |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Seaso | nally adius |  |  |
|  | 1999 | 2000 | 200 |  |  | 2001 |  |
|  |  |  | 11 | IV | I | 11 | III |
| Gross domestic product. | 113.35 | 118.06 | 118.52 | 119.08 | 119.47 | 119.56 | 119 |
| Final sales of domestic | 112.96 | 117.78 | 118.22 | 18.93 | 120.10 | 120.32 | 120.33 |
| Change in private inventories |  |  |  |  |  |  |  |
|  | 119.14 11816 | 125.03 | 127.16 | 126.40 | ${ }_{127}^{12585}$ | ${ }^{124.43}$ | ${ }^{123.59}$ |
| Change in private |  |  |  |  |  |  |  |
| Durable goods......... | 130.48 | 141.24 | 142.62 | 141.61 | 138.69 | 136.86 | 134.07 |
| Final sales. $\qquad$ | 129.35 | 140.30 | 141.83 | 140.94 | 143.20 | 142.27 | 139.91 |
| Nondurable goods... | $1{ }^{10909.94}$ | ${ }^{113.378}$ | 114.81 | 114.23 | ${ }^{114.96}$ | ${ }^{114.31}$ | 114.87 |
| Final sales.................. | 109.13 | 113.55 | 114.29 | 114.36 | 115.17 | 114.48 | 115.26 |
| Change in private inventories |  |  |  |  |  |  |  |
| Services ......................... | 109.11 | 112.75 | 112.92 | 114.29 | 144.92 | 115.69 | 116.38 |
| Structures......................... | 115.41 | 118.08 | 117.74 | 118.39 | 121.87 | 122.49 | 120.27 |
| Addenda: |  |  |  |  |  |  |  |
| Motor vehicice output........ | 129.26 | 128.39 | 127.77 | 120.86 | 115.40 | 121.94 | 123.4 |
| oss do mestic product less motor vehicle output ..... | 112.80 | 117.69 | 118.19 | 119.00 | 119.59 | 119.47 | 119.31 |

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

|  | 1999 | 2000 | Seasonally adjusted |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | 111 | IV | 1 | 11 | III |
| Motor vehicle output... | 129.26 | 128.39 | 127.77 | 120.86 | 115.40 | 121.94 | 123.45 |
| Auto output ............. | 101.86 | 96.38 | 98.04 | 88.64 | 86.02 | 92.82 | 94.03 |
| Truck output ${ }^{2}$........... | 152.01 | 154.88 | 152.38 | 147.43 | 139.65 | 145.98 | 147.75 |
| Final sales of domestic <br> product................................. 123.90 124.50 124.34 116.56 122.45 123.26 120.51 |  |  |  |  |  |  |  |
| Personal consumption expenditures $\qquad$ | 129.88 | 138.22 | 139.38 | 136.30 | 142.79 | 143.87 | 142.49 |
| New motor vehicles ......... | 134.41 | 145.58 | 145.96 | 143.35 | 151.05 | 151.92 | 151.61 |
| Autos ........................ | 121.54 | 130.17 | 127.89 | 126.45 | 131.41 | 127.73 | 123.28 |
| Light trucks................ | 149.62 | 163.75 | 167.24 | 163.25 | 174.17 | 180.33 | 184.86 |
| Net purchases of used autos. $\qquad$ | 116.04 | 115.93 | 119.34 | 114.94 | 117.89 | 119.59 | 115.16 |
| Private fixed investment .... | 133.59 | 129.88 | 129.56 | 115.73 | 117.35 | 116.27 | 111.94 |
| New motor vehicles ......... | 128.38 | 125.47 | 125.63 | 113.87 | 116.29 | 115.51 | 110.04 |
| Autos ........................ | 106.22 | 104.10 | 103.81 | 99.03 | 103.03 | 102.51 | 96.20 |
| Trucks. | 149.59 | 145.93 | 146.50 | 128.21 | 129.19 | 128.15 | 123.43 |
| Light trucks............. | 157.69 | 162.17 | 165.24 | 146.12 | 152.40 | 151.76 | 147.08 |
| Other ..................... | 134.06 | 115.53 | 111.53 | 94.82 | 86.18 | 84.46 | 79.72 |
| Net purchases of used autos. $\qquad$ | 109.21 | 109.21 | 111.17 | 106.89 | 112.15 | 112.38 | 102.92 |
| Gross government investment | 116.98 | 119.06 | 113.85 | 123.23 | 123.05 | 123.06 | 119.31 |
| Autos ................. | 98.37 | 95.59 | 103.90 | 97.03 | 80.36 | 100.70 | 111.68 |
| New trucks .................... | 127.35 | 132.21 | 119.27 | 137.89 | 147.13 | 135.51 | 123.49 |
| Net exports |  |  |  |  |  |  |  |
| Exports $\qquad$ <br> Autos | 94.17 94.99 | 95.72 95.38 | 94.81 94.34 | 89.64 88.95 | 81.40 85.72 | 93.91 101.05 | 99.83 111.59 |
| Autos ....................................... | 94.99 92.88 | 95.38 96.54 | 94.34 95.87 | 88.95 | 85.72 73.82 | 101.05 81.28 | 111.59 78.89 |
| Imports................................ | 142.51 | 156.20 | 158.07 | 156.01 | 151.58 | 154.11 | 155.17 |
| Autos ........................ | 142.71 | 161.70 | 164.47 | 165.77 | 161.00 | 157.91 | 156.86 |
| Trucks | 141.44 | 130.02 | 127.60 | 109.80 | 106.93 | 135.81 | 146.73 |
| Change in privale inventories Aulos |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| New ............................. | ......... | ..... | ........... | ........... | ........... | ........... |  |
| Domestic .................... |  |  |  |  |  |  | ........... |
| Foreign <br> Used | ....... | .......... | .......... | ........... | ........... | ........... | ............ |
| New truck |  | .......... | ............ | .......... | ........... | ........... | ............ |
| Domestic ........................... | ........ |  | .......... | .......... | .......... | .......... | ........... |
| Foreign ............................. |  |  | .............. | .............. | ............. | .............. | ............... |
| Addenda: |  |  |  |  |  |  |  |
| Final sales of motor venicles to domestic purchasers ... | 130.81 | 134.54 | 134.95 | 128.36 | 132.86 | 133.13 | 130.61 |
| Private fixed investment in new autos and new light trucks | 127.12 | 127.69 | 128.78 | 118.13 | 123.05 | 122.49 | 116.85 |
| Domestic output of new |  |  |  |  |  |  |  |
| autos ${ }^{2}$.......................... | 100.62 | 101.35 | 104.51 | 95.25 | 93.79 | 96.66 | 96.79 |
| Sales of imported new <br> autos ${ }^{3}$ $\qquad$ | 144.48 | 154.48 | 153.04 | 154.26 | 148.78 | 154.69 | 149.49 |

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

## 8. Supplemental Tables

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

|  | 1999 | 2000 | Seasonaliy adjusted at annuai rates |  |  |  |  |  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | 111 | IV | 1 | 11 | III |  |  |  | III | IV | 1 | II | III |
| Gross domestic product: |  |  |  |  |  |  |  | Imports of services: |  |  |  |  |  |  |  |
| Current dollars ......................... | 5.5 | 6.5 | 3.3 | 3.7 | 4.6 | 2.4 | 1.8 | Current dollars ... | 3.8 | 14.5 | 20.4 | -1.9 | 8.7 | -5.6 | -69.7 |
| Chain-type quantity index.............. | 4.1 | 4.1 | 1.3 | 1.9 | 1.3 | . 3 | -. 4 | Chain-type quantity index ................... | 1.1 | 12.6 | 17.1 | 0 | 4.9 | -2.0 | -29.0 |
| Chain-type price index................. | 1.4 | 2.3 | 1.9 | 1.8 | 3.3 3 | 2.1 | 2.1 | Chain-type price index ...................... | 2.7 | 1.7 | 2.8 | -1.9 | 3.6 | -3.6 | $-57.4$ |
| Imprict orice deflator. | 1.4 |  |  | 1.8 | 3. | 2.1 |  | mpror price deflator | 2.7 | 1.7 | 2.8 | -1.9 | 3.6 | -3.6 | -57.4 |
| Personal consumption expenditures: |  |  |  |  |  |  |  | Government consumption expenditures and gross investment: |  |  |  |  |  |  |  |
| Current dollars $\qquad$ Chain-type quantity index. $\qquad$ Chain-type price index $\qquad$ Implicit price deflator | 6.7 | 7.7 | 6.8 | 5.2 | 6.3 | 3.9 | . 8 | Current dollars .................................. | 6.1 | 6.6 | 7 | 5.3 | 9.0 | 6.9 | 1.8 |
|  | 5.0 | 4.8 | 4.3 | 3.1 | 3.0 | 2.5 | 1.2 | Chain-type quantity index ...................... | 3.3 | 2.7 | -1.8 | 3.3 | 5.3 | 5.0 | 1.8 |
|  | 1.6 | 2.7 | 2.4 | 2.0 | 3.2 | 1.3 | -. 4 | Chain-type price index ......................... | 2.8 | 3.9 | 2.6 | 1.9 | 3.5 | 1.8 | . 0 |
|  | 1.6 | 2.7 | 2.4 | 2.0 | 3.2 | 1.3 | -. 4 | Implicit price deflator ........................... | 2.8 | 3.9 | 2.6 | 1.9 | 3.5 | 1.8 | . 0 |
| Durable goods:Current dollars ............................... |  |  |  |  |  |  |  | Federal: |  |  |  |  |  |  |  |
|  | 9.8 | 7.7 | 5.8 | -3.2 | 9.8 | 3.2 | -1.2 | Current dollars.. | 4.6 | 4.6 | -9.0 | 5.0 | 7.7 | 3.1 | 4.8 |
| Chain-type quantity index..................... | 12.5 | 9.5 | 8.2 | -2.1 | 10.6 | 7.0 | 1.7 | Chain-type quantity index .................... | 2.2 | 1.7 | -10.4 | 4.6 | 3.2 | 1.8 | 4.6 |
| Chain-type price index........................ | -2.5 | $-1.6$ | $-2.2$ | $-1.2$ | -. 7 | -3.5 | -2.8 | Chain-type price index ................ | 2.4 | 2.9 | 1.7 | . 4 | 4.4 | 1.2 | . 2 |
| Implicit price deflator .......................... | -2.5 | -1.6 | -2.2 | -1.2 | -. 7 | -3.5 | -2.8 | Implicit price deflator ........................ | 2.4 | 2.9 | 1.6 | . 4 | 4.4 | 1.2 | . 2 |
| Nondurable goods: | 7.2 | 8.6 | 7.1 | 2.6 | 4.4 | 3.0 | -9 | National defense: Current dollars | 4.4 | 3.0 | -8.5 | 11.6 | 11.4 | 3.3 | 5.2 |
| Current doliars ......... | 4.7 | 4.7 | 4.2 | 6 | 2.4 | 3.0 | -. 6 | Chain-type quantity index | 2.1 | 3.0 | -10.4 | 10.5 | 7.4 | 2.3 | 5.2 |
| Chain-type price index.. | 2.3 | 3.7 | 2.7 | 2.0 | 1.9 | 2.7 | -1.4 | Chain-type price index. | 2.3 | 2.8 | 2.2 | 1.0 | 3.6 | 1.0 | . 1 |
| Implicit price deflator ........................ | 2.3 | 3.7 | 2.7 | 2.0 | 1.9 | 2.7 | -1.5 | Implicit price deflator .................... | 2.3 | 2.8 | 2.2 | 1.0 | 3.6 | 1.0 | . 1 |
| Services: |  |  |  |  |  |  |  | Nondefense: |  |  |  |  |  |  |  |
| Current dollars .... | 5.9 | 7.1 | 6.9 | 8.3 | 6.6 | 4.5 | 2.1 | Current dollars ............................. | 4.9 | 7.7 | -9.9 | -5.7 | 1.2 | 2.6 | 4.1 |
| Chain-type quantity index.................... | 3.7 | 4.0 | 3.5 | 5.6 | 1.8 | 2.8 | 1.4 | Chain-type quantity index ................ | 2.3 | 4.6 | -10.4 | -5.1 | -4.3 | 9 | 3.9 |
| Chain-type price index... | 2.2 | 3.1 | 3.2 | 2.6 | 4.7 | 1.7 | . 6 | Chain-type price index ................... | 2.5 | 3.0 | . 6 | -.7 | 5.8 | 1.7 | . 2 |
| Implicit price deflator ......................... | 2.2 | 3.1 | 3.2 | 2.6 | 4.7 | 1.7 | 6 | Implicit price deflator ..................... | 2.5 | 3.0 | . 6 | -. 7 | 5.8 | 1.7 | 2 |
| Gross private domestic investment:Current dollars ................. |  |  |  |  |  |  |  | State and local: |  |  |  |  |  |  |  |
|  | 6.4 | 8.0 | -.9 | -1.8 | -12.3 | -11.7 | -10.9 | Current doilars ..... | 6.9 | 7.7 | 6.1 | 5.4 | 9.6 | 8.8 | 3 |
| Chain-type quantity index. | 6.6 | 6.8 | -2.8 | -2.3 | -12.3 | -12.1 | -10.7 | Chain-type quantity index ................... | 3.9 | 3.2 | 3.0 | 2.7 | 6.4 | 6.6 | 4 |
| Chain-type grice index........ | -. 2 | 1.1 | 1.8 | 7 | . 0 | 4 | -. 2 | Chain-type price index ...... | 2.9 | 4.4 | 3.1 | 2.7 | 3.0 | 2.1 | -. 1 |
| Implicit price deflator ............................ | -. 2 | 1.1 | 2.0 | . 5 | . 0 | . 5 | -. 2 | Implicit price deflator ........................ | 2.9 | 4.4 | 3.1 | 2.7 | 3.0 | 2.1 | -. 1 |
| Fixed investment: |  |  |  |  |  |  |  | Addenda: |  |  |  |  |  |  |  |
| Current dollars ..... | 7.7 | 8.9 | 4.5 | 1.3 | 1.5 | -9.2 | -8.5 | Final sales of domestic product: |  |  |  |  |  |  |  |
| Chain-type quantity index. | 7.8 | 7.6 | 2.5 | . 5 | 1.9 | -9.7 | -8.4 | Current dollars | 5.8 | 6.7 | 4.3 | 4.3 | 7.3 | 2.9 | 2.2 |
| Chain-type price index....................... | -. 1 | 1.2 | 1.9 | . 8 | -. 4 | 6 | -. 1 | Chain-type quantity index ...................... | 4.3 | 4.3 | 2.3 | 2.4 | 4.0 | 7 | . 0 |
| Implicit price deflator Nonresidential: <br> Current dollars | -. 1 | 1.2 | 1.9 | . 8 | -. 4 | 6 | . 0 | Chain-type price index ........................... | 1.4 | 2.3 | 1.9 | 1.8 | 3.2 | 2.1 | 2.2 |
|  |  |  |  |  |  |  |  | Implicit price deflator ... | 1.4 | 2.3 | 1.9 | 1.8 | 3.2 | 2.1 | 2.2 |
|  | 6.7 | 10.1 | 8.5 | 1.0 | -2.1 | -14.7 | -12.3 | Gross domestic purchases: |  |  |  |  |  |  |  |
| Current dollars .............................. | 8.2 | 9.9 | 7.9 | 1.0 | -2 | -14.6 | -11.9 | Current dollars .................................. | 6.6 | 7.5 | 4.4 | 4.0 | 3.4 | 1.7 | -. 9 |
| Chain-type price index implicit price deflator $\qquad$ | $-1.4$ | . 1 | 1.3 | . 0 | -1.9 | -. 1 | -. 4 | Chain-type quantity index ............. | 5.0 | 4.8 | 2.0 | 2.2 | 7 | 4 | $-.7$ |
|  | -1.4 | . 1 | 1.3 | . 0 | -1.9 | $-1$ | -. 4 | Chain-type price index ..................... | 1.5 | 2.6 | 2.3 | 1.7 | 2.7 | 1.3 | -. 3 |
| Structures: |  |  |  |  |  |  |  | Implicit price deflator .................... | 1.5 | 2.6 | 2.4 | 1.7 | 2.7 | 1.3 | -. 3 |
| Current doilars .......................... | . 4 | 10.6 | 20.6 | 12.7 | 19.3 | -8.1 | -10.1 | Final sales to domestic purchasers: |  |  |  |  |  |  |  |
| Chain-type quantity index................ | -2.0 | 6.2 | 15.2 | 7.6 | 12.3 | -12.2 | -12.1 | Current dollars ........................ | 6.8 | 7.7 | 5.3 | 4.5 | 6.0 | 2.1 | -. 6 |
| Chain-type price index.................... | 2.5 | 4.1 | 4.7 | 4.7 | 6.2 | 4.7 | 2.3 | Chain-type quantity index ....................... | 5.2 | 4.9 | 2.9 | 2.7 | 3.2 | . 8 | $-.3$ |
| implicit price deflator... | 2.5 | 4.1 | 4.7 | 4.7 | 6.2 | 4.7 | 2.3 | Ghain-type price index .......................... | 1.5 | 2.6 | 2.3 | 1.8 | 2.6 | 1.3 | -. 3 |
| Equipment and software: |  |  |  |  |  |  |  | Implicit price deflator ............................ | 1.5 | 2.6 | 2.3 | 1.8 | 2.7 | 1.3 | -. 3 |
| Current dollars .......................... | 8.8 | 9.9 | 4.9 | -2.6 | -8.6 | -16.9 | -13.0 | Gross nationai product: |  |  |  |  |  |  |  |
| Chain-type quantity index................ | 11.8 | 11.1 | 4.7 | -1.1 | -4.1 | -15.4 | -11.8 | Current doilars .................................. | 5.5 | 6.5 | 3.2 | 4.6 | 4.0 | 2.4 | .......... |
| Chain-type price index..................... | -2.6 | -1.1 | . 2 | -1.5 | -4.6 | -1.9 | -1.4 | Chain-type quantity index ...................... | 4.0 | 4.1 | 1.3 | 2.8 | . 8 | . 3 | .......... |
| implicit price deflator .................. | -2.6 | -1.1 | . 2 | -1.5 | -4.6 | -1.9 | -1.4 | Chain-type price index ........................... | 1.4 | 2.3 | 1.9 | 1.8 | 3.2 | 2.1 | ......... |
| Residentias: |  |  |  |  |  |  |  | Implicit price deflator ........................... | 1.4 | 2.3 | 1.9 | 1.8 | 3.2 | 2.1 |  |
| Current dollars .......................... | 10.7 | 5.3 | -7.0 | 2.3 | 13.5 | 8.7 | 2.9 | Command-basis gross national product: |  |  |  |  |  |  |  |
|  | 6.7 | . 8 | -10.4 | -1.1 | 8.5 | 5.9 | 1.9 | Chain-type quantity index ...................... | 3.9 | 3.8 | . 9 | 2.8 | 1.1 | . 9 |  |
| Chain-type price index..................... | 3.8 | 4.5 | 3.7 | 3.5 | 4.6 | 2.6 | 1.0 | Disposable personal income: |  |  |  |  |  |  |  |
| implicit price deflator ............................. | 3.8 | 4.5 | 3.7 | 3.5 | 4.6 | 2.6 | 1.0 | Current dollars | 4.1 | 6.2 | 5.1 | 6.3 | 6.0 | 3.8 | 12.3 |
|  |  |  |  |  |  |  |  | Ctained (1996) dollars .... | 2.5 | 3.5 | 2.6 | 4.2 | 2.7 | 2.4 | 12.8 |
| Exports of goods and services: |  |  |  |  |  |  |  | Final sales of computers: ' |  |  |  |  |  |  |  |
| Current dollars ................... | 2.6 | 11.4 | 12.0 | -3.5 | -1.3 | -12.8 | -17.8 | Current dollars .................................. | 2.6 | 24.8 | 16.0 | 15.0 | -30.2 | -39.6 | -31.9 |
| Chain-type quantity index....................... | 3.2 | 9.5 | 10.6 | -4.0 | -1.2 | -11.9 | -16.6 | Chain-type quantity index ...................... | 42.4 | 52.3 | 39.1 | 30.0 | 9.0 | -26.5 | -11.6 |
| Implicit price deflator ..................................... | -. 6 | 1.8 | 1.3 | . 5 | - 1 | -1.0 | -1.4 | Chain-type price index .......................... | -27.9 | -18.0 | -16.5 | -11.5 | $-36.0$ | -17.8 | -23.0 |
|  | -. 6 | 1.8 | 1.3 | . 5 | -. 1 | -1.0 | -1.4 | Implicit price defiator ........................... | -27.9 | -18.0 | -16.6 | -11.6 | -35.9 | -17.8 | -23.0 |
| Exports of goods: |  |  |  |  |  |  |  | Gross domestic product less linal sales of computers: |  |  |  |  |  |  |  |
| Current dollars. | 2.5 | 12.5 | 18.7 | -6.6 | -2.7 | -18.6 | -20.0 | Current doilars ....................................... | 5.6 | 6.3 | 3.1 | 3.6 | 5.1 | 3.0 | 2.1 |
| Chain-type quantity index....................... | 3.9 | 11.3 | 18.3 | -6.9 | -2.4 | -17.3 | -18.2 | Chain-type quantity index ........................................... | 3.8 | 3.7 | 1.0 | 1.6 | 1.2 | . 6 | -. 3 |
| Chain-type price index........................ | -1.4 | 1.1 | . 3 | . 4 | -. 4 | -1.5 | -2.2 | Chain-type price index ................................ | 1.8 | 2.5 | 2.1 | 1.9 | 3.8 | 2.3 | 2.4 |
| Impricit price deffator ........................Exports of services: | -1.4 | 1.1 | . 3 | . 4 | -. 4 | -1.5 | -2.2 | Implicit price defiator ............................ | 1.8 | 2.5 | 2.1 | 1.9 | 3.8 | 2.3 | 2.4 |
|  |  |  |  |  |  |  |  | Gross domestic purchases less final sales of |  |  |  |  |  |  |  |
| Current dollars ................................. | 2.8 | 8.8 | -3.2 | 4.6 | 2.3 | 2.6 | -12.5 | computers: |  |  |  |  |  |  |  |
| Chain-type quantity index...................................... | 1.6 | 5.3 | $-6.7$ | 3.7 | 1.8 | 2.4 | -12.9 | Current dollars ................................. | 6.5 | 7.4 | 4.3 | 4.0 | 3.9 | 2.3 | -. 5 |
| Chain-type price index............................. | 1.2 | 3.4 | 3.7 | . 9 | . 5 | 2 | 4 | Chain-type quantity index ....................... | 4.5 | 4.4 | 1.6 | 2.0 | . 6 | 7 | -. 5 |
| Implicit price deflator ........................ | 1.2 | 3.4 | 3.7 | . 9 | . 5 | 2 | . 4 | Chain-type price index ........................... | 1.9 | 2.9 | 2.6 | 2.0 | 3.3 | 1.6 | . 0 |
| Imports of goods and services: |  |  |  |  |  |  |  | Implicit price deflator ........................... | 1.9 | 2.9 | 2.6 | 2.0 | 3.3 | 1.6 | . 0 |
| Current dollars ..................................... | 11.7 | 18.2 | 18.0 | . 0 | $-7.8$ | -13.9 | -30.0 | Chain-type price indexes for gross domestic |  |  |  |  |  |  |  |
| Chain-type quantity index........................ | 10.5 | 13.4 | 13.0 | -. 5 | -5.0 | -8.4 | -15.2 | product: |  |  |  |  |  |  |  |
| Chain-type price index............................ | . 6 | 4.3 | 4.4 | . 4 | -3.0 | -6.0 | -17.4 | food ............................................... | 1.9 | 2.3 | 3.1 | 2.2 | 4.0 | 2.8 | 4.3 |
| Implicit price deflater .............................. | . 6 | 4.3 | 4.5 | . 5 | -3.0 | -6.0 | -17.5 | Energy goods and services .................. | -1.4 | 4.9 | -1.6 | 5.0 | 36.4 | 28.3 | -15.0 |
| Imports of goods: |  |  |  |  |  |  |  | Gross domestic product less food and energy | 1.4 | 2.2 | 1.9 | 1.6 | 2.2 | 1.2 | 2.6 |
| Current dollars. | 12.6 | 18.9 | 17.6 | 3 | -10.5 | -15.3 | -19.3 | Chain-lype price indexes for gross domestic |  |  |  |  |  |  |  |
| Chain-type quantity index <br> Chain-type price index. $\qquad$ <br> implicit price deflator $\qquad$ | 12.4 | 13.5 | 12.3 | -. 6 | -6.7 | -9.5 | -12.6 | purchases: |  |  |  |  |  |  |  |
|  | . 2 | 4.8 | 4.7 | 9 | -4.1 | -6.4 | -7.6 | Food | 2.0 | 2.3 | 3.6 | 1.6 | 4.1 | 2.6 | 3.7 |
|  | . 2 | 4.8 | 4.8 | 9 | -4.1 | -6.4 | -7.6 | Energy goods and services .................. | 4.2 | 18.9 | 13.8 | 11.3 | 9.3 | 6.1 | -21.0 |
|  |  |  |  |  |  |  |  | Gross domestic purchases less food and energy $\qquad$ | 1.4 | 2.0 | 1.7 | 1.3 | 2.3 | 9 | 4 |

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

Nore. - 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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | 111 | IV | 1 | 11 | III |
| Percent change at annual rate: Gross domestic product | 4.1 | 4.1 | 1.3 | 1.9 | 1.3 | . 3 | -. 4 |
| Percentage points at annual rates: |  |  |  |  |  |  |  |
| Personal consumption |  |  |  |  |  |  |  |
| expenditures ............ | $\begin{array}{r} 3.35 \\ .97 \\ .40 \end{array}$ | 3.28 | 2.88.65 | 2.14-.17-29 | 2.05.83 | $\begin{array}{r}1.72 \\ .56 \\ \hline\end{array}$ | .83.14.00 |
| Durable goods ...................... |  | 77 |  |  |  |  |  |
| Motor vehicles and parts Furniture and household | . 40 | 22 | 33 | -. 29 | . 52 | . 19 |  |
| equipment.................. | 41 | . 38 | 21 | 08 | . 23 | 29 | 15 |
| Other ............................ | 16 | 17. | 11 | 04 | . 08 | 08 | -. 02 |
| Nondurable goods ...... | . 93 | . 94 | 84 | . 12 | . 49 | . 06 | 12 |
| Food.............es. | . 24 | . 38 | 25 | . 01 | .10 | . 06 | . 06 |
| Clothing and shoes ........ |  | . 24 |  | . 01 |  |  | -. 09 |
| Gasoline, fuel oil, and other energy goods | . 05 | -. 01 | ${ }^{06}$ | -. 03 | . 09 | -. 13 | -. 08 |
| Other..................................... | . 30 | . 33 | 32 | . 14 | . 26 | . 18 | . 24 |
| Services............................. | 1.45 | 1.57 | 1.38 | 2.19 | . 73 | 1.10 | . 58 |
| Housing. | . 28 | . 22 | . 18 | . 21 | . 22 | . 16 | . 19 |
| Household operation.. | . 17 | . 21 | 17 | . 57 | -. 04 | -. 22 | 14 |
| Electricity and gas ............. | . 015 | . 05 | -. 05 | 37 | - 19 | -. 24 | . 00 |
| Other household operation.. | 15 | . 16 | 22 | 20 | 15 | . 01 | 13 |
| Transportation...................... | 11 | . 08 | . 05 | . 09 | . 03 | -. 01 | -. 08 |
| Medical care......................... | .24 | . 30 | . 23 | . 37 | . 29 | . 46 | -36 |
| Recreation.......... | 13 | . 09 | . 015 | . 06 | . 17 | 03 | -. 05 |
| Other.. | . 52 | . 67 | . 75 | . 89 | . 07 | 68 | 03 |
| Gross private domestic investment | 1.14 | 1.19 | -. 51 | -. 42 | -2.28 | -2.16 | -1.82 |
| Fixed investment ..................... | 1.29 | 1.28 | . 44 | . 09 | . 33 | -1.74 | -1.45 |
| Nonresidential... | 1.01 | 1.25 | . 91 | . 13 | -. 02 | -1.99 | -1.53 |
| Structures... | -. 07 | . 19 | . 45 | . 24 | . 39 | $-.44$ | -. 42 |
| Equipment and software...... Information processing | 1.08 | 1.06 | . 46 | -. 11 | -. 41 | -1.55 | -1.11 |
| equipment and software Computers and peripheral | . 72 | . 86 | . 61 | . 64 | -. 62 | -. 95 | -. 62 |
| equipment .............. | .35 | .36 | .32 | . 18 | -. 04 | -. 34 | -. 22 |
| Sottware '................... | 22 | . 21 | . 24 | .25 | -. 12 | -. 07 | -. 17 |
| Other...................... | . 15 | . 30 | . 04 | . 20 | -. 46 | -. 54 | -. 23 |
| Industrial equipment ... | . 01 | . 18 | . 19 | . 02 | . 21 | -. 39 | -. 44 |
| Transportation equipment | 33 | -. 05 | -. 31 | -. 70 | . 05 | -. 12 | -. 07 |
| Other .......................... | . 02 | . 07 | -. 03 | -. 07 | -. 04 | -. 09 | . 02 |
| Residential. | 28 | . 04 | -. 47 | -. 05 | 35 | 25 | 08 |
| Change in private inventories ... | -. 15 | -. 09 | -. 95 | -. 50 | -2.61 | -. 42 | -. 37 |
| Farm ................................ | -. 03 | . 00 | -. 20 | . 18 | . 01 | -. 10 | -. 03 |
| Nontarm........................... | -. 12 | -. 09 | -. 75 | -. 68 | -2.61 | -. 32 | -. 34 |
| Net exports of goods and services | -. 98 | -. 79 | -. 70 | -. 39 | . 63 | -. 12 | . 32 |
| Exports ............................... | . 35 | 1.01 | 1.13 | $-.46$ | -. 13 | -1.37 | -1.87 |
| Goods .............................. | . 30 | . 85 | 1.36 | -. 58 | -. 19 | -1.45 | -1.44 |
| Services ............................ | . 05 | . 17 | -. 22 | 12 | 06 | . 08 | -. 43 |
| Impors...... | -1.33 | -1.81 | -1.84 | . 07 | . 76 | 1.25 | 2.19 |
| Goods ... | -1.31 | -1.54 | -.36 | .00 | -. 11 | . 05 | . 66 |
| Services ............................ | -. 02 | $-.26$ |  |  |  |  |  |
| Government consumption |  |  |  |  |  |  |  |
| expenditures and gross investment | . 58 | . 47 | -. 32 | . 58 | . 92 | . 87 | . 32 |
| Federal.. | . 13 | . 10 | -.66 | . 27 | . 19 | . 11 | . 27 |
| National defense ...... | . 08 |  |  |  |  | . 09 | . 19 |
| Consumption expenditures. |  | . 01 | -. 34 | . 13 | . 37 | . 01 | . 20 |
| Gross investment .............. | .03.05 |  |  | - 24 | -. 09 | . 08 | -. 01 |
| Nondefense........................ |  | . 10 | -. 24 |  |  |  |  |
| Consumption expenditures. | . 05 | . 09 | -.16 | - $\mathrm{-}$. 02 | -. 10 | . 02 | . 05 |
| Gross investment.............. | . 05 |  |  |  | 01 |  |  |
| State and local. | . 44 | .37 <br> .32 <br> 05 | . 34 | $\begin{aligned} & .31 \\ & .27 \end{aligned}$ | .73 <br> .39 | .76.35 | .05.39-.35 |
| Consumption expenditures..... |  |  |  |  |  |  |  |
| Gross investment................. | . 17 | . 05 | . 06 | . 04 | . 34 | . 41 |  |
| Addenda: |  |  |  |  |  |  |  |
| Goods ................................. | 2.061.71 | 2.15 | $\begin{aligned} & .76 \\ & .60 \end{aligned}$ | $-.90$ | -.95 | -1.33 | -. 97 |
| Services.............................. |  | 1.78 |  | 2.60 | 1.18 | 1.45 |  |
| Structures. | .31.43.36 | $\begin{array}{r} .21 \\ -.03 \\ -.45 \end{array}$ | $\begin{aligned} & -.02 \\ & -.51 \end{aligned}$ | $\begin{array}{r} .02 \\ -.77 \\ -.77 \end{array}$ | $\begin{aligned} & 1.09 \\ & -.59 \\ & \hline \end{aligned}$ | $\begin{array}{r}.19 \\ .70 \\ \hline 1\end{array}$ | $\begin{array}{r} -.69 \\ -.16 \\ -.11 \end{array}$ |
| Motor vehicle output ............... |  |  |  |  |  |  |  |
| Final sales of computers ${ }^{2}$........... |  |  | . 37 | . 30 | . 10 | -. 31 |  |

1. Excludes soffware "embedded " or bundled, in computers and other equipmen
2. For some components of tinal sales of computers, includes computer parts.

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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | 11 | III |
| Percent change at annual rate: Personal consumption expenditures | 5.0 | 4.8 | 4.3 | 3.1 | 3.0 | 2.5 | 1.2 |
| Percentage points at annual rates: |  |  |  |  |  |  |  |
| Durable goods........................ | 1.46.60 | $\begin{array}{r} 1.13 \\ .32 \end{array}$ | $\begin{aligned} & .97 \\ & .50 \end{aligned}$ | $\begin{aligned} & -.25 \\ & -.43 \end{aligned}$ | 1.22.76 | $\begin{aligned} & .81 \\ & .28 \end{aligned}$ | . 20 |
| Motor vehicles and parts Furniture and household |  |  |  |  |  |  |  |
| equipment | 62 | . 56 | . 31 | 12 | . 33 | . 42 | . 22 |
| Other .......................... | . 24 | . 25 | . 16 | 06 | . 12 | . 11 | -. 02 |
| Nondurable goods ...................... | 1.39 | 1.39 | 1.25 | . 18 | . 72 | .09-.07 | . 17 |
| Food.............. | . 51 | . 57 | . 31 |  | . 06 |  | . 08 |
| Clothing and shoes................. | . 36 | . 35 | . 37 | . 01 | . 15 | . 08 | -. 13 |
| Gasoline, fuel oil, and other energy goods | . 08 | -. 02 | . 10 | -. 05 | . 13 |  |  |
| energy goods......................... | . 08 | -. 00 | . 09 | -.05 | . 13 | $-.09$ | -. 07 |
| Fuel oil and coal....................... | . 00 | -. 01 | . 01 | -. 02 | . 00 | -. 09 | -. 19 |
| Other ..................................... | . 45 | . 49 | . 48 | . 20 | . 38 | 26 | . 34 |
| Services. |  |  | 2.07 | 3.22 | 1.08 | 1.62 | . 84 |
| Housing. | 2.42 | 2.32 .32 | . 27 | . 32 | . 32 | . 24 | .27.20 |
| Household operation .............. | . 25 | . 31 | - $\begin{array}{r}.06 \\ -.07\end{array}$ | . 54 | -. 28 | -.34 |  |
| Electricity and gas....... |  |  |  |  |  |  | . 01 |
| Other household operation ..... | . 23 | .24 <br> .12 | . 32 | 29 | . 22 | . 02 | 19 |
| Transportation ......................... |  |  | . 07 | . 14 | . 04 | -. 02 | -. 12 |
| Medical care ........................... | .36 | .45.13 | . 35 | .09 | . 23 | . 68 |  |
| Recreation ............................ | 19 |  |  |  |  | . 04 | -.07.04 |
| Other .................................. | . 78 | . 99 | 1.11 | 1.31 | . 10 | 1.00 |  |
| Addenda: <br> Energy goods and services ' $\qquad$ Personal consumption expenditures less food and energy. $\qquad$ |  |  |  |  |  |  |  |
|  | . 10 | . 05 | . 03 | . 49 | -. 15 | $-.53$ | -. 11 |
|  |  |  |  |  |  |  |  |
|  | 4.40 | 4.23 | 3.96 | 2.64 | 3.11 | 3.12 | 1.24 |

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

Nore. - 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 consump-

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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | 11 | III |
| Percent change at annual rate: | 7.8 | 7.6 | 2.5 | . 5 | 1.9 | -9.7 | -8.4 |
| Private fixed investment... |  |  |  |  |  |  |  |
| Percentage points at annual rates: |  |  |  |  |  |  |  |
| Nonresidential... | 6.10 | 7.36 | 5.24 | . 74 | -. 11 | -11.28 | -8.97 |
| Structures.. | -. 39 | 1.13 | 2.58 | 1.38 | 2.25 | -2.48 | -2.47 |
| Nonresidential buildings, including farm | -. 21 | . 67 | . 97 | 42 | . 79 | -2.79 | -4.24 |
| Utilities............................. | . 21 | .19 | . 64 | 1.12 | . 63 | -. 26 | $-1.21$ |
| Mining exploration, shafts, and wells. | -. 40 | 25 | . 77 | -. 14 | 1.00 | . 66 | . 05 |
| Other structures.................... | . 01 | . 02 | . 20 | -. 03 | -. 17 | -. 09 | 2.93 |
| Equipment and software.......... | 6.49 | 6.23 | 2.66 | -. 64 | -2.36 | -8.80 | $-6.50$ |
| Information processing |  |  |  |  |  |  |  |
| equipment and sottware.... | 4.31 | 5.07 | 3.48 | 3.64 | -3.59 | -5.44 | -3.64 |
| Computers and peripheral equipment | 2.11 | 2.10 | 1.82 | 1.04 | -. 25 | -1.96 | -1.29 |
|  | 1.31 | 1.23 | 1.40 | 1.43 | -. 71 | - 36 | $-1.00$ |
| Other.................................. | . 89 | 1.74 | . 25 | 1.17 | $-2.63$ | -3.11 | $-1.35$ |
| Industrial equipment............... | . 06 | 1.04 | 1.10 | 13 | 1.21 | -2.21 | -2.59 |
| Transportation equipment........ | 2.01 | -. 31 | -1.78 | -4.00 | . 28 | -. 66 | -. 41 |
| Other................................. | . 11 | 43 | -. 14 | -. 42 | -. 26 | -. 50 | . 13 |
| Residential | 1.70 | . 22 | -2.69 | -. 27 | 2.03 | 1.55 | . 55 |
| Structures | 1.65 | . 18 | -2.70 | -. 28 | 2.02 | 1.54 | . 58 |
| Single family...... | . 96 | . 14 | -2.34 | -. 33 | 1.66 | . 50 | . 19 |
| Multifamily. | . 14 | -. 05 | -. 57 | . 20 | .30 | 30 | . 00 |
| Other structures.................. | . 56 | . 09 | . 21 | -. 15 | . 06 | . 74 | . 39 |
| Equipment........................... | . 05 | . 04 | . 00 | . 01 | . 00 | . 02 | -. 02 |

1. Includes new computers and peripheral equipment only

NoTE- - The quantity indexes on which the estimates in this table are based are shown in table 7.6. The estimates in this table differ from those in table 8.2 because this table shows contributions to real private fixed investment, whereas table 8.2 shows contributions to real gross domestic product

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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | 11 | III |
| Percent change at annual rate: | 3.2 | 9.5 | 10.6 | -4.0 | -1.2 | -11.9 | -16.6 |
| Exports of goods and services... |  |  |  |  |  |  |  |
| Percentage points at annual rates: |  |  |  |  |  |  |  |
| Exports of goods '...................... | 2.77 | 7.93 | 12.45 | -5.05 | -1.69 | -12.80 | -12.92 |
| Foods, feeds, and beverages ..... | . 13 | . 27 | 1.33 | -. 88 | 64 | -. 24 | -. 55 |
| Industrial supplies and materials | 12 | 1.47 | 2.92 | -. 17 | -1.21 | -2.01 | -. 34 |
| Capital goods, except automotive | 1.70 | 4.80 | 5.93 | -2.95 | . 28 | -12.11 | -8.77 |
| Automotive vehicles, engines, and parts | . 23 | 44 | -. 01 | -7.18 | -1.97 | 1.59 | -. 02 |
| Consumer goods, except automotive | . 20 | . 82 | 77 | -. 52 | 1.23 | -. 02 | -2.75 |
| Other ........................................... | .37 | . 13 | 1.50 | . 65 | -.65 | -.01 | -.49 |
| Exports of services '.................... | . 47 | 1.57 | -1.89 | 1.03 | . 51 | . 87 | -3.71 |
| Percent change at annual rate: lmports of goods and services .. | 10.5 | 13.4 |  | -. 5 |  |  | -15.2 |
| Percentage points at annual rates: |  |  | 13.0 |  | -5.0 | -8.4 |  |
| Imports of goods '..................... | 10.30.34 | 11.42.24 | 10.44.42 | -.52-.04 | -5.82-.17 | -8.11.21 | $\begin{array}{r} -10.45 \\ \hline 40 \end{array}$ |
| Foods, feeds, and beverages ...... Industrial supplies and materials, |  |  |  |  |  |  |  |
| except petroleum and products | $\begin{array}{r} .60 \\ .03 \end{array}$ | $\begin{array}{r} .83 \\ .40 \\ \hline \end{array}$ | $\begin{array}{r} .42 \\ -.37 \\ \hline \end{array}$ | $\begin{gathered} -.62 \\ -.68 \end{gathered}$ | -63 <br> 1.95 | $\begin{aligned} & .47 \\ & .36 \end{aligned}$ | -48-8.40 |
| Petroleum and products ............ |  |  |  |  |  |  |  |
| Capital goods, except automotive | $\begin{aligned} & 3.43 \\ & 2.60 \end{aligned}$ | 4.65 | 4.3268 | 48 | -2.72 | -11.45 | -5.87 |
| Automotive vehicles, engines, and parts |  | 1.23 |  | -1.43 | -1.63 | 1.37 | . 64 |
| Consumer goods, except |  | $\begin{array}{r} 3.32 \\ .74 \end{array}$ | $\begin{aligned} & 1.87 \\ & 3.10 \end{aligned}$ | $\begin{array}{r} 1.90 \\ -.13 \end{array}$ | $\begin{array}{r} -.21 \\ -2.42 \end{array}$ | $\begin{array}{r} -1.16 \\ 2.10 \end{array}$ |  |
| automotive .................. | 2.35 |  |  |  |  |  | -2.72-02 |
| Other ............................ | . 95 |  |  |  |  |  |  |
| Imports of services '.................. | . 18 | 1.94 | 2.53 | . 01 | . 74 | -. 28 | -4.71 |

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federa Government, are included in services. Beginning with 1986, repairs and alterations of equipment were reclassi fied 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 82 shows contributions to real gross domestic product 8 ecause imports are subtracted in the calculation of aross domestic product, the contributions of components of real imports have opposite signs in this table and in table 8.2.

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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | 111 | IV | 1 | It | III |
| Percent change at annual rate: Government consumption expenditures and gross investment ${ }^{1}$. | 3.3 | 2.7 | -1.8 | 3.3 | 5.3 | 5.0 | 1.8 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Percentage points at annual rates:Federal ................................. |  |  |  |  |  |  |  |
|  | . 75 | . 58 | -3.75 | 1.52 | 1.10 | . 63 | 1.51 |
| National detense | . 46 | . 03 | -2.37 | 2.15 | 1.61 | . 51 | 1.07 |
| Consumption expenditures ..... | . 27 | -. 01 | -1.90 | . 77 | 2.10 | . 06 | 1.10 |
| Durable goods ${ }^{2}$................ | . 07 | . 01 | -. 12 | . 22 | -. 05 | . 25 | . 29 |
| Nondurable goods.............. | . 05 | . 03 | -. 24 | -. 15 | . 06 | . 34 | . 08 |
| Services | .15-.23 | -.05-.04 | -1.54.22 | .71-.07 | 2.10-.26 | -.53.03 | .73.31 |
| Compensation of general governmentemployees, |  |  |  |  |  |  |  |
| except own-account investment |  |  |  |  |  |  |  |
| Consumption of general |  |  |  |  |  |  |  |
| government fixed |  |  |  |  |  |  |  |
| capital ${ }^{4}$.................... | .00 | -. 01 | - 01 | . 07 | ${ }^{.} 02$ | .02 -59 | . 04 |
| Other services ............... | .38 .19 | -. 01 | -1.77 -47 | .77 1.38 | 2.33 -49 | -59 46 | .39 -03 |
| Gross investment................. | .19 -02 | -04 | -47 06 | 1.38 | -. 49 | . 46 | -. 03 |
| Structures ....................... | -. 02 | -. 07 | . 06 | -. 08 | -. 02 | . 00 | -. 11 |
| Equipment and software ..... | . 21 | . 05 | -. 53 | 1.47 | -. 48 | .45 | . 07 |
| Nondefense............................ | . 29 | . 56 | -1.38 | -. 63 | -. 52 | 12 | 44 |
| Consumption expenditures ..... | -. 02 | . 53 | -. 92 | -. 74 | -. 57 | . 13 | . 27 |
| Durable goods ${ }^{2}$................. | . 09 | . 02 | -. 01 | . 05 | -. 06 | -. 01 | -. 01 |
| Nondurable goods............. | -. 16 | . 07 | -. 04 | -. 61 | .47 | -. 12 | -. 02 |
| Services .......................... | . 06 | . 44 | -.87-.92 | -.18-.23 | -.99.17 | . 26 | .30.14 |
| Compensation of general governmentemployees, except own-account investment |  |  |  |  |  |  |  |
| investment $\qquad$ Consumation of general | . 03 |  |  |  |  |  |  |
| Consumption of general government fixed |  |  |  |  |  |  |  |
| capital ${ }^{+}$.................. | . 16 | . 15 | . 13 | . 13 | . 11 | . 12 | 13 |
| Other services ................. | -. 13 | . 13 | -. 08 | -. 08 | -1.27 | .09 | . 03 |
| Gross investment................... | . 31 | . 03 | -. 46 | . 11 | . 05 | -. 07 | . 18 |
| Structures ........................ | . 00 | -. 07 | -. 09 | . 15 | . 07 | -. 21 | -. 12 |
| Equipment and software ..... | . 31 | . 10 | -. 37 | -. 04 | -. 02 | . 19 | . 30 |
| State and local . | 2.51 | 2.08 | 1.94 | 1.78 | 4.21 | 4.33 | . 27 |
| Consumption expenditures........ | 1.54 | 1.78 | 1.62 | 1.57 | 2.29 | 2.04 | 2.21 |
|  | . 06 | . 06 | . 06 | . 06 | . 07 | . 06 | . 06 |
| Nondurable goods ................. | . 34 | . 38 | . 32 | . 34 | . 39 | . 39 | . 38 |
| Services ............................. | 1.14 | 1.34 | 1.24 | 1.17 | 1.83 | 1.58 | 1.76 |
| Compensation of general government employees, except own-account investment ${ }^{3}$ |  |  |  |  |  |  |  |
| Consumption of general | . 43 | . 74 | 73 | . 58 | 1.10 | . 91 | 1.01 |
| government fixed capital ${ }^{4}$ | . 29 | . 29 | . 28 | . 28 | . 28 | . 28 | . 27 |
| Other services ................... | . 42 | . 32 | . 23 | . 30 | . 45 | . 39 | . 48 |
| Gross investment ......................... | . 97 | . 30 | . 32 | . 21 | 1.93 | 2.29 | -1.94 |
| Structures ........................... | . 61 | . 04 | . 06 | . 01 | 1.95 | 2.38 | -1.76 |
| Equipment and software ......... | . 36 | . 25 | . 25 | . 20 | -. 02 | -. 09 | $-.18$ |

1. Gross government investment consists of general government and government enterprise expenditures for ixeo 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 expenditures or goods and services are classified as investment in structures and in software.
4. Consumption of fixed capital, or depreciation, is included in government consumption expenditures as a partial measure of the value of the services of generai government fixed assets; use of depreciation assumes ero 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 gross investme 8.2 because this table shows contributions to real govemment product.

