

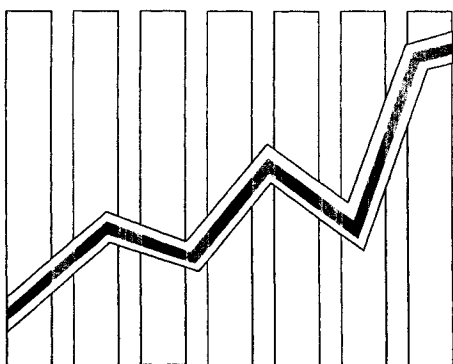


SURVEY *of* **CURRENT BUSINESS**

IN THIS ISSUE . . .

- *Gross Product by Industry, 1977–90*
- *Comprehensive Revision of Local Area Personal Income, 1969–90*

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



SURVEY of CURRENT BUSINESS

U.S. Department of Commerce
 Ronald H. Brown, *Secretary*



**Economics and Statistics
 Administration**



Bureau of Economic Analysis
 Carol S. Carson, *Director*
 J. Steven Landefeld, *Deputy Director*

Editor-in-Chief: Douglas R. Fox
Managing Editor: Leland L. Scott

Publication Staff: W. Ronnie Foster,
 M. Gretchen Gibson, Ernestine T. Gladden,
 Eric B. Manning, Donald I. Parschak

SURVEY OF CURRENT BUSINESS. Published monthly by the Bureau of Economic Analysis of the U.S. Department of Commerce. Editorial correspondence should be addressed to the Editor-in-Chief, SURVEY OF CURRENT BUSINESS, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230.

Annual subscription: *Second-class mail*—\$43.00 domestic, \$53.75 foreign; *first-class mail*—\$89.00. Single copy—\$11.00 domestic, \$13.75 foreign.

Mail subscription orders and address changes to the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Make checks payable to the Superintendent of Documents.

Second-class postage paid at Washington, DC and at additional mailing offices. (USPS 337-790).

The Secretary of Commerce has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department.

- 1 Business Situation**
 - 7 Corporate Profits
 - 8 Government Sector
- 11 National Income and Product Accounts**
 - 11 Selected NIPA Tables
 - 30 NIPA Charts
 - 32 Reconciliation and Other Special Tables
- 33 Gross Product by Industry, 1977-90**
- 55 Pollution Abatement and Control Expenditures, 1987-91**
- 63 Comprehensive Revision of Local Area Personal Income Estimates, 1969-90**
- 89 U.S. Affiliates of Foreign Companies: Operations in 1991**
- 113 U.S. Business Enterprises Acquired or Established by Foreign Direct Investors in 1992**
- 124 BEA Working Paper Summary**

C-pages: Business Cycle Indicators
 (See page C-1 for contents)

S-pages: Current Business Statistics
 (See page S-36 for contents and subject index)

Inside back cover: BEA Information

NOTE.—This issue of the SURVEY went to the printer on June 9, 1993. It incorporates data from the following monthly BEA news releases: Gross Domestic Product (May 28), Personal Income and Outlays (June 1), and Composite Indexes of Leading, Coincident, and Lagging Indicators (June 2).

THE BUSINESS SITUATION

The first part of this article was prepared by Daniel Larkins, Larry R. Moran, and Ralph W. Morris; Larkins prepared the section on corporate profits; and Michael W. Webb prepared the section on the government sector.