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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | I | 11 | 11 |
| Current dollars: |  |  |  |  |  |  |  |
| Gross domestic product. | 33,951 | 35,846 | 36,040 | 36,282 | 36,611 | 36,746 | 36,824 |
| Gross national product... | 33,927 | 35,802 | 35,974 | 36,297 | 36,574 |  |  |
| Personal income............. | 24.242 | 25,528 | 25,682 | 26,013 | 26,335 | 26,520 | 21, 238 |
| Personal consumption expenditures ............................................................................................... | 22,895 | 24,429 | 24,609 | 24,861 | 25,189 | 25,372 | 25,366 |
| Durable goods. | 2,787 | 2,976 | 2,993 | 2,962 | 3,025 | 3,042 | 3.026 |
| Nondurable goods ...................................................................................... | 6,708 | 7,224 | 7,298 | 7,327 | 7,390 | 7,428 | 7,395 |
| Services................................................................................................. | 13,399 | 14,230 | 14,317 | 14,572 | 14,774 | 14,902 | 14,945 |
| Chained (1996) dollars: |  |  |  |  |  |  |  |
| Gross domestic product. | 32,442 | 33,490 | 33,583 | 33,663 | 33,697 | 33,646 | 33,538 |
| Gross national product. | 32,429 | 33,463 | 33,537 | 33,691 | 33,678 | 33,623 |  |
| Disposable personal income | 23,150 | 23,742 | 23,814 | 24,006 | 24,111 | 24,200 | 24,880 |
| Personal consumption expenditures ........................................................................ | 21,863 | 22,721 | 22,819 | 22,943 | 23,062 | 23,153 | 23,169 |
| Durable goods .................. | 2,996 | 3,251 | 3,279. | 3,254 | 3,330 | 3,379 | 3,385 |
| Nondurable goods. | 6,471 | 6,717 | 6,760 | 6,754 | 6,780 | 6,769 | 6,763 |
| Services.................................................................................................. | 12,429 | 12,808 | 12,839 | 12,985 | 13,014 | 13,073 | 13,089 |
| Population (mid-period, thousands) ........................................................................................ | 272,996 | 275,423 | 275,735 | 276,388 | 277,011 | 277,650 | 278,292 |

Tabie 8.8B.—Motor Vehicle Output
[Billions of dollars]

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | N | 1 | 11 | III |
| Motor vehicle output. | 353.5 | 353.0 | 351.4 | 332.1 | 315.5 | 331.5 | 336.0 |
| Auto output ............... | 124.5 | 118.5 | 120.7 | 108.6 | 105.5 | 113.6 | 114.3 |
| Truck output ' .................. | 229.1 | 234.5 | 230.7 | 223.5 | 210.0 | 217.9 | 221.7 |
| Final sales of domestic product ...... | 343.5 | 346.9 | 347.3 | 325.3 | 339.9 | 340.5 | 333.2 |
| Personal consumption |  |  |  |  |  |  |  |
| expenditures ....................... | 259.5 | 277.4 | 279.9 | 274.0 | 288.5 | 289.4 | 285.1 |
| New motor vehicles .................. | 201.9 | 218.4 | 219.1 | 214.7 | 226.2 | 226.6 | 225.2 |
| Autos .. | 98.0 | 105.0 | 103.3 | 101.9 | 105.7 | 102.5 | 98.7 |
| Light trucks........................ | 103.9 | 113.4 | 115.8 | 112.7 | 120.5 | 124.0 | 126.5 |
| Net purchases of used autos ...... | 57.6 | 59.1 | 60.7 | 59.4 | 62.4 | 62.9 | 59.9 |
| Private fixed investment .............. | 162.2 | 158.0 | 158.2 | 141.0 | 140.1 | 138.4 | 135.1 |
| New motor vehicles ................. | 198.0 | 194.6 | 195.4 | 177.4 | 179.1 | 177.0 | 170.1 |
| Autos ................................ | 79.2 | 77.6 | 77.5 | 73.8 | 76.6 | 76.1 | 71.2 |
| Trucks ............................. | 118.8 | 117.0 | 117.9 | 103.6 | 102.5 | 101.0 | 98.9 |
| Light trucks ...................... | 81.2 | 84.2 | 86.1 | 76.5 | 77.9 | 76.8 | 75.9 |
| Other .......... | 37.6 | 32.8 | 31.7 | 27.1 | 24.6 | 24.2 | 23.0 |
| Net purchases of used autos ...... | -35.8 | -36.6 | -37.2 | -36.3 | -39.0 | -38.7 | -35.0 |
| Gross government investment...... | 12.8 | 13.2 | 12.6 | 13.7 | 13.4 | 13.3 | 13.0 |
| Autos ................................. | 3.9 | 3.9 | 4.2 | 3.9 | 3.2 | 4.0 | 4.4 |
| New trucks ........................... | 8.9 | 9.3 | 8.4 | 9.8 | 10.2 | 9.4 | 8.7 |
| Net exports ........ | -91.0 | -101.7 | -103.4 | -103.5 | -102.2 | -100.6 | -100.0 |
| Exports.. | 25.3 | 26.1 | 25.9 | 24.5 | 22.3 | 25.7 | 27.4 |
| Autos.. | 16.5 | 16.7 | 16.6 | 15.6 | 15.1 | 17.8 | 19.7 |
| Trucks. | 8.8 | 9.4 | 9.3 | 8.9 | 7.2 | 8.0 | 7.7 |
| imports.... | 116.3 | 127.8 | 129.3 | 128.0 | 124.5 | 126.3 | 127.4 |
| Autos. | 96.3 | 109.2 | 111.0 | 112.1 | 109.1 | 106.7 | 106.1 |
| Trucks ............................... | 20.0 | 18.6 | 18.3 | 15.8 | 15.5 | 19.6 | 21.3 |
| Change in private inventories... | 10.1 | 6.2 | 4.2 | 6.9 | -24.4 | -9.1 | 2.7 |
| Autos. | 1.3 | 2.1 | 6.6 | 2.5 | -9.4 | -4.2 | 1.6 |
| New... | 1.2 | 1.3 | 6.6 | 1.9 | -10.5 | -4.7 | 1.3 |
| Domestic... | - 1 | . 8 | 6.3 | . 9 | -12.0 | -4.2 | 0 |
| Foreign.... | 1.3 | 6 | . 4 | 1.0 | 1.5 | -. 4 | 1.2 |
| Used ..... | . 2 | 8 | -. 1 | . 5 | 1.1 | . 4 | 3 |
| New trucks | 8.7 | 4.1 | -2.4 | 4.4 | -15.0 | -4.8 | 1.1 |
| Domestic ... | 8.3 | 3.2 | -1.0. | 1.1 | -13.8 | -3.8 | 1.6 |
| Foreign ............................... | . 5 | . 9 | -1.4 | 3.3 | -1.2 | -1.0 | -. 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 ${ }^{3}$......... | 434.5 | 448.6 | 450.6 | 428.7 | 442.1 | 441.1 | 433.3 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | 160.3 116.5 | 161.8 117.5 | 163.7 121.0 | 150.2 109.8 | 154.5 108.0 | 152.9 1110 | 147.1 110.9 |
|  | 78.8 | 84.2 | 83.6 | 88.0 | 188.9 80 | 83.9 | 80.9 |

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 8.9B.-Real Motor Vehicie Output
[Billions of chained (1996) dollars]

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | 11 | III |
| Motor vehicle output............. | 356.2 | 353.8 | 352.2 | 333.1 | 318.1 | 336.1 | 340.2 |
| Auto output ...................... | 128.5 | 121.6 | 123.7 | 111.8 | 108.5 | 117.1 | 118.6 |
| Truck output ${ }^{1}$.................... | 227.2 | 231.5 | 227.8 | 220.3 | 208.7 | 218.2 | 220.8 |
| Final sales of domestic product ....... | 346.5 | 348.2 | 347.7 | 326.0 | 342.4 | 344.7 | 337.0 |
| Personal consumption |  |  |  |  |  |  |  |
| expenditures ......................... | 261.8 | 278.6 | 281.0 | 274.8 | 287.8 | 290.0 | 287.2 |
| New motor vehicles .................. | 201.8 | 218.6 | 219.2 | 215.2 | 226.8 | 228.1 | 227.6 |
| Autos. | 99.5 | 106.6 | 104.7 | 103.5 | 107.6 | 104.6 | 100.9 |
| Light trucks......................... | 102.2 | 111.8 | 114.2 | 111.5 | 118.9 | 123.1 | 126.2 |
| Net purchases of used autos ...... | 59.7 | 59.6 | 61.4 | 59.1 | 60.6 | 61.5 | 59.2 |
| Private fixed investment.............. | 161.4 | 156.9 | 156.5 | 139.8 | 141.8 | 140.5 | 135.2 |
| New motor vehicles .................. | 199.2 | 194.7 | 194.9 | 176.7 | 180.5 | 179.2 | 170.7 |
| Autos ................................. | 80.4 | 78.8 | 78.5 | 74.9 | 78.0 | 77.6 | 72.8 |
| Trucks ................................ | 118.9 | 116.0 | 116.5 | 101.9 | 102.7 | 101.9 | 98.1 |
| Light trucks ....................... | 82.5 | 84.8 | 86.4 | 76.4 | 79.7 | 79.4 | 76.9 |
| Other .............................. | 36.5 | 31.4 | 30.4 | 25.8 | 23.5 | 23.0 | 21.7 |
| Net purchases of used autos ..... | -37.5 | -37.5 | -38.2 | -36.7 | -38.5 | -38.6 | -35.4 |
| Gross government investment..... | 12.7 | 12.9 | 12.3 | 13.4 | 13.3 | 13.3 | 12.9 |
| Autos ................................... | 3.8 | 3.7 | 4.0 | 3.7 | 3.1 | 3.9 | 4.3 |
| New trucks ............................. | 8.9 | 9.3 | 8.4 | 9.7 | 10.3 | 9.5 | 8.6 |
| Net exports ................................ | -88.9 | -99.4 | -101.1 | -100.8 | -99.4 | -98.2 | -97.5 |
| Exports | 24.5 | 24.9 | 24.6 | 23.3 | 21.1 | 24.4 | 25.9 |
| Autos ................................. | 16.1 | 16.2 | 16.0 | 15.1 | 14.5 | 17.1 | 18.9 |
| Trucks ................................ | 8.4 | 8.7 | 8.6 | 8.2 | 6.7 | 7.3 | 7.1 |
| Imports.................................. | 113.3 | 124.2 | 125.7 | 124.1 | 120.6 | 122.6 | 123.4 |
| Autos.. | 94.0 | 106.5 | 108.3 | 109.2 | 106.0 | 104.0 | 103.3 |
| Trucks................................ | 19.3 | 17.8 | 17.4 | 15.0 | 14.6 | 18.6 | 20.1 |
| Change in private inventories.......... | 9.6 | 5.8 | 4.1 | 6.4 | -22.6 | -8.3 | 2.5 |
| Autos. | 1.4 | 2.1 | 6.7 | 2.5 | -9.5 | -4.2 | 1.6 |
| New. | 1.2 | 1.3 | 6.7 | 2.0 | -10.7 | -4.7 | 1.3 |
| Domestic | -. 1 | . 8 | 6.4 | . 9 | -12.3 | -4.3 | . 0 |
| foreign | 1.2 | . 5 | . 3 | 1.0 | 1.5 | -. 4 | 1.2 |
| Used ..................................... | . 2 | . 8 | -. 1 | . 5 | 1.1 | . 4 | . 3 |
| New trucks ................................ | 7.3 | 3.4 | -1.9 | 3.6 | -12.1 | -3.8 | . 9 |
| Domestic ............................... | 6.8 | 2.6 | -.7 | . 9 | -11.0 | -3.0 | 1.2 |
| Foreign .................................. | . 5 | . 8 | -1.3 | 3.1 | -1.1 | -. 9 | $-.4$ |
| Residual....................................... | . 4 | -. 8 | -1.1 | $-.3$ | -3.9 | $-1.5$ | . 1 |
| Addenda: |  |  |  |  |  |  |  |
| Final sales of motor vehicles to domestic purchasers | 435.9 | 448.3 | 449.7 | 427.7 | 442.7 | 443.6 | 435.2 |
| Private fixed investment in new autos and new light trucks ... | 162.7 | 163.4 | 164.8 | 151.2 | 157.5 | 156.7 | 149.5 |
| Domestic output of new autos ${ }^{2}$...... | 117.4 | 118.3 | 122.0 | 111.2 | 109.5 | 112.8 | 112.9 |
| Sales of imported new autos ${ }^{3}$........ | 79.9 | 85.5 | 84.7 | 85.4 | 82.3 | 85.6 | 82.7 |

1. Except for exports and imports, consists of new trucks only.
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-dollar value of the corresponding series, divided by 100 . Because the formuia for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually
not additive. The residual line is the difference between the first line and the sum of the most detailed lines, excluding the lines in the addenda
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

|  | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  | 2001 |  |  |
|  |  |  | III | IV | 1 | II | III |
| Percent change at annual rate: | 1.5 | 2.6 | 2.3 | 1.7 | 2.7 | 1.3 | -. 3 |
| Gross domestic purchases ................................................................... |  |  |  |  |  |  |  |
| Percentage points at annual rates: |  |  |  |  |  |  |  |
| Personal consumption expenditures | 1.07-.20 | 1.76-.13 | $\begin{array}{r}1.57 \\ -.18 \\ \hline\end{array}$ | $\begin{array}{r} 1.28 \\ -.09 \\ -.03 \end{array}$ | 2.12-06 | .89-.29 | -.26-.23 |
| Durable goods. |  |  |  |  |  |  |  |
| Motor vehicles and parts. | .01-.18 | . 02 | -. 02 |  | . 09 | -. 05 | -. 06 |
| Furniture and household equipment ................................................................... |  | -. 14 | -. 03 | .03 -.15 | -.18-.04 | -. 22 | -. 16 |
| Other.......................................................................................................... | -. 03 | -. 01 |  | -. 03 |  |  |  |
| Nondurable goods ............................................................................................. | . 45 | .72 <br> 22 | . 53 | .38.15 | .38.37 | . 22 | -. 28 |
|  |  |  | .34-.06 |  |  |  |  |
| Clothing and shoes ...................................................................................... | -. 05 | -. 04 |  | . 13 | -. 02 | - 18 | -. 17 |
| Gasoline, fuel oil, and other energy goods ......................................................... | . 11 | . 42 | . 14 |  | -. 10 |  |  |
| 0ther..................................................................................................... |  |  | 11 | . 93 | 12 | . 65 | -. 65 |
| Services.. | . 83 | 1.17 |  |  | 1.80 |  | .25.40 |
| Housing | . 27 | . 30 | 1.30 | . 32 | $\begin{array}{r}.36 \\ .50 \\ \hline\end{array}$ | .43 |  |
| Household operation................................................................................. | -. -01 | . 08 | . 21 | . 20 |  |  | $\begin{array}{r}.40 \\ -.04 \\ \hline\end{array}$ |
| Electricity and gas ............................................................................... |  |  |  |  | . 47 | -. 02 | -. 10 |
| Other household operation........................................................................ | .00 | -. 01 | -. 04 | $.00$ | .03.04 | . 02 | -. 02 |
| Transportation............................................................................................. | . 21 | . 28 | .07.38 |  |  |  |  |
| Medical care. |  |  |  | .26 | .48.09 | -. 12 | -. 12 |
| Recreation...... | . 07 | . 09 | . 11 | . 08 |  | . 12 |  |
| 0ther................................................................................................... | . 27 | . 34 | 17 |  | . 33 | $.00$ | -. 04 |
| Gross private domestic investment | -. 03 | . 19 | . 31 | . 11 | . 01 | . 06 | -. 02 |
| Fixed investment | -. 02 | 20 | . 32 | .14 <br> .00 <br> 15 |  |  | -.01-.05 |
|  | - $\begin{array}{r}\text { - } \\ .08 \\ \hline 17\end{array}$ | . 12 | .16 <br> .14 |  |  |  |  |
| Structures. |  |  |  |  | $-.24$ | $\begin{array}{r} .0 y \\ -.02 \\ .15 \end{array}$ | -. 0.07 |
| Equipment and sotware............................................................................ | -. 25 | -.t1 | .02-06-.4 | --14-17 | - | -. 17 | -. 12 |
| Information processing equipment and software ............................................. | -.29-.26 | -.14-.15 |  |  | -.40 |  | -. 23 |
| Computers and peripheral equipment....................................................... |  |  | -. 14 | -. 15 |  | -. 17 |  |
|  | . 01 | -.04 |  | .01-.03 | . 01 | -. 01 | -.01-.02 |
| Other........................................................................................... | -. 03 |  | .10 -02 |  | -. 03 |  |  |
| Industrial equipment ............................................................................ | . 01 | -.03 | -.02 | -.03 | . 02 | -01 | -. <br> 00 <br> .09 |
| Transportation equipment......................................................................... | $.02$ | . 021 | $\begin{aligned} & .05 \\ & .01 \end{aligned}$ | . 01 | -. 09 |  |  |
| Other equipment................................................................................. |  |  |  |  | . 03 | . 11 | .09.01.04 |
| Residential .............................................................................................. | . 16 | . 19 | 15 | . 14 | . 19 | . 11 |  |
| Change in private inventories | -.01-.00-.01 | -.01-.00-.01 | .00.00.00 | -.03-.00-.03 | . 07 | -. 03 | -.02-.01-.01 |
| Farm ........................................................................................................ |  |  |  |  | . 00 | . 00 |  |
| Nonfarm................................................................................................... |  |  |  |  | . 07 | -. 03 |  |
| Government consumption expenditures and gross investment..................................... | . 47 | . 66 | . 44 | . 33 | . 59 | . 31 | . 00 |
| Federal. | . 14 | . 17 | . 10 | . 02 | . 25 | . 07 | . 01 |
| National detense ...................................................................................... | . 09 | . 11 | . 08 | . 04 | . 13 | . 04 | . 00 |
| Consumption expenditures ............................................................................. | . 09 | . 11 | . 08 | . 03 | .15 | . 04 | . 01 |
| Gross investment................................................................................... | . 00 | . 00 | . 00 | . 00 | -. 01 | .00 | . 00 |
| Nondefense.......................................................................................... | . 05 | . 06 | . 02 | -. 01 | 12 | . 03 | . 00 |
| Consumption expenditures | . 05 | . 05 | . 01 | -.02 | 12 | . 03 | . 01 |
| Gross investment................................................................................. | . 00 | . 01 | . 01 | . 01 | . 00 | . 00 | . 00 |
| State and local............................................................................................ | . 33 | . 49 | . 34 | . 30 | . 34 | . 24 | -. 01 |
| Consumption expenditures ............................................................................... | . 28 | . 42 | . 29 | . 26 | . 26 | . 21 | -. 01 |
| Gross investment...................................................................................... | . 04 | . 07 | . 06 | . 05 | . 08 | . 03 | . 00 |
| Addenda: |  |  |  |  |  |  |  |
| Final sales of computers ${ }^{2}$........................................................................... | -. 32 | -. 20 | -. 20 | -. 14 | $-48$ | - 19 | -. 22 |
| Gross domestic purchases less final sales of computers ....................................... | 1.90 | 2.84 | 2.52 | 1.93 | 3.20 | 1.55 | . 02 |
| Food .......................... | 19 | . 22 | .34 | . 15 | . 38 | . 25 | . 34 |
|  | . 14 | . 63 | 1.47 | . 42 | . 1.95 | .25 | -. 95 |
| Gross domestic purchases less food and energy .................................................... | 1.19 | 1.75 | 1.47 | 1.14 | 1.95 | . 78 | . 32 |

1. Excludes software "embedded," or bundled, in computers and other equipment
2. For some components of final sales of computers, includes computer parts.
Note. 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, 2001, and include "preliminary" estimates for September 2001 and "revised" estimates for July and August 2001.

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

|  | 1999 | 2000 | 2000 |  |  |  |  | 2001 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July' | Aug. ' | Sep. ${ }^{\text {b }}$ |
| Personal income | 7,777.3 | 8,319.2 | 8,377.4 | 8,423.0 | 8,478.7 | 8,513.5 | 8,566.7 | $8,604.0$ | 8,640.2 | $8,676.2$ | 8,697.0 | 8,709.3 | 8,737.6 | 8,772.5 | 8,779.3 | 8,780.1 |
| Wage and salary disbursements. | 4.472 .2 | 4,837.2 | 4,866.4 | 4,902.6 | 4,946.1 | 4,974.0 | 4,999.4 | 5,022.7 | 5,051.8 | 5,073.8 | 5,092.8 | 5,091.7 | 5,115.0 | 5,128.4 | 5,128.9 | 5,130.9 |
| Private industries ............... | 3,747.9 | 4,068.8 | 4,094.2 | 4,128.9 | 4,170.4 | 4,197.2 | 4.222 .2 | $4,238.4$ | $4,262.3$ | 4,281.1 | 4,296.7 | $4,292.7$ | 4,311.3 | 4.320 .1 | 4.317 .5 | 4,314.8 |
| Goods-producing industries.. | 1,088.7 | 1,163.7 | 1,172.0 | 1,177.5 | 1,189.9 | 1,197.9 | 1,198.6 | 1,202.1 | 1,206.2 | 1,210.6 | 1,208.1 | 1,203.5 | 1,201.7 | 1,203.7 | 1,200.7 | 1,198.0 |
| Manufacturing..... | 782.0 | 830.1 | -836.6 | 840.2 | ${ }^{849.3}$ | ${ }^{853.9}$ | + 853.3 | ${ }^{852.6}$ | - 81410 | ${ }^{853.7}$ | 856.8 | -848.2 | ${ }^{845.5}$ | 847.5 | 843.4 | 839.6 |
| Distributive industries | 1.021 .0 | 1.095 .6 | 1.097 .0 | $1,109.5$ | 1,120.1 | 1.184 .7 | $1,133.0$ | 1,137.7 | 1,141.0 | 1,142.2 | 1.146 .9 | 1,145.2 | 1,152.4 | 1,152.3 | 7,149.3 | 1,145.2 |
| Service industries.. | 1.638 .2 <br> 724 | 7,809.5 | 1,825.2 | 1,841.9 | +,880.4 | 1,874.6 | 1,890.6 | ${ }^{1,898.6}$ | $\begin{array}{r} 1,915.0 \\ 789.6 \end{array}$ | 1,928.3 | 1,941.7 | $\begin{array}{r} 1,944.0 \\ 799.0 \end{array}$ | 1,957.2 | 1,964.1 <br> 808.3 | $1,967.5$ 811.5 | 1,971.6 |
| Other labor income... | 509.7 | 534.2 | 537.9 | 540.5 | 542.9 | 544.9 | 547.0 | 548.2 | 549.3 | 550.3 | 551.3 | 552.0 | 553.3 | 554.4 | 555.3 |  |
| Proprietors' income with IVA and CCAdj........ | 672.0 | 715.0 | 723.7 | 720.3 | 721.7 | 725.4 | 728.5 | 731.7 | 733.7 | 740.2 | 740.0 | 746.0 | 750.1 | 752.1 | 757.3 | 747.4 |
| Farm... | 26.6 | 30.6 | 31.6 | 31.5 | 31.6 | 31.7 | 31.9 | 30.9 | 30.2 | 28.4 | 29.0 | 28.8 | 28.3 | 29.5 | 31.9 | 34.1 |
| Nonfarm. | 645.4 | 684.4 | 692.1 | 688.8 | 690.1 | 693.7 | 696.6 | 700.8 | 703.5 | 711.8 | 711.0 | 717.1 | 721.8 | 722.7 | 725.4 | 713.3 |
| Rental income of persons with CCAdj ........... | 147.7 | 141.6 | 138.1 | 138.5 | 139.4 | 141.4 | 144.4 | 141.5 | 139.6 | 137.9 | 138.1 | 140.3 | 138.6 | 142.4 | 144.0 | 144.4 |
| Personal dividend income ................ | 343.1 | 379.2 | 385.9 | 389.8 | 393.5 | 396.7 | 399.7 | 402.3 | 404.8 | 407.2 | 409.6 | 411.9 | 414.3 | 416.9 | 420.1 | 423.0 |
| Personal interest income. | 950.0 | 1,000.6 | 1,009.4 | 1,011.3 | 1,011.8 | 1,013.1 | 1,014.4 | 1.012.7 | 1,010.8 | 1,009.1 | 1.005 .1 | 1,0007 | 997.2 | 994.2 | 991.2 | 988.4 |
| Transfer payments to persons.. | 1,019.6 | 1,069.1 | 1,074.8 | 1,080.6 | 1,086.2 | 1,082.1 | 1,098.6 | 1,115.8 | 1,122.4 | 1,131.0 | 1,134.1 | 1,140.3 | 1,143.6 | 1,158.9 | 1,157.1 | 1,164.1 |
| Old-age, survivors, disability, and health insurance benefits | 588.0 | 617.3 | 620.9 | 625.2 | 623.6 | 622.3 | 633.5 | 646.4 | 651.7 | 656.0 | 658.7 | 660.7 | 660.8 | 672.6 | 669.5 | 673.3 |
| Government unemployment insurance benefits |  |  |  |  |  |  | 22.7. | 22.7 | 22.7 | 22.8 | 23.2 | 23.1 | 23.0 | 23.4 | 23.7 | 24.9 |
| Other ................................................. | 411.2 | 431.5 | 434.3 | 435.1 | 440.0 | 438.9 | 442.5 | 446.7 | 448.0 | 452.2 | 452.3 | 456.4 | 459.9 | 462.8 | 463.9 | 465.9 |
| Less: Personal contributions for social insurance | 337.1 | 357.7 | 358.8 | 360.7 | 362.9 | 364.2 | 365.3 | 370.7 | 372.2 | 373.2 | 374.0 | 373.5 | 374.5 | 375.0 | 374.6 | 374.3 |

IVA Inventory valuation adjustment.
${ }^{\prime}$ Revised.
Source: U.S. Bureau of Economic Analysis.
CCAdj Capital consumption adjustment.

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


## 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 2001 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-Dollar and Real Estimates" is not published in this issue. For the annual revision of these estimates, see the article "Gross Domestic Product by Industry for 1998-2000" in this issue.

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

|  | Billions of dollars |  |  | Billions of chained (1996) doliars |  |  |  | Billions of doliars |  |  | Billions of chained (1996) dollars |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1998 | 1999 | 2000 | 1998 | 1999 | 2000 |  | 1998 | 1999 | 2000 | 1998 | 1999 | 2000 |
| Personal consumption expenditures........... | 5,856.0 | 6,250.2 | 6,728.4 | 5,683.7 | 5,968.4 | 6,257.8 | Pe | 529.8 | 577.3 | 638.9 | 484.4 | 517.0 | 554.8 |
| Food and tobacto. | 906.9 | 965.5 | 1,029.5 | 865.3 | 889.7 | 921.6 | Brokerage charges and investment counseling (s.) Bank service charges, trust services, and sate | 58.1 | 68.0 | 83.9 | 60.4 | 75.6 | 98.0 |
| Food purchased for off-premise consumption |  |  |  |  |  |  | deposit box rental (s.) ............................. | 55.7 | 63.4 | 68.3 | 51.6 | 57.0 | 58.7 |
| (n.d.) ........................................ | 507.9 | 536.7 | 569.6 | 492.2 | 511.6 | 531.0 | Services furrished without payment by finaricial |  |  |  |  |  |  |
| Purchased meals and beverages' (n.d.) Food furnished to employees (including military) | 335.4 | 353.4 | 378.0 | 318.3 | 327.2 | 341.1 | intermediaries except life insurance carriers (s.) Expense of handling life insurance and pension | 221.2 | 238.8 | 265.4 | 195.6 | 206.8 | 222.7 |
| (n.d.)................................................ | 8.8 | 9.1 | 9.4 | 8.4 | 8.5 | 8.7 | plans ${ }^{17}$ (s.) ............................................ | 90.9 | 97.0 | 104.5 | 81.7 | 83.0 | 83.5 |
| Food produced and consumed on farms (n.d.) .... | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | Legal services (s.) | 58.7 | 62.4 | 66.1 | 54.0 | 54.7 | 55.1 |
| Tobacco products (n.d.) ............................. | 54.4 | 65.7 | 72.1 | 46.1 | 43.3 | 42.8 | Funeral and burial expenses (s.) ...................... | 16.2 | 16.4 | 16.9 | 14.9 | 14.6 | 14.6 |
| Addenda: Food excluding alcoholic beverages |  |  |  |  |  |  | Other ${ }^{18}$ (s.) .................................................. | 28.9 | 31.3 | 33.7 | 27.1 | 28.3 | 29.4 |
| (n.d.).............................................. | 745.1 | 786.4 | 834.2 | 716.0 | 741.3 | 769.0 |  |  |  |  |  |  |  |
| Alcoholic beverages purchased for off-premise consumption (n.d.) .. | 62.1 | 65.9 | 71.2 | 60.7 | 63.1 | 66.2 | Transportation ...................................... | 649.9 599.2 | 711.6 658.9 | 784.9 727.9 | 658.5 609.4 | 708.3 657.2 | 735.5 682.7 |
| Other alcoholic beverages ( $\mathrm{n} . \mathrm{d}$. )...... | 45.4 | 47.5 | 52.1 | 42.7 | 43.4 | 46.2 | New autos (d.) ............... | 87.9 | 98.0 | 105.0 | 88.5 | 99.5 | 106.6 |
|  |  |  |  |  |  |  | Net purchases of used autos (d.) | 54.9 | 57.6 | 59.1 | 57.5 | 59.7 | 59.6 |
| Clothing, accessories, and jewelry ................ | 367.2 | 391.0 | 416.2 | 375.0 | 404.9 | 435.3 | Other motor vehicles (d.). | 104.5 | 124.7 | 138.5 | 103.7 | 122.7 | 134.3 |
| Shoes (n.d.) ............................................. | 42.4 | 44.8 | 46.8 | 42.9 | 46.5 | 49.4 | Tires, tubes, accessories, and other parts (d.)... | 41.5 | 44.4 | 46.3 | 42.1 | 45.3 | 47.1 |
| Clothing and accessories except shoes ${ }^{2}$.............. | 242.0 | 255.8 | 272.0 | 247.2 | 265.3 | 285.6 | Repair, greasing, washing, parking, storage. |  |  |  |  |  |  |
| Women's and children's (n.d.) ........................ | 154.6 | 164.0 91.0 | 175.1 | 159.4 | 172.6 | 186.7 | rental, and leasing (s.) | 153.6 | 163.6 | 173.4 | 148.6 | 155.1 | 160.1 |
| Men's and boys' (n.d.) ............................... | 87.4 | 91.9 | 96.9 | 87.8 | 92.8 | 99.0 | Gasoline and oil (n.d.)... | 114.8 | 129.5 | 165.3 | 131.8 | 136.7 | 136.6 |
| Standard clothing issued to military personnel (n.d) | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | Bridge, tunnel, ferry, and road tolls (s.) Insurance ${ }^{19}$ (s.)......................... | 4.0 38.0 | 4.2 36.8 | 4.5 37 | 3.6 33.6 | 3.7 34.2 | $\begin{array}{r}3.8 \\ 34.8 \\ \hline\end{array}$ |
| Cleaning, storage, and repair of clothing and shoes |  |  |  |  |  |  | Purchased local transportation | 12.3 | 12.4 | 13.0 | 12.2 | 12.5 | 12.8 |
| (s.) | 13.8 | 14.6 | 15.0 | 13.3 | 13.8 | 13.8 | Mass transit systems (s.). | 8.3 | 8.6 | 9.0 | 8.2 | 8.7 | 9.0 |
| Jewelry and watches (d.) | 44.3 | 48.5 | 51.4 | 47.8 | 53.7 | 58.5 | Taxicab (s.).. | 4.1 | 3.8 | 3.9 | 4.0 | 3.8 | 3.9 |
| 0ther ${ }^{3}$ (S.) . ................................................ | 24.4 | 27.0 | 30.7 | 23.5 | 25.6 | 28.1 | Purchased intercity transportation | 38.4 | 40.3 | 44.0 | 36.9 | 38.6 | 39.9 |
|  |  |  |  |  |  |  | Railway (s.)........................... | 0.7 | 0.7 | 0.8 | 0.7 | 0.7 | 0.8 |
| Personal care ..................................... | 79.9 | 84.4 | 90.4 | 77.6 | 80.3 | 84.1 | Bus (s.) | 1.9 | 2.0 | 2.2 | 1.8 | 1.8 | 1.9 |
| Toilet articles and preparations (n.d.) | 52.7 | 55.4 | 58.5 | 51.8 | 53.7 | 56.0 | Airtine (s.) | 30.8 | 32.3 | 35.8 | 29.5 | 31.1 | 32.6 |
| Barbershops, beauty parlors, and health clubs (s.) | 27.2 | 28.9 | 31.8 | 25.8 | 26.6 | 28.1 | Other ${ }^{\text {20 }}$ (s.) | 4.9 | 5.3 | 5.1 | 4.8 | 5.0 | 4.6 |
| Housing . | 859.7 | 909.0 | 958.8 | 808.7 | 831.6 | 850.1 | Recreation. | 489.1 | 527.9 | 574.2 | 506.3 | 559.6 | 614.9 |
| Owner-occupied nonfarm dwellings-space rent ${ }^{4}$ |  |  |  |  |  |  | Books and maps (d.) | 28.2 | 30.7 | 33.9 | 27.1 | 30.1 | 33.2 |
| (s.) C.................................... | 625.0 | 664.6 | 702.7 | 588.3 | 609.0 | 625.3 | Magazines, newspapers, and sheet music (n.d.) | 31.0 | 32.9 | 36.8 | 30.1 | 31.2 | 34.2 |
| Tenant-occupied nonfarm dwellings-rents (s.)..... | 194.0 | 201.3 | 209.3 | 182.9 | 184.3 | 185.1 | Nondurable toys and sport supplies (n.d.) ......... | 56.5 | 60.4 | 64.6 | 59.7 | 67.8 | 76.7 |
| Rental value of farm dwellings (s.).................... | 6.7 | 7.2 | 7.7 | 6.0 | 6.2 | 6.2 | Wheel goods, sports and photographic |  |  |  |  |  |  |
| 0there (s.). | 34.0 | 35.9 | 39.1 | 31.4 | 32.1 | 33.6 | equipment, boats, and pleasure aircraft (d.) .... | 46.2 | 50.3 | 58.3 | 47.0 | 52.2 | 61.2 |
| Household operation. | 642.9 | 676.5 | 727.4 | 640.6 | 676.6 | 716.0 | Video and audio goods, including musical instruments, and computer goods (d.) | 90.3 | 98.0 | 106.9 | 121.3 | 152.6 | 186.6 |
| Furniture, including mattresses and bedsprings <br> (d.) | 56.7 | 60.0 | 64.1 | 56.9 | 60.3 | 64.7 | Video and audio goods, including musical instruments (d.) | 61.6 | 66.6 | 72.7 | 67.4 | 78.2 | 91.8 |
| Kitchen and other household appliances ${ }^{7}$ (d.) | 32.1 | 34.1 | 36.3 | 32.6 | 35.5 | 38.2 | Computers, peripherals, and software* (d.). | 28.7 | 31.4 | 34.3 | 60.9 | 90.9 | 121.4 |
| China, glassware, Tableware, and utensils (d.).... | 29.1 | 31.4 | 33.8 | 28.8 | 31.8 | 34.7 | Radio and television repair (s.)... | 4.1 | 4.3 | 4.9 | 4.0 | 4.2 | 4.7 |
| Other durable house furnishings ${ }^{8}$ (d.)............... | 57.1 | 61.7 | 66.1 | 56.6 | 62.0 | 66.9 | Flowers, seeds, and potted plants (n.d.).... | 15.9 | 16.6 | 17.5 | 16.2 | 17.4 | 17.5 |
| Semidurable house furnishings ${ }^{\text {s }}$ (n.d.).............. | 34.5 | 36.8 | 39.3 | 36.0 | 38.9 | 42.7 | Admissions to specified spectator amusements... | 23.4 | 25.8 | 27.3 | 22.3 | 23.3 | 23.2 |
| Cleaning and polishing preparations, and miscellaneous household supplies and paper |  |  |  |  |  |  | Motion picture theaters (s.) <br> Legitimate theaters and opera, and | 6.9 | 7.6 | 8.1 | 6.6 | 6.9 | 6.8 |
| products (n.d) ....................................... | 53.5 | 56.6 | 60.0 | 52.1 | 54.2 | 54.9 | entertainments of nonprotit institutions |  |  |  |  |  |  |
| Stationery and writing supplies (n.d.) ..... | 21.3 | 22.6 | 24.2 | 19.8 | 21.3 | 23.1 | (except athletics) (s.) | 8.7 | 9.3 | 9.8 | 8.3 | 8.5 | 8.4 |
| Household utilities. | 186.2 | 189.5 | 207.6 | 187.0 | 189.6 | 193.7 | Spectator sports ${ }^{21}$ (s.). | 7.7 | 8.8 | 9.3 | 7.4 | 8.0 | 8.0 |
| Electricity (s.). | 96.3 | 96.4 | 101.2 | 99.8 | 100.6 | 103.9 | Clubs and traternal organizations ${ }^{22}$ (s.) | 14.9 | 15.9 | 16.8 | 14.2 | 14.7 | 15.0 |
| Gas (s.) | 32.5 | 33.2 | 40.2 | 31.4 | 31.9 | 32.8 | Commercial participant amusements ${ }^{23}$ (s.) | 57.3 | 63.2 | 69.2 | 54.9 | 58.9 | 62.2 |
| Water and other sanitary services (s.) | 44.2 | 46.2 | 48.3 | 41.7 | 42.7 | 43.6 | Pari-mutuel net receipts (s.)........................... | 4.3 | 4.5 | 4.7 | 4.1 | 4.2 | 4.3 |
| Fuel oil and coal (n.d.) ........... | 13.1 | 13.6 | 17.9 | 14.3 | 14.6 | 13.8 | Other ${ }^{24}$ (s.) ............................................... | 117.0 | 125.3 | 133.4 | 109.6 | 114.3 | 117.7 |
| Telephone and telegraph (s.) | 112.9 | 122.3 | 131.3 | 114.2 | 127.1 | 141.8 |  |  |  |  |  |  |  |
| Domestic service (s.) .................................... | 16.0 | 14.9 | 16.0 | 15.1 | 13.7 | 14.1 | Education and research.. | 140.2 | 149.5 | 159.9 | 130.7 | 134.4 | 137.7 |
| Other ${ }^{10}$ (s.) ............................................ | 43.7 | 46.6 | 48.7 | 41.6 | 42.8 | 43.1 | Higher education ${ }^{25}$ (s.) | 74.0 | 77.4 | 80.6 | 68.7 | 69.7 | 70.1 |
| Medical care. | 1,041.7 | 1,100.5 | 1,173.9 | 995.2 | 1,027.8 | 1,064.2 | Nursery, elementary, and secondary schools ${ }^{26}$ (s.). | 29.9 | 31.4 | 32.5 | 28.0 | 28.6 | 28.4 |
| Drug preparations and sundriesin (n.d.) | 122.1 | 139.2 | 155.5 | 117.7 | 129.4 | 139.9 | Other ${ }^{2}$ (s.)............................................................ | 36.3 | 40.7 | 46.8 | 34.0 | 36.0 | 39.1 |
| Ophthalmic products and orthopedic appliances <br> (d) | 20.6 | 21.5 | 21.9 | 19.9 | 20.6 | 20.4 | Religious and weffare activities ${ }^{24}$ (s.). | 163.9 | 173.0 | 190.3 | 155.3 | 157.4 | 164.8 |
|  | 220.5 | 231.2 | 245.6 | 213.0 | 218.5 | 228.2 |  |  |  |  |  |  |  |
| Dentists (s.) | 55.1 | 58.3 | 82.1 | 50.5 | 51.1 | 52.0 | Foreign travel and other, net.. | -15.1 | -16.0 | -15.9 | $-11.4$ | -11.6 | -7.7 |
| Other protessional services ${ }^{12}$ (s.) .................... | 132.1 | 138.4 | 146.4 | 124.1 | 128.0 | 131.9 | Foreign travel by U.S. residents ${ }^{29}$ (s.) )............... | 68.8 | 72.3 | 80.7 | 69.1 | 70.9 | 78.0 |
| Hospitals and nursing homes ${ }^{\text {¹....................... }}$ | 427.8 | 446.6 | 472.4 | 410.2 | 419.0 | 429.3 | Expenditures abroad by U.S. residents (n.d.)........ | 3.1 | 3.2 | 3.3 | 3.5 | 3.5 | 4.0 |
| Hospitals .......................... | 354.2 | 370.5 | 392.7 | 341.7 | 350.9 | 361.6 | Less: Expenditures in the United States by |  |  |  |  |  |  |
| Nonprofit (s.). | 233.0 | 245.9 | 259.4 | 222.4 | 230.2 | 236.0 | nonresidents ${ }^{30}$ (s.)................ | 85.4 | 89.6 | 97.9 | 82.4 | 84.1 | 87.8 |
| Proprietary (s.)................................. | 41.9 | 41.6 | 45.1 | 41.2 | 40.2 | 42.5 | Less: Personal remittances in kind to |  |  |  |  |  |  |
| Government (s.)................................ | 79.3 | 83.0 | 88.2 | 78.1 | 80.3 | 83.1 | nonresidents ( $\mathrm{n} . \mathrm{d}$ )................ | 1.6 | 1.9 | 2.0 | 1.6 | 1.9 | 1.9 |
| Nursing homes (s.)................................. Heatth insurance | 73.7 | 76.0 | 79.7 | 68.4 | 68.2 | 67.9 |  |  |  |  |  |  |  |
|  | 63.6 | 65.3 | 70.0 | 60.0 | 61.4 | 62.6 | Residual ..................................... |  |  |  | -15.2 | -40.9 | -75.0 |
|  | 53.9 | 57.2 | 61.3 | 47.9 | 49.0 | 50.0 |  |  |  |  |  |  |  |
| Income loss ${ }^{15}$ (s.) Workers' compensation ${ }^{16}$ (s............................................. | 1.4 | 1.5 | 1.7 | 0.9 | 11.9 | 1.0 |  |  |  |  |  |  |  |
| Workers' compensation ${ }^{16}$ (s.) ...................... | 8.3 | 6.6 | 7.0 | 11.4 | 11.6 | 11.9 |  |  |  |  |  |  |  |

 hotels, dining and buffet cars, schools, school frate
and beverages consumed both on- and off-premise.
2. Includes luggage.

Consists of watch, clock, and jewelry repairs, costume and dress suit rental, and miscellaneous personal services. 4. Consists of rent for space and for heating and plambing facilities, water heaters, tighting fixtures, kitchen cabinets,
linoleum, storm windows and doors, window screens, and screen doors, but excludes rent for appllances and furniture and purchases of fuel and electricity.
5. Consists of space rent (see footnote 4) and rent for appliances, furnishings, and furniture.
6. Consists of transient hotels, motels, clubs, schools, and other group housing.
7. Consists of refrigerators and freezers, cooking ranges, dishwashers, laundry equipment, stoves, room air condi8 includes such house furnishings as floor coverings comfort
列ucts, portable lamps, and clocks. Also includes writing equiners, quilts, blankets, pillows, picture frames, mirrors, art 9. Consists lergly of textile house furnishings, including puipment and hand, power, and garden tools.
lamp shades, brooms, and brushes.
phas, bros an and express charges. premiums for fire tond theftinces insurance on personal property less benefits and dividends, and mistella 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 other providing heath and allied services, not elsewhere classified.
t3. Consists of (1) current expenditures (including consumption of fixed capital) of nonprofit hospitals and nursing homes, and (2) payments by patients to proprieary and government hospitals and nursing homes.
berment insurance provided by commercial insurance carriers, and (2) administrative expenses fincluding consumption of fixed capital) of nonprofit and seff-insured health plans.
15. Consists of premiums, less benefits and dividends, for income loss insurance
16. Consists of premiums, less benefits and dividends, fo prively
16. Consists of premiums, less benefits and dividends. for 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 life 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.
ons, employment agency fees, money order fees, spending for classified advertisements, tax return prefessional associon services, and other personal business services.
19. Consists of premiums, less benefits and dividends, for motor vehicie insurance.
20. Consists of baggage charges, coastal and inland waterway fares, travel agents' tees, and airport bus tares
21. Consists of admissions to professional and amateur athletic events and to racetracks.
22. Consists of dues and tees excluding insurance premiums.
23. Consists of billiard parlors; bowling alleys; dancing, riding, shooting, skating, and swimming places; amusement devices and parks; golf courses; sightseeing buses and guldes; private flying operations; casino gambling; and other
commercial participant amusements. 24. Consists of net receipts of lotteries and expenditures for purchases of pets and pet care services, cable TV, film
processing, photographic studios, sporting and recreation camps, video cassette rentals, and recreational services, not processing, photographic studios, sporting and recreation camps, video cassette rentals, and recreational services, not elsewhere classified.
25. For private institutions, equals current expenditures (including consumption of fixed capital) less receipts-such as
those from meals, rooms, and entertainments-accounted for separately in consumer expenditures, and less expenditures those from meals, rooms, and entertainments-accounted tor separately in consumer expenditures, and less expenditures For government institutions, equals student payments of tuition.
26. For private institutions, equats current expenditures (including consumption of fixed capital) less receipts-such as those from meals, rooms, and entertainments-accounted tor separately in consumer expenditures. For government institutions, equals student payments of tuition. Excludes child day care services, which are included in religious and welfare activities.
27. Con
not elsewhere classified pand to commercial, business, rade, and correspondence schools and for educational services.
and foundations for education and research.
28. For nonprofit institutions, equals current expenditures (including consumption of fixed capital) of religious, social welfare, foreign relief, and political organizations, museums, litraries, and foundations. The expenditures are net of
receipts-such as those from meals, rooms, and entertainments-accounted for separately in consumer expenditures, and recelpis-such as hose from meals, rooms, and entertainments-accounted for separately in consumer expendiores, and
etary and government institutions, equals receipts from users.
29. 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; student 30. Beginning with 1981 , includes nonresidents' student and medical care exp
expenditures were $\$ 2.2$ billion and medical expenditures were $\$ 0.4$ billion in 1981 .
*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.

Nore. - Consumer durable goods are designated (d.), nondurable goods (n.d.), and services (s.)
Walue of the correspondin 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 diference 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 |  |  | $\begin{aligned} & \text { Billions of chained (1996) } \\ & \text { dollars } \end{aligned}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1998 | 1999 | 2000 | 1998 | 1999 | 2000 |
| Private fixed investment in structures... | 638.5 | 678.2 | 729.2 | 599.0 | 616.0 | 634.5 |
| Nonresidential . | 282.4 | 283.5 | 313.6 | 262.2 | 256.9 | 272.8 |
| New.. | 281.7 | 282.9 | 312.8 | 261.5 | 256.2 | 272.0 |
| Nonresidential buildings, excluding farm. Industrial. | $\begin{array}{r}197.2 \\ 35.6 \\ \hline\end{array}$ | $\begin{array}{r} 201.9 \\ 28.7 \end{array}$ | $\begin{array}{r} 221.8 \\ 30.2 \end{array}$ | $\begin{array}{r} 184.3 \\ 33.3 \end{array}$ | $\begin{array}{r} 181.0 \\ 25.8 \end{array}$ | $\begin{array}{r} 190.4 \\ 26.0 \end{array}$ |
| Commercial .................................... | 100.7 | 110.1 | 123.9 | 94.1 | 98.7 | 106.4 |
| Office buildings ${ }^{1}$. | 49.1 | 55.4 | 64.8 | 45.9 | 49.6 | 55.6 |
| Other ${ }^{2}$............... | 51.6 | 54.7 | 59.1 | 48.2 | 49.1 | 50.8 |
| Religious. | 6.4 | 7.2 | 7.9 | 6.0 | 6.4 | 6.7 |
| Educational.............. | 10.9 | 10.4 | 12.4 | 10.2 | 9.3 | 10.7 |
| Hospital and institutional. | 15.4 | 15.1 | 16.2 | 14.4 | 13.5 | 13.9 |
| Other ${ }^{3}$................................ | 28.2 | 30.4 | 31.2 | 26.3 | 27.2 | 26.8 |
| Utilities..... | 44.2 | 47.2 | 51.7 | 42.7 | 45.7 | 48.5 |
| Railroads. | 5.7 | 4.7 | 4.2 | 5.5 | 4.7 | 4.2 |
| Telecommunications ....................... | 12.3 | 18.3 | 18.8 | 12.1 | 18.1 | 18.4 |
| Electric light and power.................... | 12.5 | 14.7 | 21.3 | 12.0 | 14.0 | 19.5 |
| Gas................................. | 12.4 | 8.1 | 6.4 | 11.9 | 7.6 | 5.7 |
| Petroleum pipelines.......................... | 1.3 | 1.5 | 1.0 | 1.2 | 1.4 | 0.9 |
| Farm | 4.3 | 5.0 | 5.2 | 4.0 | 4.5 | 4.4 |
| Mining exploration, shafts, and wells... | 30.2 | 22.6 | 27.6 | 25.1 | 20.0 | 23.5 |
| Petroleum and natural gas ............. | 28.9 | 21.4 | 25.9 | 23.9 | 18.9 | 22.0 |
|  | 1.3 5.9 | 6.2 | 1.6 6.6 | 1.2 5.6 | 1.1 5.7 | 1.4 5.9 |
| Brokers' commissions on sale of structures. | 2.3 | 2.4 | 2.6 | 2.2 | 2.2 | 2.4 |
| Net purchases of used structures ..... | -1.7 | -1.8 | -1.9 | -1.6 | -1.6 | -1.6 |
| Residential. | 356.1 | 394.7 | 415.6 | 336.8 | 359.3 | 361.8 |
| New........... | 310.4 | 344.4 | 363.4 | 292.4 | 311.6 | 314.6 |
| New housing units.. | 224.9 | 250.1 | 259.6 | 211.6 | 225.6 | 223.8 |
| Permanent site. | 210.4 | 236.1 | 248.8 | 197.5 | 212.2 | 213.4 |
| Single-family structures ...... | 185.8 | 208.6 | 220.7 | 175.9 | 188.9 | 190.9 |
| Muitifamily structures ....... | 24.6 | 27.4 | 28.1 | 21.7 | 23.4 | 22.7 |
| Manutactured homes. | 14.5 | 14.1 | 10.9 | 14.1 | 13.3 | 10.1 |
| Improvements ................. | 84.5 | 93.0 | 102.4 | 79.9 | 84.9 | 89.6 |
| Other ${ }^{5}$......................................... | 1.0 | 1.3 | 1.4 | 0.9 | 1.2 | 1.2 |
| Brokers' commissions on sale of structures Net purchases of used structures | $\begin{aligned} & 48.8 \\ & -3.0 \end{aligned}$ | $\begin{gathered} 53.7 \\ -3.4 \end{gathered}$ | 55.4 -3.2 | 47.4 -2.9 | 50.9 -3.1 | ${ }_{-2.8}^{50.1}$ |
| Residual.......... | ... |  | .... | -0.3 | -1.0 | -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 recreationai 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.
.
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 are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

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

|  | Billions of dollars |  |  | Billions of chained (1996) dollars |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1998 | 1999 | 2000 | 1998 | 1999 | 2000 |
| Private fixed investment in equipment and software $\qquad$ | 827.1 | 899.9 | 988.9 | 883.7 | 987.3 | 1,096.9 |
| Nonresidential equipment and software ......... | 818.9 | 891.1 | 979.5 | 875.4 | 978.3 | 1,087.4 |
| Information processing equipment and |  |  |  |  |  |  |
| software | 363.4 | 399.7 | 466.5 | 429.3 | 506.2 | 609.5 |
| Computers and peripheral equipment ${ }^{\text {² }}$........ | 84.2 | 90.8 | 109.3 | 147.7 | 208.6 | 290.3 |
| Software ${ }^{2}$............................................ | 140.1 | 159.8 | 183.1 | 147.1 | 167.3 | 187.6 |
| Communication equipment ....................... | 81.2 | 93.4 | 116.8 | 85.6 | 102.1 | 131.4 |
| Instruments........................................ | 36.3 | 37.7 | 38.8 | 36.1 | 37.5 | 38.3 |
| Photocopy and related equipment .............. | 13.7 | 10.8 | 11.0 | 13.9 | 10.9 | 11.1 |
| Office and accounting equipment ............... | 8.0 | 7.2 | 7.4 | 8.0 | 7.3 | 7.5 |
| Industrial equipment. | 147.6 | 149.3 | 166.7 | 145.6 | 146.4 | 162.6 |
| Fabricated metal products ....................... | 12.7 | 12.9 | 13.0 | 12.7 | 13.0 | 13.1 |
| Engines and turbines............................. | 4.7 | 5.4 | 8.1 | 4.6 | 5.1 | 7.6 |
| Metalworking machinery ......................... | 34.9 | 34.5 | 35.8 | 34.5 | 33.9 | 35.0 |
| Special industry machinery, n.e.c. General industrial, including materials | 37.1 | 38.2 | 48.7 | 36.4 | 37.0 | 47.1 |
| handling, equipment ......................... | 34.7 | 33.7 | 36.0 | 34.0 | 32.8 | 34.7 |
| Electrical transmission, distribution, and industrial apparatus. | 23.5 | 24.7 | 25.2 | 23.4 | 24.6 | 24.9 |
| Transportation equipment. | 168.2 | 199.1 | 195.9 | 168.2 | 197.6 | 192.7 |
| Trucks, buses, and truck trailers............... | 98.1 | 116.6 | 114.2 | 100.0 | 116.7 | 113.2 |
| Autos.. | 40.5 | 43.4 | 41.0 | 39.2 | 42.9 | 41.3 |
| Aircraft. | 20.0 | 28.9 | 30.1 | 19.7 | 28.1 | 28.0 |
| Ships and boats ................................... | 2.6 | 2.8 | 3.7 | 2.5 | 2.6 | 3.4 |
| Rairoad equipment ............................... | 7.0 | 7.5 | 7.0 | 7.1 | 7.6 | 7.0 |
| Other equipment ...................................... | 143.7 | 146.2 | 154.3 | 141.1 | 142.4 | 149.3 |
| Furniture and fixtures.............................. | 35.9 | 38.3 | 42.1 | 35.1 | 37.3 | 40.6 |
| Tractors................... | 14.9 | 13.1 | 14.2 | 14.7 | 12.8 | 13.8 |
| Agricultural machinery, except tractors...... | 12.8 | 10.0 | 11.4 | 12.5 | 9.7 | 10.9 |
| Construction machinery, except tractors..... | 20.9 | 22.0 | 19.2 | 20.2 | 20.8 | 18.0 |
| Mining and oilfield machinery.................. | 4.7 | 5.8 | 7.9 | 4.5 | 5.5 | 7.4 |
| Service industry machinery ..................... | 15.4 | 16.2 | 16.2 | 15.0 | 15.6 | 15.5 |
| Electrical equipment, n.e.c. ...................... | 14.1 | 14.4 | 15.2 | 14.5 | 14.9 | 16.0 |
| Other................................................. | 24.9 | 26.3 | 28.2 | 24.5 | 25.7 | 27.3 |
| Less: Sale of equipment scrap, excluding autos $\qquad$ | 3.9 | 3.3 | 4.0 | 4.5 | 4.2 | 4.5 |
| Residential equipment. | 8.2 | 8.8 | 9.4 | 8.3 | 9.0 | 9.6 |
| Residual |  | ..... | $\ldots$ | -13.6 | -37.8 | -79.2 |
| Addenda: |  |  |  |  |  |  |
| Private fixed investment in equipment and software $\qquad$ | 827.1 | 899.9 | 988.9 |  |  |  |
| Less: Dealers' margin on used equipment....... | 8.2 | 8.5 | 9.3 | $\ldots$ |  |  |
| Net purchases of used equipment from government | 1.2 | 1.0 | 1.0 |  |  |  |
| Plus: Net sales of used equipment ..................... | 39.4 | 41.1 | 42.8 |  |  | . |
| Net exports of used equipment ............. | 0.5 | 0.4 | 0.5 | $\ldots$ | $\ldots$ | . |
| Sale of equipment scrap ..................... | 4.0 | 3.4 | 4.1 | .... | ..... | $\cdot$ |
| Equals: Private fixed investment in new equipment and software. | 861.7 | 935.4 | 1,025.9 | ..... | $\ldots$ | ..... |

1. Includes new computers and peripheral equipment only. Because of rapid changes in relative prices, the hained-dollar estimates for computers are especialiy 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-dollar value of the corresponding series, divided by 100 . Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.
n.e.c. Not elsewhere classified

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

|  | Compensation |  |  | Wage and salary accruals |  |  |  | Compensation |  |  | Wage and salary accruals |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1998 | 1999 | 2000 | 1998 | 1999 | 2000 |  | 1998 | 1999 | 2000 | 1998 | 1999 | 2000 |
| Total. | 4,989,641 | 5,310,732 | 5,715,222 | 4,192,105 | 4,477,368 | (4,837,192 | Communications | 89,306 | 103,592 | 114,048 | $74,901$ | 87,653 | $96,682$ |
| Domestic industries.. | 4,994,637 | 5,315,840 |  |  |  |  | Telephone and telegraph Radio and television | $\begin{aligned} & 67,147 \\ & 22,159 \end{aligned}$ | $\begin{array}{r} 78,628 \\ 24,964 \end{array}$ | $\begin{aligned} & 86,831 \\ & 27,217 \end{aligned}$ | $\begin{aligned} & 56,012 \\ & 18,889 \end{aligned}$ | $\begin{aligned} & 66,288 \\ & 21,365 \end{aligned}$ | $\begin{aligned} & 73,359 \\ & 23,323 \end{aligned}$ |
|  | 4,994,637 | 0,315,840 | 5,720,399 | 4,197,101 | 4,482,476 | 4,842, | Electric, gas, and sanitary |  | 24,964 | 27,217 |  | 21,365 |  |
| Private industries | 4,079,585 | 4,361,701 | 4,711,427 | 3,504,384 | 3,758,205 | 4,073,930 | services ...................... | 55,666 | 58,554 | 62,326 | 46,559 | 49,210 | 52,547 |
| Agriculture, forestry, and fishing ... | 46,375 | 49,788 | 51,610 | 40,816 | $\begin{array}{r}43,649 \\ \hline 16.478\end{array}$ | 45,488 | Wholesale trade . | 335,828 | 359,562 | 385,575 | 288,747 | 309,351 | 332,685 |
| Farms $\qquad$ Agricultural services, forestry, and | 18,648 | 19,341 | 19,539 | 16,193 | 16,478 | 16,782 | Retail trade. | 448,698 | 478,448 | 510,440 | 392,550 | 420,555 | 449,628 |
| fisting................................ | 27,727 | 30,447 | 32,071 | 24,623 | 27,171 | 28,706 |  |  |  |  |  |  |  |
| Mining ............................... | 35,779 | 34,287 | 36,427 | 30,532 | 29,292 | 31,215 | Finance, insurance, and real estate | 427,064 | 458,737 | 498,251 | 368,061 | 396,320 | 432,275 |
| Metal mining........................... | 2,963 | 2,907 | 2,583 | 2,478 | 2,439 | 2,154 | Depository institutions ............. | 94,748 | 98,455 | 99,805 | 80,039 | 83,345 | 84,567 |
| Coal mining... | 5,510 | -5,176 | 4,853 | 4,642 | -4,367 | 4,086 | Nondepository institutions ........ | 38,489 | 40,693 | 41,464 | 32,861 | 34,767 | 35,511 |
| Oil and gas extraction............... | 22,041 | 20,766 | 23,437 | 18,918 | 17,828 4 | 20,214 | Security and commodity brokers | 93,919 | $107,255$ | 131,202 | 83,772 | 95,794 | 117,566 |
| Nonmetallic minerals, except fuels | 5,265 | 5,438 | 5,554 | 4,494 | 4,658 | 4,761 | insurance carriers | 86,513 | 91,244 | 94,392 | 73,491 | 77,640 | 80,512 |
| Construction | 246,190 | 272,859 | 298,156 | 210,354 | 233,754 | 256,824 | service.. | 36,703 | 38,702 | 41,041 | 31,909 | 33,703 | 35,823 |
|  |  |  |  |  |  |  | Real estate | 53,850 | 57,611 | 61,865 | 46,464 | 49,806 | 53,667 |
| Manufacturing. | 896,419 | 926,346 | 979,364 | 755,463 | 782,661 | 830,127 | Holding and other investment |  |  |  |  |  |  |
| Durable goods | 562,754 | 586,03t | 625,200 | 472,686 | 493,489 | 528,192 | offices ............................... | 22,842 | 24,777 | 28,482 | 19,525 | 21,265 | 24,629 |
| Lumber and wood products... | 27,167 17734 | 28,684 18,751 | 29,114 19,679 | 23,087 15,066 | 24,455 15,983 | 24,825 16,797 |  |  |  |  |  |  |  |
| Stone, clay, and glass | 仿 | 18,751 | 19,679 | 15,066 | 15,983 | 16,97 | Services.......................... Hotels and other lodging places | 1,321,361 42,801 | $1,431,839$ 46,302 | 1,577,318 | $1,151,341$ <br> 37,180 <br> 84 | $1,250,630$ 40,334 | 1,382,391 |
| products. | 24.589 | 25,805 | 27,587 | 20,603 | 21,702 | 23,272 | Personal services. | 26,861 | 28,433 | 30,063 | 23,868 | 25,314 | 26,813 |
| Primary metal industries. | 36,802 | 37,238 | 38,039 | 30,400 | 30,849 | 31,558 | Business services... | 301,202 | 351,894 | 412,399 | 264,150 | 309,539 | 364,013 |
| Fabricated metal products...... | 64,630 | 66,579 | 69,261 | 54,195 | 56,007 | 58,364 | Auto repair, services, and |  |  |  |  |  |  |
| Industrial machinery and equipment | 117.081 | 121,437 | 132,421 | 100,563 | 104.448 | 114,214 | parking.... | 34,235 13,264 | $\begin{aligned} & 36,982 \\ & 13531 \end{aligned}$ | 39,863 13,967 | 30,181 11,616 | 32,596 <br> 11,886 | 35,215 $\mathbf{1 2 , 2 8 8}$ |
| Electronic and other electric |  |  |  |  |  |  | Motion pictures. | 21,776 | 22,496 | 23,892 | 19,152 | 19,779 | 21,060 |
| equipment... | 91,371 | 97,908 | 114,128 | 77,279 | 82,960 | 97,395 | Amusement and recreation |  |  |  |  |  |  |
| Motor vehicles and equipment | 65,120 | 68,747 | 70,240 | 51,558 | 54,739 | 56,059 | services....... | 43,513 | 47,211 | 51,309 | 37,871 | 41,265 | 44,974 |
| Other transportation |  |  |  |  |  |  | Health services | 393,083 | 408,364 | 429,364 | 335,777 | 349,579 | 368,695 |
| equipment..... | 51,999 | 51,930 | 51 | 43, | 43,3 | 42,970 | Legal services | 67,834 | 72,151 | 79,036 72 | 59,690 | 63,581 | 69,828 63,174 |
| Instruments and related products | 51,454 | 53,497 | 57,158 | 44,170 | 45,985 | 49,196 | Social services and membership | 62,390 | 66,820 | 72,549 | 53,986 | 57,990 | 63,174 |
| Miscellaneous manufacturing |  |  |  |  |  |  | organizations | 106,341 | 114,661 | 125,465 | 94,288 | 101,954 | 111,882 |
| industries ... | 14,807 | 15,455 | 16,078 | 12,390 | 12,988 | 13,542 | Social services | 55,337 | 59,254 | 64,859 | 47,763 | 51,347 | 56,424 |
| Nondurable goods. | 333,665 | 340,315 | 354,164 | 282.777 | 289,172 | 301,935 | Membership organ | 51,004 | 55,407 | 60,606 | 46,525 | 50,607 | 55.458 |
| Food and kindred products | 64,862 | 66,427 | 69,907 | 55,078 | 56.587 | 59,790 | Other services ${ }^{2} . . . . . . . . . . . . . . . . . . . . . . ~$ | 194,081 | 210,280 | 236,375 | 169,942 | 184,423 | 207,984 |
| Tobacco products.... | 2,787 | 2,755 | 2,928 | 2,188 | 2,168 | 2,324 | Private households. | 13,980 | 12,714 | 13,571 | 13,640 | 12,390 | 13,234 |
| Textile mill products....... | 18,796 | 18,255 | 18,020 | 16,148 | 15,705 | 15,515 |  |  |  |  |  |  |  |
| Apparel and other textile |  |  |  |  |  |  | Government | 915,052 | 954,139 | 1,008,972 | 692,717 | 724,271 | 768,439 |
| products .................. | 19,288 | 18,449 | 17,706 | 16,462 | 15,749 | 15,102 | Federal.................... | 270,161 | 277,790 | 293,671 | 179,496 | 184.409 | 195,572 |
| Paper and allied products ..... | 33,777 | 34,486 | 34,956 | 28,985 | 29,679 | 30.144 | General government. | 215,262 | 221,797 | 233,438 | 142,513 | 146,668 | 154,814 |
| Printing and publishing.... | 67,514 | 69,705 | 73,078 | 58,080 | 60,182 | 63,287 | Civilian... | 129,828 | 134,869 | 142,648 | 87,614 | 90,624 | 96,646 |
| Chemicals and allied products | 74,124 | 77,226 | 83,376 | 61,659 | 64,401 | 69,945 | Military ${ }^{3}$. | 85,434 | 86,928 | 90,790 | 54,899 | 56,044 | 58,168 |
| Petroleum and coal products. | 10,254 | 10,035 | 9,759 | 8,475 | 8,286 | 8,064 | Government enterprise | 54,899 | 55,993 | 60,233 | 36,983 | 37,741 | 40,758 |
| Rubber and miscellaneous |  |  |  |  |  |  | State and local... | 644,891 | 676,349 | 715,301 | 513,221 | 539,862 | 572,867 |
| plastics products. | 39,718 | 40,501 | 41,988 | 33,523 | 34,290 | 35,661 | General government. | 604.420 | 634,016 | 670,666 | 480.474 | 505.516 | 536,529 |
| Leather and leather products. | 2.545 | 2,476 | 2,446 | 2,179 | 2,125 | 2,103 | Education | 323,707 | 340,484 | 361,349 | 255,411 | 269,490 | 286,883 |
|  |  |  |  |  |  |  | Other... | 280,713 | 293,532 | 309,317 | 225,063 | 236,026 | 249,646 |
| Transportation and public utilities. | 321,871 | 349,835 | 374,286 | 266,520 | 291,993 | 313,297 | Government enterprises | 40,471 | 42,333 | 44,635 | 32,747 | 34,346 | 36,338 |
| Transportation .......................... | 176,899 | 187,689 | 197,912 | 145,060 | 155,130 | 164,068 |  |  |  |  |  |  |  |
| Railroad transportation............. | 16,946 | 17,118 | 16,714 | 12,602 | 12,790 | 12,427 | Rest of the world ........................ | -4,996 | -5,108 | -5,177 | -4,996 | -5,108 | -5,177 |
| Local and interurban passenger transit | 11,245 | 11.938 | 12717 | 9.541 | 10.180 |  | Receipts from the rest of the world.... Less: Payments to the rest of the | 1,934 | 2,210 | 2,341 | 1,934 | 2,210 | 2,341 |
| Trucking and warehousing ${ }^{1}$ | 66,363 | 70,608 | 74,050 | 54,694 | 58,632 | 61,654 | world ${ }^{4}$......... | 6,930 | 7,318 | 7,518 | 6,930 | 7,318 | 7,518 |
| Water transportation. | 8.785 | 9,066 | 9,642 | 7,311 | 7,587 | 8.095 |  |  |  |  |  |  |  |
| Transportation by air | 55,055 | 59,506 | 63,680 | 45,129 | 49,284 | 52,900 | Addenda: |  |  |  |  |  |  |
| Pipelines, except natural gas ..... | 993 | 996 | 1,014 | 844 | 847 -15810 | 864 | Households and institutions...... | 383,786 | 403,324 | 431,959 |  |  |  |
| Transportation services ...... | 17,512 | 18,457 | 20,095 | 14,939 | 15,810 | 17,260. | Nonfarm business ... | 3,772,521 | 4,037,362 | 4,364,797 |  |  |  |
| 1. Reflects the reclassification of air couriers from trucking and warehousing to transportation by air. <br> 4. Includes estimates of foreign professional workers and undocumented Mexican migratory workers |  |  |  |  |  |  |  |  |  |  |  |  |  |
| services, not elsewhere classified. <br> 3. includes Coast Guard. |  |  |  |  |  |  | Note.-Estimates in this table are bas | ed on the 198 | 987 Standa | Industrial | Classification | (SIC). |  |

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

|  | Full-time and part-time employees |  |  | Persons engaged in production |  |  |  | Full-time and part-time employees |  |  | Persons engaged in production ${ }^{1}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1998 | 1999 | 2000 | 1998 | 1999 | 2000 |  | 1998 | 1999 | 2000 | 1998 | 1999 | 2000 |
| Total. | 133,456 | 136,368 | 139,350 | 129,742 | 132,204 | 134,917 | Water transportation. | 185 | 188 | 194 | 185 | 185 | 191 |
|  |  |  |  |  |  |  | Transportation by air ${ }^{2}$ | 1,199 | 1,245 | 1,296 | 1,123 | 1,163 | 1,215 |
| Domestic industries............................ | 133,968 | 136,872 | 139,861 | 130,181 | 132,636 | 135,355 | Pipelines, except natural gas ............. | 13 | 13 | 13 | 13 | 13 | 13 |
| Private industries | 111,706 | 114,333 | 116,865 | 111,577 | 113,897 | 116,253 | Transportation services .............................................. Communications........ | $\begin{array}{r}471 \\ 1,477 \\ \hline\end{array}$ | 476 1,553 | 488 1,668 | 465 1,365 | 474 1,423 | 476 $\mathbf{1}, 524$ |
|  | 11,700 | 114,333 | 116,865 | 11,577 | 113,897 | 16,253 | Telephone and telegraph........................ | 1,046 | 1,107 | 1,197 | , 960 | 1.011 | 1,089 |
| Agriculture, forestry, and fishing ........ | 2,188 | 2,294 | 2,321 | 3,345 | 3,389 | 3,338 | Radio and television ............................. | 431 | 446 | 471 | 405 | 412 | 435 |
| Farms | 880 | 923 | 890 | 1,705 | 1,693 | 1,635 | Electric, gas, and sanitary services ........ | 861 | 863 | 857 | 853 | 860 | 851 |
| Agricultural services, forestry, and fishing $\qquad$ | 1,308 | 1,371 | 1,431 | 1,640 | 1,696 | 1,703 | Wholesale trade. | 6,918 | 6,995 | 7,113 | 6,923 | 7,018 | 7,107 |
| Mining.................................... | 594 | 540 | 541 | 602 | 545 | 546 | Retail trade | 22,997 | 23,542 | 24,060 | 20,407 | 20,954 | 21,432 |
| Metal mining ................................... | 49 | 44 | 40 | 49 | 45 | 427 |  |  |  |  |  |  |  |
| Coal mining. | 93 | 87 | 79 | 93 | 86 | 77. | Finance, insurance, and real estate ...... | 7,533 | 7,713 | 7,758 | 7,631 | 7,817 | 7,855 |
| Oil and gas extraction ..................... | 340 | 296 | 308 | 349 | 304 | 315 | Depository institutions ........................ | 2,046 | 2,049 | 2,038 | 1,933 | 1,928 | 1,906 |
| Nonmetallic minerals, except fuels ...... | 112 | 113 | 114 | 111 | 110 | 112 | Nondepository institutions ................... | 662 | 708 | 686 | 643 | 690 | 667 |
|  |  |  |  |  |  |  | Security and commodity brokers ........... | 687 | 728 | 797 | 732 | 797 | 873 |
| Construction.............................. | 6,296 | 6,704 | 7,007 | 7,602 | 8,023 | 8,368 | insurance carriers .......................... | 1,574 | 1,608 | 1,588 | 1,501 881 | 1,526 873 | 1,500 895 |
| Manutacturing | 18,923 | 18,669 | 18,571 | 18,933 | 18,659 | 18,51t | insurance agents, brokers, and service... | 1588 1,532 | 1,795 1,567 | 802 1,583 | 1,704 | 1,759 | 1895 $+1,766$ |
| Durable goods | 11,270 | 11,177 | 11,185 | 11,349 | 11,222 | 11,220 | Holding and other investment offices...... | 250 | 258 | - 264 | , 237 | 244 | '248 |
| Lumber and wood products.. | 840 | 857 | 849 | 896 | 915 | 899 |  |  |  |  |  |  |  |
| Furniture and fixtures................... | 534 | 550 | 559 | 543 | 562 | 570 | Services. | 39,584 | 40,978 | 42,380 | 39,479 | 40,640 | 42,080 |
| Stone, clay, and glass products ...... | 566 | 572 | 583 | 569 | 573 | 581 | Hotels and other lodging places ............ | 1,869 | 1,934 | 1,979 | 1.697 | 1,758 | 1,816 |
| Primary metal industries.............. | 715 | 698 | 700 | 711 | 697 | 696 | Personal services. | 1,339 | 1,363 | 1,387 | 1,803 | 1,831 | 1,879 |
| Fabricated metal products............. | 1.517 | 1,529 | 1,544 | 1,514 | 1,517 | 1,537 | Business services... | 8,779 | 9,437 | 10.074 | 8,987 | 9,566 | 10,222 |
| Industrial machinery and equipment | 2,211 | 2,142 | 2,122 | 2,211 | 2,136 | 2,109 | Auto repair, services, and parking | 1,273 | 1,326 | 1,368 | 1,520 | 1,557 | 1,591 |
| Electronic and other electric |  |  |  |  |  |  | Miscellaneous repair services........ | 395 | 391 | 382 | 591 | 553 | 539 |
| equipment...................... | 1,710 | 1,670 | 1,719 | 1,700 | 1,656 | 1,705 | Motion pictures ............................. | 592 | 612 | 609 | 644 | 659 | 652 |
| Motor vehicles and equipment....... | 997 | 1.023 | 1,021 | 995 | 1,018 | 1.019 | Amusement and recreation services....... | 1,728 | 1,783 | 1,858 | 1,496 | 1,547 | 1.637 |
| Other transportation equipment..... | 900 | 874 | 836 | 903 | 872 | 834 | Health services ... | 10,222 | 10,356 | 10,485 | 9,526 | 9,644 | 9,772 |
| Instruments and related products | 873 | 854 | 845 | 865 | 841 | 838 | Legal services................................. | 1,114 | 1,142 | 1,164 | 1,225 | 1,219 | 1,223 |
| Miscellaneous manufacturing industries. | 407 | 408 | 407 | 442 | 435 | 432 | Educational services......................... Social services and membership | 2,271 | 2,355 | 2,447 | 2,100 | 2,169 | 2,269 |
| Nondurable goods. | 7,653 | 7,492 | 7,386 | 7,584 | 7,437 | 7,297 | organizations....................... | 5.195 | 5,388 | 5,583 | 5,025 | 5,189 | 5,356 |
| Food and kindred products. | 1.695 | 1,696 | 1,699 | 1,673 | 1,679 | 1,674 | Social services.............................. | 2,751 | 2,859 | 2,992 | 2,993 | 3,086 | 3,201 |
| Tobacco products... | 40 | 37 | 35 | 39. | 36 | 34 | Membership organizations | 2,444 | 2.529 | 2,591 | 2,032 | 2,103 | 2,155 |
| Textile mill products. | 597 | 560 | 533 | 598. | 556 | 535 | Other services ${ }^{3}$. | 3,527 | 3,640 | 3,836 | 3,983 | 4,086 | 4,291 |
| Apparel and other textile products. | 769 | 697 | 641 | 774 | 708 | 617 | Private households... | 1,280 | 1,251 | 1,208 | 882 | 862 | 833 |
| Paper and allied products ............. | 679 | 669 | 656 | 672 | 664 | 650 |  |  |  |  |  |  |  |
| Printing and publishing................ | 1,593 | 1,575 | 1.569 | 1,577 | 1,556 | 1,544 | Government ................................. | 22,262 | 22,539 | 22,996 | 18,604 | 18,739 | 19,102 |
| Chemicals and allied products. | 1,040 | 1,037 | 1,039 | 1,026 | 1,026 | 1,030 | Federal | 5,194 | 5,139 | 5,235 | 4,207 | 4,164 | 4,262 |
| Petroleum and coal products... | 135 | 131 | 126 | 134 | 131 | 125 | General government | 4,200 | 4,147 | 4,260 | 3,416 | 3,370 | 3,478 |
| Rubber and miscellaneous plastics |  |  |  |  |  |  | Civilian | 1,878 | 1,856 | 1,976 | 1,845 | 1.821 | 1,931 |
| products................................ | 1,018 | 1,011 | 1,016 | 1,006 | 1,001 | 1.006 | Military ${ }^{4}$. | 2,322 | 2,291 | 2,284 | 1,571 | 1,549 | 1,547 |
| Leather and leather products. | 87 | 79 | 72 | 85 | 80 | 76 | Government enterprises. | 994 | 992 | 975 | 791 | 794 | 784 |
|  |  |  |  |  |  |  | State and local. | 17,068 | 17,400 | 17,761 | 14,397 | 14,575 | 14,840 |
| Transportation and public utisities ...... | 6,679 | 6,898 | 7,114 | 6,655 | 6,852 | 7,016 | General government. | 16,227 | 16,546 | 16,891 | 13,528 | 13,699 | 13,953 |
| Transportation................................. | 4,341 | 4,482 | 4,589 | 4,437 | 4,569 | 4,641 | Education. | 8.928 | 9,148 | 9,382 | 7,226 | 7,359 | 7,556 |
| Railroad transportation................... | 223 | 223 | 213 | 211 | 211 | 202 | Other.. | 7,299 | 7.398 | 7,509 | 6,302 | 6,340 | 6,397 |
| Local and interurban passenger transit | 仡 | 489 |  | 486 | 503 | 3 | Government enterprises ..................... | 841 | 854 | 870 | 869 | 876 | 887 |
| Trucking and warehousing ${ }^{2}$................. | 1,777 | 1,848 | 1,885 | 1,954 | 2,020 | 2,041 | Rest of the worids. | -512 | -504 | -511 | -439 | -432 | -438 |

[^48][^49]Table B.9.-Wage and Salary Accruals Per Full-Time Equivalent Employee and Full-Time Equivalent Employees by Industry

|  | Wage and salary accruals per full-time equivalent |  |  | Full-time equivalent employees' |  |  |  | Wage and salary accruals per full-time equivalent |  |  | Full-time equivalent employees ${ }^{1}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1998 | 1999 | 2000 | 1998 | 1999 | 2000 |  | 1998 | 1999 | 2000 | 1998 | 1999 | 2000 |
| Total | 35,109 | 36,675 | 38,706 | 119,401 | 122,083 | 124,973 | Water transportation. Transportation by air ${ }^{2}$ | 42,260 40,402 | $\begin{array}{r} 43,108 \\ 42,523 \end{array}$ | $\begin{aligned} & 44,724 \\ & 43,864 \\ & \hline \end{aligned}$ | 173 1,117 | 176 1.159 | $\begin{array}{r} 181 \\ 1,206 \end{array}$ |
| Domestic industries | 35,023 | 36,587 | 38,612 | 119,840 | 122,515 | 125,411 | Pipelines, except natural gas .............. Transportation services............. | 64,923 34,581 | 65,154 36,178 | 66,462 38,527 | $\begin{array}{r}13 \\ 432 \\ \hline\end{array}$ | 13 437 | 13 448 |
| Private industries | 34,616 | 36,215 | 38,322 | 101,236 | 103,776 | 106,309 | Communications................................. | 34,581 55,855 | 36,178 62,342 | 38,527 | $\begin{array}{r}1,341 \\ \hline \text {, }\end{array}$ | 1437 1,406 | $\begin{array}{r}448 \\ 1,507 \\ \hline 108\end{array}$ |
|  |  |  |  |  |  |  | Telephone and telegraph | 58,960 | 66,090 | 67,799 <br> 54,878 | 950 | 1,003 | 1,082 |
| Agriculture, forestry, and tishing ....... | 20,625 | 21,168 | 21,922 | 1,979 | 2,062 | 2,075 | Radio and television. | 48,309 | 53,015 57 | 54,878 | 391 | 403 | 425 |
| Farms $\qquad$ Agricultural services, forestry, and | 21,476 | 20,832 | 21,995 | 754 | 791 | 763 | Electric, gas, and sanitary services. | 54,969 | 57,962 | 62,333 | 847 | 849 | 843 |
| Agricultural services, torestry, and fishing | 20,100 | 21,378 | 21,880 | 1,225 | 1,271 | 1,312 | Wholesale trade | 43,604 | 45,980 | 48,731 | 6,622 | 6,728 | 6,827 |
| Mining | 52,460 | 55,372 | 58,896 | 582 | 529 | 530 | Retail trade.. | 20,603 | 21,447 | 22,260 | 19,053 | 19,609 | 20,199 |
| Metal mining | 50,571 | 55,432 | 53,850 | 49 | 44 | 40 |  |  |  |  |  |  |  |
| Coal mining. | 51,011 | 51,376 | 53,065 | 91 | 85 | 77 | Finance, insurance, and real estate | 52,415 | 55,391 | 60,348 | 7,022 | 7,155 | 7,163 |
| Oil and gas extraction | 56,811 | 61,476 | 66,934 | 333 | 290 | 302 | Depository institutions | 41,492 | 43,364 | 44,439 | 1,929 | 1,922 | 1,903 |
| Nonmetallic minerals, except fuels...... | 41,229 | 42,345 | 42.892 | 109 | 110 | 117 | Nondepository institutions | 52,326 | 52,046 | 55,056 | 628 | 668 | 645 |
|  |  |  |  |  |  |  | Security and commodity brokers | 129,678 | 139,438 | 156,964 | 646 | 687 | 749 |
| Construction | 34,638 | 36,140 | 37,896 | 6,073 | 6,468 | 6,777 | Insurance carriers. | 48,961 | 50,878 | 53,675 | 1,501 | 1,526 | 1,500 |
|  |  |  |  |  |  |  | Insurance agents, brokers, and service | 43,120 | 45,361 | 48,020 | 740 | 743 | 746 |
| Manufacturing | 40,831 | 42,832 | 45,704 | 18,502 | 18,273 | 18,163 | Real estate | 34,649 | 36,488 | 39,116 | 1,341 | 1,365 | 1,372 |
| Durable goods | 42,607 | 44,850 | 47,974 | 11,094 | 11,003 | 11,010 | Holding and other investment offices ...... | 82,384 | 87,152 | 99,310 | 237 | 244 | 248 |
| Lumber and wood products | 28,258 | 29,009 | 30,018 | 817 | 843 | 827 |  |  |  |  |  |  |  |
| Furniture and fixtures ........... | 28,862 | 29,653 | 30,707 | 522 | 539 | 547 | Services ... | 32,730 | 34,238 | 36,419 | 35,177 | 36,528 | 37,958 |
| Stone, clay, and glass products ...... | 36,923 | 38,616 | 40,685 | 558 | 562 | 572 | Hotels and other lodging places | 22,629 | 23,601 | 24,605 | 1,643 | 1,709 | 1,757 |
| Primary metal industries .............. | 42,817 | 44,579 | 45,473 | 710 | 692 | 694 | Personal services... | 20,313 | 21,025 | 21,835 | 1,175 | 1,204 | 1,228 |
| Fabricated metal products | 36,299 | 37,140 | 38,322 | 1,493 | 1,508 | 1,523 | Business services | 32,340 | 35,231 | 38,618 | 8,168 | 8,786 | 9,426 |
| Industrial machinery and equipment | 46,215 | 49,666 | 54,831 | 2,176 | 2,103 | 2,083 | Auto repair, services, and parkin | 24,902 | 25,686 | 26,779 | 1,212 | 1,269 | 1,315 |
| Electronic and other electric |  |  |  |  |  |  | Miscellaneous repair services | 31,565 | 32,475 | 34,228 | 368 | 366 | 359 |
| equipment. | 45,727 | 50,370 | 57,325 | 1,690 | 1.647 | 1,699 | Motion pictures. | 41,011 | 40,781 | 43,423 | 467 | 485 | 485 |
| Motor vehicles and equipment | 52,184 | 53,877 | 55,285 | 988 | 1,016 | 1.014 | Amusement and recreation services | 27,167 | 28,478 | 29,356 | 1,394 | 1,449 | 1,532 |
| Other transportation equipment..... | 48,627 | 50,084 | 51.896 | 892 | 866 | 828 | Health services. | 36,789 | 37,776 | 39,269 | 8,127 | 9,254 | 9,389 |
| Instruments and related products | 51,420 | 55,006 | 59,059 | 859 | 836 | 833 | Legal services... | 60,232 | 62,580 | 67,402 | 991 | 1.016 | 1.036 |
| Miscellaneous manufacturing |  |  |  |  |  |  | Educational services | 27,115 | 28,042 | 29,356 | 1,991 | 2,068 | 2,152 |
| industries ....... |  |  | 34,723 <br> 42 | 389 7408 | 7,270 | 390 7.153 | Social services and membership organizations .................. |  |  |  | , 462 | 41 | . 824 |
| Food and kindred products | 33,401 | 34,150 | 36,018 | 1,649 | 1,657 | 1,660 | Social services | 19,656 | 20,231 | 21,141 | 2,430 | 2,538 | 2,669 |
| Tobacco products ............. | 56,103 | 60,222 | 68,353 | 39 | 36 | 34 | Membership organ | 22,896 | 24,064 | 25,735 | 2,032 | 2,103 | 2.155 |
| Textile mill products | 27,323 | 28,451 | 29,440 | 591 | 552 | 527 | Other services ${ }^{3}$. | 51,544 | 53,941 | 57,422 | 3,297 | 3,419 | 3,622 |
| Apparel and other textile products.. | 22,126 | 23,332 | 25,254 | 744 | 675 | 598 | Private households | 15,465 | 14,374 | 15,887 | 882 | 862 | 833 |
| Paper and allied products........ | 43,197 | 44,900 | 46,519 | 671 | 661 | 648 |  |  |  |  |  |  |  |
| Printing and publishing ......... | 39,323 | 41,080 | 43,258 | 1,477 | 1,465 | 1,463 | Government. | 37,235 | 38,650 | 40,228 | 18,604 | 18,739 | 19,102 |
| Chemicals and alfied products. | 60,391 | 62,953 | 68,239 | 1,021 | 1,023 | 1,025 | Federal. | 42,666 | 44,287 | 45,887 | 4,207 | 4,164 | 4,262 |
| Petroleum and coal products.... | 63,722 | 63,738 | 64,512 | 133 | 130 | 125 | General government | 41,719 | 43,522 | 44,512 | 3,416 | 3,370 | 3,478 |
| Rubber and miscellaneous plastics |  |  |  |  |  |  | Civilian. | 47,487 | 49,766 | 50,050 | 1,845 | 1,821 | 1,931 |
| products .............................. | 33,557 | 34,462 | 35,590 | 999 | 995 | 1,002 | Military ${ }^{4}$.. | 34,945 | 36,181 | 37,601 | 1,571 | 1.549 | 1,547 |
| Leather and leather products ......... | 25,940 | 27,961 | 29,620 | 84 | 76 | 71 | Government enterprises | 46,755 | 47,533 | 51.987 | 791 | 794 | 784 |
|  |  |  |  |  |  |  | State and local | 35,648 | 37,040 | 38,603 | 14,397 | 14,575 | 14,840 |
| Transportation and public utilities. | 42,808 | 45,453 | 47,347 | 6,226 | 6,424 | 6,617 | General governmen | 35,517 | 36,902 | 38,453 | 13,528 | 13,699 | 13,953 |
| Transportation........................... | 35,924 | 37,210 | 38,450 | 4,038 | 4,169 | 4,267 | Education.... | 35,346 | 36,620 | 37,968 | 7,226 | 7,359 | 7,556 |
| Railroad transportation.. | 59,725 | 60,616 | 61,520 | 211 | 211 | 202 | Other | 35,713 | 37,228 | 39,025 | 6,302 | 6,340 | 6,397 |
| Local and interurban passenger transit |  |  |  |  |  |  | Government enterprises ..................... | 37,684 | 39,208 | 40,967 | 869 | 876 | 887 |
| transit ................................... | $\begin{aligned} & 22,086 \\ & 32,948 \end{aligned}$ | 22,774 33,970 | $\begin{aligned} & 23,781 \\ & 35,031 \end{aligned}$ | 432 1,660 | 447 1,726 | 457 1,760 | Rest of the worid ${ }^{\text {s }}$ |  |  |  | -439 | -432 | -438 |
| 1. Full-time equivalent employees equals the number of employees on full-time schedules plus the number of employees on part-time schedules converted to a full-time basis. The number of full-time equivalent employees in each industry is the product of the total number of employees and the ratio of average weekly hours per employee for all employees to average weekly hours per employee on full-time schedules <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.10.-Farm Sector Output, Gross Product, and National Income

|  | Billions of dollars |  |  | Billions of chained (1996)dollars |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1998 | 1999 | 2000 | 1998 | 1999 | 2000 |
| Farm output. | 214.6 | 208.3 | 214.7 | 238.5 | 244.3 | 248.4 |
| Cash receipts from farm marketings.... | 197.6 | 192.2 | 199.8 | 219.8 | 226.2 | 232.4 |
| Crops. | 103.3 | ${ }_{96.5}^{96.5}$ | 100.2 | 121.5 | 125.4 | 131.2 |
| Livestock. | 94.2 | 95.7 | ${ }_{7} 9.6$ | 98.3 6.0 | 100.9 6.9 | 101.8 |
| Farm products consumed on farms. | 0.5 | 0.5 | 0.6 | 0.5 | 0.5 | ${ }_{0} 0.5$ |
| Other farm income ................................ | 9.0 | 9.9 | 8.5 | 9.9 | 11.8 | 10.1 |
| Change in farm inventories..................... | 0.9 | -1.5 | -1.8 | 1.6 | -1.9 | -2.0 |
| Crops.. | 1.1 | -0.9 | -1.2 | 1.8 | $-1.4$ | -2.2 |
| Livestock....................................... | -0.3 | -0.6 | -0.6 | -0.3 | -0.6 | -0.5 |
| Less: Intermediate goods and services purchased $\qquad$ | 134.1 | 134.0 | 135.7 | 138.2 | 139.1 | 132.9 |
| Intermediate goods and services, other than rent. | 118.9 | 120.4 | 121.7 | 122.5 | 125.1 | 119.4 |
| Rent paid to nonoperator landlords.......... | 15.2 | 13.6 | 14.0 | 15.7 | 14.0 | 13.5 |
| Equals: Gross farm product................... | 80.6 | 74.3 | 79.0 | 100.3 | 106.0 | 120.5 |
| Less: Consumption of fixed capital .... | 27.3 | 29.3 | 28.6 | 26.7 | 28.0 | 27.0 |
| Equals: Net farm product........... | 53.3 | 45.0 | 50.4 | 73.5 | 77.9 | 98.2 |
| Less: Indirect business tax and nontax liability | 5.2 | 5.5 | 5.4 |  |  |  |
| Equals: Farm national income | 58.5 | 58.0 | 64.5 | $\ldots$ | $\ldots$ |  |
| Compensation of employees. | 18.6 | 19.3 | 19.5 |  |  |  |
| Wage and salary accruals. | 16.2 | 16.5 | 16.8 |  | , |  |
| Supplements to wages and salaries. | 2.5 | 2.9 | 2.8 | ..... |  |  |
| Proprietors' income and corporate profits with inventory valuation and capital |  |  |  |  |  |  |
| consumption adjustments. | 29.9 | 28.3 | 34.1 |  |  |  |
| Proprietors' income........... | 25.6 | 26.6 | 30.6 |  |  |  |
| Corporate protits .............................. | 4.3 | 1.7 10.3 | 3.5 | .... |  |  |
| Net interest.......................................... | t0.0 | 10.3 | 10.9 | ..... | ..... | ..... |

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 too. Because the formuia for the chain-type quantity indexe
tive.

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
abie B.4. .
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.

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

|  | Current-cost valuation (Bilions of dollars) |  |  |  |  |  | Chain-type quantity indexes (1996=100) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 |
| Private fixed assets | 15,908.5 | 16,722.5 | 17,653.1 | 18,649.6 | 19,767.3 | 21,164.8 | 97.30 | 100.00 | 102.96 | 106.36 | 109.92 | 113.6 |
| Equipment and software | 3,243.8 | 3,416.3 | 3,585.3 | 3,779.2 | 4,029.0 | 4,319.0 | 94.93 | 100.00 | 105.94 | 113.09 | 121.05 | 129. |
| Nonresidential equipment and software | 3,182.8 | 3,352.2 | 3,519.8 | 3,711.6 | 3,959.2 | 4,245.4 | 94.90 | 100.00 | 105.98 | 113.19 | 121.22 | 129 |
| Information processing equipment and software | 850.2 | 906.0 | 974.8 | 1,035.9 | 1,128.7 | 1,261.6 | 90.81 | 100.00 | 111.57 | 126.01 | 142.08 | 161.6 |
| Computers and peripheral equipment ........... | 93.6 | 101.5 | 112.2 | 117.5 | 136.8 | 163.1 | 71.80 | 100.00 | 142.35 | 201.39 | 280.49 | 382.4 |
| Software! | 158.3 | 173.7 | 200.7 | 236.4 | 278.1 | 325.9 | 89.64 | 100.00 | 116.25 | 137.85 | 159.48 | 181.4 |
| Communication equipment | 344.3 | 363.8 | 388.2 | 399.9 | 425.6 | 475.6 | 93.40 | 100.00 | 108.02 | 118.26 | 131.54 | 151.0 |
| Instruments | 165.1 | 175.0 | 181.9 | 191.3 | 200.3 | 210.6 | 95.07 | 100.00 | 104.07 | 109.35 | 114.71 | 119.8 |
| Photocopy and related equipment | 68.8 | 71.5 | 70.2 | 69.2 | 66.6 | 65.7 | 99.22 | 100.00 | 99.34 | 99.11 | 95.18 | 92.1 |
| Office and acccounting equipment .... | 20.1 | 20.5 | 21.6 | 21.5 | 21.3 | 20.7 | 97.17 | 100.00 | 105.39 | 106.55 | 104.45 | 102 |
| Industrial equipment | 1,075.1 | 1,119.1 | 1,156.9 | 1,199.5 | 1,239.4 | 1,288.1 | 97.07 | 100.00 | 102.97 | 106.11 | 109.13 | 113.2 |
| Fabricated metal products | 95.6 | 98.7 | 98.6 | 99.3 | 99.9 | 100.9 | 98.06 | 100.00 | 100.28 | 101.26 | 102.57 | 103.8 |
| Engines and turbines ....... | 55.8 | 57.3 | 58.5 | 59.3 | 61.3 | 64.5 | 99.35 | 100.00 | 100.11 | 100.99 | 102.69 | 108.4 |
| Steam engines | 49.5 | 50.4 | 51.2 | 51.5 | 52.8 | 55.7 | 99.89 | 100.00 | 99.28 | 99.44 | 100.32 | 106.41 |
| Internal combustion engines | 6.4 | 6.9 | 7.3 | 7.8 | 8.5 | 8.8 | 95.40 | 100.00 | 106.25 | 112.51 | 120.24 | 123.85 |
| Metalworking machinery | 209.2 | 219.2 | 227.8 | 237.8 | 246.1 | 254.9 | 96.54 | 100.00 | 103.54 | 107.42 | 110.69 | 114.06 |
| Special industry machinery, n.e.c | 240.5 | 253.1 | 262.1 | 274.3 | 285.2 | 303.3 | 96.72 | 100.00 | 103.09 | 106.33 | 109.60 | 116.07 |
| General industria, including materials handling, equipment | 225.3 | 234.9 | 243.0 | 253.1 | 260.2 | 268.6 | 97.21 | 100.00 | 102.69 | 105.84 | 108.26 | 111.15 |
| Electrical transmission, distribution, and industrial apparatus ....... | 248.7 | 255.9 | 266.8 | 275.6 | 286.8 | 295.9 | 96.87 | 100.00 | 104.29 | 108.04 | 112.13 | 116.1 |
| Transportation equipment | 650.5 | 690.4 | 716.5 | 764.2 | 840.4 | 905.1 | 95.20 | 100.00 | 104.95 | 111.35 | 120.89 | 128. |
| Trucks, buses, and truck trailers | 234.1 | 260.8 | 283.0 | 321.8 | 370.9 | 404.8 | 89.85 | 100.00 | 111.12 | 125.02 | 142.24 | 155.0 |
| Autos | 150.0 | 159.0 | 159.9 | 157.8 | 161.2 | 162.8 | 95.59 | 100.00 | 101.49 | 100.75 | 102.63 | 103.1 |
| Aircraft | 143.6 | 147.1 | 149.6 | 158.5 | 177.8 | 203.1 | 100.14 | 100.00 | 101.56 | 106.89 | 117.15 | 126.6 |
| Ships and boats | 45.9 | 46.5 | 46.9 | 46.9 | 48.1 | 50.0 | 101.57 | 100.00 | 99.16 | 98.31 | 98.75 | 99.6 |
| Railroad equipment. | 76.9 | 77.1 | 77.1 | 79.1 | 82.3 | 84.4 | 99.38 | 100.00 | 101.34 | 103.91 | 107.43 | 109.5 |
| Other equipment | 607.1 | 636.8 | 671.6 | 712.0 | 750.6 | 790.6 | 96.73 | 100.00 | 104.58 | 110.18 | 115.22 | 120.5 |
| Furniture and fixtures | 169.7 | 178.2 | 189.3 | 200.4 | 214.2 | 230.3 | 96.85 | 100.00 | 104.92 | 111.13 | 117.88 | 125.5 |
| Household fumiture | 8.8 | 9.0 | 9.1 | 9.3 | 9.6 | 10.0 | 99.46 | 100.00 | 100.37 | 102.37 | 105.63 | 109.8 |
| Other furniture | 160.9 | 169.2 | 180.2 | 191.1 | 204.6 | 220.3 | 96.71 | 100.00 | 105.16 | 111.59 | 118.53 | 126.3 |
| Tractors | 57.9 | 59.3 | 63.4 | 67.8 | 69.7 | 72.0 | 98.45 | 100.00 | 106.36 | 112.79 | 115.39 | 119.0 |
| Farm tractors | 47.6 | 48.6 | 51.7 | 54.9 | 55.5 | 57.3 | 98.53 | 100.00 | 105.88 | 111.71 | 112.85 | 116.2 |
| Construction tractors | 10.3 | 10.6 | 11.7 | 13.0 | 14.2 | 14.7 | 98.06 | 100.00 | 108.56 | 117.67 | 126.72 | 131.2 |
| Agricultural machinery, except tractors | 72.6 | 74.9 | 77.2 | 79.9 | 79.9 | 80.7 | 98.44 | 100.00 | 102.00 | 104.37 | 103.19 | 103.3 |
| Construction machinery, except tractors | 76.8 | 82.1 | 87.2 | 94.0 | 100.8 | 103.2 | 95.48 | 100.00 | 104.53 | 110.53 | 116.37 | 118.3 |
| Mining and oilfield machinery | 16.5 | 16.6 | 18.1 | 19.3 | 21.4 | 25.0 | 101.57 | 100.00 | 106.90 | 113.17 | 123.36 | 141.1 |
| Service industry machinery | 64.6 | 68.8 | 72.1 | 75.6 | 78.8 | 81.7 | 95.61 | 100.00 | 103.57 | 107.69 | 111.86 | 115.5 |
| Electrical equipment, n.e.c | 43.4 | 44.7 | 46.9 | 50.9 | 53.9 | 57.4 | 96.01 | 100.00 | 106,49 | 116.43 | 125.44 | 134.9 |
| Household appliances | 2.9 | 2.9 | 2.8 | 2.9 | 2.9 | 2.9 | 100.22 | 100.00 | 99.49 | 100.73 | 102.01 | 104.2 |
| Other | 40.5 | 41.9 | 44.1 | 48.0 | 51.1 | 54.4 | 95.72 | 100.00 | 106.97 | 117.51 | 127.06 | 137.0 |
| Other nonresidential equipment | 105.5 | 112.2 | 117.4 | 124.2 | 132.0 | 140.3 | 95.68 | 100.00 | 104.39 | 109.56 | 115.03 | 120.8 |
| Residential equipment | 61.0 | 64.1 | 65.5 | 67.6 | 69.9 | 73.6 | 96.41 | 100.00 | 103.62 | 107.61 | 112.42 | 117.9 |
| Structures | 12,664.6 | 13,306.3 | 14,067.9 | 14,870.4 | 15,738.3 | 16,845.8 | 97.92 | 100.00 | 102.21 | 104.70 | 107.25 | 09.8 |
| Nonresidential structures | 4,941.4 | 5,175.0 | 5,487.0 | 5,746.2 | 6,027.6 | 6,448.2 | 98.31 | 100.00 | 102.04 | 104.33 | 106.43 | 88.7 |
| Nonresidential buildings, excluding farm | 3,125.1 | 3,285.6 | 3,498.9 | 3,740.8 | 3,986.0 | 4,287.6 | 97.71 | 100.00 | 102.71 | 105.66 | 108.42 | 111.4 |
| Industrial buildings | 700.4 | 729.2 | 765.4 | 806.4 | 839.5 | 881.2 | 98.67 | 100.00 | 101.24 | 102.57 | 102.83 | 103.1 |
| Office buildings ${ }^{2}$ | 723.1 | 756.3 | 804.9 | 865.5 | 931.3 | 1,015.7 | 98.17 | 100.00 | 102.63 | 106.13 | 109.95 | 114.5 |
| Commercial buildings... | 796.6 | 843.8 | 902.7 | 965.3 | 1,031.4 | 1,111.2 | 96.99 | 100.00 | 103.19 | 106.22 | 109.28 | 112.4 |
| Mobile structures | 8.3 | 8.6 | 8.9 | 9.3 | 9.9 | 10.4 | 97.98 | 100.00 | 102.63 | 106.13 | 109.34 | 112.9 |
| Other commercial ${ }^{3}$ | 788.4 | 835.2 | 893.7 | 956.0 | 1,021.4 | 1,100.8 | 96.98 | 100.00 | 103.20 | 106.22 | 109.28 | 112.49 |
| Religious buildings | 140.2 | 145.7 | 153.9 | 163.5 | 173.9 | 186.5 | 98.82 | 100.00 | 101.88 | 104.09 | 106.57 | 109.2 |
| Educational buildings | 129.2 | 137.9 | 149.7 | 163.7 | 177.2 | 194.6 | 96.23 | 100.00 | 104.61 | 110.04 | 114.76 | 120.3 |
| Hospital and institutional buildings | 311.9 | 327.7 | 348.7 | 371.1 | 393.3 | 420.3 | 97.81 | 100.00 | 102.61 | 105.08 | 107.25 | 109.5 |
| Other | 323.7 | 345.1 | 373.6 | 405.3 | 439.3 | 478.1 | 96.46 | 100.00 | 104.49 | 109.23 | 114.11 | 118.7 |
| Hotels and motels | 164.1 | 177.5 | 194.8 | 215.3 | 237.3 | 261.8 | 95.07 | 100.00 | 105.90 | 112.59 | 119.40 | 125.8 |
| Amusement and recreational buildings | 86.6 | 92.7 | 101.0 | 109.8 | 119.3 | 129.5 | 96.01 | 100.00 | 105.11 | 109.88 | 114.96 | 119.2 |
| Other nontarm buildings ${ }^{4}$...................................... | 73.0 | 75.0 | 77.7 | 80.3 | 82.8 | 86.8 | 100.32 | 100.00 | 100.35 | 100.42 | 100.44 | 101.0 |
| Utilities | 1,190.2 | 1,229.0 | 1,264.7 | 1,283.0 | 1,311.0 | 1,368.0 | 99.13 | 100.00 | 100.87 | 102.20 | 103.65 | 105.1 |
| Railroad | 287.5 | 299.2 | 301.2 | 295.4 | 287.0 | 286.7 | 100.62 | 100.00 | 99.54 | 99.33 | 98.67 | 98.0 |
| Telecommunications | 219.3 | 235.3 | 239.5 | 243.0 | 253.1 | 268.9 | 97.93 | 100.00 | 102.15 | 104.16 | 108.58 | 112.9 |
| Electric light and power | 478.0 | 483.4 | 503.9 | 512.7 | 528.9 | 558.8 | 99.19 | 100.00 | 101.01 | 101.85 | 103.03 | 104.7 |
| Gas | 163.7 | 168.9 | 176.7 | 187.6 | 196.2 | 206.0 | 97.83 | 100.00 | 101.34 | 105.96 | 107.90 | 108.7 |
| Petroleum pipelines ........................................................... | 41. | 42.1 | 43.4 | 析 | . 9 | 47.7 | 99 | 100.00 | 85 | 100.34 | 101.25 | 10 |
| Farm related buildings and structures .... | 200.0 | 204.4 | 210.7 | 218.1 | 225.0 | 235.1 | 100.53 | 100.00 | 99.42 | 99.00 | 98.37 | 98.1 |
| Mining exploration, shatts, and wells ..... | 287.3 | 311.2 | 360.8 | 347.4 | 342.4 | 383.9 | 100.06 | 100.00 | 101.65 | 102.77 | 102.23 | 102.7 |
| Petroleum and natural gas ...... | 254.5 | 277.4 | 325.5 | 311.2 | 305.3 | 345.2 | 100.12 | 100.00 | 101.82 | 103.17 | 102.74 | 103.3 |
| Other mining | 32.8 | 33.8 | 35.2 | 36.2 | 37.1 | 38.7 | 99.54 | 100.00 | 100.25 | 99.25 | 97.93 | 97.6 |
| Other nonfarm structures ${ }^{5}$...... | 138.7 | 144.8 | 152.1 | 156.9 | 163.2 | 173.5 | 98.20 | 100.00 | 101.40 | 102.97 | 104.62 | 106.3 |
| Residential structures | 7,723.3 | 8,131.2 | 8,580.8 | 9,124.2 | 9,710.7 | 10,397.6 | 97.67 | 100.00 | 102.31 | 104.95 | 107.77 | 110.6 |
| Housing units | 6,301.5 | 6,624.6 | 6,995.2 | $7,449.5$ | 7,928.8 | 8,484.6 | 97.75 | 100.00 | 102.25 | 104.85 | 107.65 | 110.3 |
| Permanent site | 6.169 .1 | 6,483.0 | 6,845.0 | 7,289.1 | 7,758.1 | 8,308.6 | 97.80 | 100.00 | 102.19 | 104.75 | 107.51 | 110.2 |
| 1-to-4-unit | 5,383.9 | 5,663.1 | 5,959.4 | 6,334.9 | 6,739.6 | 7,265.4 | 97.59 | 100.00 | 102.38 | 105.18 | 108.19 | 111.1 |
| 5-or-more-unit | 785.2 | 819.9 | 885.6 | 954.2 | 1,018.5 | 1,043.2 | 99.23 | 100.00 | 100.94 | 101.92 | 103.10 | 104.1 |
| Manufactured homes | 132.4 | 141.6 | 150.2 | 160.4 | 170.7 | 176.0 | 95.46 | 100.00 | 104.68 | 109.71 | 113.98 | 115.8 |
| Improvements | 1,392.8 | 1,477.1 | 1,555.1 | 1,642.9 | 1,748.4 | 1,877.3 | 97.25 | 100.00 | 102.65 | 105.40 | 108.39 | 111.6 |
| Other residential ${ }^{6}$.............................................................. | 28.9 | 29.6 | 30.5 | 31.9 | 33.5 | 35.7 | 100.33 | 100.00 | 100.33 | 101.11 | 102.73 | 104.4 |

[^50]2. Consists of office buildings, except those occupied by electric and gas utility companies.
3. Consists primarily of stores, restaurants, garages, sevice stations, warehouses, and other buildings used for commercial purposes.
4. 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.

## C. Historical Measures

This table is derived from the "GDP and Other Major NIPA Series" tables that were published in the August 2001 issue of the Survey of Current Business and from the "Selected NIPA Tables" that are published in this issue. (Changes in prices are calculated from indexes expressed to three decimal places.)