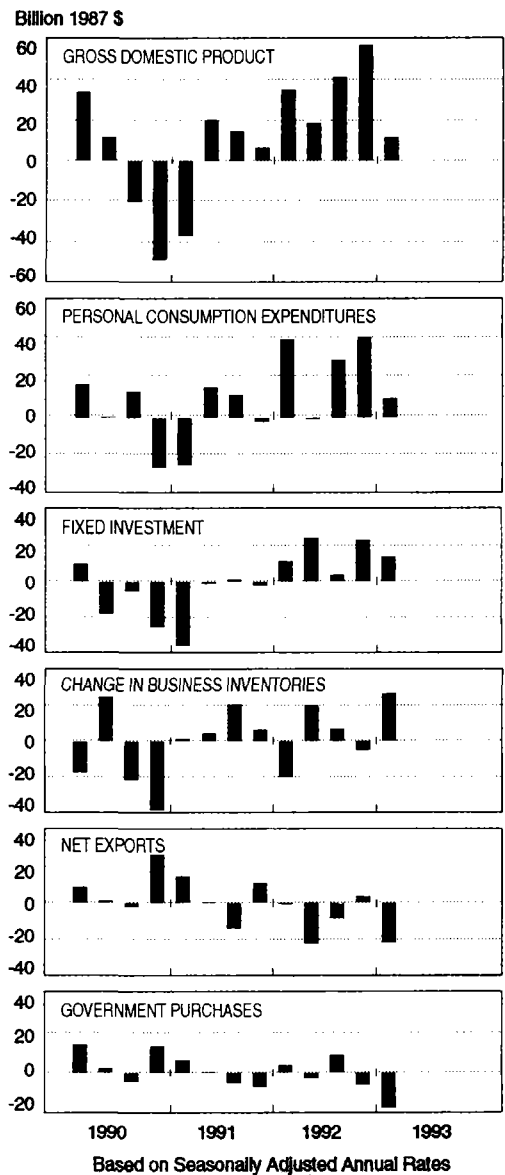
ACCORDING TO the "preliminary" estimates for the first quarter of 1993, real gross domestic product (GDP), a measure of goods and services produced in the United States, increased 0.9 percent; the "advance" first-quarter estimate, issued in April, had shown a 1.8-percent increase.¹ Real gross domestic purchases, a measure of goods and services purchased by U.S. residents, increased 2.7 percent, 0.5 percentage point more than April's estimate. The fixed-weighted price index for gross domestic purchases increased 3.5 percent, 0.1 percentage point more than April's estimate. (The "Revisions" section of this article discusses the sources of these revisions.) The 0.9-percent increase in real GDP in the first quarter represented a sharp deceleration from a 4.7-percent increase in the fourth quarter of 1992 (chart 1). The deceleration reflected slower growth in the production of goods and a downturn in the production of structures; in contrast, the production of services increased a little more in the first quarter than in the fourth (table 1).

1. Quarterly estimates in the national income and product accounts are expressed at seasonally adjusted annual rates, and quarterly changes are differences between these rates. Quarter-to-quarter percent changes are annualized. Real, or constant-dollar, estimates are expressed in 1987 dollars and are based on 1987 weights.

The 2.7-percent increase in real gross domestic purchases also represented a deceleration, from a 4.4-percent increase in the fourth quarter.

CHART 1

**Real Product:
Change from Preceding Quarter**



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

Looking Ahead...

- **Regional and State Employment Projections.** A comparison of BEA's projections of regional and State employment growth for 1988-91 with the actual estimates will appear in the June SURVEY.

Recruitment...

- **Associate Director for International Economics.** BEA is recruiting for the position of Associate Director for International Economics. This is a career reserved position in the Senior Executive Service, salary range: \$92,900-\$115,700. The application deadline is June 30, 1993. Applicants must meet all requirements of the Senior Executive Service. To obtain the required application and qualification information, please contact the BEA Administrative Office, (202) 523-0508. BEA is an Equal Opportunity Employer.

(Unlike GDP, gross domestic purchases excludes exports of goods and services and includes imports of goods and services.) Growth in final sales to domestic purchasers slowed to 0.5 percent from 4.8 percent; inventory investment (that is, change in business inventories) increased sharply after a modest decrease.

The following are highlights of the final sales estimates:

- Personal consumption expenditures increased modestly after a substantial increase.
- Nonresidential fixed investment increased a little more in the first quarter than in the fourth, but residential investment edged down after a sharp increase.
- Government purchases decreased very sharply after a small decrease, as national defense

purchases fell 25.9 percent, its biggest drop in the 21 years that constant-dollar defense purchases have been separately estimated in the national income and product accounts (NIPA's).

Personal consumption expenditures

Real personal consumption expenditures (PCE) increased 1.2 percent in the first quarter after increasing 5.1 percent in the fourth (table 2). The slowdown was more than accounted for by goods (both durable and nondurable); in contrast, services increased more in the first quarter than in the fourth.

Factors usually associated with changes in consumer spending sent mixed signals in the first quarter (chart 2). Real disposable personal in-

Table 1.—Real Gross Domestic Product, by Major Type of Product

[Seasonally adjusted at annual rates]