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

| Year and quarter | Billions of chained (1996) dollars |  |  | Percent change from preceding period |  | Chain-type price indexes |  | implicit price deflators |  | Percent change from preceding period |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Gross domesticproduct | Final sales ofdomestic product | Gross national product |  |  | Gross domestic product | Gross domesticpurchases | Gross domestic product | Gross nationalproduct | Chain-type price index |  | Implicit price deflators |  |
|  |  |  |  | Gross domestic product | $\begin{gathered} \text { Final sales of } \\ \text { domestic } \\ \text { procuct } \end{gathered}$ |  |  |  |  | Gross domestic product | Gross domestic purchases | Gross domestio product | Gross national product |
| 1959 ....... | 2,319.0 | 2,317.4 | 2,332.8 | 7.2 | 6.3 | 21.88 | 21.41 | 21.88 | 21.88 | 1.1 | 1.1 | 1.1 | 1.1 |
| 1960 .......... | 2,376.7 | 2,378.5 | 2,391.9 | 2.5 | 2.6 | 22.19 | 21.71 | 22.19 | 22.18 | 1.4 | 1.4 | 1.4 | 1.4 |
|  | $2,432.0$ | 2,4355 | 2,448.8 | 2.3 | 2.4 | 22.43 | 21.94 | 22.44 | 22.43 | 1.1 | 1.1 | 1.1 | 1.1 |
| 1962 .............. | $2,578.9$ | 2.569 .5 | 2.598 .0 | 6.0 | 5.5 | 22.74 | 22.23 | 22.74 | 22.74 | 1.4 | 1.3 | 1.4 | 1.4 |
| 1963 ............... | 2,690.4 | 2,683,6 | 2.710 .8 | 4.3 | 4.4 | 22.99 | 22.50 | 23.00 | 22.99 | 1.1 | 1.2 | 1.1 | 1.1 |
| 1964 .................. | 2,846.5 | 2,844.1 | 2,868.5 | 5.8 | 6.0 | 23.34 | 22.85 | 23.34 | 23.34 | 1.5 | 1.6 | 1.5 | 1.5 |
| 1965 ............... | 3,028.5 | 3,008.5 | 3,051.7 | 6.4 | 5.8 | 23.77 | 23.26 | 23.78 | 23.77 | 1.9 | 1.8 | 1.9 | 1.9 |
| ${ }_{1} 9666 . .$. | 3,227.5 | 3,191.1 | 3,248.9 | 6.6 | 6.1 | 24.45 | 23.91 | 24.46 | 24.45 | 2.8 | 2.8 | 2.9 | 2.9 |
| 1967 ................ | 3,308.3 | 3,288.2 | 3,330,4 | 2.5 | 3.0 | 25.21 | 24.61 | 25.21 | 25.21 | 3.1 | 2.9 | 3.1 | 3.1 |
| 1968 ............... | 3,466.1 | 3,450.0 | 3,489.8 | 4.8 | 4.9 | 26.29 | 25.66 | 26.30 | 26.29 | 4.3 | 4.3 | 4.3 | 4.3 |
| 1969 .............. | 3,571,4 | 3,555.9 | 3,594.1 | 3.0 | 3.1 | 27.59 | 26.92 | 27.59 | 27.59 | 4.9 | 4.9 | 4.9 | 4.9 |
| 1970 ............... | 3,578.0 | 3,588.6 | 3,600.6 | . 2 | 9 | 29.05 | 28.37 | 29.06 | 29.05 | 5.3 | 5.4 | 5.3 | 5.3 |
| 1971 ................ | 3,697.7 | 3.688 .1 | 3,722.9 | 3.3 | 2.8 | 30.52 | 29.84 | 30.52 | 30.52 | 5.0 | 5.2 | 5.0 | 5.1 |
| 1972 ............... | 3,898.4 | 3,887.7 | 3,925.7 | 5.4 | 5.4 | 31.81 | ${ }^{31.17}$ | 31.82 | 31.82 | 4.2 | 4.5 | 4.3 | 4.2 |
| $1973 \ldots$ | $4,123.4$ $4,099.0$ | 4,094.3 | $4,161.0$ $4,142.3$ | 5.8 -6 | 5.3 -3 | 33.60 36.60 | 32.99 36.35 | 33.60 36.62 | 33.60 36.62 | 5.6 9.0 | 5.8 10.2 | 5.6 | 5.6 9.0 |
| 1975 ................ | 4 |  |  | -4 | 9 | 40.03 | 39.69 | 40.03 | 40.03 | 9.4 | 92 |  |  |
| 1976 ............... | 4,311.7 | 4,288.8 | 4,351.4 | 5.6 | 4.1 | 42.29 | 41.93 | 42.30 | 42.31 | 5.7 | 5.7 | 5.7 | 5.7 |
| 1977 ............... | 4,511.8 | 4,478.8 | 4,556.6 | 4.6 | 4.4 | 45.02 | 44.80 | 45.02 | 45.03 | 6.4 | 6.8 | 6.4 | 6.4 |
| 1978 ............... | $4,760.6$ | 4,722.9 | 4,805.3 | 5.5 | 5.5 | 48.22 | 48.02 | 48.23 | 48.24 | 7.1 | 7.2 | 7.1 | 7.1 |
| 1979 ............... | 4,912.1 | 4,894.4 | 4,973.9 | 3.2 | 3.6 | 52.24 | 52.26 | 52.25 | 52.26 | 8.3 | 8.8 | 8.3 | 8.3 |
| 1980 ............... | $4,900.9$ 50210 | $4,928.1$ 4.9895 | $4,962.3$ | -2. | 1.7 | 57.05 6237 | 57.79 63.05 | 57.04 6237 | 57.05 62.38 | 9.2 | 10.6 9 | 9.2 | 9.2 |
| ${ }_{1982}$................... | 4,919,3 | 4,954.9 | 4,973.6 | -2.0 | -.7 | 66.26 | 66.71 | 66.25 | 66.26 | 6.2 | 5.8 | 6.2 | 6.2 |
| 1983 ……........ | 5,132.3 | 5,154.5 | 5,184,9 | 4.3 | 4.0 | 68.87 | 69.05 | 68.88 | 68.89 | 3.9 | 3.5 | 4.0 | 4.0 |
| 1984 ............... | 5,505.2 | 5,427.9 | 5,553.8 | 7.3 | 5.3 | 71.44 | 71.46 | 71.44 | 71.45 | 3.7 | 3.5 | 3.7 | 3.7 |
| 1985 ................ | 5,717.1 | 5,698.8 | 5,750.9 | 3.8 | 5.0 | 73.69 | 73.56 | 73.69 | 73.70 | 3.2 | 2.9 | 3.2 | 3.2 |
| 1986 ............... | 5,912.4 | 5,912.6 | 5,932.5 | 3.4 | 3.8 | 75.32 | 75.22 | 75.31 | 75.32 | 2.2 | 2.3 | 2.2 | 2.2 |
| 1987 ................ | 6,113.3 | 6,088.8 | 6,130.8 | 3.4 | 3.0 | 77.58 | 77.70 | 77.58 | 77.58 | 3.0 | 3.3 | 3.0 | 3.0 |
| 1988 ............... | 6,368.4 | 6,352.6 | 6,391.1 | 4.2 | 4.3 | 80.22 | 80.36 | 80.21 | 80.22 | 3.4 | 3.4 | 3.4 | 3.4 |
| 1989 ............... | 6,591.8 | 6,565.4 | 6,615.5 | 3.5 | 3.3 | 83.27 | 83.45 | 83.27 | 83.28 | 3.8 | 3.8 | 3.8 | 3.8 |
| 1990 …- | 6,707.9 | 6,695.6 | 6,740.0 | 1.8 | 2.0 | 86.53 | 86.85 | 86.51 | 86.53 | 3.9 | 4.1 | 3.9 | 3.9 |
| 1991 ............... | 6,676.4 | 6,681.5 | 6,703.4 | -5 | -2 | 89.66 | 89.81 | 89.66 | 89.67 | 3.6 | 3.4 | 3.6 | 3.6 |
| 1992 ............... | 6,880.0 | $6,667.7$ | $6,905.8$ | 3.0 | 2.8 | 91.85 | 92.03 | 91.84 | 91.84 | 2.4 | 2.5 | 2.4 | 2.4 |
| 1993 ............... | $7,062.6$ | 7,043.8 | 7,087.8 | 2.7 | 2.6 | 94.05 | 94.14 | 94.05 | 94.06 | 2.4 | 2.3 | 2.4 | 2.4 |
| $1994 . . . . \cdots \cdots \cdots \cdots . .$. | 7,347.7 | 7,285.8 | 7,364.3 | 4.0 | 3.4 | 96.01 | 96.06 | 96.01 | 96.02 | 2.1 | 2.0 | 2.1 | 2.1 |
| 1995 ............... | 7.543 .8 | $7,512.2$ | 7.564 .0 | 2.7 | 3.1 | 98.10 | 98.20 | 98.10 | 98.11 | 2.2 | 2.2 | 2.2 | 2.2 |
| ${ }_{1} 1996$. | 7.813 .2 | $7,783.2$ | 7.831 .2 | 3.6 4.4 | 3.6 | 100.00 10105 | 100.00 | 100.00 10195 | 100.00 10.93 | 1.9 | 1.8 | 1.9 | 1.9 |
| 1997 1998 $1 . . . . . . . . . . . . . . . . . . . . . ~$ | $8,159.5$ $8,508.9$ | 8,095.2 | ${ }_{8}^{8,508.1}$ | 4.4 | 4.0 | 101.95 103.20 | 101.64 102.43 | 101.95 <br> 103.20 | 101.93 <br> 103.17 | 1.9 1.2 1. | $\begin{array}{r}1.6 \\ .8 \\ \hline\end{array}$ | 1.9 1.2 1. | 1.9 |
| 1999 ................ | 8,856.5 | 8,792.0 | 8,853.0 | 4.1 | 4.3 | 104.66 | 103.99 | 104.65 | 104.62 | 1.4 | 1.5 | 1.4 | 1.4 |
| $2000 . . . . . . . . . . . . . . . . ~$ | 9,224.0 | 9,167.0 | 9,216.4 | 4.1 | 4.3 | 107.04 | 106.70 | 107.04 | 106.99 | 2.3 | 2.6 | 2.3 | 2.3 |
| 1959:1 ............ |  | 2,275.1 |  |  | 9.1 | 21.79 | 21.33 |  |  |  |  |  |  |
| $11 . . . .{ }^{\text {a }}$. | 2,332.4 | $2,314.9$ | $2,345.5$ | 10.9 | 7.2 | 21.84 | 21.37 | 21.83 | 21.83 | 9 | 1.9 | . 1 |  |
| III. | 2,331.4 | 2,344.3 | 2,345.5 | $-2$ | 5.2 | 21.90 | 21.43 | 21.88 | ${ }^{21.88}$ | 1.2 | 1.1 | . | 9 |
| IV ......... | 2,339.1 | 2,335.5 | 2,354.1 | 1.3 | -1.5 | 21.99 | 21.52 | 21.98 | 21.98 | 1.7 | 1.7 | 1.8 | 1.8 |
| 1960: $1 . . . . . . . . . . .$. | 2,391.0 | 2,360.4 | 2,405.4 | 9.2 | 4.3 | 22.04 | 21.57 | 22.08 | 22.07 | 9 | 8 | 1.7 | 1.8 |
| II. | 2,379.2 | 2,382.7 | $2,393.9$ | -2.0 | 3.8 | 22.14 | 21.66 | 22.15 | 22.15 | 1.7 | 1.8 | 1.4 | 1.3 |
| IIII............. | $2,383.6$ <br> $2,352.9$ | 2,3890 | 2,3989 $2,369.3$ | $\begin{array}{r}\text {-5 } \\ \hline\end{array}$ | $\begin{array}{r}-.5 \\ \hline 1.9\end{array}$ | 22.23 22.33 | 21.76 21.86 | 22.23 22.30 | 22.23 22.29 | 1.8 1.8 | 1.8 | 1.5 | 1.15 |
| 1961: 1 .... | 2.366 .5 | 2392.9 | $2,383.7$ | 2.3 | . 3 | 22.36 | 21.88 | 22.35 | 22.34 | . 5 | 4 | 1.0 | 1.0 |
|  | $2,410.8$ | 2,418.3 | 2,427.1 | 7.7 | 4.3 | 22.40 | 21.91 | 22.40 | 22.39 | . 7 | . 5 | . 8 | . 8 |
| III.......... | 2.450 .4 | 2,4377.7 | 2.467 .2 | 6.8 | 3.2 | 22.45 | 21.96 | ${ }^{22.46}$ | ${ }^{22.45}$ | 9 | - | 1.1 | 1.1 |
| IV ......... | 2,500.4 | 2,493.2 | 2,517.5 | 8.4 | 9.4 | 22.51 | 22.01 | 22.53 | 22.53 | 1.0 | . 9 | 1.4 | 1.4 |
| 1962: $1 . . . . . . . . . . .$. | 2,544.0 | 2.522 .5 | 2,561.0 | 7.2 | 4.8 | 22.64 | 22.13 | 22.67 | 22.67 | 2.4 | 2.2 | 2.5 | 2.5 |
| III........... | 2,571.5 | 2,564.6 | $2,590.3$ | 4.4 | ${ }_{34}^{6.8}$ | 22.71 | ${ }_{222}^{22.20}$ | ${ }_{2}^{22.71}$ | 22.70 <br> 275 | 1.1 | 1.3 | . 6 | . 6 |
| III | $2,596.8$ $2,603.3$ | $2,586.2$ $2,604.6$ | ${ }_{2,625.1}^{2,615}$ | 4.0 1.0 4 | 3.4 2.9 | 22.77 22.84 | 22.26 <br> 22.34 | 22.76 22.83 | 22.75 22.83 | 1.4 <br> 1.4 <br> 1 | 1.0 | 1.0 1.3 | 1.0 1.3 |
| 1963:1 ....- | $2,634.1$ | 26193 | 26548 | 4.8 | 23 | 22.93 | 22.42 | 22.91 | 22.90 | 1.4 | 16 | 13 |  |
| $11 . . . . . . . . . . .$. | 2,668.4 | 2.663 .9 | $2,688.2$ | 5.3 | 7.0 | 22.95 | 22.45 | 22.94 | 22.93 | 3 | 4 | ${ }^{6} .6$ | . 6 |
| III........... | 2,719.6 | 2,712.0 | 2,739.8 | 7.9 | 7.4 | ${ }^{22.98}$ | 22.49 | 22.98 | 22.97 | . 6 | . 8 | . 6 | . 6 |
| IV .......... | 2,739.4 | 2,739.6 | 2,760.3 | 2.9 | 4.1 | 23.12 | 22.63 | 23.16 | 23.15 | 2.5 | 2.6 | 3.2 | 3.2 |
|  | 2,800.5 | $2,799.3$ | 2,823.2 | 9.2 | 9.0 | 23.20 | 22.72 | 23.22 | 23.22 | 1.4 | 1.5 | 1.2 | 1.2 |
| II........... | 2,833.8 | $2,833.5$ | 2,855.7 | 4.8 | 5.0 | 23.27 | 22.79 | ${ }^{23.28}$ | 23.27 | 1.2 | 1.3 | 9 | 19 |
|  | 2,872.0 | 2.868 .3 | 2,894.7 | 5.5 | 5.0 | 23.39 | 22.90 | 23.37 | ${ }^{23.37}$ | 2.0 | 1.8 | 1.6 | 1.6 |
| IV .......... | 2,879.5 | 2,875.5 | 2,900.5 | 1.0 | 1.0 | 23.49 | 22.99 | 23.49 | 23.48 | 1.8 | 1.7 | 2.0 | 2.0 |
| 1965: I ............ | 2,950.1 | 2.920 .2 | 2,974.0 | 10.2 | 6.4 | 23.60 | 23.08 | 23.61 | ${ }^{23.60}$ | 1.9 | 1.6 | 2.1 | 2.1 |
| II. .-......... | 2,989.9 | $2,973.2$ | 3,014.6 | 5.5 | 7.4 | 23.71 | 23.19 | 23.71 | ${ }_{23}^{23.71}$ | 1.8 | 1.8 | 1.8 | 1.8 |
| III. | 3,050.7 | 3,029.4 | 3,073.6 | 8.4 | 7.8 | ${ }^{23.81}$ | ${ }^{23.30}$ | 23.81 | 23.80 | 1.8 | 1.9 | 1.5 | 1.5 |
| N .......... | 3,123.6 | 3,111.4 | 3,144.5 | 9.9 | 11.3 | 23.97 | 23.46 | 23.97 | 23.97 | 2.6 | 2.9 | 2.8 | 2.8 |
|  | 3,20t.1 | 3.165 .1 | 3.222 .6 | 10.3 | 7.1 | $24.1+$ | 23.59 | 24.13 | 24.12 | 2.4 | 2.1 | 2.6 | 2.6 |
| II........... | 3,213.2 | 3,180.0 | 3,234.8 | 1.5 | 1.9 | 24.33 | ${ }^{23.81}$ | 24.32, | ${ }_{2}^{24.32}$ | 3.8 | 3.8 | 3.3 | 3.3 |
| $\cdots$ | ${ }_{3}^{3,233.6} 3$ | 3.205 .0 $3,214.5$ | $3,254.7$ <br> $3,283.7$ | 2.6 3.5 | 3.2 1.2 | ${ }_{24.79}^{24.57}$ | 24.03 24.22 | 24.58 24.79 | 24.58 24.79 | 3.0 | 3.7 3.3 | 4.3 3.5 | 4.3 |

Table C.1.-GDP and Other Major NIPA Aggregates-Continued
Quarterty estimates are seasonally adjusted at annual rates]

| Year and quarter | Billions of chained (1996) dollars |  |  | Percent change from preceding period |  | Chain-type price indexes |  | Implicit price deflators |  | Percent change from preceding period |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Gross domestic product | Final sales of domestic product | Gross national product |  |  | Gross domestic product | Gross domestic purchases | Gross domestic product | Gross national product | Chain-type price index |  | Implicit price deflators |  |
|  |  |  |  | Gross domestic <br> product Final sales of <br> domestic <br> product |  |  |  |  |  | Gross domestic product | Gross domestic purchases | Gross domestic product | Gross national product |
|  | $3,291.8$ $3,289.7$ $3,313.5$ $3,338.3$ | $3,246.9$ $3,281.5$ $3,297.4$ $3,326.9$ | $3,313.4$ $3,310.7$ $3,336.6$ $3,360.8$ | 3.7 -.3 2.9 3.0 | $\begin{aligned} & 4.1 \\ & 4.3 \\ & 2.0 \\ & 3.6 \end{aligned}$ | 24.90 25.06 25.29 25.57 | 24.32 24.47 24.70 24.96 | 24.89 25.05 25.31 25.59 | 24.89 25.04 25.11 25.59 | 1.9 2.5 3.8 4.4 | 1.6 2.5 3.8 4.3 | 1.6 2.5 4.3 4.5 | 1.6 2.5 4.3 4.5 |
| $\begin{array}{r} \text { 1968: } \operatorname{I} . . . . . . . . . . . . . . ~ \\ \text { II.......... } \\ \text { IV........... } \\ \text { IV ....... } \end{array}$ | $3,406.2$ $3,464.8$ $3,489.2$ $3,504.1$ | $3,394.2$ $3,428.5$ $3,478.1$ $3,499.5$ | $3,429.2$ $3,488.3$ $3,513.4$ $3,528.1$ | 8.4 7.1 2.8 1.7 | 8.3 <br> 4.1 <br> 5.9 <br> 2.5 | 25.86 26.15 26.39 26.76 | 25.24 25.51 25.77 26.13 | 25.88 26.14 26.39 26.76 | 25.87 26.14 26.39 26.76 | 4.6 4.5 3.5 3.8 5.7 | 4.6 4.2 4.1 5.7 | 4.5 4.1 3.9 5.7 | 4.5 4.1 3.9 5.7 |
|  | $3,558.3$ $3,567.6$ $3,588.3$ $3,571.4$ | $3,535.0$ $3,551.3$ $3,569.0$ $3,568.3$ | $3,582.2$ $3,590.6$ $3,610.3$ $3,593.3$ | 6.3 1.0 2.3 -1.9 | 4.1 1.9 2.0 -.1 | 27.02 27.39 27.79 28.15 | 26.37 26.73 27.11 27.46 | 27.03 27.39 27.79 28.15 | 27.03 27.38 27.79 28.15 | 3.9 5.5 6.0 5.3 | 3.8 5.6 5.8 5.3 | 4.1 5.3 6.0 5.3 | 4.1 5.3 6.0 5.3 |
|  | $3,566.5$ $3,573.9$ $3,605.2$ $3,566.5$ $3,66.1$ | $3,578.9$ $3,573.2$ $3,605.0$ $3,597.4$ $3,43.1$ | $3,589.1$ $3,597.4$ $3,668.3$ $3,587.6$ | -6 .8 3.6 -4.2 | 1.2 -.6 3.6 -.8 | 28.54 28.94 29.17 29.55 | 27.85 28.24 28.51 28.89 | 28.55 28.94 29.18 29.56 | $\begin{aligned} & 28.54 \\ & 28.94 \\ & 29.17 \\ & 29.56 \end{aligned}$ | 5.6 5.6 5.8 3.2 5.3 | 5.8 5.6 3.9 5.5 | 5.8 5.7 3.3 5.3 | 5.8 5.7 3.7 3.3 5.3 |
|  | $3,666.1$ $3,686.2$ $3,714.5$ $3,723.8$ | $3,643.1$ $3,667.8$ $3,698.9$ $3,742.5$ | $3,691.3$ $3,712.8$ $3,738.4$ $3,749.2$ | 11.6 2.2 3.1 1.0 | 5.2 2.7 3.4 4.8 | 30.00 30.40 30.71 30.96 | 29.31 <br> 29.71 <br> 30.04 <br> 30.30 | 30.00 30.40 30.71 30.96 | 30.00 30.40 30.79 30.96 | 6.1 5.5 4.1 3.3 | 6.0 5.5 4.6 3.5 | 6.1 5.4 4.2 3.3 | 6.1 5.4 4.2 3.3 |
| $\text { 1972: I ............. } \begin{array}{r} \text { II.......... } \\ \text { IIt........ } \\ \text { IV ......... } \end{array}$ | $3,796.9$ $3,883.8$ $3,922.3$ $3,990.5$ | $3,802.2$ $3,862.7$ 3.897 .2 $3,988.5$ | $3,823.4$ $3,910.0$ $3,950.7$ $4,018.7$ | 8.1 9.5 4.0 7.1 | 6.5 6.5 3.6 9.7 | 31.42 <br> 31.61 <br> 31.92 <br> 32.30 | 30.76 30.98 31.30 31.67 | 31.41 <br> 31.61 <br> 31.92 <br> 32.32 <br>  | 31.41 <br> 31.61 <br> 31.92 <br> 32.32 <br>  | 6.1 2.5 4.0 4.8 | 6.1 2.9 4.2 4.8 | 5.8 2.6 4.0 5.1 | 5.8 2.6 4.0 5.1 |
|  | $4,092.3$ $4,133.3$ $4,117.0$ $4,151 . t$ | $4,075.5$ $4,094.4$ $4,100.7$ $4,106.3$ | $4,125.0$ $4,168.3$ $4,158.0$ $4,192.5$ 4, | 10.6 4.1 -1.6 3.4 | 9.0 1.9 .6 .5 | 32.73 33.27 33.90 34.48 | 32.09 32.69 33.29 33.91 | 32.71 <br> 33.25 <br> 33.66 <br> 34.58 | 32.71 33.25 33.86 34.58 | 5.4 6.8 6.8 7.9 7.0 | 5.4 7.7 7.6 7.6 | 4.9 6.9 7.5 8.7 7 | 4.9 4.9 7.5 8.7 |
|  | $4,119.3$ $4,130.4$ $4,084.5$ $4,062.0$ | $4,101.8$ $4,05.6$ $4,089.8$ $4,025.8$ | $4,168.1$ $4,176.5$ $4,126.5$ $4,098.0$ | $\begin{array}{r}-3.0 \\ 1.1 \\ -4.4 \\ -2.2 \\ \hline\end{array}$ | -.4 -4 -1.5 -6.1 | 35.18 35.97 37.07 38.20 | 34.80 35.79 36.87 37.93 | 35.20 36.02 37.99 38.20 | 35.20 36.02 37.788 38.19 | $\begin{array}{r}8.4 \\ 9.2 \\ 12.8 \\ 12.7 \\ \hline\end{array}$ | 10.9 11.9 12.7 12.0 | $\begin{array}{r}7.4 \\ 9.6 \\ 12.4 \\ 12.5 \\ \hline\end{array}$ | 7.4 9.6 12.4 12.5 |
| 1975: $\begin{array}{r}1 . . . . . . . . . . . . . ~ \\ \text { II....... } \\ \text { IV....... } \\ \text { IV }\end{array}$ | $4,010.0$ $4,045.2$ $4,115.4$ $4,167.2$ | $4,054.7$ $4,099.2$ $4,135.9$ $4,184.3$ | $4,040.1$ $4,075.6$ 4,484 $4,206.7$ | -5.0 3.6 7.1 5.1 | 2.9 4.5 3.6 4.8 | 39.08 39.63 40.35 41.05 | 38.76 39.33 39.99 40.67 | 39.08 39.63 40.33 41.05 | 39.08 39.63 40.33 41.05 | 9.6 5.8 7.5 7.1 | 9.0 6.0 7.0 6.9 | 9.6 5.7 7.3 7.3 | 9.6 5.7 7.3 7.3 |
| $\begin{array}{r} \text { 1976: } 1 . . . . . . . . . . . . ~ \\ \text { It........... } \\ \text { M ............ } \\ \mathrm{N} \end{array}$ | $4,266.1$ $4,301.5$ $4,321.9$ $4,357.4$ | $4,248.8$ $4,264.1$ $4,289.7$ $4,352.4$ | $4,304.2$ $4,341.2$ $4,362.0$ $4,398.4$ | 9.8 3.4 1.9 3.3 | 6.3 1.4 2.4 6.0 | 41.49 41.93 42.51 43.25 | 41.11 41.56 42.18 42.88 | 41.50 41.92 42.50 43.27 | 41.50 41.92 42.51 43.28 | 4.3 4.3 5.6 7.1 | 4.4 4.5 6.1 6.8 | 4.5 4.9 5.7 7.4 | 4.5 4.1 5.7 7.4 |
|  | $4,410.5$ $4,489.8$ $4,570.6$ $4,576.1$ | $4,393.8$ $4,464.0$ $4,509.7$ $4,547.5$ | $4,457.6$ $4,535.9$ $4,666.4$ $4,616.6$ | 5.0 7.4 7.4 .5 | 3.9 6.5 4.2 3.4 | 43.97 44.69 45.32 46.08 | 43.68 44.45 45.14 45.92 | 43.97 44.69 4.93 46.16 | 43.97 44.71 45.25 46.17 | 6.9 6.7 5.8 6.9 | 7.7 7.2 6.4 7.0 | 6.6 6.8 4.9 8.5 | 6.6 6.8 4.9 8.4 |
|  | $4,588.9$ $4,765.7$ 4.811 .7 $4,876.0$ | $4,552.0$ $4,730.8$ $4,774.7$ $4,834.2$ | $4,636.0$ <br> $4,804.8$ <br> $4,854.6$ <br> $4,925.8$ <br> 4 | 1.1 16.3 3.9 5.5 1 | r 16.4 36 3.8 5.1 1.7 | 46.86 47.79 48.64 49.62 | 46.67 47.60 48.45 49.37 | 46.86 47.77 48.60 49.59 | 46.87 47.78 48.61 49.60 | 6.9 8.2 7.3 8.3 | 6.8 8.2 7.3 7.8 | 6.2 <br> 8.0 <br> 7.1 <br> 8.4 | 6.2 8.0 7.1 8.4 |
|  | $4,888.3$ $4,891.4$ $4,926.2$ $4,942.6$ | $4,855.1$ $4,852.9$ $4,921.9$ $4,947.7$ | $4,939.6$ $4,949.3$ $4,995.6$ $5,011.4$ | 1.0 .3 2.9 1.3 | 1.7 -.2 5.8 2.1 | 50.58 51.73 52.79 53.86 | 50.38 51.58 52.89 54.20 | 50.55 <br> 51.71 <br> 5.2 .81 <br> 53.90 | 50.56 <br> 51.72 <br> 5.82 <br> 53.90 | 8.0 <br> 9.4 <br> 8.5 <br> 8.3 | 8.4 9.9 10.5 10.3 | 7.9 <br> 9.5 <br> 8.8 <br> 8.5 | 7.9 9.5 8.8 8.5 |
|  | $\begin{aligned} & 4,958.9 \\ & 4,857.8 \\ & 4,850.3 \\ & 4,936.6 \end{aligned}$ | $4,961.4$ $4,861.6$ $4,923.9$ $4,965.2$ 4 | $5,028.8$ $4,922.5$ $4,911.3$ $4,986.3$ | 1.3 -7.9 -6.3 7.3 | $\begin{array}{r}1.1 \\ -7.8 \\ 5.2 \\ 3.4 \\ \hline 1.7\end{array}$ | 55.08 56.35 57.62 59.16 | 55.73 57.14 58.43 59.89 | 55.11 56.34 57.60 59.13 | $\begin{aligned} & 55.12 \\ & 56.35 \\ & 57.61 \\ & 59.14 \end{aligned}$ | 9.4 9.5 9.4 11.1 | 11.8 10.5 9.3 10.4 | 9.3 9.2 9.2 11.0 | 9.3 9.2 9.2 11.1 |
|  | $5,032.5$ $4,997.3$ $5,056.8$ $4,997.1$ | $4,985.6$ $4,995.9$ $5,003.5$ $4,972.9$ | $5,086.4$ <br> $5,048.1$ <br> $5,10.5$ <br> $5,056.8$ | 8.0 -2.8 4.9 -4.6 | 1.7 .8 -6.4 -2.4 | 60.67 61.75 62.95 64.10 | 61.42 62.53 63.56 64.70 | 60.66 61.76 62.95 64.10 | 60.67 61.77 624.97 64.11 | 10.6 7.3 8.0 7.5 | $\begin{array}{r}10.7 \\ 7.4 \\ 6.7 \\ 7.4 \\ \\ \hline\end{array}$ | 10.8 7.5 8.0 7.5 | 10.8 7.8 8.0 7.5 |
|  | $\begin{aligned} & 4,914.3 \\ & 4,935.5 \\ & 4,912.1 \\ & 4,915.6 \end{aligned}$ | $\begin{aligned} & 4,959.7 \\ & 4,954.2 \\ & 4,916.8 \\ & 4,989 . \end{aligned}$ | $\begin{aligned} & 4,969.4 \\ & 4,996.9 \\ & 4,963.4 \\ & 4,964.8 \end{aligned}$ | -6.5 1.7 -1.9 .3 | $\begin{array}{r} -1.1 \\ -.4 \\ -3.0 \\ 6.0 \end{array}$ | $\begin{aligned} & 65.00 \\ & 65.84 \\ & 66.75 \\ & 67.44 \end{aligned}$ | $\begin{aligned} & 65.56 \\ & 66.29 \\ & 67.16 \\ & 67.83 \end{aligned}$ | $\begin{aligned} & 64.99 \\ & 65.83 \\ & 66.75 \\ & 67.45 \end{aligned}$ | $\begin{aligned} & 65.00 \\ & 65.84 \\ & 66.76 \\ & 67.46 \end{aligned}$ | 5.8 5.3 5.6 4.2 | 5.4 4.6 4.4 5.4 4.0 | 5.7 5.3 5.7 4.3 | 5.7 5.2 5.7 4.3 |
|  | $\begin{aligned} & 4,972.4 \\ & 5,089.8 \\ & 5,180.4 \\ & 5,286.8 \end{aligned}$ | $5,036.1$ $5,113.1$ $5,200.3$ $5,268.5$ | $\begin{aligned} & 5,021.5 \\ & 5,142.2 \\ & 5,233.9 \\ & 5,342.0 \end{aligned}$ | 4.7 9.8 7.3 8.5 | $\begin{aligned} & 3.8 \\ & 6.3 \\ & 7.0 \\ & 5.4 \end{aligned}$ | $\begin{aligned} & 67.98 \\ & 68.59 \\ & 69.17 \\ & 69.75 \end{aligned}$ | 68.22 <br> 68.80 <br> 69.35 <br> 69.83 | $\begin{aligned} & 67.95 \\ & 68.56 \\ & 69.16 \\ & 69.77 \end{aligned}$ | $\begin{aligned} & 67.96 \\ & 68.57 \\ & 69.18 \\ & 69.79 \end{aligned}$ | 3.3 <br> 3.6 <br> 3.4 <br> 3.4 | 2.3 3.5 3.2 2.8 | 3.0 3.7 3.6 3.6 4.8 | 3.0 3.7 3.6 3.6 |
|  | $\begin{aligned} & 5,402.3 \\ & 5,493.8 \\ & 5,541,3 \\ & 5,583 . \end{aligned}$ | $5,313.9$ $5,410.8$ $5,40.0$ $5,531.0$ | $5,452.6$ $5,544.3$ $5,51.1$ $5,627.1$ | 9.0 7.0 3.5 3.1 | $\begin{aligned} & 3.5 \\ & 7.5 \\ & 3.4 \\ & 5.6 \end{aligned}$ | $\begin{aligned} & 70.59 \\ & 71.18 \\ & 71.74 \\ & 72.24 \end{aligned}$ | 70.67 71.25 71.72 72.18 | $\begin{aligned} & 70.59 \\ & 71.16 \\ & 71.73 \\ & 72.24 \end{aligned}$ | 70.60 71.17 71.74 72.55 | 4.9 <br> 3.4 <br> 3.2 <br> 2.8 | 4.9 3.3 2.7 2.5 | 4.8 3.3 3.2 2.9 | 4.7 3.3 3.2 2.9 |
|  | $\begin{aligned} & 5.629 .7 \\ & 5,673.8 \\ & 5,758.6 \\ & 5,806.0 \end{aligned}$ | $\begin{aligned} & 5,619.8 \\ & 5,657.0 \\ & 5,746.0 \\ & 5,772.5 \end{aligned}$ | $\begin{aligned} & 5,664.3 \\ & 5,710.9 \\ & 5,788.6 \\ & 5,839.6 \end{aligned}$ | 3.4 3.2 6.1 3.3 | $\begin{aligned} & 6.6 \\ & 2.7 \\ & 6.4 \\ & 1.9 \end{aligned}$ | $\begin{aligned} & 73.01 \\ & 73.49 \\ & 73.88 \\ & 74.40 \end{aligned}$ | $\begin{aligned} & 72.80 \\ & 73.32 \\ & 73.73 \\ & 74.38 \end{aligned}$ | $\begin{aligned} & 73.00 \\ & 73.50 \\ & 73.85 \\ & 74.39 \end{aligned}$ | $\begin{aligned} & 73.01 \\ & 73.50 \\ & 73.86 \\ & 74.40 \end{aligned}$ | 4.3 2.7 2.1 2.9 | 3.5 2.8 2.3 3.6 | 4.3 2.7 2.0 3.0 | 4.2 2.8 1.9 3.0 |
|  | $\begin{aligned} & 5,858.9 \\ & 5,883.3 \\ & 5,937.9 \\ & 5,969.5 \end{aligned}$ | $\begin{aligned} & 5,828.7 \\ & 5,872.6 \\ & 5,956.0 \\ & 5,993.1 \end{aligned}$ | $\begin{aligned} & 5,887.3 \\ & 5,901.9 \\ & 5,959.0 \\ & 5,981.7 \end{aligned}$ | 3.7 1.7 3.8 2.1 | $\begin{aligned} & 3.9 \\ & 3.1 \\ & 5.8 \\ & 2.5 \end{aligned}$ | $\begin{aligned} & 74.69 \\ & 75.04 \\ & 75.51 \\ & 76.05 \end{aligned}$ | $\begin{aligned} & 74.71 \\ & 74.85 \\ & 75.37 \\ & 75.94 \end{aligned}$ | $\begin{aligned} & 74.68 \\ & 75.05 \\ & 75.51 \\ & 76.01 \end{aligned}$ | $\begin{aligned} & 74.69 \\ & 75.05 \\ & 75.51 \\ & 76.02 \end{aligned}$ | 1.5 1.9 2.5 2.9 | 1.8 .7 2.9 3.0 | 1.5 2.0 2.5 2.7 | 1.5 2.0 2.5 2.7 |
|  | 6,013.3 <br> 6,077.2 <br> $6,128.1$ $6,234.4$ | $\begin{aligned} & 5,985.4 \\ & 6,066.8 \\ & 6,138.7 \\ & 6,164.1 \end{aligned}$ | $\begin{aligned} & 6,027.6 \\ & 6,095.8 \\ & 6,145.8 \\ & 6,254.1 \end{aligned}$ | 3.0 4.3 3.4 7.1 | $\begin{aligned} & -.5 \\ & 5.6 \\ & 4.8 \\ & 1.7 \end{aligned}$ | $\begin{aligned} & 76.73 \\ & 77.27 \\ & 77.83 \\ & 78.46 \end{aligned}$ | $\begin{aligned} & 76.76 \\ & 77.40 \\ & 78.01 \\ & 78.64 \end{aligned}$ | $\begin{aligned} & 76.70 \\ & 77.27 \\ & 77.84 \\ & 78.46 \end{aligned}$ | $\begin{aligned} & 76.71 \\ & 77.27 \\ & 77.84 \\ & 78.46 \end{aligned}$ | 3.6 2.9 2.9 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 |

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

| Year and quarter | Billions of chained (1996) dollars |  |  | Percent change from preceding period |  | Chair-type price indexes |  | Implicit price deftators |  | Percent change from preceding period |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Gross domestic product | Final sales of domestic product | Gross national product |  |  | Gross domestic product | Gross domestic purchases | Gross domestic product | Gross national product | Chain-type price index |  | Implicit price deflators |  |
|  |  |  |  | Gross domestic product | Final saies of domestic product |  |  |  |  | Gross domestic product | Gross domestic purchases | Gross domestic product | Gross national product |
| 1988: $1 . . . . . . . . . . .$. | 6,275.9 | 6,263.0 | 6,302.0 | 2.7 | 6.6 | 78.99 | 79.21 | 78.98 | 78.99 | 2.7 | 2.9 | 2.7 | 2.7 |
| II ............ | 6,349.8 | 6,334.0 | 6,372.8 | 4.8 | 4.6 | 79.79 | 80.01 | 79.79 | 79.79 | 4.1 | 4.1 | 4.1 | 4.1 |
| III. ............. | 6,382.3 | 6,365.9 | 6,402.0 | 2.1 | 2.0 | 80.73 | 80.75 | 80.71 | 80.72 | 4.8 | 3.8 | 4.7 | 4.7 |
| N ........... | 6,465.2 | 6,447.5 | 6,487.4 | 5.3 | 5.2 | 81.36 | 81.46 | 81.33 | 81.34 | 3.2 | 3.6 | 3.1 | 3.1 |
| 1989: $1 . . . . . . . . . .$. | 6,543.8 | 6,492.7 | 6,565.6 | 5.0 | 2.8 | 82.20 | 82.36 | 82.20 | 82.20 | 4.2 | 4.5 | 4.3 | 4.3 |
| II .............. | 6,579.4 | 6,542.8 | 6,599.7 | 2.2 | 3.1 | 83.02 | 83.26 | 83.01 | 83.02 | 4.0 | 4.4 | 4.0 | 4.0 |
| III. ........... | 6,610,6 | 6,605.8 | 6,633.4 | 1.9 | 3.9 | 83.62 | 83.74 | 83.62 | 83.63 | 2.9 | 2.4 | 2.9 | 3.0 |
| N .......... | 6,633.5 | 6,620.4 | 6,663.4 | 1.4 | . 9 | 84.24 | 84.43 | 84.24 | 84.25 | 3.0 | 3.3 | 3.0 | 3.0 |
| 1990: I ............ | 6,716.3 | 6,705.8 | 6,743.6 | 5.1 | 5.3 | 85.19 | 85.48 | 85.18 | 85.20 | 4.6 | 5.1 | 4.5 | 4.6 |
| III............ | 6731.7 | 6,697.6 | 6,760.8 | . 9 | -. 5 | 86.17 | 86.27 | 86.16 | 86.17 | 4.7 | 3.7 | 4.7 | 4.6 |
| III ............ | $6,719.4$ | 6,699.2 | 6,742.6 | -.7 | .1 | 87.00 | 87.26 | 86.99 | 87.00 | 3.9 | 4.7 | 3.9 | 3.9 |
| IV .......... | 6,664.2 | 6,680.0 | 6,713.3 | -3.2 | -1.1 | 87.76 | 88.41 | 87.74 | 87.76 | 3.5 | 5.3 | 3.5 | 3.5 |
| 1991: $1 . . . . . . . . . . .$. | 6,631.4 | 6,652.5 | 6,667.4 | -2.0 | -1.6 | 88.78 | 89.09 | 88.76 | 88.78 | 4.7 | 3.1 | 4.8 | 4.7 |
| 11............ | 6,668.5 | 6,692.5 | 6,692.1 | 2.3 | 2.4 | 89.41 | 89.51 | 89.40 | 89.41 | 2.9 | 1.9 | 2.9 | 2.9 |
| III ............ | 6,684.9 | 6,689.2 | 6,704.7 | 1.0 | -. 2 | 89.99 | 90.04 | 89.99 | 90.00 | 2.6 | 2.4 | 2.7 | 2.6 |
| N .......... | 6,720.9 | 6,692.0 | 6,749.4 | 2.2 | . 2 | 90.47 | 90.60 | 90.47 | 90.48 | 2.2 | 2.5 | 2.2 | 2.2 |
| 1992: I ............ | 6,783.3 | 6,788.9 | 6,811.1 | 3.8 | 5.9 | 91.16 | 91.25 | 91.16 | 91.15 | 3.1 | 2.9 | 3.1 | 3.0 |
| 11. | 6,846.8 | 6,827.1 | 6,873.8 | 3.8 | 2.3 | 91.68 | 91.81 | 91.67 | 91.67 | 2.3 | 2.5 | 2.3 | 2.3 |
| III ............ | 6,899.7 | 6,882.7 | 6,923.3 | 3.1 | 3.3 | 91.98 | 92.26 | 91.97 | 91.97 | 1.3 | 2.0 | 1.3 | 1.3 |
| IV ........... | 6,990.6 | 6,972.4 | 7.015.1 | 5.4 | 5.3 | 92.56 | 92.81 | 92.55 | 92.55 | 2.5 | 2.4 | 2.5 | 2.5 |
| 1993: I ............ | 6,988.7 |  | 7,020.9 | -. 1 | -1.1 | 93.33 | 93.42 | 93.32 | 93.32 | 3.4 | 2.7 | 3.4 | 3.4 |
| II ............ | $7,031.2$ | 7,008.8 | 7,056.0 | 2.5 | 3.2 | 93.83 | 93.98 | 93.82 | 93.83 | 2.2 | 2.4 | 2.2 | 2.2 |
| III ........... | 7,062.0 | 7,057.9 | 7,092.4 | 1.8 | 2.8 | 94.26 | 94.32 | 94.24 | 94.26 | 1.8 | 1.5 | 1.8 | 1.8 |
| IV ........... | 7,168.7 | 7,154.8 | 7,182.1 | 6.2 | 5.6 | 94.79 | 94.83 | 94.79 | 94.81 | 2.3 | 2.2 | 2.4 | 2.4 |
| 1994: I ............ | 7,229.4 | 7,187,1 | 7,249.8 | 3.4 | 1.8 | 95.28 | 95.22 | 95.28 | 95.29 | 2.1 | 1.7 | 2.0 | 2.1 |
| III........... | $7,330.2$ | 7,250,2 | 7,346.3 | 5.7 | 3.6 | 95.72 | 95.74 | 95.71 | 95.73 | 1.8 | 2.2 | 1.8 | 1.8 |
| III ........... | 7,370.2 | $7,318.5$ | 7,385.1 | 2.2 | 3.8 | 96.29 | 96.43 | 96.28 | 96.29 | 2.4 | 2.9 | 2.4 | 2.4 |
| IV .......... | 7,461.1 | 7,387.2 | 7,476.0 | 5.0 | 3.8 | 96.74 | 96.86 | 96.74 | 96.74 | 1.9 | 1.8 | 1.9 | 1.9 |
| 1995: \| ............ | 7,488.7 | 7,427.3 | 7,510.2 | 1.5 | 2.2 | 97.45 | 97.51 | 97.45 | 97.45 | 3.0 | 2.7 | 3.0 | 3.0 |
| II............ | 7,503.3 | 7,469.6 | 7,528.6 | . 8 | 2.3 | 97.86 | 98.04 | 97.86 | 97.87 | 1.7 | 2.2 | 1.7 | 1.7 |
| III ............ | $7,561.4$ | 7,549.7 | 7,572.3 | 3.1 | 4.4 | 98.31 | 98.42 | 98.30 | 98.31 | 1.8 | 1.6 | 1.8 | 1.8 |
| IV .......... | 7,621.9 | 7,602.5 | 7,645.2 | 3.2 | 2.8 | 98.79 | 98.85 | 98.78 | 98.79 | 2.0 | 1.8 | 2.0 | 2.0 |
| 1996: \| ............ | 7,676.4 | 7,669.6 | 7,703.1 | 2.9 | 3.6 | 99.40 | 99.42 | 99.39 | 99.39 | 2.5 | 2.3 | 2.5 | 2.5 |
| II........... | 7,802.9 | 7,773.4 | 7,820.4 | 6.8 | 5.5 | 99.74 | 99.74 | 99.74 | 99.74 | 1.4 | 1.3 | 1.4 | 1.4 |
| III ........... | 7,841.9 | 7,792.1 | 7,853.5 | 2.0 | 1.0 | 100.23 | 100.16 | 100.22 | 100.22 | 2.0 | 1.7 | 1.9 | 1.9 |
| N .......... | 7,931.3 | 7,897.6 | 7,947.9 | 4.6 | 5.5 | 100.63 | 100.68 | 100.63 | 100.63 | 1.6 | 2.1 | 1.7 | 1.6 |
| 1997: $1 . . . . . . . . . .$. | $8,016.4$ | 7,966.4 | $8,025.1$ | 4.4 | 3.5 | 101.36 | 101.28 | 101.34 | 101.33 | 2.9 | 2.4 | 2.9 | 2.8 |
| II............ | 8,131.9 | 8.043 .2 | 8,145.6 | 5.9 | 3.9 | 101.82 | 101.49 | 101.82 | 101.80 | 1.9 | 8 | 7.9 | 1.8 |
| III ............ | $8,216.6$ | $8,164.9$ | 8,225.1 | 4.2 | 6.2 | 102.12 | 101.74 | 102.12 | 102.10 | 1.2 | 1.0 | 1.2 | 1.2 |
| IV .......... | 8,272.9 | 8,206.3 | 8,276.9 | 2.8 | 2.0 | 102.49 | 102.07 | 102.49 | 102.46 | 1.4 | 1.3 | 1.4 | 1.4 |
| 1998: $1 . . . . . . . . . . .$. | 8,396.3 | 8,286.6 | 8,405.4 | 6.1 | 4.0 | 102.76 | 102.09 | 102.76 | 102.73 | 1.1 | . 1 | 1.1 | 1.1 |
| II............ | 8,442.9 | $8,397.2$ | 8,448.7 | 2.2 | 5.4 | 103.02 | 102.26 | 103.01 | 102.98 | 1.0 | .7 | 1.0 | 1.0 |
| III ........... | $8,528.5$ | $8,454.9$ | $8,517.6$ | 4.1 | 2.8 | 103.38 | 102.54 | 103.38 | 103.34 | 1.4 | 1.1 | 1.4 | 1.4 |
| IV .......... | 8,667.9 | 8,588.5 | 8,662.0 | 6.7 | 6.5 | 103.66 | 102.84 | 103.65 | 103.62 | 1.1 | 1.2 | 1.1 | 1.1 |
| 1999: $1 . . . . . . . . . . .$. | 8,733.5 | 8,651.2 | $8,732.9$ | 3.1 | 3.0 | 104.10 | 103.21 | 104.12 | 104.08 | 1.7 | 1.5 | 1.8 | 1.8 |
| II ............ | 8,771.2 | 8,735.1 | 8,769.7 | 1.7 | 3.9 | 104.45 | 103.71 | 104.45 | 104.42 | 1.4 | 2.0 | 1.3 | 1.3 |
| III ........... | $8,871.5$ | 8,825.6 | $8,861.5$ | 4.7 | 4.2 | 104.81 | 104.23 | 104.80 | 104.77 | 1.4 | 2.0 | 1.4 | 1.4 |
| IV .......... | 9,049.9 | 8,956.3 | 9,047.9 | 8.3 | 6.1 | 105.28 | 104.80 | 105.22 | 105.18 | 1.8 | 2.2 | 1.6 | 1.6 |
| 2000: $1 . . . . . . . . . . .$. | 9,102.5 | $9,061.6$ | $9,089.1$ | 2.3 | 4.8 | 106.25 | 105.89 | 106.22 | 106.18 | 3.8 | 4.2 | 3.9 | 3.8 |
| II............ | 9,229.4 | $9,148.5$ | $9,217.7$ | 5.7 | 3.9 | 106.81 | 106.40 | 106.81 | 106.76 | 2.1 | 1.9 | 2.2 | 2.2 |
| III ........... | $9,260.1$ | $9,201.3$ | 9,247.2 | 1.3 | 2.3 | 107.31 | 107.02 | 107.31 | 107.27 | 1.9 | 2.3 | 1.9 | 1.9 |
| IV ........... | 9,303.9 | 9,256.7 | 9,311.7 | 1.9 | 2.4 | 107.78 | 107.47 | 107.78 | 107.74 | 1.8 | 1.7 | 1.8 | 1.8 |
| 2001: $1 . . . . . . . . . . .$. | 9,334.5 | 9,347.8 | 9,329.1 | 1.3 | 4.0 | 108.65 | 108.19 | 108.65 | 108.60 | 3.3 | 2.7 | 3.3 | 3.2 |
| $11 . . . . . . . . . .$. | 9,341.7 | 9,364.8 | 9,335.5 | . 3 | . 7 | 109.22 | 108.54 | 109.21 | 109.16 | 2.1 | 1.3 | 2.1 | 2.1 |
| III. ............ | 9,333.4 | 9,365.2 | 9,335.5 | -. 4 | 0 | 109.80 | 108.46 | 109.80 | 10.1 | 2.1 | -. 3 | 2.1 | .......... |

## 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 footrotes at the end of the table.

Table D.1.-Domestic Perspectives-Continued

|  | 1999 | 2000 | 2000 |  |  |  |  | 2001 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| Total new private construction put in place (billions of dollars) <br> Residential <br> Nonresidential | Construction (monthly data seasonally adjusted at amnual rates) ${ }^{4}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | $\begin{aligned} & 596.3 \\ & 350.6 \\ & 193.9 \end{aligned}$ | $\begin{aligned} & 640.6 \\ & 374.3 \\ & 210.1 \end{aligned}$ | $\begin{aligned} & 630.7 \\ & 364.0 \\ & 213.3 \end{aligned}$ | $\begin{aligned} & 638.9 \\ & 364.4 \\ & 214.0 \end{aligned}$ | $\begin{aligned} & 644.8 \\ & 370.3 \\ & 215.5 \end{aligned}$ | $\begin{aligned} & 651.1 \\ & 374.3 \\ & 275.3 \end{aligned}$ | $\begin{aligned} & 660.8 \\ & 379.6 \\ & 218.0 \end{aligned}$ | $\begin{aligned} & 673.7 \\ & 386.1 \\ & 223.8 \end{aligned}$ | $\begin{aligned} & 681.8 \\ & 3988 \\ & 220.9 \end{aligned}$ |  | 677.4392.2220.6 | 670.8394.3 | 665.3391.5210.5 |  | $\begin{aligned} & 646.4 \\ & 389.9 \\ & 195.9 \end{aligned}$ | 641.0385.4195.2 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 211.7 |  |  |  |  |
| Housing starts (thousands of units): <br> Total | $\begin{aligned} & 1,641 \\ & 1,302 \end{aligned}$ | $\begin{aligned} & 1,569 \\ & 1,231 \end{aligned}$ | 1,5311,228 | 1,508 | 1,5271,218 | 1,559 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1,532 | $\begin{aligned} & 1,666 \\ & 1,336 \end{aligned}$ | $\begin{aligned} & 1,623 \\ & 1,288 \end{aligned}$ | 1.592 | 1,626 | 1,6101,285 | 1,6341,292 | 1,6601,290 | 1,5481,260 | 1.574 |
|  |  |  |  | 1,196 |  | 1,209 | 1,236 |  |  | 1,208 | 1,295 |  |  |  |  | , 268 |
| New 1 -family houses sold (thousands of units) $\qquad$ | $880 \quad 877$ |  | 839 | 902 | 922 | 882 | 1,001 | 938 | 959 | 953 | 899 | 882 | 889 | 902 | 876 | 864 |
|  | Manufacturing and trade, inventories and sales (millions of dollars, monthly data seasonally adjusted) ${ }^{4}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Inventories: <br> Total manufacturing and trade $\qquad$ <br> Manufacturing <br> Merchant wholesalers <br> Retail trade. $\qquad$ $\qquad$ | $\left.\begin{array}{r} 1,125,068 \\ 451,956 \\ 285,702 \\ 387,410 \end{array} \right\rvert\,$ | $\begin{array}{r} 1,191,498 \\ 472,45 \\ 304,857 \\ 414,186 \end{array}$ | $\begin{array}{r} 1,193,488 \\ 478,477 \\ 301,315 \\ 413,696 \end{array}$ | $\left.\begin{array}{r} 1,193,106 \\ 439,034 \\ 300,721 \\ 413,151 \end{array} \right\rvert\,$ | $1,199,577$482,000301,573 416,004 | $\begin{array}{r} 1,204,041 \\ 483,892 \\ 302,662 \\ 417,487 \end{array}$ | $\begin{array}{r} 1,204,524 \\ 48,544 \\ 303,063 \\ 41,917 \end{array}$ | $1,206,745$ 485,307 302,222 <br> 419,216 | $\begin{array}{r} 1,203,367 \\ 48,363 \\ 301,541 \\ 417,473 \end{array}$ | $\begin{array}{r} 1,198,530 \\ 480,579 \\ 301,822 \\ 416,129 \end{array}$ | $1,196,694$479,659302,102 414,933 |  |  | $1,181,701$488,378299032414,291 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 1,194,840 | $\begin{array}{r} 1,187,715 \\ 47969 \\ 30, ., 869 \\ 413,879 \end{array}$ |  | $\begin{array}{r} 1,180,635 \\ \hline 265,269 \\ 298677 \\ 4+6,689 \end{array}$ |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 303,004 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 415,124 |  |  |  | .......... |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total manufacturing and trade.... |  |  | $\begin{aligned} & 847,083 \\ & 358,110 \\ & 231,472 \\ & 257,501 \\ & \hline \end{aligned}$ | $\begin{aligned} & 849,762 \\ & 357,996 \\ & 231,965 \\ & 259,801 \\ & \hline \end{aligned}$ | $\begin{aligned} & 847,1121 \\ & 355,921 \\ & 231.866 \\ & 259,325 \\ & \hline \end{aligned}$ | $\begin{aligned} & 843,384 \\ & 353,838 \\ & 231,623 \\ & 257,923 \\ & \hline \end{aligned}$ | $\begin{aligned} & 846,258 \\ & 354,689 \\ & 233,59 \\ & 257,979 \\ & 257,99 \end{aligned}$ | $\begin{aligned} & 843,035 \\ & 34,750 \\ & 233,90 \\ & 261,525 \\ & 262,5 \end{aligned}$ | $\begin{aligned} & 843,032 \\ & 347,983 \\ & 233,080 \\ & 261,969 \\ & \hline \end{aligned}$ | $\begin{aligned} & 837,800 \\ & 347,486 \\ & 229,619 \\ & 260,695 \\ & \hline \end{aligned}$ | $\begin{aligned} & 833,698 \\ & 339,031 \\ & 329,959 \\ & 264,708 \\ & \hline \end{aligned}$ | $\begin{aligned} & 841,208 \\ & 347,267 \\ & 228,919 \\ & 265,022 \\ & \hline \end{aligned}$ | $\begin{aligned} & 828,409 \\ & 337,322 \\ & 226,302 \\ & 264,785 \\ & \hline \end{aligned}$ | $\begin{aligned} & 831,772 \\ & 338,546 \\ & 227,918 \\ & 265,308 \\ & \hline \end{aligned}$ | $\begin{aligned} & 832,244 \\ & 336,735 \\ & 229,308 \\ & \hline 266,201 \\ & \hline \end{aligned}$ |  |
| Manufacturing............. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Retail trade................. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | strial prod | uction ind | xes and ca | acity utilizat | ion rates (m | monthly d | easona | djusted) ${ }^{2}$ |  |  |  |  |
| Industrial production indexes, 1992=100: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| By industry:Durable manutactures | 139.6 | 147.5 | 148.6 | 149.0 | 148.7 | $\begin{aligned} & 148.2 \\ & 196.7 \\ & 115.5 \end{aligned}$ | 147.3 | 146.0 | 145.4 | 145.0 | 144.6 | 144.2 | 142.8 | 142.7 | 141.8 | 140.3 |
|  | $\begin{aligned} & 175.6 \\ & 115.4 \end{aligned}$ | 193.4 <br> 116.9 <br> 129 | $\begin{aligned} & 196.9 \\ & 116.3 \end{aligned}$ | 198.4 | 197.6116.3 |  | 195.1 | 192.3 | 191.1 | 191.3 | 190.1 | 190.1 | 186.9 | 187.6 | 185.7 | 182.5 |
| Nondurable manufactures ... |  |  |  |  |  |  | 114.1 | 114.0 | 114.0 | 112.7 | 112.8 | 112.2 | 111.5 | 111.3 | 110.5 | 110.1 |
| By market category: Consumer goods. | 120.8 | 123.0 | 123.8 | 123.8 | 122.7 |  | 123.1 | 121.8 | 122.3 | 122.4 | 122.1 | 122.2 | 121.6 | 121.9 | 120.9 | 120.1 |
| Capacity utilization rates (percent): <br> Total industry <br> Manufacturing $\qquad$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | $\begin{aligned} & 81.2 \\ & 80.5 \\ & \hline \end{aligned}$ | $\begin{array}{r} 82.2 \\ 81.3 \\ \hline \end{array}$ | $\begin{aligned} & 82.6 \\ & 81.7 \end{aligned}$ | $\begin{array}{r} 82.4 \\ 81.7 \\ \hline \end{array}$ | $\begin{array}{r} 82.0 \\ 81.2 \\ \hline \end{array}$ | $\begin{aligned} & 81.4 \\ & 80.5 \\ & \hline \end{aligned}$ | $\begin{aligned} & 80.6 \\ & 79.3 \\ & \hline \end{aligned}$ | $\begin{array}{r} 79.7 \\ 78.4 \\ \hline \end{array}$ | $\begin{array}{r} 79.2 \\ 77.9 \\ \hline \end{array}$ | 77.3 | 76.9 | 78.076.6 | 75.6 | 75.5 | 74.8 | 75.5 <br> 73.8 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Credit market borrowing (billions of dollars, quatterly data seasonally adjusted at annual rates) ${ }^{2}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| All sectors, by instrument: Total | 2,203.1 | 1,775.3 | 1,687.9 |  |  | 1,842.1 |  |  | 1,893.2 |  |  |  |  |  |  |  |
| Open market paper........................................ | 229.9 | 207.6 | 169.7 | …........... | .... | 199.3 | .............. | ......... | -367.2 | ........... | ${ }^{\text {.................. }}$ | -232.5 |  | ........ | ............... |  |
| U.S. government securities ... | 520.7 | 137.6 | 288.6 | ............. |  | 282.2 | ............ | ........... | 428.3 | ............. | - | 455.2 | ............. |  | ............. |  |
| Municipal securities .... | 68.2 | 35.3 | 31.0 | ....... |  | 60.1 |  | ---7. | 106.9 | ......... |  | 113.9 |  | -............ | .-....... | $\cdots$ |
| Corporate and foreign bonds... | 457.9 | 429.8 | 468.0 | .............. | ........... | 442.6 | ............. | ......... | 893.7 | .......... | $\ldots$ | 617.4 | ....... | ........ | ....... | ......... |
| Bank loans, nec.................... | 68.9 162.0 | 144.1 145.3 | -52.2 | .............. | -........... | 115.8 | ……....... | $\ldots$ | ${ }_{83.7}$ | -......... | $\cdots$ | -156.5 | ............ | $\cdots$ | ............ |  |
| Mortgages.................... | 601.0 | 573.2 | 571.0 | ........... | ${ }^{-}$ | 551.3 | $\cdots$ | --......... | 555.6 | - | $\ldots$ | 839.4 | ......... | $\ldots$ |  |  |
| Consumer credit.................... | 94.4 | 132.3 | 122.5 |  |  | 123.7 |  |  | 158.1 |  |  | 72.8 |  |  | ..... |  |
| Sources: 3. Standard and Poor's, Inc. <br> 1. Bureau of Labor Statistics 4. Bureau of the Census <br> 2. Federal Reserve Board n.e.c. Not elsewhere classified |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## E. Charts

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

## SELECTED NIPA SERIES



## SELECTED NIPA SERIES



## SELECTED NIPA SERIES



## SELECTED NIPA SERIES




## SELECTED NIPA SERIES



SELECTED NPA SERIES


## OTHER INDICATORS OF THE DOMESTIC ECONOMY



Percent





## OTHER INDICATORS OF THE DOMESTIC ECONOMY









[^51]
## 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 19, 2001, and include "preliminary" estimates for August 2001 and "revised" estimates for July 2001. 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]

|  | 1999 | 2000 | 2000 |  |  |  |  |  | 2001 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July ${ }^{\text {' }}$ | Aug. ${ }^{\text {P }}$ |
| Exports of goods and services | 957,353 | 1,065,702 | 89,519 | 91,818 | 91,160 | 90,412 | 90,478 | 89,241 | 90,059 | 90,395 | 88,636 | 87,064 | 87,571 | 85,898 | 83,595 | 84,455 |
| Goods.............................. | 684,553 | 772,210 | 65,123 | 67,377 | 66,773 | 65,807 | 65,856 | 64,574 | 65,309 | 65,748 | 63,884 | 62,170 | 62,846 | 60,848 | 58,688 | 59,459 |
| Foods, feeds, and beverages | 45,532 | 47,452 | 4,058 | 4,151 | 4,018 | 4,001 | 3,940 | 14,913 | 3,952 | 4,136 | 4,228 | 4,129 | 3,979 | 3,915 | 3,894 | 4,143 |
| Industrial supplies and materials. | 147,000 | 171,932 | 14,047 | 14,733 | 15,140 | 14,971 | 15,076 | 14,302 | 14,303 | 14.453 | 14,398 | 13,983 | 13,885 | 13,468 | 12,835 | 13,322 |
| Capital goods, except automotive. | 310,874 | 357,034 | 30,853 | 31,596 | 31,181 | 30,586 | 30,678 | 30,203 | 31,216 | 31,260 | 29,356 | 27,916 | 28,269 | 27,027 | 26,324 | 25,752 |
| Automotive vehicles, engines, and parts ................... | 75,085 | 80,169 | 6.511 | 7,021 | 6.629 | 6.621 | 6.416 | 6,274 | 5,970 | 5,879 | 6,095 | 6.107 | 6,338 | 6,630 | 6,223 | 6,682 |
| Consumer goods (nonfood), except automotive ......... | 81,971 | 90,555 | 7.620 | 7,776 | 7,708 | 7,467 | 7,598 | 7,616 | 7,799 | 7,856 | 7,855 | 7,914 | 8,124 | 7,359 | 7,435 | 7,185 |
| Other goods ...................................................... | 35,336 $-11,244$ | 34,775 | 2.748 | 2,868 | 2,803 | 2,997 | 2,977 | 3,044 | 2,912 | 2,894 | 2,720 | 2,851 | 3,090 | 3,333 | 2,990 | 3,134 |
| Adjustments ${ }^{1}$..................................................... | -11,244 | -9,708 | -714 | -767 | -707 | -836 | -828 | -777 | -842 | -730 | -769 | -731 | -839 | -884 | -1,013 | -759 |
| Services. | 272,800 | 293,492 | 24,396 | 24,441 | 24,387 | 24,605 | 24,622 | 24,667 | 24,750 | 24,647 | 24,752 | 24,894 | 24,725 | 25,050 | 24,907 | 24,996 |
| Travel. | 74,731 | 82,042 | 6.801 | 6,688 | 6,737 | 6,701 | 6,842 | 6,849 | 6,939 | 6,908 | 6,930 | 6,974 | 6,764 | 6,965 | 6,897 | 6,970 |
| Passenger fares | 19,785 | 20,745 | 1,732 | 1,722 | 1.759 | 1,714 | 1,750 | 1,713 | 1,757 | 1,647 | 1,612 | 1,659 | 1.665 | 1,733 | 1,744 | 1,781 |
| Other transportation. | 26,916 | 30,185 | 2.485 | 2,546 | 2,562 | 2,614 | 2,541 | 2,454 | 2,516 | 2.422 | 2,480 | 2,424 | 2,372 | 2,364 | 2,331 | 2,319 |
| Royalties and license fees | 36,420 | 38,030 | 3,174 | 3,179 | 3,185 | 3,193 | 3,207 | 3.224 | 3,174 | 3,181 | 3,200 | 3,265 | 3,284 | 3,294 | 3,285 | 3,269 |
| Other private services. | 98,143 | 107,568 | 8,963 | 9,096 | 9,046 | 9,154 | 9,071 | 9,222 | 9,172 | 9,288 | 9,316 | 9,305 | 9,381 | 9,418 | 9,381 | 9,391 |
| Transfers under U.S. military agency sales contracts ${ }^{2}$ | 15,920 | 14,060 | 1,168 | 1,137 | 1,024 | 1,155 | 1,136 | 1,129 | 1,116 | 1,125 | 1,139 | 1,192 | 1,185 | 1,203 | 1,194 | 1,191 |
| U.S. Government miscellaneous services | 885 | 862 | 73 | 73 | 74 | 74 | 75 | 76 | 76 | 76 | 75 | 75 | 74 | 73 | 75 | 75 |
| Imports of goods and services. | 1,219,191 | 1,441,441 | 121,551 | 122,620 | 125,666 | 124,437 | 123,456 | 122,532 | 123,453 | 119,070 | 121,593 | 118,582 | 115,781 | 114,966 | 112,763 | 111,569 |
| Goods. | 1,029,987 | 1,224,417 | 103,214 | 104,215 | 106,455 | 106,012 | 104,811 | 103,935 | 104,436 | 100,362 | 102,665 | 99,826 | 97,295 | 96,401 | 94,526 | 93,271 |
| Foods, feeds, and beverages. | 43,579 | 45,975 | 3,899 | 3,921 | 3,893 | 3,824 | 3,943 | 3,813 | 3,919 | 3,817 | 3,728 | 3,745 | 3,747 | 3,938 | 4,065 | 3,920 |
| industrial supplies and materials. | 222,024 | 299,788 | 25,922 | 25,397 | 26,455 | 26.327 | 25,490 | 26,422 | 26,550 | 24,770 | 24,867 | 24,887 | 24,619 | 23,795 | 23,136 | 22,252 |
| Capital goods, except automotive... | 295,272 | 346,663 | 29,133 | 29,846 | 30,676 | 30,029 | 29,539 | 29,769 | 29,174 | 28,492 | 28,746 | 25,945 | 24,629 | 24,390 | 23,628 | 23,241 |
| Automotive vehicles, engines, and parts | 178,996 | 195,858 | 16,452 | 16,679 | 16,463 | 16,570 | 16,280 | 15,406 | 15,716 | 15,560 | 15,460 | 16,112 | 15,651 | 16,055 | 15,947 | 16,544 |
| Consumer goods (nonfood), except automotiv | 241,702 | 281,405 | 23,541 | 23,801 | 24,206 | 24,547 | 24,702 | 23,902 | 24,347 | 23,137 | 25,439 | 24,278 | 23,639 | 23,662 | 23,446 | 23,169 |
| Other goods | 43,046 | 48,333 | 4,048 | 4,206 | 4,132 | 4.106 | 4,205 | 4,077 | 4,151 | 4,000 | 3,814 | 4,256 | 4,222 | 3,970 | 4,077 | 3.878 |
| Adjustments ${ }^{\dagger}$..................................................... | 5,369 | 6,395 | 219 | 364 | 631 | 609 | 652 | 547 | 577 | 58 | , 610 | 604 | 788 | 591 | 228 | 267 |
| Services | 189,204 | 217,024 | 18,337 | 18,405 | 19,211 | 18,425 | 18,645 | 18,597 | 19,017 | 18,708 | 18,928 | 18,756 | 18,486 | 18,565 | 18,237 | 18,298 |
| Travel. | 58,865 | 64,537 | 5,414 | 5,285 | 5,376 | 5,245 | 5,356 | 5,339 | 5,333 | 5,325 | 5,502 | 5,493 | 5,324 | 5,418 | 5,243 | 5,267 |
| Passenger fares. | 21,315 | 24,197 | 2,075 | 2,053 | 2,098 | 1,953 | 2,030 | 2,037 | 1,966 | 1,963 | 2,024 | 2,154 | 2,062 | 2,190 | 2,221 | 2,238 |
| Other transportation. | 34,139 | 41,058 | 3,444 | 3.531 | 3,579 | 3,607 | 3,566 | 3.545 | 3,745 | 3,373 | 3,396 | 3,317 | 3,299 | 3,207 | 3,099 | 3,108 |
| Royalties and license fees ..................................... | 12,613 | 16,106 | 1,311 | 1.341 | 1,883 | 1,409 | 1,407 | 1,437 | 1,397 | 1,390 | 1,379 | 1,361 | 1,353 | 1,348 | 1,334 | 1,327 |
| Other private services. | 46,117 | 54,687 | 4,673 | 4,770 | 4,855 | 4,843 | 4,923 | 4,868 | 5,148 | 5,218 | 5,189 | 5,030 | 5,053 | 5,006 | 4,936 | 4,938 |
| Direct defense expenditures ${ }^{2}$................................. | 13,334 | 13,560 | 1,179 | 1,184 | 1,178 | 1,126 | 1,121 | 1,128 | 1,182 | 1,193 | 1,192 | 1,155 | 1,149 | 1,151 | 1,160 | 1,176 |
| U.S. Government miscellaneous services .................. | 2,821 | 2,879 | 241 | 241 | 242 | 242 | 242 | 243 | 246 | 246 | 246 | 246 | 246 | 245 | 244 | 244 |
| Memoranda: | -345,434 | -452,207 | -38,091 | -36,839 | -39.682 | -40,205 | -38.955 | -39,360 | $-39,126$ | -34,613 | -38,781 | -37,657 | -34,449 | -35,553 | -35,838 | -33,812 |
| Balance on goods | 83,596 | 76,468 | 6,059 | 6,036 | 5,176 | 6,180 | 5,977 | 6,070 | 5,733 | 5,939 | 5,824 | 6,138 | 6,239 | 6,485 | 6,670 | 6,698 |
| Balance on services. | -261,838 | -375,739 | -32,032 | -30,803 | -34,506 | -34,025 | -32,978 | -33,290 | -33,393 | -28,674 | -32,957 | -31,519 | -28,210 | -29,068 | -29,168 | -27,114 |
| Balance on goods and services ............................. | 957,353 | 1,065,702 | 89,519 | 91,818 | 91,160 | 90,412 | 90,478 | 89,241 | 90,059 | 90,395 | 88,636 | 87,064 | 87,571 | 85,898 | 83,595 | 84,455 |

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

1. Reflects adjustments necessary to bring the Census Bureau's component data in line with the concepts and
detinitions 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 | $(\text { Credits }+ \text {, debits }-)^{1}$ |
| :---: | :---: |
| 1 | Current account |
|  | Exports of goods and services and income receipts |
| 2 | Exports of goods and services. |
| 3 | Goods, balance of payments basis ${ }^{2}$. |
| 4 | Services ${ }^{3}$. |
| 5 | Transfers under U.S. military agency sales contracts ${ }^{4}$. |
| 6 | Travel. |
| 7 | Passenger fares |
| 8 | Other transportation.. |
| 9 | Royalties and license fees ${ }^{5}$ |
| 10 | Other private services ${ }^{5}$. |
| 12 | US. Government miscellaneous services |
| 13 | Income receipts on U.S.-owned assets abroad |
| 14 | Direct investment receipts............ |
| 15 | Other private receipts... |
| 16 | U.S. Government receipts |
| 17 | Compensation of employees |
| 18 | Imports of goods and services and income payments. |
| 19 | Imports of goods and services. |
| 20 | Goods, balance of payments basis ${ }^{2}$. |
| 21 | Services ${ }^{3}$................ |
| 22 | Direct defense expenditures. |
| 23 | Travel |
| 24 | Passenger fares |
| 25 | Other transportation. |
| 26 | Royalties and license fees ${ }^{5}$ |
| 27 | Other private services ${ }^{5}$ |
| 28 | U.S. Government miscellaneous services |
| 29 | Income payments.. |
| 30 | Income payments on foreign-owned assets in the United States ...................... |
| 31 | Direct investment payments. |
| 32 | Other private payments... |
| 33 | U.S. Government payments |
| 34 | Compensation of employees. |
| 35363738 | Unilateral current transfers, net |
|  | U.S. Government grants ${ }^{4}$. |
|  | U.S. Government pensions and other transfers |
|  | Private remittances and other transfers ${ }^{6}$ |
|  | Capital and financial account |
|  | Capital account |
| 39 | Capital account transactions, net |
|  | Financial account |
| 40 | U.S.-owned assets abroad, net (increase/financial outflow (-)) |
| 41 | U.S. official reserve assets, net. |
| 42 | Gold ${ }^{7}$ |
| 43 | Special drawing rights. |
| 44 | Reserve position in the International Monetary Fund |
| 45 | Foreign Currencies ....... |
| 46 | U.S. Government assets, other than official reserve assets, net........................... |
| 47 | U.S. credits and other long-term assets..................... |
| 48 | Repayments on U.S. credits and other long-term assets ${ }^{8}$ |
| 49 | U.S. foreign currency holdings and U.S. short-term assets, net ....................... |
| 50 | U.S. private assets, net |
| 51 | Direct investment.. |
| 52 | Foreign securities................................................................................ |
| 53. | U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns...... |
| 54 | U.S. claims reported by U.S. banks, not included elsewhere |
| 55 | Foreign-owned assets in the United States, net (increase/financial inflow( + ) ). |
| 56 | Foreign official assets in the United States, net.............. |
| 57 | U.S. Government securities... |
| 58 | U.S. Treasury Securities ${ }^{9}$. |
| 59 | Other ${ }^{10}$........................ |
| 60 | Other U.S. Government liabilities ${ }^{11}$. |
| 61 | U.S. liabilities reported by US banks, not included elsewhere ........................... |
| 62 | Other foreign official assets ${ }^{12}$................................................................ |
| 63 | Other foreign assets in the United States, net. |
| 64 | Direct investment.. |
| 65 | U.S. Treasury securities. |
| 66 | U.S. securities other than US Treasury securities .... |
| 67 | U.S. Currency ............................................. |
| 68 | U.S. tiabilities to unaffiliated foreigners reported by U.S. nonbanking concerns ... |
| 69 | U.S. liabilities reported by US banks, not included elsewhere ............................ |
| 70 | Statistical discrepancy (sum of above items with sign reversed). |
| 70a | Of which seasonal adjustment discrepancy..................................................... |
|  | Memoranda: |
| 71 | Balance on goods (lines 3 and 20). |
| 72 | Balance on services (lines 4 and 21)............... |
| 73 | Balance on goods and services (lines 2 and 19). |
| 74 | Balance on income (lines 12 and 29). |
| 75 | Unilateral current transters, net (line 35) ........................................ |
| 76 | Balance on current account (ines 1, 18 and 35 or lines 73, 74, and 75) ${ }^{13}$................ |


| 2000 | Not seasonally adjusted |  |  |  |  | Seasonally adjusted |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2000 |  |  | 2001 |  | 2000 |  |  | 2001 |  |
|  | II | III | IV | ' | 119 | II | ili | IV | Ir | 118 |
| 1,418,568 | 355,842 | 359,403 | 365,402 | 351,834 | 338,861 | 355,075 | 361,236 | 362,617 | 354,624 | 338,335 |
| 1,065,702 | 266,347 | 270,858 | 273,621 | 265,614 | 260,920 | 265,822 | 272,497 | 270,131 | 269,092 | 260,507 |
| 772,210 | 193,698 | 193,488 | 200,018 | 193,701 | 188,036 | 191,558 | 199,273 | 196,237 | 194,942 | 185,838 |
| 293,492 | 72,649 | 77,370 | 73,603 | 71,913 | 72,884 | 74,264 | 73,224 | 73,894 | 74,150 | 74,669 |
| 14,060 | 3,910 | 3,329 | 3,420 | 3,380 | 3.580 | 3,910 | 3.329 | 3.420 | 3,380 | 3,580 |
| 82,042 | 21,236 | 23,427 | 19,487 | 18,170 | 20,970 | 20,976 | 20.226 | 20,392 | 20,777 | 20,703 |
| 20,74 | 5,237 | 5,874 | 5,007 | 4,648 | 4,961 | 5,342 | 5,213 | 5,177 | 5,016 | 5,057 |
| 30,185 | 7,615 | 7,964 | 7,571 | 7,085 | 7,152 | 7,619 | 7,593 | 7,609 | 7,418 | 7,160 |
| 38,030 | 9,270 | 9,361 | 10,300 | 9,304 | 9,560 | 9,525 | 9,538 | 9.624 | 9,555 | 9,843 |
| 107,568 | 25,168 | 27,195 | 27,593 | 29,099 | 26.439 | 26,679 | 27,105 | 27.447 | 27,777 | 28,104 |
| 352,866 | 89,495 | 88,545 | 91,781 | 86,220 | 77,941 | 89,253 | 88,739 | 92,486 | 85,532 | 77,828 <br> 28 |
| 350,525 | 88,912 | 87,957 | 91, 186 | 85,606 | 77,322 | 88,670 | 88,151 | 91,891 | 84,918 | 77,209 |
| 149,240 | 37.955 | 37,046 | 38.930 | 37.706 | 35,511 | 37,591 | 37,335 | 39,581 | 37,081 | 35,320 |
| 197,440 | 49.941 | 49,971 | 51,514 | 46,920 | 41,096 | 49,941 | 49,971 | 51,514 | 46,920 | 41,096 |
| 3,845 2,341 | 1.016 <br> 583 | 940 588 | 742 595 | 980 614 | 715 619 | 1,138 583 |  | 796 595 | 917 614 | 793 619 |
| -1,809,099 | -452,269 | -471,062 | -465,770 | -440,072 | -434,064 | -450,748 | -463,461 | -462,268 | -454,668 | -432,766 |
| -1,441,441 | -357,643 | -377, 282 | -374,089 | -350,031 | -350,242 | -356,606 | -369,837 | -370,424 | -364,115 | -349,445 |
| -1,224,417 | -301,727 | -317,721 | -320,468 | -297.588 | -291.865 | -303.229 | -313,884 | -314,757 | -307,462 | -293,639 |
| -217,024 | -55,916 | -59,561 | -53,621 | -52,443 | -58,377 | -53,377 | -55,953 | -55,667 | -56,653 | -55,806 |
| -13,560 | -3,382 | -3,541 | -3,375 | -3,567 | -3,455 | -3,382 | -3,541 | -3,375 | -3,567 | -3,455 |
| -64,537 | -18.320 | -18,748 | -13,595 | -13,675 | -18,404 | -16,123 | -16,075 | -15,940 | -16,160 | -16,235 |
| -24,197 | ${ }^{-6,645}$ | -6,923 | -5,333 | -5.434 -10100 | $-6,944$ -9765 | $-6,146$ -10097 | ${ }^{-6,226}$ | -6,020 | -5,953 | -6,406 |
| -41,058 | $\begin{array}{r}-10,034 \\ -3644 \\ \hline\end{array}$ | -10,932 | $-10,787$ $-4,561$ | $-10,100$ $-4,070$ | $-9,765$ $-4,000$ | $-10,097$ $-3,715$ | -10.554 $-4,535$ | -10.718 -4.253 | -10.514 | -9,823 |
| $-54,687$ | -13,177 | -14,312 | -15,243 | -14,859 | -15,072 | -13,200 | -14,298 | -14,634 | -15,555 | -15,088 |
| -2,879 | -714 | -724 | -727 | -738 | -737 | -714 | -724 | -727 | -738 | -737 |
| -367,658 | -94,626 | -93,780 | -91,681 | -90,041 | -83,822 | -94,142 | -93,624 | -91,844 | -90,553 | -83,321 |
| -360,146 | -92,836 | -91,854 | -89,628 | -88,201 | -81,969 | -92,259 | -91,771 | -89,920 | -88,579 | -81,365 |
| -68,009 | -20,051 | -16,369 | -13,586 | -14,030 | -12,838 | -19,474 | -16,286 | -13,878 | -14,408 | -12,234 |
| -184,465 | -45,884 | -48,116 | -48,714 | -47,180 | -42,751 | -45,884 | $-48,116$ | -48,714 | -47,180 | -42,751 |
| -107,672 | -26,901 | -27,369 | -27.328 | -26,991 | -26,380 | -26,901 | -27,369 | -27,328 | -26,991 | -26,380 |
| -7,512 | -1,790 | -1,926 | -2,053 | -1,840 | -1,853 | -1,883 | -1,853 | -1,924 | -1.974 | -1,956 |
| -54,136 | -11,978 | -12,890 | -17,067 | -12,030 | -11,539 | -12,461 | -13,080 | -16,673 | -11,734 | -12,067 |
| -16,82 | -3,232 | -3,634 | -7,043 | -2,419 | -2,498 | -3,232 | -3,634 | -7,043 |  | -2.498 |
| -4,705 | -912 | -1,024 | -1,682 | -1,167 | -934 | -1,179 | -1,183 | -1,177 | -1,237 | -1,213 |
| -32,610 | -7,834 | -8,232 | -8,342 | -8,444 | -8,107 | -8,050 | -8,263 | -8,453 | -8,078 | -8,356 |
| 705 | 173 | 175 | 184 | 173 | 177 | 173 | 175 | 184 | 173 | 177 |
| -580,952 | -95,853 | -109,669 | -174,798 | -246,201 | -65,411 | -93,573 | -107,727 | -181,548 | -243,120 | -63,322 |
| -290 | 2,020 | -346 | -1,410 | 190 | -1,34 | 2,02 | -346 | -1,410 | 190 | -1,343 |
| -7 | -18 | -182 | -180 | -189 | -156 | -180 | -182 | -180 | -189 | -156 |
| 2,308 | 2,328 | 1,300 | -1,083 | 574 | -1,015 | 2,328 | 1,300 | -1,083 | 574 | -1,015 |
| -1,876 | -128 | -1,464 | -147 | -195 | -172 | -128 | -1,464 | -147 | -195 | -172 |
| -944 | -572 |  | -359 |  | -761 | -572 | 114 | -359 | , | -761 |
| -5,177 | -1.368 | -1,050 | -1,009 | -1,094 | -1,314 | -1,368 | -1,050 | -1,009 | -1,094 | -1,314 |
| 4,257 |  | 1,265 | 08 | 1,015 | 55 | 855 | 1,265 | 808 | ,015 | 55 |
|  |  | -101 | -158 | 100 |  |  | -101 | -158 | 100 | - ${ }^{-2}$ |
| -579,718 | -97,301 | -109,437 | -173,029 | $-246412$ | -63.307 | -95,021 | -107.495 | -179,779 | -243,331 | $-61,218$ -3560 |
| $-152,437$ $-124,935$ | $-35,626$ -39639 | $-43,576$ $-33,129$ | - 32.3201 | -44,021 | - 37.691 | $-33,346$ $-39,639$ | - $-31,634$ | - 39.070 | -40,940 | -35.602 |
| -163,846 | -29,491 | -14,585 | -44,514 | -61,011 | 13,433 | -29,491 | -14,585 | -44,514 | -61,011 | 13,433 |
| -138,500 | 7,455 | -18,147 | -71,574 | -109,789 | 9,191 | 7,455 | -18,147 | -71,574 | -109,789 | 9,191 |
| 1,024,218 | 250,178 | 223,317 | 293,538 | 347,052 | 188,467 | 250,007 | 222,108 | 295,321 | 346,660 | 188,002 |
| 37,619 | 6.447 | 12,247 | -3,573 | 4,898 | -22.430 | 6,447 | 2,247 | -3,573 | 4,898 | -22,430 |
| 30,676 | 6,334 | 5,271 | -5,240 | 2,547 | -10.849 | 6,334 | 5,271 | -5,240 | 2,547 | -10,849 |
| -10,233 | -4,000 | -9,001 | -13,436 | -1,027 | -20,781 | -4,000 | -9,001 | -13,436 | -1,027 | -20,781 |
| 40,909 | 10,334 | 14,272 | 8.196 | 3,574 | 9,932 | 10,334 | 14,272 | 8,196 | 3,574 | 9,932 |
| -1,987 | -1,000 | -220 | -293 | -1,246 | -1,138 | -1,000 | -220 | -293 | -1,246 | -7,138 |
| 5.803 |  | 6,884 | 980 | 2,594 | -11,471 | 09 | 6,884 | 980 | 2.594 | -11,471 |
| 3,127 |  | 312 | 980 | 1,003 | 1,028 | 904 | 312 | 980 | 1,003 | 1,028 |
| 986,599 | 243,731 | 211,070 | 297,111 | 342,154 | 210.897 | 243,560 | 209,861 | 298,894 | 341,762 | 210,432 |
| ${ }_{-52,792}^{287,655}$ | - ${ }^{90,565}$ | 77,255 $-12,503$ | 82,924 $-10,395$ | 52,864 | 67,628 | 90,394 -20.546 | 76,046 -12503 | 84,707 -10395 | 52,472 | 67,163 |
| 485,644 | 94,400 | 128,393 | 126,643 | 148,809 | 132.671 | 94,400 | 128,393 | 126,643 | 148,809 | 132,671 |
| 1,129 | 989 | 757 | 6,230 | 2,311 | 2.772 | 989 | 757 | 6.230 | 2,311 | 2,772 |
| 177,010 | 24,400 | 19,078 | 48,344 | 130,624 | -34,022 | 24,400 | 19,078 | 48,344 | 130,624 | -34,022 |
| 87,953 | 53,923 | -1,910 | 43,365 | 6,890 | 50,123 | 53,923 | -1,910 | 43,365 | 6,890 | 50,123 |
| 696 | -46,093 | 10,726 | -1,489 | -756 | -16,491 | -48,473 | 749 | 2,367 | 8,065 | $-18,359$ -1868 |
|  |  |  |  |  |  | -2,380 | -9,977 | 3,856 | 8,821 | -1,868 |
| -452,207 | -108,029 | -124,233 | -120,450 | -103,887 | -103,829 | -111,671 | -114,611 | -118.520 | -112,520 |  |
| 76,468 | 16.733 | 17,809 | 19,982 | 19,470 | 14,507 | 20,887 | 17,271 | 18,227 | 17,497 | 18,863 |
| -375,739 | -91,296 | -106,424 | -100,468 | -84,417 | -89,322 | -90,784 | -97,340 | -100,293 | -95,023 | -88,938 |
| -14,792 | -5.131 | -5,235 |  | -3,821 | -5.881 | -4,889 | -4,885 | 642 | -5,021 | -5,493 |
| -54.136 | -11,978 | -12,890 | -17,067 | -12,030 | -11,539 | -12,461 | -13,080 | -16,673 | -11,734 | -12,067 |
| -444,667 | -108,405 | -124,549 | -117,435 | -100,268 | -106,742 | -108.134 | -115,305 | -116,324 | -111,778 | -106.498 |

\section*{0

$r$
Revevised.}

1. Credits, +: Exports of goods and services and income receipts; unilateral current transfers to the United States: capital account transactions receipts; financial inflows-increase in foreign-owned assets (U.S. liabilities) or decrease 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; financial outtiows-decrease in foreign-owned assets (U.S. liabilities) or increase in U.S.-owned assets (U.S. claims.)
ments. excludes imports of goods under direct defense expendifures identsified in Census import documents and reflects various other adjustments (for valuation, coverage, and timing) of Census statistics to balance of
payments basis: see table 2 in "U.S. International Transactions, Second Quarter 2001" in the October 2001 issue of the Surve OF CURRENT BUSINESS.
2. Includes some goods: Mainly military equipment in line 4; major equipment, other materials, supplies, and petroleum products purchased abroad by U.S. military agencies in line 22; and fuels purchased by airline and steamship operators in lines 8 and 25.
3. Includes transters of goods and services under U.S. military grant programs.
4. Beginning in 1982, these lines are presented on a gross basis. The definition of exports is revised to exclude U.S. parents payments to foreign affiliates and to include U.S. aftimates receipts from toreign parents.
The definition of imports is revised to include U.S. parents' payments to foreign affiliates and to exclude U.S. affiliates' receipts from foreign parents.

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


[^52]Table F.3.-U.S. International Transactions, by Area-Continued
[Millions of dollars]

13. 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) includes adjustments to the international transactions accounts for he freatment of gold, (b) includes adjustments for the dimerent geographical treatment of transactions with U.S. territories and Puerto Rico, and (c) includes services furnished without payment by financial pension plans except life insurance carriers and private noninsured pension plans. A reconciliation of the balance on goods and services from the international accounts and the NIPA net exports appears in
reconciliation table 2 in appendix A in this issue. A reconciliation of the other foreign transactions in the two sets of accounts appears in table 4.5B of the full set of NIPA tables published annually in the August issue of the SURVEY.
14. The "European Union" includes the "European Union (6)," United Kingdom, Denmark, Ireland, Greece, Spain, and Portugal. Beginning with the first quarter of 1995, the "European Union" also includes Austria,
Finland, and Sweden.

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


[^53][^54]Table F.4-Private Services Transactions
[Millions of dollars]

| Line |  | 2000 | Not seasonally adjusted |  |  |  |  | Seasonally adjusted |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2000 |  |  | 2001 |  | 2000 |  |  | 2001 |  |
|  |  |  | 11 | III | IV | $1{ }^{1}$ | 118 | II | III | IV | $1{ }^{1}$ | 110 |
| 1 | Exports of private services. | 278,570 | 68,526 | 73,821 | 69,958 | 68,306 | 69,082 | 70,141 | 69,675 | 70,249 | 70,543 | 70,867 |
| 2 | Travel (table F2, line 6). | 82,042 | 21,236 | 23,427 | 19,487 | 18,170 | 20,970 | 20,976 | 20,226 | 20,392 | 20,777 | 20,703 |
| 3 | Passenger fares (table F2, line 7) | 20,745 | 5,237 | 5,874 | 5,007 | 4,648 | 4,961 | 5,342 | 5,213 | 5,177 | 5,016 | 5,057 |
| 4 | Other transportation (table F2, line 8) | 30,185 | 7,615 | 7,964 | 7,57¢ | 7,085 | 7,152 | 7,619 | 7,593 | 7,609 | 7,418 | 7,160 |
| 5 | Freight $\qquad$ | 13,236 <br> 16,950 | 3,319 | 3,342 | 3,388 | 3,093 | 3,082 | 3,297 | 3,372 | 3,333 | 3,139 4,279 | 3,062 |
| 6 | Port services | 16,950 | 4,296 | 4,622 | 4,183 | 3,992 | 4.070 | 4,322 | 4,221 | 4,276 | 4,279 | 4,098 |
| 7 | Royalties and license fees (table F2, line 9) | 38,030 | 9,270 | 9,361 | 10,300 | 9,304 | 9,560 | 9,525 | 9,538 | 9,624 | 9,555 | 9,843 |
| 8 | Affiliated.... | 26,621 | 6,447 | 6,485 | 7,365 | 6,301 | 6,485 | 6,702 | 6,662 | 6,689 | 6,552 | 6,768 |
| 9 | U.S. parents' receipts | 24,444 | 6,044 | 5,939 | 6,558 | 5.697 | 5,876 | 6,203 | 6.071 | 6.047 | 5.909 | 6,026 |
| 10 | U.S. affiliates' receipts. | 2,177 | 403 | 546 | 807 | 604 | 609 | 499 | 591 | 642 | 643 | 742 |
| 11 | Unaffiliated ................. | 11,409 | 2,823 | 2,876 | 2,935 | 3,003 | 3,075 | 2,823 | 2,876 | 2,935 | 3,003 | 3,075 |
| 12 | Industrial processes ${ }^{1}$ | 4,421 | 1,095 | 1,116 1,769 | 1,138 | 1,159 | 1,181 | +1,095 | 1,116 | 1,138 1,798 | 1,159 | 1,181 |
| 13 | Other ${ }^{2}$.................. | 6,987 | 1,728 | 1,759 | 1,798 | 1,843 | 1,894 | 1,728 | 1,759 | 1,798 | 1,843 | 1,894 |
| 14 | Other private services (table F2, line 10) ........................................... | 107,568 | 25,168 | 27,195 | 27,593 | 29,099 | 26,439 | 26,679 | 27,105 | 27,447 | 27,777 | 28,104 |
| 15 | Affiliated services ................................................................... | 31,628 | 7,505 | 7,797 | 8,872 | 8,495 | 8,485 | 7,738 | 7,954 | 8,212 | 8,786 | 8,767 |
| 16 | U.S. parents' receipts .............................................................. | 19,604 | 4,860 | 4,701 | 5,422 | 4,926 | 5,165 | 4,897 | 4,894 | 5,016 | 5,110 | 5,201 |
| 17 | U.S. affiliates' receipts. | 12,024 | 2,645 | 3,096 | 3,450 | 3,569 | 3,320 | 2,841 | 3,060 | 3,196 | 3,676 | 3.566 |
| 18 | Unaffiliated services ... | 75,940 | 17,663 | 19,398 | 18,721 | 20,604 | 17,954 | 18,941 | 19,151 | 19,235 | 18,991 | 19,337 |
| 19 | Education. | 10,287 | 1,292 | 2,778 | 2,114 | 4,365 | 1,377 | 2,540 | 2,608 | 2,668 | 2,649 | 2,726 |
| 20 | Financial services | 17,042 | 4,371 | 4,309 | 4,138 | 3,727 | 3,724 | 4,371 | 4,309 | 4,138 | 3,727 | 3,724 |
| 21 | Insurance, net.................................................................... | 2,412 | 595 | 671 | 667 | 770 | 796 | 595 | 671 | 667 | 770 | 796 |
| 22 | Premiums received | 8,898 | 2,182 | 2,294 | 2,375 | 2,425 | 2,456 | 2,182 | 2,294 | 2,375 | 2,425 | 2,456 |
| 23 | Losses paid. | 6,486 | 1,587 | 1,624 | 1,708 | 1,655 | 1,660 | 1.587 | 1,624 | 1,708 | 1.655 | 1,660 |
| 24 | Telecommunications. | 3,843 | 963 | 952 | 941 | 950 | 986 | 963 | 952 | 941 | 950 | 986 |
| 25 | Business, professional, and technical services............................. | 28,026 | 6,949 | 7,018 | 7,099 | 7,149 | 7,316 | 6,949 | 7,018 | 7,099 | 7.149 | 7,316 |
| 26 | Other unaffiliated services ${ }^{3}$.................................................... | 14,331 | 3,494 | 3,671 | 3,762 | 3,642 | 3,755 | 3,524 | 3,594 | 3,722 | 3,745 | 3,789 |
| 27 | Imports of private services ............................................................. | 200,585 | 51,820 | 55,296 | 49,519 | 48,138 | 54,185 | 49,281 | 51,688 | 51,565 | 52,348 | 51,614 |
| 28 | Travel (table F2, line 23) | 64,537 | 18,320 | 18,748 | 13,595 | 13,675 | 18,404 | 16,123 | 16,075 | 15,940 | 16,160 | 16,235 |
| 29 | Passenger fares (table F2, line 24) | 24,197 | 6,645 | 6,923 | 5,333 | 5,434 | 6,944 | 6,146 | 6,226 | 6,020 | 5,953 | 6,406 |
| 30 | Other transportation (table F2, line 25). | 41,058 | 10,034 | 10,932 | 10,787 | 10,100 | 9,765 | 10,097 | 10,554 | 10,718 | 10,514 | 9,823 |
| 31 | Freight. | 26,979 | 6.530 | 7,243 | 7.192 | 6,791 | 6,325 | 6,548 | 6,977 | 7.171 | 7,088 | 6,341 |
| 32 | Port services | 14,083 | 3,504 | 3,689 | 3,595 | 3,309 | 3,440 | 3,549 | 3,577 | 3,547 | 3,426 | 3,482 |
| 33 | Royalties and license fees (table F2, line 26). | 16,106 | 3,644 | 4,381 | 4,561 | 4,070 | 4,000 | 3,715 | 4.535 | 4,253 | 4,166 | 4,062 |
| 34 | Affiliated .............................................................................. | 12,170 | 2,807 | 3,001 | 3,645 | 3,174 | 3,084 | 2.878 | 3,155 | 3,337 | 3,270 | 3,146 |
| 35 | U.S. parents' payments | 2,184 | 530 | 542 | 570 | 539 | 563 | 530 | 542 | 570 | 539 | 563 |
| 36 | U.S. affiliates' payments | 9,986 | 2,277 | 2,459 | 3,075 | 2,635 | 2,521 | 2,348 | 2,613 | 2,767 | 2.731 | 2,583 |
| 37 | Unaffiliated ................ | 3,936 | 837 | +,380 | 916 | 896 | 916 | 837 | 1,380 | 916 | 896 | 916 |
| 38 39 | Industrial processes ${ }^{1}$........................................................... | 1,852 2,084 | 459 378 | 464 916 | 472 444 | 486 | 501 415 | 459 | 464 916 | 472 444 | 486 | 501 415 |
| 39 | Other ${ }^{2}$................................................................................. | 2,084 | 378 | 916 | 444 | 410 | 415 | 378 | 916 | 444 | 410 | 415 |
| 40 | Other private services (table F2, line 27) | 54,687 | 13,177 | 14,312 | 15,243 | 14,859 | 15,072 | 13,200 | 14,298 | 14,634 | 15,555 | 15,088 |
| 41 | Affiliated services... | 25,300 | 6,041 | 6,333 | 7,222 | 6,899 | 6,988 | 6,065 | 6,464 | 6,568 | 7.476 | 7,005 |
| 42 | U.S. parents' payments | 12,980 | 3,138 | 3,205 | 3,528 | 3,130 | 3,556 | 3,140 | 3.304 | 3,098 | 3,462 | 3,563 |
| 43 | U.S. affiliates' payments ....................................................... | 12,320 | 2,903 | 3,128 | 3,694 | 3,769 | 3,432 | 2,925 | 3,160 | 3,470 | 4,014 | 3,442 |
| 44 | Unatfiliated services. | 29,387 | 7,136 | 7,979 | 8,021 | 7,960 | 8,084 | 7,135 | 7,834 | 8,066 | 8,079 | 8,083 |
| 45 | Education.. | 2,140 | 525 | 689 | 526 | 466 | 611 | 524 | 544 | 570 | 585 | 610 |
| 46 | Financial services | 4,482 | 1,157 | 1,195 | 1,027 | 1,104 | 1,069 | 1,157 | 1.195 | 1,027 | 1,104 | 1,069 |
| 47 | Insurance, net...... | 9.189 | 2,058 | 2,730 | 3,167 | 3,100 | 3,122 | 2,058 | 2,730 | 3,167 | 3,100 | 3,122 |
| 48 | Premiums paid.... | 27,923 | 6,809 | 7,242 | 7,569 | 7,791 | 7.951 | 6,809 | 7,242 | 7,569 | 7.791 | 7,951 |
| 49 | Losses recovered | 18,734 | 4,750 | 4,512 | 4,401 | 4,691 | 4,829 | 4,750 | 4,512 | 4,401 | 4.691 | 4,829 |
| 50 | Telecommunications. | 5,360 | 1,337 | 1,331 | 1,283 | 1,252 | 1,217 | 1,337 | 1,331 | 1,283 | 1,252 | 1,217 |
| 51 | Business, professional, and technical services............................ | 7,776 | 1,949 | 1,925 | 1,905 | 1,936 | 1,950 | 1,949 | 1,925 | 1,905 | 1,936 | 1,950 |
| 52 | Other unaffiliated services ${ }^{3}$.................................................... | 440 | 110 | 109 | 113 | 102 | 116 | 110 | 109 | 113 | 102 | 116 |
|  | Memoranda: |  |  |  |  |  |  |  |  |  |  |  |
| 53 | Balance on goods (table F2, line 71) ....................................................... | -452,207 | -108,029 | -124,233 | -120,450 | $-103,887$ | -103,829 | -111,671 | -114,611 | -118,520 | -112.520 | -107,801 |
| 54 | Balance on private services (line 1 minus line 27)................................. | 77,985 | 16,706 | 18,525 | 20,439 | 20,168 | 14,897 | 20,860 | 17,987 | 18,684 | 18,195 | 19,253 |
| 55 | Balance on goods and private services (lines 53 and 54)......................... | -374.222 | -91,323 | -105,708 | -100,011 | -83,719 | -88,932 | -90,811 | -96,624 | -99,836 | -94.325 | -88,548 |
| $\rho$ Preliminary. <br> ${ }^{r}$ Revised. <br> 1. Patented techniques, processes, and formulas and other intangible property rights that are used in goods production. <br> 2. 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 inter- |  |  |  | national organizations in the United States and film and television tape rentals. Payments (imports) include mainly expenditures of U.S. residents temporarily working abroad and film and television tape rentals. |  |  |  |  |  |  |  |  |
|  |  |  |  | Note.- The data in this table are from table 3 in "U.S. International Transactions, Second Quarter 2001" in the October 2001 issue of the SURVEY, which presents the most recent estimates from the U.S. international transactions accounts. |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## G. Investment Tables

Table G.1.-International Investment Position of the United States at Yearend, 1999 and 2000
[Millions of dollars]

| Line | Type of investment | Position,$1999^{\prime}$ | Changes in position in 2000 (decrease (-)) |  |  |  |  | Position,$2000^{P}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Attributable to: |  |  |  | $\begin{gathered} \text { Total } \\ (a+b+c+d) \end{gathered}$ |  |
|  |  |  | Financial flows <br> (a) | Valuation adjustments |  |  |  |  |
|  |  |  |  | Price changes <br> (b) | Exchange rate changes ${ }^{1}$ <br> (c) | Other changes ${ }^{2}$ <br> (d) |  |  |
|  | Net international investment position of the United States: |  |  |  |  |  |  |  |
| 1 | With direct investment positions at current cost (line 3 less line 24) | -1,099,786 | -443,266 | -189,189 | -161,397 | 50,975 | -742,877 | -1,842,663 |
| 2 | With direct investment positions at market value (line 4 less line 25) | -1,525,347 | -443,266 | -42,232 | -233,846 | 57,247 | -662,097 | -2,187,444 |
|  | U.S.-owned assets abroad: |  |  |  |  |  |  |  |
| 4 | With direct investment positions at market value (lines $5+10+16$ ) ... | 7,906,320 | 580,952 | -162,350 | $-194,351$ $-264,903$ | 31,802 | - 246,528 | 7,189,792 |
| 5 | U.S. official reserve assets | 136,418 | 290 | -4,134 | -4,157 | -17 | -8,018 | 128,400 |
| 6 | Gold | 75,950 |  | ${ }^{3}-4,134$ |  | ${ }^{4}-17$ | -4,151 | 71,799 |
| 7 | Special drawing rights | 10,336 | 722 |  | -519 |  | 203 | 10,539 |
| 8 | Reserve position in the International Monetary Fund | 17,950 | -2,308 |  | -818 | .............. | -3,126 | 14,824 |
| 9 | Foreign currencies .................................................. | 32,182 | 1,876 |  | -2,820 |  | -944 | 31,238 |
| 10 | U.S. Government assets, other than official reserve assets ... | 84,227 | 944 |  |  |  | 944 | 85,171 |
| 11 | U.S. credits and other long-term assets ${ }^{5}$...................................... | 81,657 | 920 | ............... | .............. | ............... | 920 | 82,577 |
| 12 | Repayable in dollars ................................................................ | 81,367 | 929 | .............. | .............. | .............. | 929 | 82,296 |
| 13 |  | 290 | -9 |  |  |  | -9 | 281 |
| 14 | U.S. foreign currency holdings and U.S. shor-term assets ................... | 2,570 | 24 |  |  |  | 24 | 2,594 |
|  | U.S. private assets: |  |  |  |  |  |  |  |
| 15 | With direct investment at current cost (lines $17+19+22+23)$............. | 5,700,454 | 579,718 | -158,216 | -190,194 | 21,879 | 253,187 | 5,953,641 |
| 16 | With direct investment at market value (lines $18+19+22+23$ ) ............. | 6,985,675 | 579,718 | -360,352 | -260,746 | 31,926 | -9,454 | 6,976,221 |
|  | Direct investment abroad: |  |  |  |  |  |  |  |
| 17 | At current cost | 1,327,954 | 152,437 | 6,128 | -21,975 | -19,367 | 117,223 | 1,445,177 |
| 18 | At market value | 2,613,175 | 152,437 | -196,008 | -92,527 | -9,320 | -145,418 | 2,467,757 |
| 19 | Foreign securities .................................................................... | 2,604,383 | 124,935 | -164,344 | -158,470 | .............. | -197,879 | 2,406,504 |
| 20 | Bonds | 577,745 | 25,200 | -10,672 | -14,579 | ........ | -51 | 577,694 |
| 21 | Corporate stocks | 2,026,638 | 99,735 | -153,672 | -143,891 | ............... | -197,828 | 1,828,810 |
| 22 | U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns $\qquad$ | 667,732 | 163,846 |  | -6,327 |  | 157,519 | 825,251 |
| 23 | U.S. claims reported by U.S. banks, not included elsewhere ................ | 1,100,385 | 138,500 | $\ldots$ | -3,422 | 41,246 | 176,324 | 1,276,709 |
|  | Foreign-owned assets in the United States: |  |  |  |  |  |  |  |
| 25 | With direct investment at market value (lines $26+34$ ) .......................... | $\begin{aligned} & 7,020,885 \\ & 8,731,667 \end{aligned}$ | 1,024,218 | -362,254 | -32,954 | $-29,113$ $-25,338$ | $988,990$ | $\begin{aligned} & 8,009,875 \\ & 9,377,236 \end{aligned}$ |
| 26 | Foreign official assets in the United States | 870,364 | 37,619 | 14,446 |  |  | 52,065 | 922,429 |
| 27 | U.S. Government securities ....................................................... | 628,907 | 30,676 | 17,314 | ............. | .............. | 47,990 | 676,897 |
| 28 | U.S. Treasury securities | 578,225 | -10,233 | 14,352 | ....... |  | 4,119 | 582,344 |
| 29 | Other | 50,682 | 40,909 | 2,962 |  |  | 43,871 | 94,553 |
| 30 | Other U.S. Government liabilities ${ }^{7}$-.............................................. | 15,486 | -1,987 |  | ........... | .............. | -1,987 | 13,499 |
| 31 | U.S. liabilities reported by U.S. banks, not included elsewhere .............. | ${ }^{138,847}$ | 5.803 |  | ............... | ............... | 5,803 | 144,650 |
| 32 | Other foreign official assets ............................................................... | 87,124 | 3,127 | -2,868 | .............. | ............. | 259 | 87,383 |
|  | Other foreign assets: |  |  |  |  |  |  |  |
| 33 | With direct investment at current cost (ines $35+37+38+41+42+43$ ) $\ldots$ | 6,150,521 | 986,599 | 12,393 | $-32,954$ | -29,113 | 936,925 | 7,087,446 |
| 34 | With direct investment at market value (lines $36+37+38+41+42+43$ ) | 7,861,303 | 986,599 | $-336,700$ | -31,057 | -25,338 | 593,504 | 8,454,807 |
|  | Direct investment in the United States: |  |  |  |  |  |  |  |
| 35 | At current cost | 1,094,439 | 287,655 | 102 | -1,897 | -10,794 | 275,066 | 1,369,505 |
| 36 | At market value .................................................................. | 2,805,221 | 287,655 | -348,991 |  | -7,019 | -68,355 | 2,736,866 |
| 37 | U.S. Treasury securities ........................................................... | 660,693 | -52,792 | 31,783 |  |  | -21,009 | 639,684 |
| 38 | U.S. securities other than U.S. Treasury securities .............................. | 2,522,009 | 485,644 | -19,492 | -24,188 | ….......... | 441,964 | 2,963,973 |
| 39 | Corporate and other bonds ................................. | 1,061,924 | 292,904 | 43,619 | -24,188 |  | 312,335 | 1,374,259 |
| 40 | Corporate stocks. | 1,460,085 | 192,740 | -63,111 |  |  | 129,629 | 1,589,714 |
| 41 | U.S.currency . | 250,657 | 1,129 |  | ........ | ............ | 1,129 | 251,786 |
| 42 | U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns | 555,566 | 177,010 |  | -1,519 | -8,319 | 167,172 | 722,738 |
| 43 | U.S. liabilities reported by U.S. banks, not included elsewhere ............. | 1,067,157 | 87,953 | .............. | -5,350 | -10,000 | 72,603 | 1,139,760 |

## ${ }^{n}$ Preliminary <br> ${ }^{r}$ Reveliminad.

1. Represents gains or losses on foreign-currency-denominated assets due to their revaluation at current exchange rates.
2. Includes changes in coverage, statistical discrepancies, and other adjustments to the value
of assets.
3. Reflects changes in the value of the official gold stock due to fluctuations in the market price of gold.
4. Reflects changes in gold stock from U.S. Treasury sales of gold medallions and commemomonetizations/monetizations are not inctuded in international transactions financial flows.
5. Also includes paid-in capital subscriptions to international financial institutions and outstanding amounts of miscellaneous claims that have been settled through international agreements to be payable to the U.S. Government over periods in excess of 1 year. Excludes World War I debts that are not being serviced.
6. Includes indebtedness that the borrower may contractually, or at its option, repay with its currency, with a third country's currency, or by delivery of materials or transfer of services. actions arranged with or through foreign official agencies.