| | Billions of 1987 dollars | | | | | Percent change from preceding quarter | | | |
|---|--------------------------|-------------------------------|-------------|-------------|-------------|---------------------------------------|------------|------------|------------|
| | Level | Change from preceding quarter | | | | 1992 | | | 1993 |
| | | 1992 | | | 1993 | II | III | IV | I |
| | 1993: I | II | III | IV | I | | | | |
| Gross domestic product | 5,002.5 | 18.7 | 41.3 | 57.1 | 11.7 | 1.5 | 3.4 | 4.7 | 0.9 |
| Goods | 2,017.1 | 12.7 | 29.5 | 44.4 | 6.5 | 2.7 | 6.2 | 9.3 | 1.3 |
| Motor vehicles | 203.2 | 12.3 | -3.8 | 10.2 | 5.2 | 30.4 | -7.7 | 23.6 | 10.9 |
| Other | 1,813.9 | .4 | 33.3 | 34.2 | 1.3 | .1 | 7.9 | 7.9 | .3 |
| Services | 2,552.2 | 2.3 | 15.1 | 6.5 | 8.2 | .4 | 2.4 | 1.0 | 1.3 |
| Structures | 433.2 | 3.8 | -3.4 | 6.3 | -3.0 | 3.6 | -3.1 | 6.0 | -2.7 |
| Gross domestic product excluding motor vehicles and structures | 4,366.1 | 2.7 | 48.4 | 40.7 | 9.5 | .3 | 4.6 | 3.8 | .9 |

NOTE.—Most series are found in table 1.4 of the "Selected NIPA Tables." Output of motor vehicles is the sum of auto output and truck output (from tables 8.4 and 8.6).

Table 2.—Real Personal Consumption Expenditures

[Seasonally adjusted at annual rates]

| | Billions of 1987 dollars | | | | | Percent change from preceding quarter | | | |
|--|--------------------------|-------------------------------|-------------|-------------|-------------|---------------------------------------|------------|------------|------------|
| | Level | Change from preceding quarter | | | | 1992 | | | 1993 |
| | | 1992 | | | 1993 | II | III | IV | I |
| | 1993: I | II | III | IV | I | | | | |
| Personal consumption expenditures | 3,369.9 | -0.8 | 29.9 | 41.5 | 10.0 | -0.1 | 3.7 | 5.1 | 1.2 |
| Durable goods | 455.1 | -2.3 | 9.8 | 14.6 | .7 | -2.1 | 9.4 | 14.0 | .6 |
| Motor vehicles and parts | 186.3 | -1.3 | -1.2 | 9.0 | -1.7 | -2.8 | -2.6 | 21.7 | -3.6 |
| Furniture and household equipment | 189.9 | 0 | 7.1 | 6.5 | 1.9 | 0 | 17.3 | 15.1 | 4.1 |
| Other | 78.8 | -1.1 | 3.9 | -1.0 | .5 | -5.6 | 22.4 | -4.9 | 2.6 |
| Nondurable goods | 1,063.0 | -4.0 | 6.4 | 17.4 | -6.4 | -1.5 | 2.5 | 6.8 | -2.4 |
| Food | 523.5 | -5.4 | .8 | 12.4 | -3.2 | -4.1 | .6 | 10.0 | -2.4 |
| Clothing and shoes | 188.6 | .3 | 6.4 | 2.9 | -5.1 | .7 | 14.6 | 6.2 | -10.1 |
| Energy | 95.6 | 1.9 | -1.0 | -1.4 | .2 | 8.2 | -4.0 | -5.7 | .8 |
| Other | 255.3 | -9 | .3 | 3.5 | 1.7 | -1.4 | .5 | 5.7 | 2.7 |
| Services | 1,851.8 | 5.6 | 13.7 | 9.6 | 15.6 | 1.2 | 3.1 | 2.1 | 3.4 |
| Housing | 489.3 | 2.1 | 2.5 | 1.4 | 2.1 | 1.8 | 2.1 | 1.2 | 1.7 |
| Household operation | 207.8 | 2.6 | 1.4 | 1.1 | 1.1 | 5.3 | 2.8 | 2.2 | 2.1 |
| Energy ² | 95.8 | 1.6 | -5 | 1.7 | .1 | 7.1 | -2.1 | 7.4 | .4 |
| Other household operation | 111.9 | 1.0 | 1.9 | -6 | .9 | 3.7 | 7.1 | -2.1 | 3.3 |
| Transportation | 122.7 | 1.0 | 2.8 | -1.9 | .5 | 3.4 | 9.6 | -6.0 | 1.6 |
| Medical care | 466.5 | 4.1 | 4.4 | 3.6 | 4.8 | 3.7 | 3.9 | 3.2 | 4.2 |
| Other | 565.4 | -4.1 | 2.6 | 5.2 | 7.1 | -2.9 | 1.9 | 3.8 | 5.2 |

1. Gasoline and oil, and fuel oil and coal.
2. Electricity and gas.

NOTE.—Dollar levels are found in table 2.3 of the "Selected NIPA Tables." and percent changes in major aggregates are found in table 8.1.

come increased, but substantially less than in the fourth quarter. The Index of Consumer Sentiment (prepared by the University of Michigan's Survey Research Center) reached its highest level in 11 quarters, but it increased only about half as much as in the fourth quarter. The unemployment rate gave an unambiguous signal, falling from 7.3 percent to 7.0 percent.