NOTE.-The data in this table are from table 1 in "The International Investment Position of
ne United States at Yearend 2000." in the July 2001 issue of the SURVEY OF CURRENT BUSINESS.

Table G.2.-U.S. Direct Investment Abroad: Selected Items, by Country and by Industry of Foreign Affiliate, 1998-2000
[Millions of dollars]

|  | Direct investment position on a historical-cost basis |  |  | Capital outilows (inflows ( - ) |  |  | Income |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1998 | 1999 | 2000 | 1998 | 1999 | 2000 | 1998 | 1999 | 2000 |
| All countries, all industries.. | 1,000,703 | 1,130,789 | 1,244,654 | 131,004 | 142,551 | 139,257 | 90,676 | 109,179 | 134,787 |
| By country |  |  |  |  |  |  |  |  |  |
| Canada .. | 98,200 | 111,051 | 126,421 | 7,832 | 15,947 | 18,301 | 7,601 | 11,986 | 14,518 |
| Europe | 518,433 | 588,341 | 648,731 | 86,129 | 82,016 | 76,935 | 50,695 | 55,982 | 67,154 |
| France. | 42.328 | $\begin{array}{r} 40,009 \\ 50,892 \end{array}$ | $\begin{aligned} & 39,087 \\ & 53,610 \end{aligned}$ | $\begin{aligned} & 4,323 \\ & 3,051 \end{aligned}$ | $\begin{aligned} & 1,585 \\ & 5,796 \end{aligned}$ | $\begin{array}{r} 1,220 \\ 2,173 \\ \hline, 2 \end{array}$ | $\begin{aligned} & 2,164 \\ & 5,081 \end{aligned}$ | $1,722$ |  |
| Germany. | 47,685 |  |  |  |  |  |  |  | 2,406 4,350 |
| Netherlands. | 89,978 | 105,571 | -115,506 | 22,213 | 8,337 | 10,927 | 10,078 | 11,315 | 11,8887 |
| Switzerland. | 183,035 | 48,849 | 233,384 | 29,094 | 35,019 | 8,578 | 6,152 | 6,759 |  |
| United Kingdom............................................................................... |  | 212,007 |  |  |  | 28,976 | 11,852 | 14,604 | 1,161 21,833 |
| Latin America and Other Western Hemisphere...... | 196,755 | 220,705 | 239,388 | 16,699 | 20,601 | 19,947 | 17,019 | 18,909 | 19,116 |
| Of which: |  |  |  |  |  |  |  |  |  |
| Brazil....................................................................... | 37,195 | 34,276 | $\begin{aligned} & 54,114 \\ & 35,560 \end{aligned}$ | $\begin{aligned} & 2,358 \\ & 4,382 \end{aligned}$ | $\begin{aligned} & 4,025 \\ & 1,291 \\ & 5,084 \end{aligned}$ | $\begin{aligned} & 7,507 \\ & 2,285 \\ & 3,542 \end{aligned}$ | $\begin{aligned} & 3,658 \\ & 2,807 \\ & 3,760 \end{aligned}$ | 1,586 | 5,7931,8034,258 |
| Mexico.. | 26,657 | 32,262 | 35,414 | 4,593 <br> 682 |  |  |  | 4,507 |  |
| Panama. | 25,924 | 33,027 | 35,407 |  | $\begin{aligned} & 5,084 \\ & 1,834 \end{aligned}$ | 1,819 | 1,823 | 2,077 | 1,325 |
| Africa... | 14,061 | 14,884 | 15,813 | 3,075 | 1,611 | 1,149 | 1,399 | 2,016 | 2,973 |
| Middle East. | 10,739 | 10,519 | 11,851 | 2,092 | 611 | 1,920 | 1,021 | 1,139 | 2,117 |
| Asia and Pacific... | 159,678 | 181,882 | 199,599 | 14,715 | 20,992 | 20,951 | 12,380 | 18,984 | 28,881 |
| Of which: |  |  |  |  |  |  |  |  |  |
| Australia................................................................ | $\begin{aligned} & 31,483 \\ & 41,423 \end{aligned}$ | $\begin{aligned} & 34,776 \\ & 49,438 \end{aligned}$ | $\begin{aligned} & 35,324 \\ & 55,606 \end{aligned}$ | $\begin{aligned} & 6,284 \\ & 6,428 \end{aligned}$ | $\begin{array}{r} 4,100 \\ 5,179 \end{array}$ | 1,4648,060 | 1,9082,010 | 2,4664,130 | 3,6257,266 |
|  |  |  |  |  |  |  |  |  |  |
| International.. | 2,837 | 3,406 | 2,851 | 462 | 773 | 53 | 561 | 163 | 27 |
| By industry |  |  |  |  |  |  |  |  |  |
| Petroleum. | 91,248 | 97,864 | 105,486 | 7,491 | 11,676 | 10,403 | 7,227 | 10,094 | 18,524 |
| Manufacturing | $\begin{array}{r}290,070 \\ 35,304 \\ \hline\end{array}$ | $\begin{array}{r}312,072 \\ 35,151 \\ \hline\end{array}$ | $\begin{array}{r} 343,992 \\ 36,840 \end{array}$ | $\begin{array}{r}23,122 \\ 2,13 \\ \hline\end{array}$ | $\begin{array}{r}34,102 \\ \hline 257 \\ \hline\end{array}$ | 44,1012,645 | 29,6834,305 | 33,9663,805 | 39,2683,847 |
| Food and kindred products... |  |  |  |  |  |  |  |  |  |
| Chemicals and allied products..................................... | 79,446 <br> 18,379 | 83,524 <br> 18,930 | 86,081 <br> 18,713 | 6,1102,897 | 7,960 | 4,210 | 8.213 | 9,356 | 9,9951,709 |
| Primary and fabricated metals..................................... |  |  |  |  | 1,213 |  | 1,2345,699 | 1,432 |  |
| Industrial machinery and equipment .............................. | 30,92832077 | 34,94437,474 | 42,523 <br> 43,441 | 1,789 <br> 2,820 | 4,877 | 9,113 |  | 4,379 | 6,8395,177 |
| Electronic and other electric equipment. |  |  |  |  | 5,716 |  | 2,053 | 4,153 |  |
| Transportation equipment......................................... | 33,88$\mathbf{3 3 0 , 0 4 8}$ | $\begin{aligned} & 36,133 \\ & 65,916 \end{aligned}$ | $\begin{aligned} & 41,099 \\ & 75,294 \end{aligned}$ | $\begin{array}{r} -1,356 \\ 8,728 \end{array}$ | $\left.\begin{aligned} & 5,736 \\ & 8,344 \end{aligned} \right\rvert\,$ | $\begin{array}{r} 7,254 \\ 11,882 \end{array}$ | 2.4175,762 | 4,556 <br> 6.284 | 3.6468,055 |
| Other manufacturing....................................................... |  |  |  |  |  |  |  |  |  |
| Wholesale trade.. | 68,742 | 80,254 | 88,090 | 5,524 | 11,849 | 10,288 | 8,992 | 10,477 | 13,079 |
| Depository institutions .... | 40,020 | 38,382 | 37,155 | 2,112 | -1,338 | -2,306 | 734 | 1,655 | 1,788 |
| Finance, (except depository institutions), insurance, and real estate $\qquad$ | 375,368 | 443,263 | 497,267 | 62,229 | 55,011 | 58,344 | 34,765 | 41,429 | 50,996 |
| Services ............... | 59,148 | 70,398 | 79,857 | 11,934 | 11,632 | 11,455 | 6,089 | 8,486 | 8,738 |
| Other industries.......................................................... | 76,108 | 88,556 | 92,809 | 18,591 | 19,618 | 6,971 | 3,186 | 3,072 | 2,395 |
| Note.-In this table, unlike in the international transactions accoun outilows are shown without a current-cost adjustment, and inco holding taxes. In addition, unfike in the international investment pos position is valued at historical cost. | unts, income is shown ne n, the direct if | and capital tof withivestment | The da Historical issue of th | in this table st Position Survey of C | from tables <br> Related C <br> Rent Busin | and 17 in tal and Inco | S. Direct In Flows, 200 | tment Abro in the Sept | Detail for ber 2001 |

Table G.3.-Selected Financial and Operating Data for Nonbank Foreign Affiliates and Majority-Owned Nonbank Foreign Affiliates of U.S. Companies by Country and by Industry of Affiliate, 1998

|  | All nonbank affiliates |  |  |  |  |  | Majority-owned nonbank foreign affiliates (MOFA's) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Millions of dollars |  |  |  |  | Thousands of ees ees | Millions of dollars |  |  |  |  |  | Thousands ofemployees |
|  | Total assets | Sales | $\begin{gathered} \text { Net } \\ \text { income } \end{gathered}$ | U.S. exports of goods shipped to atfiliates | U.S. imports of goods shipped by attiliates |  | Total assets | Sales | Net income | Gross product | U.S. exports of goods shipped to MOFA's | U.S. imports of goods shipped by MOFA's |  |
| All countries, all industries By country | 4,000,842 | 2,443,350 | 155,292 | 217,153 | 187,610 | 8,388.0 | 3,434,808 | 2,027,782 | 136,957 | 510,735 | 210,634 | 178,150 | 6,899.9 |
| Canada ........................................ | 313,647 | 263,849 | 10,666 | 67,776 | 70,577 | 935.3 | 284,995 | 242,668 | 9,992 | 54,739 | 65,988 | 67,601 | 862.1 |
| Europe $\qquad$ Of which: | 2,302,253 | 1,331,199 | 90,889 | 63,782 | 36,638 | 3,532.2 | 2,093,970 | 1,148,312 | 84,422 | 303,505 | 62,802 | 35,463 | 3,145.2 |
| France .................................. | 171,797 | 141,586 | 4,391 | (D) | 3,907 | 501.1 | 146,118 | 123,941 | 4,538 | 35,915 | 5,362 | 3,729 | 447.9 |
| Germany | 279,338 | 253,825 | 11,759 | 8,322 | 4,542 | 643.1 | 233,313 | 188,259 | 9,820 | 56,464 | 8,304 | 4,519 | 590.0 |
| Netherlands ................................. | 244,324 | 140,385 | 16,601 | (D) | (D) | 179.9 | 226,984 | 118,114 | 14,904 | 20,243 | ${ }^{13,605}$ | 2,739 | 167.5 |
| United Kingdom ........................ | 1,025,588 | 366,114 | 15,646 | 13,839 | 9,924 | 1,038.7 | 973,745 | 334,572 | 16,128 | 90,735 | 13,803 | 9,854 | 953.5 |
| Latin America and Other Western Hemisphere $\qquad$ Of which: | 570,042 | 297,670 | 31,792 | 37,081 | 37,759 | 1,807.4 | 434,375 | 230,736 | 22,728 | 61,336 | 35,677 | 36,271 | 1,416.4 |
| Brazil $\qquad$ Mexico | $\begin{array}{r} 129,977 \\ 99,105 \end{array}$ | $\begin{aligned} & 83,715 \\ & 98,344 \end{aligned}$ | $\begin{aligned} & 5,003 \\ & 8,861 \end{aligned}$ | $\begin{array}{r} 4,168 \\ 24,660 \end{array}$ | $\begin{array}{r} 2,882 \\ 27,223 \end{array}$ | $\begin{array}{r} 395.1 \\ 907.1 \end{array}$ | $\begin{aligned} & 84,673 \\ & 55,006 \end{aligned}$ | $\begin{aligned} & 64,555 \\ & 65,147 \end{aligned}$ | $\begin{aligned} & 3,239 \\ & 4,114 \end{aligned}$ | $\begin{aligned} & 21,922 \\ & 13,961 \end{aligned}$ | $\begin{array}{r} 4,015 \\ 23,802 \end{array}$ | $\begin{array}{r} 2,753 \\ 26,061 \end{array}$ | $\begin{aligned} & 341.5 \\ & 668.9 \end{aligned}$ |
| Africa .......................................... | 47,990 | 28,033 | 2,155 | 887 | ${ }^{\text {( })}$ | 202.9 | 35,867 | 20,830 | 1,551 | 6,752 | 856 | 1,542 | 111.2 |
| Middle East .................................. | 40,169 | 22,443 | 1,506 | 938 | (D) | 88.6 | 16,591 | 9,340 | 784 | 3,764 | 696 | 855 | 49.5 |
| Asia and Pacific $\qquad$ Of which: | 707,708 | 492,388 | 17,224 | 46,689 | 39,734 | 1,810.8 | 558,121 | 371,509 | 16,796 | 79,129 | 44,615 | 36,419 | 1,305.4 |
| Australia $\qquad$ <br> Japan $\qquad$ | $\begin{array}{r} 96,615 \\ 298,485 \end{array}$ | $\begin{array}{r} 65,874 \\ 182,288 \end{array}$ | $\begin{aligned} & 2,629 \\ & 4,006 \end{aligned}$ | $\begin{array}{r} 4,761 \\ 13,514 \end{array}$ | $\begin{aligned} & 1,290 \\ & 4,773 \end{aligned}$ | $\begin{aligned} & 291.0 \\ & 404.2 \end{aligned}$ | $\begin{array}{r} 75,555 \\ 232,322 \end{array}$ | $\begin{array}{r} 52,315 \\ 103,644 \end{array}$ | $\begin{aligned} & 2,209 \\ & 3,133 \end{aligned}$ | $\begin{aligned} & 16,756 \\ & 23,648 \end{aligned}$ | $\begin{array}{r} 4,731 \\ 12,185 \end{array}$ | $\begin{aligned} & 1,217 \\ & 2,003 \end{aligned}$ | 221.6 187.8 |
| International .................................... | 19,032 | 7,768 | 1,060 | 0 | 0 | 10.9 | 10,888 | 4,387 | 684 | 1,510 | 0 | 0 | 10.1 |
| By industry |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Petroleum .................................... | 341,685 | 340,447 | 10,269 | 4,762 | 11,414 | 241.8 | 252,603 | 233,056 | 6,988 | 89,484 | 4,655 | 11,383 | 176.9 |
| Manufacturing .............................. | 982,117 | 1,087,302 | 56,908 | 136,201 | 156,492 | 4,652.9 | 839,666 | 954,037 | 52,342 | 251,442 | 131,652 | 147,637 | 3,977.3 |
| Food and kindred products .......... | 129,038 | 133,141 | 7.492 | 3.501 | 5,161 | 646.6 | 95,898 | 108,529 | 6,362 | 26,570 | 3,187 | 4,788 | 434.9 |
| Chemicals and allied products ...... | 236,473 | 200,698 | 19,537 | 15,429 | $\begin{array}{r}10,117 \\ 3 \\ \hline\end{array}$ | 609.3 | 209,859 | 179,830 | 18,517 | 55,040 | 14,707 | 9,661 | 543.6 |
| Primary and fabricated metals ....... | 51,675 | 43,506 | 1,870 | 3,253 | 3,597 | 228.4 | 43,460 | 35,206 | 1,546 | 10,729 | 3,004 | 3,274 | 190.0 |
| Industrial machinery and equipment Electronic and other electric | 131,304 | 173,128 | 8,266 | 21,487 | 34,919 | 602.1 | 123,477 | 163,797 | 8,088 | 34,758 | 21,211 | 34,193 | 563.6 |
| equipment ............................ | 90,176 | 110,418 | 3,231 | 21.574 | 25,787 | 781.8 | 82,424 | 103,537 | 3,003 | 22,774 | 21,462 | 24,972 | 721.4 |
| Transportation equipment .............. | 147,949 | 241,818 | 5,604 | 54,872 | 62,580 | 752.4 | 118,489 | 204,365 | 5,472 | 41,618 | 52,939 | 57,746 | 642.0 |
| Other manufacturing .................... | 195,501 | 184,593 | 10,909 | 16,085 | 14,329 | 1032.4 | 166,060 | 158,773 | 9,355 | 59,952 | 15,141 | 13,002 | 881.7 |
| Wholesale trade .............................. | 244,358 | 438,792 | 16,207 | 69,521 | 16,740 | 601.2 | 238,236 | 420,288 | 15,893 | 59,109 | 68,119 | 16,468 | 569.7 |
| Finance (except depository institutions), insurance, and real estate $\qquad$ | 1,794,120 | 154,402 | 51,409 | 31 | 8 | 239.5 | 1,732,655 | 146,236 | 49,514 | 22,912 | 27 | 8 | 222.0 |
| Services ...................................... | 194,427 | 150,262 | 7,500 | 2,047 | 814 | 1086.6 | 173,177 | 135,679 | 7,120 | 52,509 | 2,010 | 813 | 962.8 |
| Other industries ............................ | 444,134 | 272,145 | 12,998 | 4,590 | 2,142 | 1,566.0 | 198,472 | 138,486 | 5,099 | 35,279 | 4,172 | 1,840 | 991.1 |

D Suppressed to avoid disclosure of data of individual companies.
Note. -The data in this table are from "U.S. Multinational Companies: Operations in 1998" in the July 2000
issue of the SURvEY OF CURRENT BUSINESS.

Table G.4.-Foreign Direct Investment in the United States: Selected Items, by Country of Foreign Parent and by Industry of U.S. Affiliate, 1998-2000
[Millions of dollars]

|  | Direct investment position on a historical-cost basis |  |  | Capital inflows (outflows (-)) |  |  | income |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1998 | 1999 | 2000 | 1998 | 1999 | 2000 | 1998 | 1999 | 2000 |
| All countries, all industries.. | 778,418 | 965,632 | 1,238,627 | 174,434 | 294,976 | 281,115 | 32,402 | 49,780 | 60,157 |
| Canada By country |  |  |  |  |  |  |  |  |  |
| Canada ........................................................................................... | 72,696 | 76,526 | 100,822 | 15,959 | 21,241 | 27,975 | 1,382 | 1,998 | 912 |
| Europe | 518,576 | 670,030 | 890,611 | 153,111 | 239,088 | 224,261 | 25,495 | 39,706 | 45,904 |
| Of which: |  |  |  |  |  |  |  |  |  |
| France................................................................................. | 59.925 | 82,276 | 119,069 | 11,368 | 25,406 | 41,965 | 1,691 | 3,119 | 5,562 |
| Germany ............................................................................ | 93,289 | 111,706 | 122,846 | 42,986 | 23,144 | 11,351 | 4,348 | 6,341 | 2,603 |
| Luxembourg ......................................................................... | 26,804 | 57,047 | 83,304 | 13,819 | 27,633 | 26,777 | 1,187 | 2,634 | 4,839 |
| Netherlands | 92,298 | 125,775 | 152,432 | 6,533 | 40,412 | 22,462 | 6,139 | 7.430 | 9,221 |
| Switzerland .......................................................................... | 48,263 | 53,706 | 81,698 | 4,509 | 3,365 | 21,850 | 854 | 4,351 | 4,171 |
| United Kingdom.................................................................... | 137,489 | 166,900 | 229,762 | 60,335 | 108,613 | 73,667 | 7,268 | 12,649 | 16,171 |
| Latin America and Other Western Hemisphere.................................... | 28,056 | 38,104 | 42,700 | -2,569 | 16,410 | 4,326 | 1,286 | 1,120 | 2,928 |
| Of which: | 3735 | 12590 | 14.942 | -161 | 9368 | 2208 | 194 | 58 | -320 |
| Mexico... | 2,055 | 1,730 | 2,471 | 871 | 1,269 | 2,902 | 216 | 175 | -320 |
| Panama | 6,227 | 5,475 | 4,004 | 988 | -209 | -1,398 | 864 | 752 | 644 |
| United Kingdom Islands, Caribbean.......................................... | 9.885 | 11,082 | 12,513 | -1,469 | 4,474 | 1,005 | -77 | 229 | 1,919 |
| Africa ......................................................................................... | 853 | 1,547 | 2,119 | -601 | 417 | 670 | -93 | -78 | 10 |
| Middle East . | 4,126 | 4,432 | 8,373 | -762 | 372 | 3,909 | 274 | 149 | 1,855 |
| Asia and Pacific. | 154,111 | 174,993 | 194,002 | 9,295 | 17,448 | 19,974 | 4,057 | 6,885 | 8,550 |
| Of which: Australia | 10,520 | 13,230 | 14,487 | 1,506 | 2,363 | 2,429 | 302 | 325 | 486 |
| Japan............................................................................................................................... | 134,340 | 153,119 | 163,215 | 8,024 | 15,489 | 10,043 | 4,300 | 6,165 | 7,337 |
| By industry |  |  |  |  |  |  |  |  |  |
| Petroleum .................................................................................. | 49,028 | 51,890 | 92,856 | 58,924 | 5,650 | 48,067 | 1,442 | 4,811 | 13,915 |
| Manufacturing.............................................................................. | 333,233 | 399,525 | 496,578 | 83,406 | 90,884 | 95,058 | 19,320 | 26,735 | 25,550 |
| Food and kindred products.......................................................... | 22,117 | 19,599 | 23,442 | -7,369 | -1,518 | 4,800 | 657 | 1,549 | 1,796 |
| Chemicals and allied products..................................................... | 93,804 | 97,327 | 122,083 | 7,401 | 8,635 | 22,241 | 6,816 | 7,202 | 6,296 |
| Primary and fabricated metals...................................................... | 18,923 | 20,125 | 21,561 | 1,054 | 2,058 | 6,099 | 1,610 | 1,072 | 1,233 |
| Machinery .............................................................................. | 62,564 | 83,917 | 118,920 | 22,452 | 37,647 | 32,941 | 1,701 | 1,732 | 4.679 |
| Other manufacturing ................................................................. | 135,825 | 178,556 | 210,571 | 59,869 | 44,062 | 28,976 | 8,535 | 15,180 | 11,546 |
| Wholesale trade ............................................................................ | 87,611 | 94,657 | 109,611 | 10,073 | 14,214 | 16,871 | 4,509 | 5,314 | 7,705 |
| Retail trade............................................................................. | 20,447 | 24,843 | 32,091 | 3,730 | 4,651 | 4,097 | 843 | 1,595 | 1,688 |
| Depository institutions ................................................................... | 46,257 | 61,539 | 68,619 | 5,420 | 19,024 | 9,569 | 2,586 | 3,002 | 3,992 |
| Finance, except depository institutions ............................................. | 48,517 | 62,450 | 88,082 | 4,370 | 15,893 | 19,657 | -1,286 | 927 | 1,252 |
| Insurance ................................................................................... | 74,581 | 85,290 | 106,403 | 4,020 | 22,233 | 25,799 | 3,391 | 3,722 | 5,737 |
| Real estate .................................................................................. | 39,545 | 40,248 | 42,300 | 1,760 | 1,966 | 1,203 | 147 | 1,494 | 2,007 |
| Services ...................................................................................... | 40,506 | 60,878 | 102,955 | 4,931 | 22,519 | 42,410 | 1,143 | 2,067 | 815 |
| Other industries ........................................................................... | 38,693 | 84,311 | 99,134 | -2,201 | 97,942 | 18,384 | 307 | 112 | -2,504 |
| NOTE--In this table, unlike in the international transactions accounts, income without a current-cost adjustment, and income is shown net of withholding ta international investment position, the direct investment position is valued at histo | capital inflow In addition, cost. | re shown ke in the | The data in Historical-Cos Gurrent Busi | table are from sition and R | ables 16 and d Capital and | in "Foreign come Flows | ct Investme $00^{\prime \prime}$ in the S | he United ber issue | s: Detail for Survey of |

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, 1999

|  | 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 dollars |  |  |  | Thousands employees | Millions of dollars |  |
|  | Total assets | Sales | Net income | Gross product |  | U.S exports of goods shipped by affiliates | $\begin{gathered} \text { U.S. } \\ \text { imports of } \\ \text { goods } \\ \text { shipeded to } \\ \text { aftiliates } \end{gathered}$ | Total assets | Sales | Net income | Gross product |  | U.S exports of goods shipped by affiliates | $\begin{gathered} \text { U.S. } \\ \text { imports of } \\ \text { goods } \\ \text { shippedto } \\ \text { aftiliates } \end{gathered}$ |
| All countries, all industries. | 4,135,217 | 2,035,356 | 27,535 | 451,656 | 6,003.3 | 152,229 | 307,111 | 3,597,658 | 1,781,554 | 23,715 | 390,957 | 5,031.1 | 139,272 | 294,794 |
| By country |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Canada ....... | 410,254 | 159,743 | -584 | 43,037 | 665.2 | 7,515 | 16,292 | 381,234 | 140,605 | -7,128 | 36,538 | 535.5 | 7,336 | 15,763 |
| Europe... | 2,707,203 | 1,199,123 | 24,545 | 294,501 | 3,901.1 | 84,693 | 128,625 | 2,519,797 | 1,050,593 | 24,067 | 257,653 | 3,278.4 | 78,028 | 127,050 |
| Of which: Frat |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| France ........................ Germany ................ | 512,368 507,652 | 167,417 313,52 | $-1,822$ 7,702 | 42,243 70,181 | 604.9 847.7 | 16,358 31,637 | 15,331 <br> 53,194 | 446,301 486.648 | 126,929 282,137 | -103 <br> 6,881 | 29,436 61,175 | 368.8 693.4 | 30,564 | 15,067 52,565 |
| Netherlands........................ | 449,446 | 182,093 | 4,360 | 35,618 | 484.8 | 5,309 | 15,932 | 422,053 | 146,733 | 2,950 | 31,491 | 470.1 | 5,008 | 15,898 |
| Sweden ........................ | 68,619 | 43,021 | 1,600 | 10,849 | 147.6 | 4,274 | 4,344 | 68,193 | 42,392 | 1,577 | 10,696 | 146.0 | 4,258 | 4,320 |
| Switzerland ................... | 507,157 | 104,189 | 4,166 | 31,153 | 434.6 | 5,353 | 6,907 | 491,571 | 93,461 | 3,598 | 26,053 | 343.9 | 5,121 | 6,770 |
| United Kingdom .............. | 536,127 | 279,117 | 9,189 | 81,981 | 965.6 | 15,713 | 19,028 | 499,954 | 268,026 | 8,313 | 79,198 | 917.1 | 15,195 | 18,827 |
| Latin America and Other |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Western Hemisphere ........... | 121,614 | 76,125 | -1,303 | 20,731 | 290.7 | 6,139 | 12,164 | 112,627 | 68,769 | -1,243 | 19,361 | 276.5 | 5,961 | 10,248 |
| Of which: <br> Bermuda | 49,590 | 26,206 | -590 | 8,898 | 168.6 | (D) | 1,204 | 47,694 | 25,946 | -576 | 8,859 | 166.2 | (D) | 1,202 |
| Mexico .............................. | 11,293 | 10,394 | -142 | 1,754 | 33.9 | 864 | 2,770 | 9,600 | 8,824 | -151 | 1,440 | 29.5 | 760 | 2,376 |
| Panama ...................... | 3,659 | 2,252 | 67 | 898 | 12.4 | (D) | 166 | 3,542 | 2,186 | 59 | (D) | $J$ | (D) | 166 |
| United Kingdom islands, Caribbean | 34,405 | 9,251 | -548 | 1,677 | 36.0 | 78 | (D) | 33,694 | 8,984 | -547 | 1,570 | 34.2 | 73 | (D) |
| Venezuela......................... | 12,844 | 18,502 | 204 | 4,974 | 8.7 | 169 | 4,925 | (D) | (D) | (D) | (D) | H | (D) | (D) |
| Africa......... | 5,411 | 4,704 | 89 | 1,250 | 13.2 | 375 | 215 | 5,363 | (D) | (D) | 1,212 | 13.0 | (D) | 213 |
| Middle East.......... | 18,103 | 12,599 | 348 | 2,863 | 48.6 | 696 | 1,194 | 15,607 | 10,899 | 296 | 2,103 | 35.6 | 682 | 1,117 |
| Asia and Pacific........ | 654,272 | 543,281 | -521 | 79,454 | 1,018.3 | 50,852 | 147,074 | 546,812 | 487,946 | 1,175 | 69,230 | 860.6 | 45,094 | 139,011 |
| Australia........................ | 67,343 | 31,184 | 612 | 6,760 | 84.8 | 1,375 | 1,465 |  |  |  | 5,240 |  |  |  |
| Japan ............................... | 534,484 | 453,423 | -327 | 64,721 | 834.2 | 41,180 | 123,867 | 445,221 | 411,798 | 753 | 56,965 | 715.8 | 37,744 | 119,816 |
| United States ................. | 218,361 | 39,781 | 4,961 | 9,820 | 66.2 | 1,959 | 1,548 | 16,218 | (D) | (D) | 4,860 | 31.5 | (D) | 1,391 |
| By industry ${ }^{1}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Manufacturing... | 982,809 | 906,382 | 16,514 | 236,165 | 2,616.7 | 96,527 | 140,924 | 895,031 | 805,166 | 14,757 | 216,110 | 2,386.3 | 88,410 | 131,842 |
| Of which: Food........................ | 43,908 |  | 255 | 10,950 | 156.3 | 2,44 | 4,162 | 43,026 |  | 225 | 10,580 | 149.8 | 2,364 | 4,151 |
| Chemicals................................ | 206,151 | 142,527 | 3,359 | 41,288 | 363.2 | 14,575 | 15,373 | 187,635 | 128,549 | 2,589 | 37,146 | 327.0 | 13,218 | 14,952 |
| Primary and fabricated | 64.822 | 59500 | 650 | 15.498 | 2116 | 4.421 | 7549 | 51839 | 48.278 | 580 | 13.080 | 186.9 | 3.626 | 6700 |
| Machinery...................... | 62,054 | 50,952 | -26 | 14,664 | 222.6 | 7,086 | 7,104 | 58,535 | 46,672 | 198 | 13,684 | 208.1 | 6,398 | 6,373 |
| Computers and electronic products | 98,773 | 108,226 | -2,878 | 22,454 | 291.0 | 16,991 | 33,685 | 89,620 | 101,277 | -2,593 | 21,068 | 275.1 | 15,098 | 30,906 |
| Electrical equipment, appliances, and |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| components .............. | 41,001 185,592 | 39,974 201,609 | 128 7,767 | $\begin{aligned} & 10,744 \\ & 43,211 \end{aligned}$ | 189.9 422.6 | 7,187 30,476 | 3,246 45,064 | 39,771 178,711 | $\begin{array}{r} 38,441 \\ -89,445 \end{array}$ | 7,287 | $\begin{aligned} & 10,246 \\ & 40,397 \end{aligned}$ | $\begin{aligned} & 183.8 \\ & 390.6 \end{aligned}$ | $\begin{array}{r} 6,784 \\ 28,729 \end{array}$ | 3,173 43,032 |
| Wholesale trade..... | 303,806 | 500,839 | 5,350 | 54,664 | 518.4 | 48,629 | 157,366 | 293,111 | 470,013 | 6,385 | 52.406 | 461.7 | 44,199 | 155,256 |
| Retail trade .......................... | 70,956 | 114,300 | 1,555 | 28,359 | 737.0 | 1,521 | 4,303 | 49,779 | 84,317 | 698 | 20,050 | 545.7 | (D) | 3.606 |
| Information.. | 212,450 | 91,453 | -3,423 | 27,581 | 332.2 | 1,053 | 160 | 143,342 | 63,263 | 845 | 18,809 | 224.2 | 1,033 | 80 |
| Publishing industries ....... | 62,715 | 32,183 | 416 | 11,605 | 133.8 | (D) | (D) | (D) | 28,304 | -115 | 9,208 | 120.8 | (D) | 78 |
| Broadcasting and telecommunications .... | 117,541 | 46,671 | -4,278 | 12,502 | 142.5 | 6 | (D) | 59,400 | 23,337 | 440 | 6,173 | 52.2 | 2 | 3 |
| Finance (except depository institutions) and insurance . | 2,162,809 | 206,641 | 9,750 | 27,969 | 263.6 | 0 | 1 | 1,893,509 | 180,668 | 3,613 | 22,927 | 226.9 | 0 |  |
| Real estate and rental and leasing | 131,014 | 26,037 | 903 | 11,850 | 52.2 | (D) | 562 | 110,094 | 21,570 | 527 | 9,332 | 42.0 | (D) | 562 |
| Professional, scientific, and technical services $\qquad$ | 27,319 | 21,865 | -1,002 | 7,991 | 119.3 | (D) | 357 | 23,407 | 19,846 | -216 | 7,829 | 102.3 | 463 | 357 |
| Other industries..................... | 244,053 | 167,840 | -2,112 | 57,078 | 1,363.7 | 3,777 | 3.440 | 189,383 | 136,710 | -2,895 | 43,495 | 1,041.9 | 3,661 | 3,089 |

[^55]companies; see "U.S. Atfiliates of Foreign Companies: Operations in 1999," in the August 2001 issue of the
SURVEY OF CURRENT BUSINESS. 999 G-1,000 to 2,499; H-2,500 to 4,999; I-5,000 to 9,999; J-10,000 to 24,999; K-25,000 to 49,999; L-50,000 to 99,$999 ;$ M-100,000 or more.

## H. International Perspectives

Quarterly data in this table are shown in the middle month of the quarter.

Table H.1.-International Perspectives


1. All exchange rates are from the Board of Governors of the Federal Reserve System.

Rates for selected euro-area currencies can be derived by using the following conversion rates: 1 euro $=$ 655957 French francs, 1.95583 German marks, and 1936.27 Italian lire
3. The rate shown for the United States is an index of the 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 of Labor Statistics, and BEA, respectively. GDP growth rates for other countries are calculated from levels published by those countries. Most other data (including U.S. consumer prices and U.S. share prices,
both of which have been rebased to 1995 to facilitate comparison) are © OECD and are reproduced with permission.

## I. Charts

$\qquad$

## THE U.S. IN THE INTERNATIONAL ECONOMY



Billion \$

U.S. Bureau of Economic Analysis


Billion \$


Blilion \$


# Regional Data 

## J. State and Regional Tables

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

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

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

| Area name | 1997 |  | 1998 |  |  |  | 1999 |  |  |  | 2000 |  |  |  | 2001 |  | Percent <br> change <br> $2001: \mid-$ <br> $2001: 11$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | III | IV | 1 | II | III | IV | 1 | II | 111 | IV | 1 | II | 111 | IV | 1 | II |  |
| United | 6,970,231 | 7,089,802 | 7,247,217 | 7,375,568 | 7,483,561 | 7,568,669 | 7,623,542 | 7,711,739 | 7,811,071 | 7,932,240 | 8,097,740 | 8,264,219 | 8,374,722 | 8,512,567 | 8,632,966 | 8,705,009 | 0. 8 |
| New England | 409,760 | 417,856 | 425,3 | 434,503 | 441, | 447, | 448,905 | 455,499 | 464,988 | 472,092 | 487,310 | 494,517 | 502,804 | 512,981 | 523,084 | 527,487 | . 8 |
| Connecticut | 116,723 | 119,083 | 122.269 | 124,027 | ${ }^{125,931}$ | 127,658 | 127,443 | +29,131 | 131,424 | ${ }^{132,786}$ | 135,970 | 138,448 | 140,111 | 142,690 | 146,216 | 147,235 | 7 |
| Maine ... | 27.768 | 28,280 | 28.659 | 29,294 | 29,787 | 30,079 | 29,946 | 30,527 | 31,388 | 31,041 | 31,753 | 32,364 | 32,534 | 32,996 | 34.070 | 34,276 | 0.6 |
| Massachusetts | 192.496 | 196,179 | 198,961 | 204,203 | 207.472 | 210.087 | 211,639 | 214799 | 219,571 | 224,609 | 233,514 | 236,408 | 241,958 | 247,074 | 250,708 | 253,165 | 1.0 |
| New Hampshire | 32,707 | 33,36 | 34,015 | 34,883 | 35,789 | 36,372 | 36,419 | ${ }^{37,103}$ | 37,861 | ${ }^{38,571}$ | 40,073 | 40,504 | 41,007 | 42,165 | 42,926 | 43,251 | 08 |
| Verme | 57 | 14,106 | 14,421 | 14,650 |  | 14,991 | 15,080 | 15,332 | 15,579 | 15,703 | 15,991 | 16,433 | 16,390 | 16,828 | 17,252 | 17,369 | 0.7 |
| Mideast. | 1,321,218 | 1,345,607 | 1,372,131 | 1,395,665 | 1,411,817 | 1,420,120 | 1,439,506 | 1,446,396 | 1,467,645 | 1,477,726 | 1,512,578 | 1,545,487 | 1,564,588 | 1,602,664 | 1,624,312 | 1,638,221 | 0.9 |
| Delaware | 20,361 | 20,685 | 21,388 | 21,862 | 21,978 | 22,203 | 22,634 | 22,701 | 23,078 | 23,436 | 23,645 | 24,225 | 24,616 | 25,278 | 25,220 | 25,483 | 1.0 |
| District of Col | 19,220 | 19,318 | 19,559 | 19,950 | 20,302 | 20,366 | 20,222 | 20,415 | 20,595 | 20,905 | 21,382 | 21,762 | 21,938 | 22,594 | 22,631 | 22,833 | 0.9 |
| Maryland.... | 149,175 | 152,085 | 154,317 | 157,717 | 160,062 | 161,870 | 164,121 | 165,910 | 168,610 | 170,140 | 174,030 | 176,626 | 179,562 | ${ }^{183,807}$ | 187, 132 | 188.705 | 0.8 |
| New Jersey | 261.805 | 266,702 | 272,154 | 276,816 | 281.611 | 282,963 | 285,607 | 286,636 | 289,488 | 295,482 | 301,864 | 311,145 | 314,788 | 323,766 | 322,635 | 324.898 |  |
| New York. | 556,184 | 566,942 | 580,380 | 589,947 | 595,153 | 596,210 | 609,410 | 609,233 | 620,834 | 619,025 | 637,015 | 650,883 | 658,647 | 675,787 | 688,457 | 695,753 | 1.1 |
| Pennsylvania. | 314,473 | 319,875 | 324,332 | 329,372 | 332,711 | 336,509 | 337,512 | 341,501 | 345,039 | 348,738 | 354,643 | 360,846 | 365,038 | 371,431 | 378,237 | 380,549 | 0.6 |
| Great Lakes | 1,1 | 1,162,737 |  | 1,201,077 | 1,214,093 | 1,229,275 | 1,232,392 | 1,245,171 | 1,257,035 | 1,273,062 | 1,291, | 1,312,127 | 1,325,189 | 1,340,167 | 1,356,644 | 1,365,359 |  |
| Illinois . | 342,998 | 349,004 | 353,978 | 360,198 | 365,246 | 368,527 | 368,95 | 372,509 | 374,815 | 380,485 | 387,040 | 393,233 | 399,127 | 405,556 | 411,316 | 414,130 | . 7 |
| Indiana | 139,88 | 142.616 | 146,406 | 148,642 | 150,501 | 152,261 | ${ }^{153,025}$ | 154,155 | 155,804 | 158,304 | 160,369 | 163.277 | 165,178 | 165,374 | 168,359 | 169,359 | 0.6 |
| Michigan. | 252,113 | 254,304 | 261,041 | 263,803 | 264,408 | 269,327 | 271,361 | 274,640 | 277,903 | 279,951 | 285,035 | 288,883 | 290,572 | 293,068 | 295,204 | 297,261 | . 7 |
| Wisconsin. | 280,6 | 284 | 13 | 137,05 | 139,229 | 140,332 | 140,621 | 142,28 | 144,354 | \% | 147,220 | +150,318 | 151,651 | 154,277 | ${ }^{356,683}$ |  | 0.4 |
| Plains. | 465,065 | 472,462 | 482,4 | 490,979 | 498,029 | 503,3 | 502,245 | 507,434 | 514,950 | 524,2 | 528,989 | 542,586 | 549,461 | 554,867 | 562,544 | 566,191 | , |
| lowa.. | 68,07 | 69,432 | 69,549 | 70,695 | 71,882 | 72,682 | 71,488 | 71,696 | 73,410 | 74,38 | 75,323 | 77,340 | 78,047 | 78,423 | 79,509 |  |  |
| Kansas | 64,156 | 65,128 | 66,482 | 67,655 | 68,554 | 69,079 | 69,183 | 69,604 | 70,770 | 72,374 | 71,638 | 73,560 | 75,204 | 74,915 | 76,417 | 77,084 | 0.9 |
| Minnesota | 130,220 | 132,539 | 136,354 | 139,277 | 141,041 | 143,213 | 143,336 | 145,689 | 147,494 | 150,219 | 152,130 | 156,606 | 158,854 | 162,129 | 164,031 | 165,333 | 0.8 |
| Missouri... | 131,705 | 133,793 | 136,230 | 138,272 | 140,235 | 141,144 | 141,656 | 142,617 | 143,934 | 146,086 | 148,641 | 151,938 | 153,613 | 155.555 | 157,755 | 158,909 | 0.7 |
| Nebraska.. | 40.949 | 41.368 | 42,217 | 43,068 | 43.878 | 44,197 | 44,328 | 44,952 | 45.655 | 46,966 | 46.517 | 47,339 | 47.903 | 47,931 | 48,244 | 48,446 | 0.4 |
| North Dakota | 13,480 | 13,645 | 14,474 | 14,644 | 17,881 | 15,086 | 14,496 | 14,687 | 15,072 | 15,261 | 15,546 | 16,075 | 16,069 | 19,943 | 16,611 19,976 | 16,636 20,085 | ${ }_{0} 0.2$ |
| South Dakota. |  |  |  | 17,368 | 17,558 | 17,994 | 17,660 | 18,89 | 18,614 | 8,921 | 94 | 19,727 |  |  | 976 | 20,085 |  |
| Southeast... | 1,539,513 | 1,566,483 | 1,599,718 | 1,630,270 | 1,655,356 | 1,672,978 | 1,682,412 | 1,700,411 | 1,715,078 | 1,740,374 | 1,774,540 | 1,812,551 | 1,831,608 | 1,862,368 | 1,891,180 | 1,906,814 | 0.8 |
| Alabama | 91.530 | 92,797 | 94,911 | 96,075 | 97,225 | 98,134 | 98.957 | 100,330 | 101,297 | 102,122 | 102,614 | 104,586 | 104,671 | 106,399 | 108,042 | 108,464 | . 4 |
| Arkansas | 51,198 | 52,200 | 52,886 | 53,566 | 54,117 | 54,648 | 55,381 | 56,077 | 55,613 | 57,111 | 58,006 | 58,635 | 59,613 | 59,124 | 61.089 | 61,420 | 0.5 |
| Horida... | 380,367 | 385,845 | 395,416 | 403.233 | 408,668 | 411,447 | 412.838 | 416,775 | 420.218 | 423.840 | 434,332 | 444,037 | 450,034 | 459,645 | 465,159 | 470,691 | 1.2 |
| Kentucky, |  | 84,530 94,407 |  |  |  |  | 89.71 98.181 | 90,618 | 99,673 | 100,799 | 101, 138 | 103, 99 | 103,535 | -994,035 | 106,298 | 106,8 | 0.5 |
| Mississippi | 51,731 | 52,721 | 54,061 | 54,748 | 55,590 | 56,113 | 56,056 | 56,574 | 57,500 | 57,990 | 58,357 | 59,489 | 59,766 | 60,256 | 61,216 | 61,523 | 0.5 |
| North Carolina | 180,399 | 184,249 | 187,533 | 191,117 | 194,415 | 197, 262 | 198,409 | 200,768 | 199,989 | 205,773 | 210,878 | 216,158 | 218.512 | 222,497 | 226,315 | 227,472 | 0.5 |
| South Carolina | 81,403 | 82,839 | 84,235 | 85,898 | 87.709 | 88.998 | 89,187 | 90,529 | 91.698 | 92,828 | 94,047 | 96,332 | 96,910 | 98,355 | 100,197 | 101,054 | 0.9 |
| Tennessee | 125,831 | 128.578 | 131,034 | 133,934 | 135,362 | ${ }^{136,791}$ | 136,751 | 138.804 | 140,354 | 141,888 | 144.517 | 147,045 | 148.763 | 150,682 | 153,393 | 154,843 | 0.9 |
| Virginia... | 181,443 | 184,222 | 187,245 | 191,829 | 195,305 | 198,256 | 201,141 | 201745 | 204,911 | 208,683 | 213,290 | 219,484 | 222,274 | 227,285 | 230,119 | 232,111 | 0.9 0.3 |
| West Virginia. | 35,270 | 35,643 | 36,272 | 36,615 | 37,028 | 37,124 | 37.100 | 37,347 | 37,718 | 38,052 | 38,488 | 39,343 | 39,456 | 40,190 | 40,777 | 40,919 | 0.3 |
| Southwest. | 683,767 | 696,383 | 718,501 | 730,916 | 744,151 | 752,742 | 757,062 | 769,129 | 778,344 | 791,391 | 811,128 | 826,550 | 837,121 | 850,780 | 869,412 | 876,483 |  |
| Arizona. | 104,489 | 106,706 | 109,543 | 111,786 | 114,249 | 116,061 | 116,059 | 118,853 | 120,611 | 121,891 | 126.892 | 127,750 | 129.875 | 132,013 | 133,908 | 135,011 | 0.8 |
| New Mexico. | 35.030 | 35,443 | 36,385 | 36.659 | 37,021 | 37,402 | 37,202 | 37.767 | 38,072 | 38.521 | 38,864 | 39,993 | 40,197 | 40,837 | 41,644 | 42,260 | 1.5 |
| Oklahoma.... | 70,060 | 71,539 | 73,590 | 74,445 | 75,210 | 75,604 | 76.137 | 77,061 | 77,703 | 78,660 | 79,413 | 81,040 | 82,152 | 83,611 | 84,453 | 85,095 |  |
| Texas ............... | 474,188 | 482,695 | 498,983 | 508,026 | 517,671 | 523,675 | 527,665 | 535,447 | 541,959 | 552,319 | 565,959 | 577,766 | 584,898 | 594,320 | 609,407 | 614,11 | 0.8 |
| Rocky Mountain | 209,131 | 212,288 | 217,851 | 221,365 | 225,220 | 228,969 | 230,812 | 235,410 | 239,016 | 244,641 | 247,946 | 256,296 | 260,656 | 265,322 | 267,596 | 269,979 |  |
| Colorado | 110,085 | 112,149 | 115,360 | 117,050 | 119,348 | 121,868 | 123,287 | 126,405 | 128,356 | 132,502 | 133,717 | 139,522 | 142,828 | 145,344 | ${ }^{146.076}$ | 147,484 | 1.0 |
| Idaho... | 25,435 | 25.719 | 26,524 | 26,864 | 27,280 | 27,649 | 27,940 | 28,290 | 28,755 | 29.304 | 29,880 | 30,684 | 30,968 | 31,504 | 31.747 | 32,039 | 0.9 |
| Montana | 17,864 | 18,148 | 18,539 | 18,952 | 19,101 | 19,251 | 19,095 | 19,240 | 19,271 | 19,652 | 19.865 | 20,312 | 20,599 | ${ }^{20,802}$ | 21.094 | 21,305 | 1.0 |
| Utah. | 44,196 | 44,627 | 45,579 | 46,473 | 47,227 | 47,845 | 48,012 | 48,847 | 49,705 | 50,12 | 51,222 | 52,306 | 52,674 | 53,693 | 54,670 | 54,985 | 0.6 |
| Wyoming................... | 11,551 | 11,645 | 11,848 | 12,027 | 12,264 | 12,357 | 12,478 | 12,627 | 12,929 | 13,062 | 13,262 | 13,472 | 13,587 | 13,980 | 14,010 | 14,166 | 1.1 |
| Far West | 1,196,545 | 1,245,986 | 1,247,144 | 1,270,793 | 1,293,129 | 1,313,730 | 1,330,209 | 1,352,290 | 1,374,016 | 1,408,738 | 1,443,489 | 1,474,105 | 1,503,295 | 1,523,417 | 1,538,194 | 1,554,475 |  |
| Alaska.. | 16,586 | 16.692 | 16,958 | 17,056 | 17,156 | 17,365 | 17,274 | 17,375 | 17,484 | 1029,496 | 18,215 | 188,499 | 1811,792 | 18,942 | 19,260 | 19,423 | ${ }^{1.8}$ |
| California. | 868,638 | 882,661 | 906,145 | 923,557 | 939,959 | 956,848 | 969,469 | 988,530 | 1,001,683 | 1,029,490 | 1,058,595 | 1,084,057 | 1,111,223 | 1,125,205 | 1,137,376 | 1,150,660 | 1.2 |
| Hawail ..... | 31,382 | 31.313 | 31,680 | 31.746 | 31,886 5,665 | 32,103 | 31,979 54565 |  | 32,818 <br> 55,954 | 37,792 |  | 33,708 <br> 5963 <br> 1 | 33,854 <br> 60006 | 34,473 <br> 60.886 | 34,837 <br> 62.286 | 35,106 63,249 | 0.8 |
| Nevada .... <br> Oregon.. | ${ }_{81}^{47,624}$ |  |  |  |  |  |  |  |  | - 91,186 | - 982,945 | - 994,638 | 60,006 95,800 | 60,886 96,614 | 68,194 98 | -68,986 | ${ }^{1.5}$ |
| Washington......... | 151,100 | 154,137 | 158,453 | 162,232 | 165,793 | 166,687 | 169,852 | 170,533 | 176,468 | 180,444 | 182,632 | 183,572 | 183,620 | 187,297 | 186,240 | 187,050 | 0.4 |

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 national 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 avail-
ability 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 2001" in the November 2001 issue of the Survey of Current Business.

Table J.2.-Personal Income and Per Capita Personal Income by State and Region, 1995-2000


Table J.3.-Disposable Personal Income and Per Capita Disposable Personal Income by State and Region, 1995-2000

| Area name | Disposable personal income |  |  |  |  |  |  | Per capita disposable personal income |  |  |  |  |  | Rank in U.S. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Millions of dollars |  |  |  |  |  | Percent change ${ }^{2}$ | Doilars |  |  |  |  |  |  |
|  | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 1999-2000 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 |  |
| United States.. | 5,414,784 | 5,669,393 | 5,960,749 | 6,349,408 | 6,611,524 | 7,025,313 | 6.3 | 20,350 | 21,059 | 21,875 | 23,031 | 23,707 | 24,891 |  |
| New England | 313,002 | 326,543 | 342,605 | 364,158 | 380,402 | 409,580 | 7.7 | 23,249 | 24,106 | 25,132 | 26,541 | 27,513 | 29,381 |  |
| Connecticut | 88,432 | 91,536 | 95,724 | 101,790 | 105,261 | 111,867 | 6.3 | 26,638 | 27,468 | 28,616 | 30,292 | 31,131 | 32,820 | 7 |
| Maine | 22,173 | 23,257 | 24,200 | 25,466 | 26,485 | 27,813 | 5.0 | 17,796 | 18,581 | 19,249 | 20,190 | 20,877 | 21,795 | 37 |
| Massachusetts | 144,898 | 151,896 | 159,674 | 169,600 | 178,071 | 194,493 | 9.2 | 23,612 | 24,598 | 25,668 | 27,069 | 28,211 | 30,593 | 3 |
| New Hampshire | 25,490 | 26,610 | 28,200 | 30,645 | 32,353 | 35,091 | 8.5 | 22,043 | 22,668 | 23,724 | 25,459 | 26,486 | 28,323 | 4 |
| Rhode Island .... | 20,990 | 21,780 | 22,851 | 23,895 | 24,917 | 26,244 | 5.3 | 20,673 | 21,369 | 22,323 | 23,204 | 23,995 | 25,008 | 17 |
| Vermont. | 11,019 | 11,463 | 11,955 | 12,762 | 13,316 | 14,072 | 5.7 | 18,718 | 19,317 | 20,027 | 21,267 | 22,028 | 23,069 | 31 |
| Mideast. | 1,029,185 | 1,073,172 | 1,114,511 | 1,177,620 | 1,217,450 | 1,290,916 | 6.0 | 22,794 | 23,663 | 24,468 | 25,726 | 26,440 | 27,827 |  |
| Delaware | 15,686 | 16,547 | 16,987 | 18,449 | 19,418 | 20,658 | 6.4 | 21,499 | 22,334 | 22,610 | 24,181 | 25,052 | 26,264 | 11 |
| District of Columbia | 15,840 | 15,862 | 16,120 | 16,710 | 16,835 | 17,773 | 5.6 | 27,372 | 27,801 | 28,483 | 29,652 | 29,723 | 31,116 |  |
| Maryland. | 116,066 | 119,755 | 125,597 | 133,050 | 140,137 | 148,896 | 6.3 | 22,917 | 23,451 | 24,382 | 25,601 | 26,704 | 28,044 | 6 |
| New Jersey | 201,166 | 211,334 | 220,964 | 233,679 | 240,563 | 258,327 | 7.4 | 24,913 | 25,957 | 26,916 | 28,243 | 28.825 | 30,640 | 2 |
| New York................................................. | 430,223 | 450,040 | 464,468 | 491,801 | 506,445 | 535,586 | 5.8 | 23,248 | 24,234 | 24,916 | 26,257 | 26,879 | 28,187 | 5 |
| Pennsylvania ............................................. | 250,204 | 259,634 | 270,375 | 283,932 | 294,052 | 309,676 | 5.3 | 20,512 | 21,244 | 22,107 | 23,183 | 23,966 | 25,195 | 16 |
| Great Lakes | 897,966 | 930,464 | 975,464 | 1,029,492 | 1,066,140 | 1,116,769 | 4.7 | 20,445 | 21,031 | 21,922 | 23,014 | 23,702 | 24,689 |  |
| llinois | 264,821 | 278,447 | 291,507 | 307,893 | 317,042 | 334,111 | 5.4 | 22,049 | 23,003 | 23,915 | 25,084 | 25,651 | 26,849 | 8 |
| Indiana. | 109,861 | 114,831 | 119,826 | 128,610 | 133,755 | 140,540 | 5.1 | 18,785 | 19,452 | 20,129 | 21,434 | 22,116 | 23,062 | 32 |
| Michigan | 201,124 | 204.949 | 214,500 | 225,311 | 234,914 | 244,345 | 4.0 | 20,783 | 20,998 | 21,864 | 22,877 | 23,738 | 24,546 | 18 |
| Ohio | 221,905 | 227,746 | 239,900 | 250,845 | 259,083 | 269,590 | 4.1 | 19,809 | 20,256 | 21,270 | 22,172 | 22,843 | 23,719 | 24 |
| Wisconsin | 100,255 | 104,491 | 109,732 | 116,833 | 121,346 | 128,182 | 5.6 | 19,343 | 19,981 | 20,839 | 22,056 | 22,743 | 23,846 | 23 |
| Plains.. | 359,419 | 382,827 | 399,625 | 425,700 | 441,947 | 466,638 | 5.6 | 19,387 | 20,475 | 21,207 | 22,427 | 23,106 | 24,207 |  |
| lowa | 53,020 | 56,896 | 59,294 | 62,103 | 63,279 | 67,090 | 6.0 | 18,496 | 19,760 | 20,513 | 21,396 | 21,699 | 22,897 | 35 |
| Kansas | 49,628 | 52,367 | 55,113 | 58,698 | 60,807 | 63,294 | 4.1 | 19,085 | 20,030 | 20,914 | 22,063 | 22,700 | 23,497 | 26 |
| Minnesota | 97,206 | 103,586 | 109,183 | 117,947 | 124,449 | 132,188 | 6.2 | 20,881 | 22,002 | 22,943 | 24,529 | 25,560 | 26,796 | 9 |
| Missouri.. | 103,462 | 108,364 | 114,001 | 120,335 | 124,172 | 131,457 | 5.9 | 19,249 | 19.961 | 20,808 | 21,800 | 22,326 | 23,444 | 27 |
| Nebraska .. | 32,023 | 34,932 | 35,531 | 37,647 | 39,525 | 40,910 | 3.5 | 19,330 | 20,872 | 21,067 | 22,200 | 23,174 | 23,860 | 22 |
| North Dakota | 10,960 | 12,226 | 11,853 | 13,205 | 13,273 | 14,175 | 6.8 | 16,911 | 18,786 | 18,231 | 20,369 | 20,566 | 22,070 | 36 |
| South Dakota. | 13,120 | 14,456 | 14,650 | 15,765 | 16,441 | 17,525 | 6.6 | 17,788 | 19,484 | 19,691 | 21,139 | 21,918 | 23,172 | 30 |
| Southeast. | 1,208,156 | 1,269,457 | 1,336,061 | 1,424,130 | 1,480,462 | 1,568,114 | 5.9 | 18,718 | 19,365 | 20,060 | 21,071 | 21,598 | 22,552 |  |
| Alabama. | 74,485 | 77,079 | 80,342 | 84,960 | 88,519 | 91,541 | 3.4 | 17,333 | 17,792 | 18,387 | 19,275 | 19,964 | 20,537 | 41 |
| Arkansas | 40,945 | 43,230 | 45,063 | 47,323 | 49,311 | 51,573 | 4.6 | 16,183 | 16,850 | 17,362 | 18,058 | 18,645 | 19,233 | 47 |
| Florida | 296,985 | 312,805 | 329,682 | 351,457 | 361,945 | 383,970 | 6.1 | 20,457 | 21,088 | 21,737 | 22,718 | 22,975 | 23,911 | 21 |
| Georgia.. | 139,674 | 150,182 | 158,350 | 171,788 | 182,524 | 194,576 | 6.6 | 19,089 | 20,052 | 20,634 | 21,867 | 22,700 | 23,645 | 25 |
| Kentucky | 64,839 | 68,160 | 71,915 | 76,236 | 78,776 | 83,864 | 6.5 | 16,683 | 17,393 | 18,196 | 19,129 | 19,602 | 20,704 | 40 |
| Louisiana. | 75,996 | 78,079 | 81,431 | 86,212 | 88,169 | 91,057 | 3.3 | 17,362 | 17,753 | 18,420 | 19,407 | 19,760 | 20,347 | 43 |
| Mississippi | 41,699 | 43,943 | 46,245 | 49,312 | 50,979 | 53,071 | 4.1 | 15,321 | 15,995 | 16,660 | 17,598 | 18,039 | 18,612 | 50 |
| North Carolina | 138,006 | 145,935 | 155,319 | 165,764 | 172,767 | 185,667 | 7.5 | 18,802 | 19,466 | 20,293 | 21,232 | 21,733 | 22,965 | 33 |
| South Carolina. | 63,606 | 66,986 | 70,880 | 75,519 | 79,261 | 83,621 | 5.5 | 16,973 | 17,644 | 18,371 | 19,271 | 19,935 | 20,775 | 39 |
| Tennessee | 102,796 | 106,568 | 111,632 | 119,386 | 123,919 | 130,881 | 5.6 | 19,309 | 19,683 | 20,306 | 21,432 | 21,971 | 22,923 | 34 |
| Virginia.................................................. | 140,055 | 146,489 | 154,028 | 163,662 | 171,096 | 183,590 | 7.3 | 21,020 | 21,734 | 22,582 | 23,751 | 24,482 | 25.855 | 13 |
| West Virginia ............................................ | 29,070 | 30,001 | 31,182 | 32,512 | 33,197 | 34,703 | 4.5 | 15,940 | 16,460 | 17,134 | 17,897 | 18,316 | 19,187 | 48 |
| Southwest | 523,337 | 552,859 | 596,546 | 645,928 | 678,193 | 724,461 | 6.8 | 18,436 | 19,072 | 20,151 | 21,373 | 22,018 | 23,072 |  |
| Arizona. | 78,460 | 83,726 | 90,217 | 97,630 | 102,882 | 110,837 | 7.7 | 17,709 | 18,259 | 19,049 | 19,992 | 20,462 | 21,450 | 38 |
| New Mexico | 28,290 | 29,502 | 30,758 | 32,506 | 33,324 | 34,981 | 5.0 | 16,444 | 16,834 | 17,303 | 18,093 | 18,398 | 19,150 | 49 |
| Oklahoma ... | 56,276 | 58,473 | 61,222 | 65,346 | 67,667 | 70,990 | 4.9 | 17,037 | 17,532 | 18,179 | 19,212 | 19,740 | 20,528 | 42 |
| Texas ........ | 360,310 | 381,159 | 414,349 | 450,447 | 474,321 | 507,653 | 7.0 | 19,032 | 19,734 | 21,009 | 22,366 | 23,099 | 24,233 | 19 |
| Rocky Mountain. | 157,037 | 166,565 | 178,194 | 191,754 | 202,686 | 218,172 | 7.6 | 18,749 | 19,454 | 20,380 | 21,513 | 22,296 | 23,528 |  |
| Colorado... | 80,723 | 86,111 | 92,927 | 100,483 | 107,621 | 117,426 | 9.1 | 21,117 | 21,987 | 23,144 | 24,426 | 25,485 | 27,141 | 7 |
| Idaho...... | 20,135 | 21,208 | 22,044 | 23,653 | 24,787 | 26,429 | 6.6 | 17,098 | 17,626 | 17,936 | 18,886 | 19,422 | 20,312 | 44 |
| Montana... | 14,492 | 15,037 | 15,621 | 16,688 | 16,934 | 17,795 | 5.1 | 16,530 | 16,960 | 17,544 | 18,690 | 18,860 | 19,668 | 46 |
| Utah ....................................................... | 32,526 | 35,002 | 37,715 | 40,470 | 42,379 | 44,959 | 6.1 | 16,154 | 16,930 | 17,796 | 18,707 | 19,249 | 20,018 | 45 |
| Wyoming................................................ | 9,160 | 9,207 | 9,886 | 10,460 | 10,966 | 11,564 | 5.5 | 18,875 | 18,853 | 20,188 | 21,299 | 22,286 | 23,371 | 28 |
| Far West | 926,681 | 967,506 | 1,017,744 | 1,090,625 | 1,144,244 | 1,230,665 | 7.6 | 21,204 | 21,853 | 22,608 | 23,834 | 24,623 | 26,079 |  |
| Alaska. | 13,755 | 13,919 | 14,497 | 14,999 | 15,311 | 16,236 | 6.0 | 22,751 | 22,862 | 23,630 | 24,170 | 24,477 | 25,818 | 14 |
| California | 674,953 | 701,878 | 735,173 | 789,619 | 829,744 | 899,346 | 8.4 | 21,324 | 21,952 | 22,659 | 23,967 | 24,809 | 26,472 | 10 |
| Hawaii | 26,674 | 26,730 | 27,371 | 27,859 | 28,250 | 29,288 | 3.7 | 22,266 | 22.174 | 22,545 | 22,858 | 23,208 | 24,123 | 20 |
| Nevada .................................................... | 34,623 | 37,634 | 41,126 | 44,918 | 47,963 | 51,037 | 6.4 | 21,900 | 22,589 | 23,354 | 24,336 | 24,868 | 25,289 | 15 |
| Oregon .................................................... | 61,581 | 64,801 | 68.539 | 72.617 | 75,453 | 79,655 | 5.6 | 19,332 | 19.946 | 20,725 | 21,638 | 22,190 | 23,183 | 29 |
| Washington ............................................... | 115,095 | 122,543 | 131,039 | 140,613 | 147,524 | 155,102 | 5.1 | 20,997 | 21,994 | 23,081 | 24,358 | 25,204 | 26,201 | 12 |
| Bureau has not yet released intercensal population estimates that incorporate the results of the 2000 Decennial Census. BEA converted the April 1, 2000, Census Bureau population counts to a midyear 2000 basis and derived an interim set of population estimates for 1991-99 that are consistent with 1990 and 2000 population data. <br> 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 estimates. It differs from the estimate of personal income in the national 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. |  |  |  |  |  |  |  |  |

Table J.4.-Gross State Product (GSP) by Industry for States and Regions, 1999

| 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 | Govern. ment |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| United States |  | 9,308,983 | 125,441 | 111,797 | 416,354 | 1,500,806 | 779,647 | 643,284 | 856,364 | 1,792,090 | 1,986,918 | 1,096,282 |
| New England |  | 542,347 | 4,048 | 314 | 21,668 | 83,767 | 32,284 | 36,951 | 45,940 | 136,278 | 130,309 | 50,788 |
| Connecticut | 22 | 151,779 | 1,038 | 113 | 4,954 | 25,048 | 9,020 | 9,750 | 12,213 | 43,623 | 33,389 | 12,631 |
| Maine | 42 | 34,064 | 674 | 5 | 1,552 | 5.261 | 2,396 | 2,007 | 4,136 | 6,401 | 6,862 | 4,770 |
| Massachusetts | 11 | 262,564 | 1,429 | 98 | 10,861 | 36,569 | 14,833 | 19,560 | 20,581 | 64,279 | 70,462 | 23,892 |
| New Hampshire ........................................... | 38 | 44,229 | 320 | 39 | 1,822 | 9,792 | 2,551 | 2,936 | 4,361 | 10,254 | 8,689 | 3,466 |
| Rhode Island .............................................. | 44 | 32,546 | 214 | 12 | 1,724 | 4,098 | 2,187 | 1,710 | 2,949 | 8,678 | 7,074 | 3,899 |
| Vermont ......... | 49 | 17,164 | 374 | 47 | 754 | 2,998 | 1,298 | 989 | 1,700 | 3,043 | 3,832 | 2,129 |
| Mideast |  | 1,734,325 | 10,026 | 3,563 | 62,972 | 211,579 | 137,294 | 112,601 | 132,085 | 454,432 | 405,374 | 204,398 |
| Delaware | 41 | 34,669 | 292 | 2 | 1,486 | 4,914 | 1,752 | 1,382 | 2.455 | 13,813 | 5,379 | 3,194 |
| District of Columbia ..................................... |  | 55,832 | 17 | 21 | 468 | 1,300 | 2,853 | 757 | 1,577 | 7,294 | 20,512 | 21,032 |
| Maryland .................................................. | 16 | 174,710 | 1,440 | 145 | 9,451 | 14,216 | 13,096 | 10,800 | 15,677 | 37,179 | 42,217 | 30,491 |
| New Jersey | 8 | 331,544 | 1,749 | 257 | 12,627 | 39,335 | 31,534 | 30,757 | 25,461 | 78,417 | 77,836 | 33,570 |
| New York | 2 | 754,590 | 3,175 | 545 | 22,862 | 77,365 | 55,123 | 45,078 | 52,556 | 247,163 | 173,681 | 77,042 |
| Pennsylvania .................................................. | 6 | 382,980 | 3,353 | 2,593 | 16,079 | 74,449 | 32,935 | 23,826 | 34,359 | 70,566 | 85,749 | 39,070 |
| Great Lakes |  | 1,464,641 | 14,379 | 4,533 | 67,649 | 346,862 | 113,472 | 105,625 | 134,471 | 240,154 | 286,846 | 150,649 |
| llinois | 4 | 445,666 | 3,575 | 1,151 | 20,059 | 72,563 | 40,830 | 35,342 | 36,683 | 90,755 | 100,527 | 44,180 |
| Indiana | 15 | 182,202 | 1,820 | 761 | 9,235 | 56,294 | 13,845 | 11,157 | 16,853 | 23,744 | 30,219 | 18,273 |
| Michigan | 9 | 308,310 | 2,849 | 876 | 14,880 | 80,740 | 20,280 | 22,630 | 30,207 | 43,546 | 60,402 | 31,900 |
| Ohio ......................................................... | 7 | 361,981 | 2,973 | 1,519 | 15,645 | 93,409 | 26,659 | 25,814 | 35,102 | 56,156 | 66,058 | 38,648 |
| Wisconsin .................................................... | 20 | 166,481 | 3,162 | 226 | 7,830 | 43,856 | 11,858 | 10,682 | 15,626 | 25,953 | 29,639 | 17,648 |
| Plains |  | 601,905 | 15,043 | 3,291 | 28,803 | 109,036 | 57,025 | 47,316 | 57,682 | 95,926 | 116,828 | 70,956 |
| lowa | 30 | 85,243 | 3,000 | 218 | 3,759 | 19,058 | 7,231 | 6,700 | 7,705 | 12,865 | 14,450 | 10,258 |
| Kansas .................................................... | 31 | 80,843 | 2,304 | 1,022 | 3,711 | 13,598 | 10,093 | 6,426 | 8,318 | 10,389 | 14,105 | 10,876 |
| Minnesota | 17 | 172,982 | 3,004 | 804 | 8,585 | 31,319 | 13,183 | 14,210 | 16,310 | 31,974 | 35,994 | 17,599 |
| Missouri | 18 | 170,470 | 1,928 | 427 | 8,369 | 32,966 | 17,199 | 12,621 | 16,584 | 26,038 | 34,888 | 19,449 |
| Nebraska | 36 | 53,744 | 2,606 | 79 | 2,554 | 7,532 | 5,783 | 4,269 | 4,712 | 8,332 | 10,291 | 7,585 |
| North Dakota ................................................ | 50 | 16,991 | 701 | 611 | 931 | 1,526 | 1,753 | 1,573 | 1,747 | 2,404 | 3,290 | 2,455 |
| South Dakota .................................................. | 46 | 21,631 | 1,500 | 130 | 893 | 3,036 | 1,784 | 1,516 | 2,307 | 3,923 | 3,810 | 2,733 |
| Southeast |  | 2,023,742 | 29,951 | 27,617 | 98,337 | 337,901 | 181,644 | 140,640 | 205,076 | 331,203 | 399,457 | 271,917 |
| Alabama | 25 | 115,071 | 2,280 | 1,527 | 5,397 | 21,886 | 9,971 | 7,542 | 11,927 | 16,945 | 19,447 | 18,149 |
| Arkansas | 33 | 64,773 | 2,370 | 506 | 2,996 | 14,599 | 6,815 | 4,293 | 7,621 | 7,499 | 10,083 | 7,993 |
| Florida ..... | 5 | 442,895 | 7,838 | 878 | 22,406 | 31,716 | 38,082 | 33,880 | 50,610 | 95,440 | 108,007 | 54,039 |
| Georgia .................................................... | 10 | 275,719 | 3,697 | 1,244 | 13,744 | 46,781 | 31,476 | 24,967 | 25,743 | 42,230 | 53,029 | 32,808 |
| Kentucky | ${ }^{26}$ | 113,539 | 2,002 | 2.433 | 5,064 | 31,275 | 9,108 | 6,964 | 10,861 | 12.404 | 18,122 | 15,306 |
| Louisiana | 24 | 128,959 | 1,232 | 15,121 | 6,259 | 19,622 | 11,897 | 7,573 | 11,944 | 16,793 | 22,653 | 15,866 |
| Mississippi | 34 | 64,286 | 1,687 | 638 | 2,999 | 13,241 | 6,096 | 3,786 | 7,017 | 7,347 | 11,180 | 10,295 |
| North Carolina | 12 | 258,592 | 3,933 | 533 | 12,793 | 62,211 | 18,273 | 15,875 | 23,022 | 47,441 | 42,305 | 32,207 |
| South Carolina | 28 | 106,917 | 1,164 | 177 | 6,281 | 22,899 | 9,495 | 6,699 | 11,851 | 14,650 | 17,519 | 16,180 |
| Tennessee ..... | 19 | 170,085 | 1,492 | 510 | 7.462 | 35,392 | 14,141 | 12,996 | 19,439 | 24,019 | 35,089 | 19,546 |
| Virginia .................................................... | 13 | 242,221 | 1,994 | 1,084 | 11,086 | 31,779 | 21,679 | 13,845 | 20,977 | 41,832 | 54,741 | 43,205 |
| West Virginia ................................................. | 40 | 40,685 | 261 | 2,967 | 1,852 | 6,501 | 4,609 | 2,223 | 4,063 | 4,604 | 7,283 | 6,323 |
| Southwest |  | 968,362 | 14,329 | 49,117 | 45,952 | 140,037 | 97,433 | 71,545 | 95,296 | 145,119 | 192,998 | 116,537 |
| Arizona | 23 | 143.683 | 2,138 | 1.214 | 8.327 | 20,707 | 10,516 | 9,620 | 15,359 | 26,845 | 31,573 | 17,385 |
| New Mexico .................................................. | 37 | 51,026 | 1,049 | 4,281 | 2,022 | 8,527 | 3,753 | 2,146 | 4,795 | 6,689 | 9,170 | 8,594 |
| Oklahomà ..... | 29 | 86,382 | 1,944 | 4,257 | 3,316 | 14,604 | 7,958 | 5,206 | 9,035 | 10,564 | 15,723 | 13,774 |
| Texas ........... | 3 | 687,272 | 9,197 | 39,365 | 32,288 | 96,199 | 75,205 | 54,573 | 66,107 | 101,021 | 136,533 | 76,783 |
| Rocky Mountain ............................................ |  | 288,479 | 6,004 | 8,317 | 17,680 | 33,966 | 31,968 | 17,785 | 28,799 | 45,973 | 60,234 | 37,753 |
| Colorado .......... | 21 | 153,728 | 2,261 | 2,400 | 9,233 | 15,622 | 18,740 | 9,644 | 15,127 | 26,869 | 35,529 | 18,303 |
| Idaho | 43 | 34,025 | 1,776 | 188 | 2,261 | 7,344 | 2.667 | 2,183 | 3.481 | 4,018 | 5,545 | 4,562 |
| Montana | 47 | 20,636 | 828 | 754 | 1,158 | 1,544 | 2,461 | 1,354 | 2,137 | 2,818 | 4,195 | 3,385 |
| Utah ........................................................ | 35 | 62,641 | 697 | 1,143 | 4,092 | 8,311 | 5,514 | 3,894 | 6,708 | 10,299 | 12,935 | 9,047 |
| Wyoming ...................................................... | 48 | 17,448 | 443 | 3,831 | 936 | 1,144 | 2,585 | 709 | 1,346 | 1,968 | 2,029 | 2,455 |
| Far West ..... |  | 1,685,181 | 31,661 | 15,046 | 73,292 | 237,657 | 128,528 | 110,821 | 157,016 | 343,005 | 394,871 | 193,285 |
| Alaska | 45 | 26,353 | 449 | 5,301 | 1,225 | 1,113 | 4,392 | 791 | 1,867 | 2,671 | 3,419 | 5,124 |
| California .................................................. | 1 | 1,229,098 | 22,779 | 7,655 | 47,264 | 179,178 | 89,906 | 82,506 | 113,360 | 266,876 | 288,081 | 131,493 |
| Hawaii ......................................................... | 39 | 40,914 | 493 | 43 | 1,654 | 1,030 | 4,268 | 1,539 | 4,456 | 9,481 | 9,023 | 8,928 |
| Nevada .......................................................... | 32 | 69,864 | 512 | 1,519 | 7.147 | 2,884 | 5,587 | 3,234 | 7,266 | 11,803 | 22,729 | 7,182 |
| Oregon, ........ | 27 | 109,694 | 3,064 | 144 | 5,797 | 27,151 | 7,750 | 8,226 | 9,484 | 15,753 | 19,334 | 12,992 |
| Washington ..................................................... | 14 | 209,258 | 4,365 | 383 | 10,204 | 26,301 | 16,624 | 14,524 | 20,584 | 36,420 | 52,286 | 27,566 |

NoTE.-Totals shown for the United States differ from the national income and product account estimates of gross for military equipment, except office equipment. Also, GSP and GDP have different revision schedules.

personnel stationed abroad and government consumption of fixed capital for militany structures located adroad and 2001. Detailed estimates are available on BEA's Web site at <www.bea.doc.gov> under "State and local area data."

## K. Local Area Table

Table K.1.-Personal Income and Per Capita Personal Income by Metropolitan Area, 1997-99

| Area name | Personal income |  |  |  | Per capita personal income ${ }^{\text {1 }}$ |  |  |  | Area name | Personal income |  |  |  | Per capita personal income 1 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Millions of dollars |  |  | Percent change1998-99 | Dollars |  |  | Rank in <br> U.S. <br> 1999 |  | Millions of dollars |  |  | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Percent } \\ \text { change } \end{array} \\ \hline 1998-99 \\ \hline \end{array}$ | Dollars |  |  | Rank in <br> U.S. <br> 1999 |
|  | 1997 | 1998 | 1999 |  | 1997 | 1998 | 1999 |  |  | 1997 | 1998 | 1999 |  | 1997 | 1998 | 1999 |  |
| United States ${ }^{2}$ | 6,928,545 | 7,38 | 7,7 | 5.4 | 25,874 | 27,321 | 28,5 |  | Co | 2,056 | 45 | 2,184 | 8 | 17 | 27,559 | 28,291 | 88 |
| Metropolitan portion | 5,874,694 | 6,275,812 | 6,630,149 | 5.6 | 27,408 | 28,987 | 30,317 |  | Cumberland, MD-WV | 1,913 | 1,970 | 2,033 | 3.2 | 19,198 | 19,868 | 20,700 | 298 |
| Nonmetropolitan portion | 1,053,851 | 1,107,664 | 1,153,988 | 4.2 | 19,719 | 20,611 | 21,372 |  | Dallas, TX+ ............. | 96,196 | 105,999 | 113,794 | 7.4 | 30,859 | 33,096 | 34,690 | 23 |
|  |  |  |  |  |  |  |  |  | Danville, VA | 2,071 | 2,163 | 2,241 | 3.6 | 19,030 | 19,982 | 20,833 | 295 |
| Consolidated Metropolitan Statistical Areas |  |  |  |  |  |  |  |  | Davenport-Moline-Rock Island, IA-IL. | 8,766 | 9,268 | 9,397 | 1.4 | 24,534 | 25,903 | 26,186 | 139 |
|  |  |  |  |  |  |  |  |  | Dayton-Springlield, OH | 24,532 | 25,414 | 26,238 | 3.2 | 25,514 | 26,430 | 27,369 | 111 |
| Chicago-Gary-Kenosha, IL-IN-WI | 268,636 | 287,137 | 300,846 | 4.8 | 30,661 | $\left\lvert\, \begin{array}{\|c\|} 32,544 \\ 00,050 \end{array}\right.$ | $\left\|\begin{array}{c} 33,857 \\ 29,485 \end{array}\right\|$ |  |  |  |  |  |  |  |  |  |  |
| Cincinnati-Hamilton, OH | 51,476 7914 | 55,058 | 57,819 | 5.0 | 26,612 | $\left[\left.\begin{array}{l} 28,259 \\ 0,0 \end{array} \right\rvert\,\right.$ | $\begin{gathered} 29,485 \\ 29,905 \end{gathered}$ |  | Daytona Beach, FL Decatur, AL ......... | 9,787 3,076 | $\begin{array}{r}10,249 \\ 3.272 \\ \hline\end{array}$ | $\begin{array}{r}10,691 \\ 3,395 \\ \hline\end{array}$ | 4.3 3.8 | 21,241 21,711 | 21,913 22937 | 22.520 | 262 223 |
| Cleveland-Akron, OH | 79,514 135,784 | 83,910 149,021 | 87,042 159.469 | 3.7 | 27,267 | ${ }^{28,809}$ | 29,905 |  | Decatur, AL ............ | 3,776 2,778 | 3,272 2,925 | 3,395 3,078 | 3.8 5.2 | 21,711 | 22,937 | 23,668 27,188 | 223 119 |
| Denver-Boulder-Greeley, CO | 72,098 | 78,651 | 85,396 | 8.6 | 31,103 | 33,287 | 35,318 |  | Denver, CO* | 60,223 | 65,665 | 71,359 | 8.7 | 31,678 | 33,906 | 36,058 | 16 |
| Detroit-Ann Arbor-Flint, MI. | 152,659 | 161,651 | 170.312 | 5.4 | 28,052 | 29,645 | 31,140 |  | Des Moines, IA | 12,062 | 13,012 | 13,801 | 6.1 | 27,934 | 29,791 | 31,118 | 45 |
| Houston-Galveston-Brazoria, TX | 123,660 | 135,062 | 141,745 | 4.9 | 28,708 | 30,691 | 31,543 |  | Detroit, Mit .. | 126,336 | 133,887 | 140,825 | 5.2 | 28,278 | 29,956 | 31,472 | 42 |
| Los Angeles-Riverside-Orange Coun- |  |  |  |  |  |  |  |  | Dothan, AL | 2,761 | 2,929 | 3,064 | 4.6 | 20,565 | 21,770 | 22,653 | 260 |
| ty, CA | 397,751 | 425,958 | 449,834 | 5.6 | 25,558 | 26,966 | 28,050 |  | Dover, DE | 2,606 | 2,773 | 2,876 | 3.7 | 21,248 | 22,305 | 22,819 | 254 |
| Miami-Fort Lauderdale, FL | 89,755 | 94,768 | 99,018 | 4.5 | 24,870 | 25,902 | 26,682 |  | Dubuque, IA | 2,047 | 2,189 | 2,237 | 2.2 | 23,217 | 24,904 | 25,385 | 161 |
| Milwaukee-Racine, WI | 46,826 | 49,469 | 51,847 | 4.8 | 28,473 | 30,070 | 31,457 |  | Duluth-Superior, MN-WI | 5.453 | 5,786 | 6,044 | 4.5 | 22,933 | 24,454 | 25,566 | 157 |
| New Y |  |  |  |  |  |  |  |  | Dutchess County, NY* | 7,226 | 7,727 | 8, | 7.0 | 27,410 | 29,112 | 30,822 | 47 |
|  |  | 73 | 774,748 | 5.6 |  | 36,705 |  |  | Eau Claire, WI | 3,164 | 3,993 | 3,572 | 5.3 | 22,060 | 23,593 | 24,724 | 183 |
| Philadelphia-Wilmington-Atlantic City, |  |  |  |  |  |  |  |  | El Paso, TX | 10,977 | 11,653 | 12,084 | 3.7 | 16,016 | 16,777 | 17,216 | 314 |
| PA-NJ-DE-MD | 175,748 | 185,987 | 194,352 | 4.5 | $\begin{array}{\|c\|c\|c\|} 29,404 \\ 27 \end{array}$ | $\left.\begin{array}{\|c} 31,067 \\ 28.462 \end{array} \right\rvert\,$ | $\left\|\begin{array}{c} 32,997 \\ 29615 \end{array}\right\|$ |  | Elkhart-Goshen | 4,054 | 4,348 | 4,605 | 5.9 | 23,737 | 25,173 | 26,360 | 136 |
| Portand-Salem, OR-WA | 57,575 43,278 | 61,203 46.428 | 64,589 49736 | $\begin{aligned} & 5.5 \\ & 7.1 \end{aligned}$ | 25,216 | 28,462 | $\left\|\begin{array}{l} 29,615 \\ 28,568 \end{array}\right\|$ |  | Elimira, NY | 1,996 | 2,078 | 2,162 | 4.0 | 21,567 | 22,539 | 23,563 | 226 |
| Sacramento-Yolo, CA .................. | 235703 | -46,428 | - 289,7846 | 10.3 | 35,081 | 37,378 | 28,568 |  | Enid, OK | 1,261 | 1,327 | 1,342 | 1.1 | 22,208 | 23,313 | 23,559 | 227 |
| San Francisco-Oakland-San Jose, CA Seattle-Tacoma-Bremerton, WA | 235,703 | 254,671 | 280,844 | 10.3 8.9 | 35,081 30,177 | 37,378 |  |  | Erie, PA .....)....... | 6,323 | 6,505 | 6,768 | 4.0 | 22,622 | 23,391 | 24,433 | 198 |
| Seattle-Tacoma-Bremerton, WA |  | 111,582 | 121,483 | 8.9 | 30,17 | 32,60 | 35,052 |  | Eugene-Springfield, OR | 7,173 | 7,617 | 7,972 | 4.7 | 23,059 | 24,309 | 25,315 | 163 |
| W | 231,206 | 246,577 | 263,429 | 6.8 | 32,095 | 33,918 | 35,797 |  | Evansville-Henderson, $\mathbb{N}$ -Fargo-Moorhead, ND•MN | 7,117 3,914 | 7,607 4,203 | 7,918 4,450 | 4.1 5.9 | $\left\|\begin{array}{l} 24,531 \\ 23,485 \end{array}\right\|$ | 26,209 24,955 | $\begin{aligned} & 27,191 \\ & 26,155 \end{aligned}$ | 118 140 |
| Metropolitan Statistical Areas ${ }^{3}$ |  |  |  |  |  |  |  |  | Fayetteville, NC | 6,594 | 6,874 | 7,972 | 4.3 | 23,088 | 24,186 | 25,285 | 167 |
| Abilene, TX | 2,763 | 2.890 | 3.010 | 4.2 | 22,726 | 23,681 | 24,579 | 189 | Fayetteville-Spring | 5,912 | 6,384 | 6,901 | 8.1 | 21,58 | 22,893 | 24,213 | 206 |
| Akron, $\mathrm{OH}^{+}$ | 17,624 | 18,641 | 19,359 | 3.9 | 25,657 | 27,094 | 28,079 | 93 | Flagstaft, AZ-UT | 2,284 | 2,442 | 2,573 | 5.3 | 19,069 | 20,301 | 21,325 | 290 |
| Albany, GA | 2,461 | 2.563 | 2,630 | 2.6 | 20,952 | 21,758 | 22,394 | ${ }^{266}$ | Flint, M1* | 10,179 | 10,340 | 10,677 | 3.3 | 23,384 | 23,733 | 24,412 | 200 |
| Albany-Schenectady- | 22,781 | 24.131 | 25.136 | 4.2 | 26,101 | 27,717 | 28,909 | 78 | Florence, AL | 2,838 | 2,873 | 2,959 | 3.0 | 20,718 | 20,949 | 21,617 | 284 |
| Albuquerque, NM | 16,039 | $\begin{array}{r}16,757 \\ \hline\end{array}$ | 17,391 | 3.8 | 23,825 | 24,769 | ${ }_{23,619}$ | 154 | Florence, SC | 2,635 | 2,788 | 2,925 | 4.9 | 21,186 | 22,359 | 23,360 | 234 |
| Alexandria, LA ..................... | $\begin{array}{r}2,649 \\ \hline 16002 \\ \hline\end{array}$ | - ${ }^{26} 8.825$ | 2,918 17.613 | 3.3 | 20,964 | 22,335 | 23,020 | 246 | Fort Collins-Loveland, CO | 5,804 | 6,295 | 6,723 | 6.8 | 25,740 | 27,238 | 28,386 | 87 |
| entown-Bethilehem-Easton, PA | $\begin{array}{r}16,002 \\ 2 \\ \hline\end{array}$ | $\begin{array}{r}16.756 \\ 2 \\ \hline\end{array}$ | $\begin{array}{r}17,613 \\ 3 \\ \hline\end{array}$ | 4.8 | 21,219 | 27,199 | 28,483 | 868 | Fort Lauderdale, FL* | 40,674 | 43,207 | 45,208 | 4.6 | 27,541 | 28,656 | 29,442 | 70 |
| toona, PA | 4,666 | 4,956 | 5,145 | 3.8 | 22,639 | 23,934 | 24,652 | 187 | For Myers-Cape Corai, FL | 10,173 | 10.639 | 11,160 | 4.9 | 26,371 | 27,078 | 27,861 | 99 |
| Anchorage, AK | 8,018 | 8,433 | 8,717 | 3.4 | 31,899 | 32,992 | 33,813 | 25 | Fort Pierce-Port St. Lucie, FL | 8,080 | 8,545 | 8,891 | 4.0 | 27,744 | 28,937 | 29,641 | 64 |
| Ann Arbor, M1 ${ }^{*}$ | 16,143 | 17,423 | 18,811 | 8.0 | 29,949 | 31,810 | 33,750 |  | Fort Smith, AR-OK | 3,874 | 4,121 | 4,366 | 5.9 | 20,137 | 21,276 | 22,326 | 268 |
| Anniston, AL | 2,283 | 2.36 | 2,38 | . | 19,231 | 20,221 | 20,492 | 302 | Fort Walton Beach, FL | 3,890 | 4,054 | 4,204 | 3.7 | 23,204 | 24,053 | 24,720 | 184 |
| Appleton-Oshk | 8,534 | 9,063 | 9,632 | 6.3 | 24,952 | 26,280 | 27,670 | 101 | Fort Wayne, $\mathrm{IN}^{\text {che.......... }}$ | 12,026 | 12,724 | 13,248 | 4.1 | 25,191 | 26,440 | 27,355 | 113 |
| Asheville, NC | 5,161 | 5,518 | 5,747 | 4.1 | 24,465 | 25,879 | 26,706 | 128 | Fort Worth-Arington, TX | 39,589 | 43,022 | 45,675 | 5.2 | 25,473 | 27,028 | 28,035 | 95 |
| Athens, GA | 3,042 | 3,280 | 3,445 | 5.0 | 22,037 | 23,657 | 24,539 | 19 | Gressiden AL | 16,626 2,011 | 17,288 2 4 | $\begin{array}{r}18,279 \\ 2 \\ \hline 123\end{array}$ | 5.7 2.2 | 19,385 | 19,986 | 20.518 | 301 |
| Atlanta, GA ... | 105,565 | 116.171 | 125,302 | 7.9 | 29,064 | 31,028 | 32,486 | 33 44 | Gainesville. FL | 4,606 | 4,926 | 5,091 | 3.3 | 23,313 | 24,851 | 25,648 | 152 |
| Atlantic-Cape May, ${ }^{\text {NJ }}$ | 9,751 | $\begin{array}{r}10.220 \\ 1 \\ \hline\end{array}$ | 10,576 | 3.5 | 29,182 | 30,418 18,988 | 31,322 19,696 | 44 308 | Galiveston-Texas City, TX* | 5,766 | 6,145 | 6,285 | 2.3 | 23,796 | 25,082 | 25,296 | 165 |
| Austin-San Marcos, TX | 28,006 | 32.579 | 36,437 | 11.8 | 26,224 | 29,494 | 31,794 | 39 | Glens Falls, NY | 2,564 | 2,703 | 2,789 | 3.2 | 21,082 | 22,263 | 22,939 | 248 |
| Bakersfield, CA | 11,873 | 12,458 | 12,777 | 2.6 | 19,010 | 19,724 | 19,886 | 307 |  |  |  |  |  |  |  |  |  |
| Baltimore, MD* | 70,139 | 74 | 78,309 | 5.8 | 28,343 | 29,834 | 31 | 3 | Grand Forks, ND-M | 2,133 | 2,254 | 2,279 | 1.1 | 21,032 | 13,032 | 23,870 | 217 |
| Bangor, ME (NECMA) | 2,965 | 3,131 | 3,267 | 4.3 | 20,443 | 21,676 | 22,617 | 261 | Grand Junction, CO | 2,391 | 2,560 | 2,712 | 5.9 | 21,596 | 22,679 | 23,557 | 228 |
| Barsitable-Yarmouth, MA | 6,297 | 6,801 | 7,326 | 7.7 | 30,690 | 32,622 | 34,470 | 24 | Grand Rapids-Muskegon-Holland, MI | 26,028 | 27,613 | 29,055 | 5.2 | 25,317 | 26,584 | 27,616 | 106 |
| Baton Rouge, LA | 13.110 | 14,121 | 14,657 | 3.8 | 22,997 | 24,591 | 25,316 | 162 | Great Falls, M | 1,795 | 1.869 | 1,915 | 2.5 | 22,732 | 23,790 | 24,463 | 195 |
| Beaumont-Port Arthur, | 8,209 | 8,714 | 8,803 | 1.0 | 21,915 | 23,229 | 23,395 | 232 | Greeley, $\mathrm{CO}^{+}$ | 3,196 | 3,503 | 3,789 | 8.2 | 20,547 | 21,964 | 22,852 | 252 |
| Bellingham, WA | 3,336 | 3,548 | 3,724 | 5.0 | 21,536 | 22,561 | ${ }^{23,228}$ | 241 | Green Bay, WI | 5,728 | 6,035 | 6,301 | 4.4 | 26,756 | 28,079 | 29,102 | 75 |
| Benton Harbor, M1 | 3.755 | 3,855 | 4,065 | 5.5 | 23,411 | 24,117 | 25,454 | 159 | Greensboro-Winston-Salem-High |  |  |  |  |  |  |  |  |
| Bergen-Passaic, $\mathrm{NJ}^{*}$ | 49.184 | 51,584 | 54,521 | 5.7 | 36,883 | 38,568 | 40,623 | ${ }^{6}$ | Point, NC | 30,331 | 32.468 | 34,080 | 5.0 | 26,302 | 27,806 | 28,896 | 79 |
| Billings, MT | 2,921 |  | 3,214 | 4.1 | 23,193 | 24,449 | 25,253 | 169 | Greenville, NC | 2,827 | 2,932 | 2.974 | 1.4 | 22.718 | 23,158 | 23,239 | 239 |
| Biloxi-Gulfport-Pascagoula, MS | 6,972 | 7,683 | 8,020 | 4.4 | 20,232 | 22,060 | 22,707 | 258 | Greenville-Spartanburg-Anderson, SC | 20,521 | 21,948 | 23,117 | 5.3 | 22,639 | 23,904 | 24,869 | 180 |
| Binghamton, NY | 5,6 | 5,824 | 6,073 | 4.3 | 22,468 | 23,394 | 24,542 | 190 | Ha | 2,841 | 2,933 | 3,0 | 5.3 | 22,322 | 23,009 | 24,162 | 207 |
| Birmingham, AL | 22.994 | 24,305 | 25,527 | 5.0 | 25,505 | 26,732 | 27,896 | 98 | Hamilton-Middlietown, $\mathrm{OH}^{*}$. | 7,883 | 8,396 | 8,823 | 5.1 | 24,056 | 25,374 | 26,456 | 133 |
| Bismarck, ND | 2.03 | 2,173 | 2.267 | 4.3 | 22,408 | 23,750 | 24,660 | 186 | Harrisburg-Lebanon-Canisle, PA ... | 16,261 | 17,107 | 17,780 | 3.9 | 26,461 | 27,727 | 28,753 | 81 |
| Bloomington, IN | 2.509 | 2,678 | 2,801 | 4.6 | 21,640 | 22,978 | 23,957 | 212 | Hartiord, CT (NECMA) | 35,373 | 37,270 | 39,104 | 4.9 | 31,95 | 33,604 | 35,109 | 21 |
| Bloomingtor-Normal, | 3,676 | 3.910 | 4,211 | 7.7 | 25,943 | 27,275 | 28,947 | 77 | Hattiesburg, MS . | 2,061 | 2.192 | 2,290 | 4.5 | 18,829 | 19,652 | 20,256 | 303 |
| Boise Cily, ID | .75 | 10,372 | 11,178 | 7.8 | ,963 | 26,191 | 27,408 | 110 | Hickory-Morganton-L | 7,218 | 7,740 | 8,145 | 5.2 | 22,687 | 24.040 | 24,997 | 176 |
| Boston-Worcester-Lawrence-Low |  |  |  |  |  |  |  |  | Honolulu, HI | 24,604 | 24,967 | 25,475 | 2.0 | 28,180 | 28,640 | 29,465 | 69 |
| Brockton, MA-NH (NECMA) .......... | 185.695 | 199,622 | 214,141 | 7.3 | 31,869 | 34,044 | 36,285 | 15 | Houma, LA | 3,743 | 4,051 | 3,998 | -1.3 | 19,560 | 20,912 | 20,547 | 299 |
| Boulder-Longmont, $\mathrm{CO}^{*}$ | 8.679 | 9,483 | 10,248 | 8.1 | 33,198 | 35,561 | 37,523 | 14 | Houston, TX* | 112,925 | 123,578 | 129,901 | 5.1 | 29,393 | 31,470 | 32,386 | 34 |
| Brazoria, TX* | 4,969 | 5,339 | 5.559 | 4.1 | 22,253 | 23,330 | 23,724 | 221 | Huntington-Ashland, W-KY-OH ....... | 6,042 | 6,248 | 6,415 | 2.7 | 19,179 | 19,904 | 20,533 | 300 |
| Bremerton, WA* ....... | 5,225 | 5,377 | 5,654 | 5.2 | 22,4 | 23 | 23, | 215 | Huntsville, | 8,031 | 8,581 | 8,926 | 4.0 | 24,080 | 25,220 | 25,993 |  |
| Brownsville-Hartingen-San Benito, TX | 4,230 | 4,520 | 4,700 | 4.0 | 13,314 | 13,948 | 14,280 | 316 | Indianapolis, in | 40,994 | 44,507 | 46,904 | 5.4 | 27,240 | 29,304 | 30,523 | 52 |
| Bryan-College Station, TX | 2,546 | 2,738 | 2,846 | 3.9 | 19,258 | 20,599 | 21,206 | 292 | lowa City, IA | 2,667 | 2,869 | 3,055 | 6.5 | 26,172 | 27,974 | 29,425 | 71 |
| Butitalo-Niagara Fails, NY | 28,312 | 29,473 | 30,506 | 3.5 | 24,358 | 25,596 | 26,710 | 126 | Jackson, MI | 3,394 | 3,504 | 3,730 | 6.5 | 21,824 | 22,444 | 23,719 | 222 |
| Burlington, VT (NECMA) | 4,829 | 5,162 | 5,461 | 5.8 | 25,240 | 26,788 | 28,039 | 94 | Jackson, MS | 9,989 | 10,626 | 11,123 | 4.7 | 23,485 | 24,726 | 25,709 | 151 |
| Canton-Massillon, OH | 9,257 | 9,803 | 10,043 | 2.4 | 22,988 | 24,379 | 24,955 | 178 | Jackson, TN | 2,243 | 2,400 | 2,524 | 5.2 | 22,602 | 23,882 | 24,840 | 181 |
| Casper, WY | 1,735 | 1,826 | 1,922 | 5.2 | 27,229 | 28,879 | 30,427 | 56 | Jacksonville, FL | 26,444 | 28,516 | 29,182 | 2.3 | 25,688 | 27,321 | 27,625 | 104 |
| Cedar Rapids, IA ..... | 4,920 | 5,396 | 5,719 | 6.0 | 27,100 | 29,521 | 30,932 | 46 | Jacksonville, NC | 3.062 | 3,170 | 3,299 | 4.1 | 21,650 | 22,108 | 23,157 | 245 |
| Champaign-Urbana, IL | 3,915 | 4,109 | 4,296 | 4.6 | 22.962 | 24,192 | 25,233 | 170 | Jamestown, NY | 2,692 | 2,819 | 2,869 | 1.8 | 19,317 | 20,380 | 20,877 | 294 |
| Charleston-North Charleston, SC ....... | 10,946 | 11,794 | 12,684 | 7.5 | 20.498 | 21,750 | 22,944 | 247 | Janesville-Beloit, WI | 3,498 | 3,657 | 3,794 | 3.7 | 23,295 | 24,267 | 25,103 | 172 |
| Charleston, WV ............................. | 6,208 | 6,507 | 6,709 | 3.1 | 24,4 | 25,751 | 26,709 | 127 |  |  |  |  |  |  |  |  |  |
| Charlotte-Gastonia-Rock Hill, NC-SC | 36,668 | 40,086 | 42.998 | 7.3 | 27,148 | 28,994 | 30,340 | 59 |  | 14,104 9,468 | 14,784 9,881 | ${ }_{10,236}$ | 3.6 | 20,595 | 21,397 | 22,119 | 272 |
| Charlottesville, VA | 4,017 | 4,419 | 4,616 | 4.5 | 27,391 | 29,586 | 30,517 | 53 | Johnstown, PA | 4,689 | 4,822 | 5,042 | 4.6 | 19,708 | 20,450 | 21,564 | 285 |
| Chattanooga, TN-GA | 10,651 | 11,238 | 11,856 | 5.5 | 23,793 | 24,994 | 26,228 | 138 | Jonesboro, AR | 1,529 | 1,603 | 1,697 | 5.9 | 20,055 | 20,760 | 21,853 | 279 |
| Cheyenne, WY | 1,927 | 2,040 | 2.158 | 5.8 | 24,514 | 25,954 | 27,361 | 112 | Joplin, MO | 3,064 | 3,225 | 3,366 | 4.4 | 20,797 | 21,666 | 22,441 | 265 |
| Chicago, IL* | 248,178 | 265,552 | 278,241 | 4.8 | 31,452 | 33,406 | 34,743 | 22 | Kalamazoo-Battle Creek, MI . | 10,685 | 11,091 | 11,440 | 3.1 | 24,050 | 24,864 | 25,583 | 156 |
| Chico-Paradise, CA | 3,888 | 4,064 | 4,297 | 5.7 | 20,141 | 20,910 | 22,012 | 275 | Kankakee, IL. | 2,223 | 2,306 | 2,389 | 3.6 | 21,754 | 22,541 | 23,256 | 238 |
| Cincinnati, $\mathrm{OH}-\mathrm{KY}-\mathrm{IN}^{*}$ | 43,593 | 46,662 | 48,996 | 5.0 | 27,133 | 28,849 | 30,105 | 62 | Kansas City, MO-KS | 46,607 | 49,923 | 53,072 | 6.3 | 27,128 | 28,737 | 30,225 | 60 |
| Clarksville-Hopkinsvile, TN-KY ... | 3.916 | 4,091 | 4,329 | 5.8 | 19,815 | 20,498 | 21,500 | 289 | Kenosha, W1* | 3,363 | 3,607 | 3,820 | 5.9 | 23,523 | 24,985 | 26,111 | 141 |
| Cleveland-Lorain-Elyria, $\mathrm{OH}^{*}$..... | 61,890 | 65,269 | 67,683 | 3.7 | 27.763 | 29,339 | 30,472 | 55 | Killeen-Temple, TX ... | 6,072 | 6,340 | 6,713 | 5.9 | 20,567 | 21,349 | 22,654 | 259 |
| Colorado Springs, CO ............... | 11,68 | 12,7 | 13,6 | 6.7 | 24,356 | 26,071 | 27 | 116 | Knoxvis |  | 16 |  | 46 | 23396 | 24,694 |  | 55 |
| Columbia, MO | 3,125 | 3,321 | 3,459 | 4.1 | 24,441 | 25,754 | 26,568 | 129 | Kokomo, IN | 2,483 | 16,45 2,591 | $\stackrel{1}{2} \mathbf{7 3 4}$ | 5.5 | 24,775 | 25,896 | 27,233 | 117 |
| Columbia, SC | 12,387 | 13,385 | 14,168 | 5.9 | 24,670 | 26,248 | 27,444 | 109 | La Crosse, WI-MN | 2,848 | 3,041 | 3,156 | 3.8 | 23,482 | 24,991 | 25,886 | 148 |
| Coiumbus, GA-AL | 5,807 | 6,219 | 6,500 | 4.5 | 21,347 | 22,907 | 23,950 | 213 | Lafayette, LA ......... | 7,656 | 8.144 | 8,121 | -. 3 | 20,588 | 21,707 | 21,528 | 287 |
| Columbus, OH | 39,361 | 42,028 | 44,353 | 5.5 | 27,048 | 28,531 | 29,777 | 63 | Lafayette, $\mathbb{N}$ | 3,845 | 4,043 | 4,187 | 3.6 | 22,393 | 23,174 | 23,867 | 218 |
| Corpus Christi, TX .......................... | 7,862 | 8,264 | 8,491 | 2.8 | 20,439 | 21,383 | 21,936 | 276 | Lake Charles, LA .......................... | 3,826 | 4,036 | 4,116 | 2.0 | 21,347 | 22,408 | 22,792 | 255 |

See footnotes at the end of the table.

Table K.1.-Personal Income and Per Capita Personal Income by Metropolitan Area, 1997-99-Continued

| Area name | Personal income |  |  |  | Per capita personal income ${ }^{\text {I }}$ |  |  |  | Area name | Personal income |  |  |  | Per capita personal income ${ }^{1}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Millions of dollars |  |  | Percent change | Dollars |  |  | Rank in U.S. <br> 1999 |  | Millions of dollars |  |  | Percent change\| 1998-99| | Dollars |  |  | $\begin{array}{\|c} \begin{array}{c} \text { Rank in } \\ \text { U.S. } \end{array} \\ \hline 1999 \end{array}$ |
|  | 1997 | 1998 | 1999 | 1998-99 | 1997 | 1998 | 1999 |  |  | 1997 | 1998 | 1999 |  | 1997 | 1998 | 1999 |  |
| Lakeland-Winter Haven, FL | 9,333 | 10,056 | 10,6 | 5.9 | 20,893 | 22,217 | 23,2 | 236 | Ric | 26,093 | 27,779 | 29,413 | 5.9 | 27,676 | 29,174 | 30,593 | 51 |
| Lancaster, PA | 11,363 | 12,014 | 12,563 | 4.6 | 25,048 | 26,307 | 27,309 | 114 | Riverside-San Bernardino, CA**... | 61,591 | 66,105 | 70,604 | 6.8 | 20,201 | 21,210 | 22,060 | 274 |
| Lansing-East Lansing, MI | 10,643 | 10,826 | 11,458 | 5.8 | 23,633 | 24,043 | 25,419 | 160 | Roanoke, VA ........................... | 5,919 | 6,254 | 6,488 | 3.7 | 25,906 | 27,437 | 28,491 | 85 |
| Laredo, TX ..................... | 2,407 | 2,583 | 2,726 | 5.5 | 13,345 | 13,828 | 14,112 | 317 | Rochester, MN | 3,260 | 3,589 | 3,853 | 7.4 | 28,456 | 30,690 | 32,359 | 35 |
| Las Cruces, NM | 2,613 | 2,789 | 2.897 | 3.8 | 15,701 | 16,508 | 17,003 | 315 | Rochester | 28,344 | 29,453 | 30,389 | 3.2 | 26,162 | 27,251 | 28,162 | 90 |
| Las Vegas, NV-AZ | 33,759 | 37,416 | 40,723 | 8.8 | 26,786 | 28,334 | 29,486 | 68 | Rockiord, IL | 8,720 | 9,176 | 9,498 | 3.5 | 24,556 | 25,708 | 26,484 | 132 |
| Lawrence, KS ........ | 1,890 | 2,018 | 2,130 | 5.6 | 19,921 | 20,896 | 21,658 | 283 | Rocky Mount, NC | 3,141 | 3,283 | 3,163 | -3.7 | 21,616 | 22,500 | 21,510 | 288 |
| Lawton, OK | 2,202 | 2,300 | 2,360 | 2.6 | 20,253 | 21,264 | 22,134 | 270 | Sacramento, CA* | 39,412 | 42,394 | 45,530 | 7.4 | 25,796 | 27,276 | 28,718 | 83 |
| Lewiston-Auburn, ME (NECMA) | 2,214 | 2,318 | 2,388 | 3.0 | 21,934 | 22,892 | 23,570 | 225 | Saginaw-Bay City-Midiand, MI | 9,681 | 10,005 | 10,424 | 4.2 | 24,061 | 24,914 | 26,012 | 143 |
| Lexington, KY | 11,288 | 12,177 | 12,831 | 5.4 | 25,432 | 27,089 | 28,161 | 91 209 | St. Cloud, MN ..................... | 3,334 | 3,708 | 3,831 | 3.3 | 20,600 | 22,770 | 23,231 | 240 |
| Lima, $\mathrm{OH}^{\text {H }}$ | 3,775 | 3,547 | 3,709 | 4.6 | 21,797 | 22,987 | 24,072 | 209 84 | St. Joseph, MO | 2,101 | 2,199 | 2,310 | 5.1 | 21,629 | 22,591 | 23,764 | 220 |
| Lincoln, NE ...................... | 5,996 | 6,440 | 6,772 | 5.2 | 25,693 | 27,340 | 28,493 | 84 107 | St. Louis, MO-IL | 71,103 | 75,109 | 78,051 | 3.9 | 27,798 | 29,321 | 30,382 | 57 |
| Little Rock-North Little Rock, AR ...... | 13.748 | 14,656 | 15.414 | 5.2 | 24,975 | 26.445 | 27,571 | 107 | Salem, $\mathrm{OR}^{*}$...... | 7,142 | 7,565 | 7,973 | 5.4 | 21,989 | 22,903 | 23,789 | 219 |
| Longview-Marshall, TX ..................... | 4,442 | 4,661. | 4,792 | 2.8 | 21,429 | 22,348 | 22,872 | 251 | Salinas, CA | 9,633 | 10,358 | 10,927 | 5.5 | 26,842 | 28,252 | 29,393 | 72 |
| Los Angeles-Long Beach, CA* | 235,075 | 251,637 | 263,815 | 4.8 | 25,758 | 27,281 | 28,276 | 89 |  | 29,318 | 31,235 | 32,967 | 5.5 | 23,435 | 24,725 | 25,855 | 149 |
| Louisvile, KY - IN . | 25,985 | 28,009 | 29,514 | 5.4 | 26,141 | 28,041 | 29,342 | 73 | Sait Lake City-Ogden, UT ................ | 2,211 | 2, 323 | 2,399 | 5.5 3.3 | 21.613 | 22,622 | 23,855 | 149 231 |
| Lubbock, TX | 5,129 | 5,419 | 5,574 | 2.9 | 22,294 | 23,747 | 24,459 | 196 | San Angeio, IX | 34,572 | 36,765 | 38,680 | 5.2 | 22,831 | 23,872 | 24,716 | 185 |
| Lynchburg, VA | 4.427 7.076 | 4,694 | 4,939 | 5.2 5.0 | 21,402 22,383 | 22,605 23,449 | 23,649 | 224 198 | San Diego, CA | 70,957 | 76,840 | 83,183 | 8.3 | 26,067 | 27,779 | 29,489 | 67 |
| Macon, GA - | 7,076 12,142 | 7,484 12,994 | $\begin{array}{r}7,857 \\ 13,714 \\ \hline\end{array}$ | 5.0 | 22,383 | 23,449 30,599 | 24,433 | 198 37 | San Francisco, CA* | 70,441 | 77,548 | -83,768 | 8.0 | 42.150 | 46,071 | 49,695 | 1 |
| Mansfield, OH | 3,733 | 3,861 | 3,975 | 3.0 | 21,084 | 21,831 | 22,509 | 263 | San Jose, CA** .............................. | 61,593 | 66,341 | 76,850 | 15.8 | 37,981 | 40,406 | 46,649 | 2 |
| McAllen-Edinburg-Mission, TX | 6,297 | 6,746 | 7.135 | 5.8 | 12,493 | 12,982 | 13,339 | 318 | San Luis Obispo-Atascadero-Paso |  |  |  |  |  |  |  |  |
| Medford-Ashland, OR | 3,760 | 3,980 | 4,220 | 6.0 | 22,044 | 22,976 | 24,004 | 211 | Robles, CA ........... | 5,452 | 5,824 | 6,134 | 5.3 | 23,559 | 24,879 | 25,888 | 147 |
| Melbourne-Titusville-Palm Bay, FL ..... | 10,581 | 11,051 | 11,421 | 3.4 | 23,045 | 23,775 | 24,282 | 205 | Santa Barbara-Santa Maria-Lompoc, CA | 10,507 | 11,259 | 11,817 | 5.0 | 27,164 | 28,909 | 30,218 | 61 |
| Memphis, TN-AR-MS | 28,090 | 30,361 | 31.857 | 4.9 | 25,961 | 27,793 | 28,828 | 80 | Santa Cruz-Watsonville, CA* ............. | 7,140 | 7,589 | 8,224 | 8.4 | 29,890 | 31,204 | 33,539 | 28 |
| Merced. CA | 3.369 | 3.520 | 3,687 | 4.8 | 17,377 | 17,842 | 18,367 | 312 | Santa Fe, NM | 3,893 | 4,196 | 4,366 | 4.0 | 27,855 | 29,739 | 30,634 | 50 |
| Miami, FL* | 49,081 | 51,561 | 53,811 | 4.4 | 23,020 | 23,972 | 24,733 | 182 |  |  |  |  |  |  |  |  |  |
| Middilesex-Somerset-Hunterdon, $\mathrm{NJ}^{*}$ | 39,916 | 42,910 | 45,189 | 5.3 | 36,137 | 38,405 | 39,969 | 7 | Santa Rosa, CA* | 12,445 | 13,224 | 14,296 | 8.1 | 29,183 | 30,485 | 32,492 | 32 |
| Milwaukee-Waukesha, W1* | 41,976 | 44,379 | 46.512 | 4.8 | 28,760 | 30,405 | 31,805 | 38 | Sarasota-Bradenton, FL | 17,634 | 18,852 | 19,626 | 4.1 | 32,943 | 34,719 | 35,679 | 17 |
| Minneapolis-St. Paul, MN-WI | 88,287 | 95.516 | 101,242 | 6.0 | 31,587 | 33,746 | 35,250 | 20 | Savannah, GA | 6,774 | 7,332 | 7,653 | 4.4 | 23,879 | 25,703 | 26,534 | 131 |
| Missoula, MT | 1,955 | 2,085 | 2,187 | 4.9 | 22,006 | 23,446 | 24,476 | 194 | Scranton-Wilkes-Barre-Hazleton, PA | 14,151 | 14,546 | 15,031 | 3.3 | 22,782 | 23,609 | 24,581 | 188 |
| Mobile, AL | 10,667 | 11,274 | 11,681 | 3.6 | 20,242 | 21,202 | 21,814 | 280 | Seattle-Bellevue-Everett, WA* | 76,080 | 84,64 ${ }^{1}$ | 93,116 | 10.0 | 33,484 | 36,616 | 39,880 | 8 |
| Modesto, CA | 8,512 | 9,100 | 9,517 | 4.6 | 20,295 | 21,318 | 21,790 | 282 | Sharon, PA | 2,475 | 2,565 | 2,656 | 3.5 | 20,274 | 21,063 | 21,864 | 278 |
| Monmouth-Ocean, $\mathrm{NJ}^{*}$ | 32,675 | 34,897 | 36,620 | 4.9 | 30,278 | 31,919 | 33,021 | 30 | Sheboygan, WI ............................... | 2,692 | 2,871 | 3,051 | 6.3 | 24,516 | 26,101 | 27,705 | 100 |
|  |  |  |  |  |  |  |  |  | Sherman-Denison, TX ..................... | 2,176 | 2,314 | 2,440 | 5.4 | 21,616 | 22,685 | 23,521 | 230 |
| Monroe, LA | 2,942 | 3,100 | 3,246 | 4.7 | 20,016 | 21,115 | 22,128 | 271 | Shreveport-Bossier City, LA .............. | 8,358 | 8,771 | 9,084 | 3.6 | 22,006 | 23,232 | 24,053 | 210 |
| Montgomery, AL | 7,478 | 7.855 | 8,266 | 5.2 | 23,416 | 24,426 | 25,637 | 153 | Sioux City, IA-NE ........................... | 2,766 | 2,938 | 3,032 | 3.2 | 22,957 | 24,414 | 25,144 | 171 |
| Muncie, IN | 2,609 | 2.716 | 2,813 | 3.6 | 22,160 | 23,347 | 24,362 | 203 |  |  |  |  |  |  |  |  |  |
| Myrtle Beach, SC | 3,765 | 4,061 | 4,373 | 7.7 | 22,226 | 23,266 | 24,492 | 193 | Sioux Falls, SD | 4,313 | 4,663 | 4,991 | 7.0 | 27,270 | 28,989 | 30,341 | 58 |
| Naples, FL | 8.121 | 8,834 | 9,288 | 5.1 | 42,117 | 44,217 | 44,862 |  | South Bend, ${ }^{\text {IN }}$ | 6,270 | 6,659 | 6,919 | 3.9 | 24,288 | 25,791 | 26,761 | 124 |
| Nashville, TN | 31,474 | 33,867 | 35,750 | 5.6 | 27,677 | 29,306 | 30,510 | 54 | Spokane, WA | 9,152 | 9,538 | 9,985 | 4.7 | 22,567 | 23,365 | 24,368 | 202 |
| Nassau-Sutfolk, NY* | 95,132 | 99,841 | 104,197 | 4.4 | 35,771 | 37,372 | 38,751 | 11 | Springtield, IL | 5,240 | 5,516 | 5,713 | 3.6 | 25,699 | 27,036 | 28,000 | 96 |
| New Haven-Bridgeport-Stamford-Dan- |  |  |  |  |  |  |  |  | Springtield, MO | 6,766 | 7,221 | 7,562 | 4.7 | 22,474 | 23,697 | 24,525 | 192 |
| bury-Waterbury, CT* | 65,653 | 70,443 | 73,991 | 5.0 | 40,378 | 43,207 | 45,267 | , | Springtield, MA (NECMA) | 14,627 | 15,295 | 15,995 | 4.6 | 24,763 | 25,938 | 27,149 | 120 |
| New London-Norwich, CT (NECMA) | 7,291 | 7,649 | 7,817 | 2.2 | 29,130 | 30,972 | 31,771 | 40 | State College, PA | 2,921 | 3,052 | 3,187 | 4.4 | 22,049 | 23,122 | 24,107 | 208 |
| New Orleans, LA ..... | 31,462 | 33,175 | 33,890 | 2.2 | 24,069 | 25,394 | 25,960 | 146 | Steubenville-Weirton, | 2,625 | 2,763 | 2.819 | 2.0 | 19,227 | 20,527 | 21,151 | 293 |
|  |  |  |  |  |  |  |  |  | Stockton-Lodi, CA | 11,002 | 11,420 | 12,133 | 6.2 | 20,375 | 20,775 | 21,544 | 286 |
| New York, NY* | 298,362 | 318,126 | 338,168 | 6.3 | 34,492 | 36,653 | 38,814 | 10 | Sumter, SC | 1,888 | 1,966 | 2,050 | 4.3 | 16,944 | 17,506 | 18,238 | 313 |
| Newark, NJ** | 67,668 | 72,186 | 75,676 | 4.8 | 34,830 | 37,055 | 38,715 | 12 |  |  |  |  |  |  |  |  |  |
| Newburgh, NY-PA* | 8,539 | 9,111 | 9,596 | 5.3 | 23,345 | 24,628 | 25,553 | 158 | Syracuse, NY | 16,982 | 17,707 | 18,335 | 3.5 | 22,991 | 24,097 | 25,017 | 174 |
| Norfolk-Virginia Beach-Newport News, |  |  |  |  |  |  |  |  | Tacoma, WA* | 15,573 | 16,531 | 17,420 | 5.4 | 23.490 | 24,455 | 25,289 | 166 |
| VA-NC ..... | 35,458 | 37,229 | 39,034 | 4.8 | 22,883 | 24,012 | 24,979 | 177 | Tallahassee, FL ,............................. | 6,084 | 6,524 | 6,825 | 4.6 | 23,550 | 25,177 | 26,252 | 137 |
| Oakland, CA* | 72,106 | 77,261 | 83,769 | 8.4 | 31,741 | 33,374 | 35,666 | 18 | Tampa-St. Petersburg-Clearwater, FL | 57,336 | 60,882 | 64,120 | 5.3 | 25.769 | 27,006 | 28,145 | 92 |
| Ocala, FL | 4,842 | 5,207 | 5,440 | 4.5 | 20,539 | 21,581 | 22.115 | 273 | Terre Haute, IN | 2,991 | 3,155 | 3,286 | 4.1 | 20,049 | 21,226 | 22,170 | 269 |
| Odessa-Midland, TX | 5,859 | 6,198 | 6,056 | -2.3 | 24,382 | 25,410 | 24,999 | 175 | Texarkana, TX-Texarkana, AR | 2,499 | 2,572 | 2,680 | 4.2 | 20,293 | 20,940 | 21,811 | 281 |
| Oklahoma City, OK | 23,010 | 24,433 | 25,568 | 4.6 | 22,335 | 23,542 | 24,437 | 197 | Toledo, OH | 15,355 | 15,896 | 16,496 | 3.8 | 25,155 | 26,059 | 27,087 | 121 |
| Olympia, WA* | 4,749 | 5,033 | 5,293 | 5.2 | 23,778 | 24,883 | 25,760 | 150 | Topeka, KS | 4,114 | 4,337 | 4,507 | 3.9 | 24,282 | 25,457 | 26,394 | 134 |
| Omaha, NE-IA .... | 19,050 | 20,200 | 21,450 | 6.2 | 27,717 | 29,146 | 30,692 | 48 | Trenton, $\mathrm{NJ}^{*}$ Tucson, AZ | 11,631 16,809 | 12,441 18,049 | 13,230 | 6.3 | 35,260 21,587 | 22,837 | 39,626 23,911 | 9 214 |
| Orange County, $\mathrm{CA}^{*}$ | 81,395 | 87,626 | 93,333 | 6.5 | 30,536 | 32,171 | 33,805 | 26 |  |  |  |  |  |  |  |  |  |
| Orlando, FL ........ | 35,321 | 38,384 | 40,782 | 6.2 | 24,124 | 25,541 | 26,568 | 129 | Tulsa, OK | 19,477 | 21,140 | 21,740 | 2.8 | 25,468 | 27,219 | 27,654 | 103 |
| Owensboro, KY | 1,962 | 2,041 | 2,132 | 4.5 | 21,599 | 22,437 | 23,383 | 233 | Tuscaloosa, AL | 3,349 | 3,587 | 3,746 | 4.4 | 20,947 | 22,314 | 23,207 | 244 |
| Panama City FL | 3,126 | 3,267 | 3,361 | 2.9 | 21,361 | 22,264 | 22,719 | 257 | Tyler, TX | 4,018 | 4,346 | 4,533 | 4.3 | 24,249 | 25,860 | 26,711 | 125 |
| Parkersburg-Marietta, WV-OH | 3,232 | 3,338 | 3,409 | 2.2 | 21,442 | 22,249 | 22,826 | 253 | Utica-Rome, NY | 6,277 | 6,556 | 6,806 | 3.8 | 21,101 | 22,246 | 23,225 | 242 |
| Pensacola, FL ... | 8,295 | 8,791 | 9,067 | 3.1 | 21,063 | 21,879 | 22.476 | 264 | Vallejo-Fairfield-Napa, CA* | 11,980 | 12,709 | 13,937 | 9.7 | 24,498 | 25,608 | 27,506 | 108 |
| Peoria-Pekin, IL | 8,702 | 9,193 | 9,458 | 2.9 | 25,155 | 26,567 | 27,297 | 115 | Ventura, $\mathrm{CA}^{*}$ | 19,689 | 20,591 | 22,083 | 7.2 | 27,265 | 28,124 | 29,639 | 65 |
| Philadetphia, PA-NJ* | 146,477 | 154,869 | 161,501 | 4.3 | 29,635 | 31,316 | 32,627 | 31 | Victoria, TX | 1,867 | 2,003 | 2,075 | 3.6 | 23,149 | 24,525 | 25,273 | 168 |
| Phoenix-Mesa, AZ | 71,071 | 77,606 | 83,228 | 7.2 | 25,013 | 26,480 | 27,617 | 105 | Vineland-Milville-Bridgeton, $\mathrm{NJ}{ }^{*}$ | 3,032 | 3,110 | 3,208 | 3.1 | 21,514 | 22,155 | 22,894 | 249 |
| Pine Bluff, AR | 1,516 | 1,581 | 1,627 | 2.9 | 18,466 | 19,381 | 20,141 | 305 | Visalia-Tulare-Porterville, CA | 6,182 | 6,598 | 6,929 | 5.0 | 17,654 | 18,609 | 19,329 | 309 |
|  |  |  |  |  |  |  |  |  | Waco, TX ........................ | 4,241 | 4,498 | 4,755 | 5.7 | 20,956 | 22,135 | 23,281 | 237 |
| Pittsburgh, PA | 63,415 | 65,697 | 68,977 | 5.0 | 26,878 | 28,014 | 29,587 | 66 |  |  |  |  |  |  |  |  |  |
| Pittsfield, MA (NECMA) | 3,517 | 3.707 | 3,848 | 3.8 | 26,267 | 27,904 | 29.103 | 74 | Washington, DC-MD-VA-WV* | 158,227 | 169,627 | 182,032 | 7.3 | 34,384 | 36,390 | 38,403 | 13 |
| Pocatello, ID | 1,399 | 1,456 | 1,516 | 4.1 | 18.917 | 19,606 | 20,252 | 304 | Waterloo-Cedar Falls, IA | 2,840 | 2,969 | 2,988 | . 6 | 23,407 | 24,551 | 24,905 | 179 |
| Portland, ME (NECMA) | 7,143 | 7,611 | 8,074 | 6.1 | 28,331 | 29,913 | 31,484 | 41 | Wausau, WI | 2,879 | 3,060 | 3,214 | 5.1 | 23,554 | 24,859 | 26,009 | 144 |
| Portland-Vancouver, OR-WA* | 50,433 | 53,638 | 56,616 | 5.6 | 28,164 | 29,471 | 30,672 | 49 | West Palm Beach-Boca Raton, FL | 39,883 | 42,145 | 43,978 | 4.3 | 39,304 | 40,803 | 41,907 | 5 |
| Providence-Wanwick-Pawtucket. RI |  |  |  |  |  |  |  |  | Wheeling, WV-OH ...................... | 3,168 | 3,327 | 3.440 | 3.4 | 20,309 | 21,418 | 22,349 | 267 |
| (NECMA) | 23,838 | 25,104 | 26,326 | 4.9 | 26,371 | 27,736 | 29,000 | 76 | Wichita, KS | 13,467 | 14,424 | 14,769 | 2.4 | 25,220 | 26,521 | 26,916 | 123 |
| Provo-Orem, UT | 5,600 | 6,098 | 6,521 | 6.9 | 17,001 | 17,941 | 18,793 | 310 | Wichita Falls, TX | 3,065 | 3,208 | 3,331 | 3.8 | 22,390 | 23,453 | 24,406 | 201 |
| Pueblo, CO | 2,715 | 2,876 | 3,003 | 4.4 | 20,497 | 21,315 | 21,924 | 277 | Williamsport, PA | 2,446 | 2,558 | 2,659 | 4.0 | 20,715 | 21,784 | 22,784 | 256 |
| Punta Gorda, FL | 3,061 | 3,193 | 3,337 | 4.5 | 23,134 | 23,692 | 24,356 | 204 | Wilmington-Newark, DE-MD* .... | 16,487 | 17,788 | 19,067 | 7.2 | 29,484 | 31,488 | 33,368 | 29 |
| Racine, Wl ${ }^{*}$....................... | 4,850 | 5,090 | 5,335 | 4.8 | 26,208 | 27,434 | 28.720 | 82 | Wilmington, NC .............................. | 4,956 | 5,301 | 5,621 | 6.0 | 23,295 | 24,285 | 25,309 | 164 |
| Raleigh-Durham-Chapel Hill, NC | 30,216 | 32,945 | 35,436 | 7.6 | 28,758 | 30,525 | 32,054 | 36 | Yakima, WA | 4,334 | 4,524 | 4,595 | 1.6 | 20,047 | 20,674 | 20,811 | 296 |
| Rapid City, SD ..... | 1,980 | 2,073 | 2,211 | 6.6 | 22,765 | 23,738 | 25,088 | 173 | Yolo, CA* | 3,866 | 4,034 | 4,206 | 4.3 | 25,519 | 26,315 | 27,037 | 122 |
| Reading, PA ..... | 9,180 | 9,635 | 10,002 | 3.8 | 25,941 | 27,082 | 27,921 | 97 | York, PA | 9,085 | 9,556 | 9,931 | 3.9 | 24,497 | 25,572 | 26,370 | 135 |
| Redding, CA ... | 3,457 | 3,582 | 3,764 | 5.1 | 21,262 | 21,820 | 22,880 | 250 | Youngstown-Warren, OH ..... | 13,256 | 13,674 | 14,080 | 3.0 | 22,244 | 23,057 | 23,895 | 216 |
| Reno, NV ........ | 9,729 | 10,597 | 11,303 | 6.7 | 31,765 | 33,857 | 35,343 | 19 | Yuba City, CA | 2,571 | 2,703 | 2,942 | 8.8 | 18,822 | 19,727 | 21,313 | 291 |
| Richland-Kennewick-Pasco, WA ......... | 3,977 | 4,128 | 4,287 | 3.8 | 21,990 | 22,603 | 23,219 | 243 | Yuma, AZ | 2,216 | 2,459 | 2,502 | 1.8 | 17,172 | 18,639 | 18,452 | 311 |

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

1997-99 refiect county population estimates available as of March 2000 .
2. The personal income level shown for the United States is derived as the sum of the con's ectional of dif
difers from the estimate of personal income in the national income and product accounts (NIPA's) because of dif differs from the estimate of personal income in the national income and product accounts (NiPA's) because of dif-
ferences 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 Federa
3. Includes Metropolitan Statistical Areas, Primary Metropolitan Statistical Areas (PMSA's designated by "), and New England County Metropolitan Areas (NECMA's). The New Haven-Bridgeport-Stamford-Danbury-Waterbury, CT NECMA is presented as a PMSA (part of the New York CMSA).
Source. Table 1 in "Local Area Personal Income, 1997-99" in the May 2001 issue of the Survey of Current
Business. BUSINESS.

## L. Charts

$\qquad$
SELECTED REGIONAL ESTIMATES


U.S. Bureau of Economic Analysis

## SELECTED REGIONAL ESTIMATES



PERSONAL INCOME: PERCENT CHANGE, 2001:1-2001:II

U.S. Bureau of Economic Andelith

## 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 current-dollar GDP component equaled $\$ 100$ in 1996 and if real output for this component

[^56]increased by 10 percent in 1997, then the "chained (1996) dollar" value of this component 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, $t-o$ ).

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

## Reconciliation Tables

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

| LPercent change from preceding period] |
| :--- |

${ }^{\circ}$ Preliminary.

1. Includes BLS data on compensation and hours of nonfarm proprietors and hours worked of unpaid tamily workers.
2. Includes BEA use of non-BLS data and differences in detailed weighting. Annual estimates also include differences in BEA and BLS benchmark procedures; quarterly estimates also include
differences in seasonal adjustment procedures,
3. These estimates differ from the BEA-derived estimates (first line) because the 8LS 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, Services, and Income in the ITA's
[Billions of dollars]

| [Billions of dollars] |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Line | 1999 | 2000 | Seasonally adjusted at annual rates |  |  |  |  |  |
|  |  |  |  | 2000 |  |  |  | 2001 |  |
|  |  |  |  | 1 | 11 | III | IV | 1 | 11 |
| Exports of goods, services, and income receipts, ITA's ............................................... | 1 | 1,242.7 | 1,418.6 | 1,358.6 | 1,420.3 | 1,444.9 | 1,450.5 | 1,418.5 | 1,353.3 |
| Less: Gold, ITA's.. | 2 | 5.3 | 6.0 | 9.6 | 3.7 | 4.3 | 6.5 | 6.7 | 7.6 |
| Statistical differences ${ }^{1}$ | 3 | 0 | 0 | 0 | 0 | 0 | 0 | -3.1 | -3.2 |
| Other items ...................................................................................................................................................... | 4 | 1.0 | 1.2 | 1.3 | 1.2 | 1.5 | 0.9 | 1.2 | 1.1 |
| Plus: Adjustment for grossing of parent/affiliate interest payments. | 5 | 4.5 | 6.2 | 6.0 | 6.1 | 6.5 | 6.5 | 8.4 | 6.6 |
| Adjustment for U.S. territories and Puerto Rico Services furnished without payment by financial intermediaries except life insurance carriers. | 6 7 | 46.7 15.9 | 48.3 21.2 | 47.4 18.7 | 45.4 20.6 | 49.6 22.5 | 50.8 22.8 | 51.2 23.0 | 49.2 23.0 |
| Equals: Exports of goods and services and income receipts, NIPA's............................... | 8 | 1,303.6 | 1,487.1 | 1,419.8 | 1,487.6 | 1,517.8 | 1,523.1 | 1,496.3 | 1,426.5 |
| Imports of goods, services, and income payments, ITA's............................................. | 9 | 1,518.1 | 1,809.1 | 1,730.5 | 1,803.0 | 1,853.8 | 1,849.1 | 1,818.7 | 1,731.1 |
| Less: Gold, ITA's. | 10 | 5.8 | 5.9 | 9.6 | 3 | 4.2 | 6.7 | 6.1 | 6.5 |
| Statistical differences ${ }^{1}$ | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 4.7 | 5.1 |
| Other items................................................................................................... | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Plus: Gold, NIPA's | 13 | -2.7 | -3.3 | -3.5 | -3.3 | -3.2 | -3.0 | -3.0 | -3.1 |
| Adjustment for grossing of parent/afiiliate interest payments ...................................... | 14 | 4.5 | 6.2 | 6.0 | 6.1 | 6.5 | 6.5 | 8.4 | 6.6 |
| Adjustment of U.S. territories and Puerto Rico........................................................................... | 15 | 31.1 | 35.8 | 29.5 | 31.5 | 41.1 | 40.9 | 34.3 | 39.7 |
| Imputed interest paid to rest of world ................................................................. | 16 | 15.9 | 21.2 | 18.7 | 20.6 | 22.5 | 22.8 | 23.0 | 23.0 |
| Equals: Imports of goods and services and income payments, NIPA's ............................ | 17 | 1,561.2 | 1,863.1 | 1,771.7 | 1,854.9 | 1,916.5 | 1,909.5 | 1,870.6 | 1,785.6 |
| Balance on goods, services, and income, ITA's (1-9) .................................................. | 18 | -275.4 | -390.5 | -371.9 | -382.7 | -408.9 | -398.6 | -400.2 | -377.8 |
| Less: Gold ( $2-10+13$ ) ............................................................................................. | 19 | -3.2 | -3.2 | -3.5 | -2.6 | -3.1 | -3.2 | -2.4 | -2.0 |
| Statistical differences (3-11) '.......................................................................... | 20 | 0 | 0 | 0 | 0 | 0 | 0 | -7.8 | -8.3 |
| Other items (4-12) ....................................................................................... | 21 | 1.0 | 1.2 | 1.3 | 1.2 | 1.5 | 0.9 | 1.2 | 1.1 |
| Plus: Adjustment for U.S. territories and Puerto Rico (6-15) .......................................... | 22 | 15.6 | 12.5 | 17.9 | 13.9 | 8.5 | 9.9 | 16.9 | 9.5 |
| Equals: Net exports of goods and services and net receipts of income, NIPA's (8-17) ...... | 23 | -257.6 | -376.0 | -351.9 | -367.3 | -398.7 | -386.4 | -374.3 | -359.1 |
| 1. Consists of statistical revisions in the NIPA's that have not yet been incorporated into the ITA's (2001:II) and statistical revisions in the ITA's that have not yet been incorporated into the NIPA's (2001:I-2001:II). |  | A's interna PA's Natio | ional trans al income | ctions acc and produc | 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, regional, and international accounts.

## National accounts

The national accounts encompass the detailed estimates in the national income and product accounts (including gross domestic product), the estimates of wealth and related estimates, gross product by industry, the inputoutput accounts, and the satellite accounts.

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 SURVEY]

Corporate Profits: Profits Before Tax, Profits Tax Liability, and Dividends (1985)
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).

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 2001) briefly describes the principal source data and methods used to prepare the current-dollar and real estimates of GDP.
"Annual Revision of the National Income and Product Accounts" (August 2001)
"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 the Quarterly and Annual Estimates of GDP and Gross Domestic Income" (December 1998) evaluates these 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.

## Mission 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, regional, and international accounts are available on BEA's Web site at <www.bea.doc.gov>. For information about the development and the implementation of the plan, see these Survey articles.
"Mid-Decade Strategic Review of BEA's Economic Accounts: Maintaining and Improving Their Performance" (February 1995)
"Mid-Decade Strategic Review of BEA's Economic Accounts: An Update" (April 1995)
"BEA's Mid-Decade Strategic Plan: A Progress Report" (June 1996)

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.
"Gross Domestic Product by Industry for 19982000" (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)
Satellite accounts. These accounts extend the analytical capacity of the national accounts by focusing on one aspect of economic activity.
"Integrated Economic and Environmental Satellite Accounts" and "Accounting for Mineral Resources: Issues and BEA's Initial Estimates" (April 1994)
"A Satellite Account for Research and Development" (November 1994)
"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.
"U.S. International Transactions, Revised Estimates" is a series of articles about the annual ITA revisions and the improvements in methodology; the latest article is published in the July 2001 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 Survey
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.

## 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, 1929-99.
"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, 1969-99.

Gross state product. "Comprehensive Revision of Gross State Product by Industry, 1977-94" (June 1997 Survey) 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.

## Availability

Most of the items listed here are available on our Web site at <www.bea.doc.gov>; in particular, look under Methodologies. Our online Catalog of Products provides descriptions of both our printed and electronic publications. The Catalog also includes links to compressed files of our diskette products that can be downloaded for free.

For specific information about the availability of our most recently released estimates and products, see "Getting BEA's Estimates" on the inside back cover.

USPS 337-790

## Schedule of Upcoming BEA News Releases

| Gross Domestic Product by Industry, 1998-2000. | Nov. 15 | 10:00 a.m. |
| :---: | :---: | :---: |
| U.S. International Trade in Goods and Services, September 2001*.. | Nov. 20 | 8:30 a.m. |
| Gross Domestic Product, 3rd quarter 2001 (preliminary) and |  |  |
| Corporate Profits, 3rd quarter 2001 (preliminary) .................... | Nov. 30 | 8:30 a.m. |
| Personal Income and Outlays, October 2001 | Dec. 3 | 8:30 a.m. |
| U.S. International Transactions, 3rd quarter 2001 | Dec. 12 | 8:30 a.m. |
| Annual Input-Output Accounts, 1998 | Dec. 13 | 10:00 a.m. |
| U.S. International Trade in Goods and Services, October 2001* | Dec. 19 | 8:30 a.m. |
| Gross Domestic Product, 3rd quarter 2001 (final) and |  |  |
| Corporate Profits, 3rd quarter 2001 (revised) | Dec. 21 | 8:30 a.m. |
| Personal Income and Outlays, November 2001 | Dec. 21 | 10:00 a.m. |
| U.S. International Trade in Goods and Services, November 2001* | Jan. 18 | 8:30 a.m. |
| State Personal Income, 3rd quarter 2001. | Jan. 24 | 9:00 a.m. |
| Gross Domestic Product, 4th quarter 2001 (advance) | Jan. 30 | 8:30 a.m. |
| Personal Income and Outlays, December 2001. | Jan. 31 | 8:30 a.m. |
| U.S. International Trade in Goods and Services, December 2001* | Feb. 21 | 8:30 a.m. |
| Gross Domestic Product, 4th quarter 2001 (preliminary). | Feb. 28 | 8:30 a.m. |

[^57]
[^0]:    1. It is not possible to isolate the portion of the decline in consumer spending for the month that occurred in the aftermath of the attacks. For the month of September, current-dollar personal consumption expenditures (PCE) decreased 1.8 percent at a monthly rate and real PCE decreased 1.3 percent, the largest decreases since January 1987, when current-dollar PCE decreased 1.8 percent and real PCE decreased 2.4 percent.
    2. The destruction of property will also be reflected in a reduction in the net stocks recorded in BEA's accounts for fixed assets and consumer durable goods.
    3. These adjustments are based primarily on preliminary information from a variety of sources and are subject to revision as more complete information becomes available.
[^1]:    4. All subsequent dollar amounts are also expressed at annual rates. For monthly personal income and outlays, the adjustments were to the month of September, and the values of the annualized monthly adjustments are three times as large as those for the annualized quarterly adjustments.
[^2]:    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.
[^3]:    1. 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.
[^4]:    U.S. Burraul of Economic Analysis

[^5]:    3. Other adjustments included 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, and jury duty pay that was repaid to employers and reported as taxable income. On the IRS form 1040 for 1999, 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 31 .
    4. See Brent R. Moulton, Eugene P. Seskin, and David F. Sullivan, "Annual Revision of the National Income and Product Accounts: Annual Estimates, 1998-2000 and Quarterly Estimates, 1998:I-2001:I," Survey 81 (August 2001): 7-32. For AGI data, see Internal Revenue Service, Statistics of Income Bulletin (Washington, DC: U.S. Government Printing Office, Spring 2001).
[^6]:    5. NIPA table 3.12 shows government transfer payments to persons, which include benefit payments from social insurance funds--such as old-age, 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 liability payments for personal injury and of corporate gifts to nonprofit institutions.
    6. NIPA table 6.11C shows other labor income by industry group and by type.
    7. See NIPA table 8.20 (line 53 ).
[^7]:    See the footnotes at the end of table 2.

[^8]:    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," Surver 80 (February 2000): 18.
[^9]:    10. Although some individuals who are not required to file tax returns do so mostly to secure refunds of withheld 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," Survey 81 (October 2001): 2932 and the text on the CD-ROM State Personal Income, 1929-98. Information on methodology is also available on BEA's Web site.
[^10]:    12. The major source data for these adjustments are the 1988 Taxpayer Compliance Measurement Program (TCMP) and Census Bureau "exact match" files for 1996. The TCMP provides a measure of noncompliance for individuals who file tax returns. Through the TCMP, the IRS develops noncompliance ratios. Explicit adjustments for misreporting on tax returns for nonfarm proprietors' income are determined by multiplying noncompliance ratios times IRS tabulations of levels of business net income as reported on tax returns. The IRS compiles 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 provide data on persons who did not file income tax returns. Nonfiler adjustments are based on matching information supplied on the annual income supplement of the Current Population Survey (CPS) with individual income tax returns. Respondents who report income on the CPS but who cannot be matched to a tax return are considered nonfilers. The latest nonfiler adjustments are 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 for Misreporting of Tax Return Information Used To Estimate the National Income and Product Accounts, 1977," Survey 64 (June 1984): 17-25; "The Comprehensive Revision of the U.S National Income and Product Accounts: A Review of Revisions and Major Statistical Changes," 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 (JanuaryFebruary 1996): 24-25; and Moulton, Seskin, and Sullivan, "Annual Revision of the National Income and Product Accounts," 27.
    13. Information from IRS audit studies shows misreporting of these payments on individual income tax returns.
    14. For major improvernents that were introduced in the most recent comprehensive revision, see Moulton, Parker, and Seskin, "A Preview of the 1999 Comprehensive Revision," 7-20.
    15. According to the IRS, tentative returns 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.

[^11]:    AGI Adjusted gross income
    BEA Bureau of Economic Analysis
    IRS Internal Revenue Service

[^12]:    17. Other large revisions to personal income for 1998 included a $\$ 23.6$ billion upward revision to personal interest income, primarily reflecting revised IRS tabulations of tax return data for corporations; a $\$ 3.2$ billion upward revision to rental income of persons with capital consumption adjustment (CCAdj), reflecting revised source data from the Federal Reserve Board and the U.S. Department of Agriculture; a $\$ 3.0$ billion upward revision to nonfarm proprietors' income with CCAdj, primarily reflecting revised IRS data; a $\$ 2.1$ billion upward revision to wage and salary disbursements, primarily reflecting revised BLS tabulations of wages and salaries of employees covered by State unemployment insurance; and a $\$ 2.8$ billion downward revision to personal dividend income, primarily reflecting revised IRS tabulations of corporate tax return data. See Moulton, Seskin, and Sullivan, "Annual Revision of the National Income and Product Accounts," 23.
[^13]:    18. 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.
[^14]:    1. See the box "The Statistical Discrepancy," Survey of Current Business 77 (August 1997): 19; and "Note on Alternative Measures of Gross Product by Industry," Survey 77 (November 1997): 84-85.
    2. For further information, see the box "Gross State Product Estimates," in Richard M. Beemiller and George K. Downey, "Gross State Product by Industry, 1992-99," Surver 81 (August 2001): 159.
[^15]:    5. 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): 24-25.
[^16]:    7. The labor share of production is approximated using compensation of employees, which consists of wage and salary accruals, employer contributions for social insurance, and other labor income. The capital share of production is approximated using 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. 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.
    8. For some purposes, using the shares of gross output is preferable to using the shares of GDP by industry. The shares of GDP by industry are larger than those of gross output, because gross output also includes intermediate inputs.
[^17]:    9. For price calculations, the procedures used to compute contributions to real GDP growth were modified to replace the chain-type quantity index with the chain-type price index.
[^18]:    10. See the section "Composition of current-dollar GDP by industry."
    11. Current-dollar cost per unit of real GDP by industry equals the GDP-by-industry implicit price index divided by 100.
    12. The unit-cost measures are not derived from separate price indexes for labor and capital; instead, these measures are derived by proportionally distributing an industry's price index to the components of its current-dollar GDP by industry.
[^19]:    13. See John R. Kort, "The North American Industry Classification System in BEA's Economic Accounts," Survey 81 (May 2001): 7-13.
[^20]:    2. The reconciliation of the current account has been undertaken each year since 1970. Summary results of the reconciliations were published in the United States in the following issues of the Survey of Current Business: June 1975, September 1976 and 1977, December 1979, June 1981, and each December of 1981-91. Complete details of the reconciliations for 1990 forward were published in the following issues of the SURVEY: November 1992, each October of 1993-95, and each November of 1996-2000. 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 1981-2000.
[^21]:    3. 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 BEA and by Statistics Canada.
    4. 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.
[^22]:    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 Canadian-United States Current Account, 1990-91. Statistics Canada also published a shortened version in the December 1992 Canadian Economic Observer and in Canada's Balance of International Payments, Third Quarter 1992.
[^23]:    1. The estimates for sales of services abroad by foreign affiliates of U.S. companies in 1999 are based on early tabulations from the 1999 benchmark survey of U.S. direct investment abroad. The results of this survey will be published in the spring of 2002. At that time, updated tables on sales of services by foreign affiliates for 1999 will be published on BEA's Web site, including a table show ing sales of services by detailed primary industry of the foreign affiliate and cross-classified by country.
[^24]:    3. These data cover all the sales of services by nonbank majority-owned affiliates, irrespective of the percentage of foreign ownership. The data are limited to nonbank affiliates because in most years, the surveys used to collect the data do not cover banking affiliates. The data exclude minority-owned affiliates because data on sales of services by foreign affiliates are collected only for affiliates that are majority-owned by U.S. direct investors. Excluding minority-owned affiliates may be preferable because the direct investor may own as little as 10 percent of a minority-owned affiliate and thus have less interest than local investors in the affiliate's sales.
    4. See Raymond J. Mataloni, J.., "U.S. Multinational Companies Operations in 1998," SURVEY of Current Business 80 (July 2000): 26-45, and William I. Zeile, "U.S. Affiliates of Foreign Companies: Operations in 1999," Survey 81 (August 2001): 141-158.
[^25]:    I. "Cross-border trade" as used here should not be confused with the term "cross-border mode of supply" that is used in connection with the General Agreement on Trade in Services to refer to the provision of a service by a resident of one country to a resident of another country in which neither the producer nor the consumer goes to the country of the other (for example, a consultant sending a report electronically or by mail).

[^26]:    5. An example of a difference in measurement is that cross-border exports and imports of insurance services are measured as premiums minus claims, while sales of services by affiliates in insurance largely reflect premium income with no deduction for claims; this difference tends to exaggerate the relative importance of sales through affiliates. An example of a difference in coverage is that the estimates of cross-border exports and imports include services provided by banks, whereas those of sales through affiliates cover nonbank affiliates only.
[^27]:    U.S. Bureau of Ecomomic Analysis:

[^28]:    7. The estimates of cross-border transactions incorporate recent improvements in source data and estimation methods. This year, improvements were made to the estimates of payments for computer services by incorporating data collected by Canada's statistical agency covering Canadian companies' receipts from the sale of computer services to the United States.
[^29]:    1. For detailed estimates of exports of these services to numerous countries and areas, see table 7.
[^30]:    2. Receipts and payments for general use software that is packaged and physically shipped to or from the United States are included in trade in goods.
[^31]:    1. See Office of Management and Budget, North American Industry Classification System: United States, 1997 (Washington, DC: Bernan Press, 1998), and Office of Management of Budget, Standard Industrial Classification Manual, 1987 (Washington, DC: U.S. Government Printing Office, 1987). Information on NAICS can be accessed on the Internet at <www.census.gov/ epcd/www/naics.html>.
    2. For the data on sales by U.S. affiliates of foreign companies, the change to NAICS-based classifications occurred with the data for 1997.
    3. Additional information on the new NAICS-based ISI classifications is provided in "U.S. International Services: Cross-Border Trade in 1998 and Sales Through Affiliates in 1997," Survey 79 (October 1999): 48-95 and in the Guide to Industry and Foreign Trade Classifications for International Surveys, which can be accessed on BEA's Web site at <www.bea.doc.gov/bea/ surveys.htm>.
[^32]:    10. In this section, sales of services are defined as sales that are typically asso ciated with particular industries. The industry groups used for this purpose are listed in the note to table C. For the first time since the 1996 data were published, sales of services by foreign affiliates and by U.S. affiliates were defined consistently, beginning with the data in this article for 1999.
    11. Because the data on sales of goods by U.S. affiliates are not disaggregated by destination, the local and foreign shares have been estimated from the data on exports of goods shipped by affiliates. In 1999, exports of goods shipped by affiliates represented 10 percent of the sales of goods by these affiliates.
[^33]:    12. The UBO of a U.S. affiliate is that person (in the broad legal sense, including a company), proceeding up the affiliate's ownership chain beginning with the foreign parent, that is not owned more than 50 percent by another person. The UBO ultimately owns or controls the affiliate and derives the benefits associated with ownership or control. Unlike the foreign parent, the UBO of a U.S.
[^34]:    13. For additional information, see Sylvia E. Bargas, "Direct Investment Positions for 1999: Country and Industry Detail," Survey 80 (July 2000): 57-68.
[^35]:    14. According to data from BEA's survey of new foreign direct investment, outlays to acquire or establish U.S. businesses were $\$ 275.0$ billion in 1999 (a record that was surpassed in 2000). See Ned G. Howenstine, "Foreign Direct Investment in the United States: New Investment in 2000," Survey 81 (June 2001): 27-34.
    15. For additional information about foreign direct investment in the United States, see Bargas, "Direct Investment Positions in 1999," and Zeile, "Operations in 1999."
[^36]:    16. The foreign parent group is defined as (1) the foreign parent, (2) any foreign person, proceeding up the foreign parent's ownership chain, that owns more than 50 percent of the person below it, up to and including the ultimate beneficial owner, and (3) any foreign person, proceeding down the ownership chain(s) of each of these members, that is owned more than 50 percent by the person above it.
    17. The estimates of intrafirm trade in services by type for foreign affiliates of U.S. companies were first presented in Michael A. Mann, Laura L. Brokenbaugh, and Sylvia E. Bargas, "U.S. International Sales and Purchases of Private Services: U.S. Cross-Border Transactions in 1997 and Sales by Affiliates in 1996," Survey 78 (October 1998): 75.
[^37]:    18. Payments related to basic telecommunications services are excluded from intrafirm trade, even when they flow through affiliated channels, because they represent the distribution of revenues collected from unaffiliated customers. Estimates of total intrafirm trade in insurance services are not separately available; however, one small piece of intrafirm trade in insurance-specifically, the purchase of primary insurance (and the related recovery of losses) by U.S. companies from affiliated foreigners-is available and is included in "other" under "other private services" in table D.
    19. Intrafirm trade is not applicable to travel and to passenger fares, the two major private services categories not shown in table D.
[^38]:    1. See table 2 , footnote 2.
    2. See table 2, tootnote 3.
[^39]:    * Less than \$500,000
    ${ }^{0}$ Suppressed to avoid disclosure of data of individual companies.

    1. For MOFA's, "country" is the country of the affiliate; for MOUSA's, it is the country of the atfiliate's ultimate beneficial owner.
    . See table A, footnote 4.
    $\begin{array}{ll}\text { See table A, foctnote 4. } & \text {. See table 2, footnote } 2 . \\ \text { See table A, footnote 3. } & 7 . \text { See table 2, footnote } 3 \text {. } \\ \text { MNC Multinational compa }\end{array}$
    2. Foreign affiliates classified in "International" are those that have operations in more than one country and
[^40]:    1. Industry classifications derived from the 1997 North American Industry Classification System (NAICS)

    MNC Multinational company

[^41]:    1. In this article, 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. Net earnings by industry is 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.doc.gov/bea/mp.htm>, and look under "Regional programs" for "State Personal Income, 1929-97."
[^42]:    See footnotes at end of table.

[^43]:    See footnotes at end of table.

[^44]:    1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Feder Government, are included in services. Beginning with 1986 , repairs and alterations of equipment are reclassified from goods to services.
[^45]:    * 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.
    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.

    Chain-type quantity indexes for the series in this table are shown in table 7.10.
    Contributions to the percent change in real exports and in real imports of goods and services are shown in table S.

[^46]:    1. Includes new computers and peripheral equipment only. Because of rapid changes in relative prices the chained-doilar 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) doliar 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 tor the chain-type quantity indexes uses weights of more than one period, the corresponding chained-doliar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines

    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

[^47]:    1. This series is derived from the Census Bureau series "current cost inventories."
[^48]:    1. Equals the number of full-time equivalent employees plus the number of self-employed persons. Unpaid family workers are not included.
    2. Reflects the reclassification of air couriers from trucking and warehousing to transportation by air. 3. Consists of museums, botanical and zoological gardens; engineering and management services; and
[^49]:    4. Includes Coast Guard.
    5. Includes estimates of foreign professional workers and undocumented Mexican migratory workers employed temporarily in the United States.
[^50]:    1. Excludes software "embedded" or bundled in computers and other equipment.
[^51]:    U.S. Bursas of Economic Analygls

[^52]:    6. Beginning in 1982, the "other transfers" component includes taxes paid by U.S. private residents to foreign governments and taxes paid by private norresidents to the U.S. Govermment.
    7. At the present time, all U.SS Treasury-owned gold is held in the United States.
    8. Includes sales of toreign obligations to toreigners.
    9. Consists of bills, certificates, marketable bonds and notes, and nonmarketable convertible and nonconvertible bonds and notes.
    10. Consists of U.S. Treasury and Export-import Bank obligations, not included elsewhere, and of debt secu-
[^53]:    15. The "European Union (6)" includes Belgium, France, Germany (includes the former German Democratic Republic (East Germany) beginning in the fourth quarter of 1990), Italy, Luxembourg, Netherlands, European Atomic Energy Community, European Coal and Steel Community, and European Investment Bank.
    16. Includes, as part of international and unallocated, the estimated direct investment in foreign affiliates engaged in international shipping, in operating oil and gas driling equipment internationally, and in petroleum ment; small transactions in business services that are not reported by country" and net US, currency flows, for
[^54]:    which geographic source data are not available.
    17. Details not shown separately; see totals in lines 56 and 63 .
    8. Details not shown separately are included in line 69 .

    NoTE.-The data in tables F. 2 and F. 3 are from tables 1 and 10 in "U.S. International Transactions, Second Quarter $2001^{\prime \prime}$ in the October 2001 issue of the SURVEY, which presents the most recent estimates from the U.S. international transactions accounts.

[^55]:    Suppressed to avoid disclosure of data of individual companies can Industry Classification System. Prior to 1997 the affiligte dar U.S. a 1 lates is based on the ion system based on the Standard Industrial Classification system.
    NOTES. - The data in this table are from BEA's annual survey of the operations of U.S. affiliates of foreign

[^56]:    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.
[^57]:    * Joint release by the Bureau of the Census and the Bureau of Economic Analysis (BEA)

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