Expenditures for durable goods edged up 0.6 percent after increasing 14.0 percent. Purchases of new cars and trucks decreased after increasing sharply; the downturn at least partly reflected the expiration of sales-incentive programs. Furniture and household equipment increased much less than in the fourth quarter; consumer electronics accounted for more than one-half of the slowdown in household equipment. "Other" durable goods (such as jewelry, books, and sporting goods) increased after decreasing.

Expenditures for nondurable goods decreased 2.4 percent after increasing 6.8 percent. The downturn reflected downturns in food and in clothing and shoes and a deceleration in "other"

nondurable goods. In contrast, energy increased slightly after decreasing.

Expenditures for services increased 3.4 percent after increasing 2.1 percent. The acceleration was widespread. In transportation services, air travel rebounded from a fourth-quarter drop that was associated with sharp fare hikes. In "other" services, brokerage and investment services increased sharply, reflecting record stock market activity and heavy investment in mutual funds. In contrast to the acceleration in many components, recreation turned down, reflecting a drop in motion picture admissions after a record fourth quarter.

Nonresidential fixed investment

Real nonresidential fixed investment increased 11.4 percent in the first quarter after increasing 9.7 percent in the fourth (table 3). Structures decreased about the same amount in the first quarter as in the fourth; producers' durable equipment increased more in the first quarter than in the fourth.

Factors that underlie investment spending, like those underlying PCE, have sent mixed signals in recent quarters. On the positive side, the yield on new high-grade corporate bonds decreased 50 basis points, continuing a downtrend that began more than 2 years ago. In addition, the capacity utilization rate in manufacturing increased almost 1 percentage point in the first quarter after fluctuating in a narrow range over the preceding four quarters. On the negative side, real final sales of domestic product decreased in the first quarter after increasing only slightly over the 2 preceding years. Additionally, corporate profits (in current dollars), which has been quite erratic in recent quarters, increased only a little in the first quarter after a large increase in the fourth.

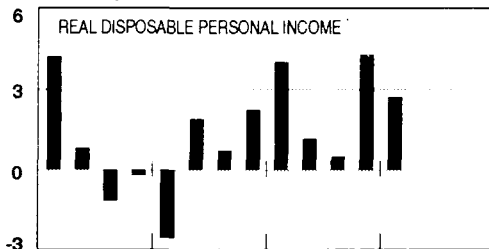
Structures decreased 1.7 percent after decreasing 1.9 percent. The decrease was more than accounted for by nonresidential buildings and by mining exploration, shafts, and wells; utilities increased. The decrease in nonresidential buildings—the tenth consecutive drop—was accounted for by commercial structures; industrial structures increased slightly.

Producers' durable equipment (PDE) increased 16.5 percent after increasing 14.5 percent. Information processing equipment and "other" PDE increased more than in the fourth quarter. The step-up in information processing equipment was more than accounted for by computers; communications equipment, instruments, and photocopy equipment decreased. The step-up in

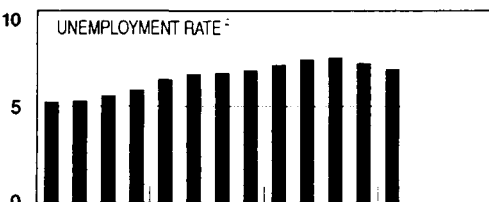
CHART 2

Selected Factors Affecting Consumer Spending

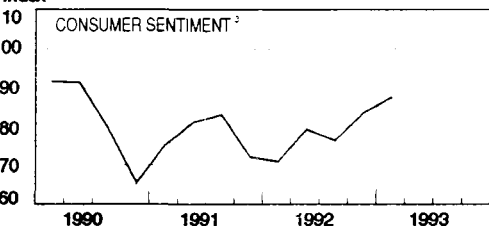
Percent change



Percent



Index



1. Disposable personal income in 1987 dollars; seasonally adjusted annual rates.
 2. All civilian workers, seasonally adjusted.
 Data: U.S. Department of Labor, Bureau of Labor Statistics
 3. Data: University of Michigan's Survey Research Center.
 U.S. Department of Commerce, Bureau of Economic Analysis

Table 3.—Real Gross Private Domestic Fixed Investment

[Seasonally adjusted at annual rates]

| | Billions of 1987 dollars | | | | | Percent change from preceding quarter | | | |
|--|--------------------------|-------------------------------|------|------|------|---------------------------------------|-------|-------|-------|
| | Level | Change from preceding quarter | | | | 1992 | | | 1993 |
| | | | | | | II | III | IV | I |
| | | 1993: I | II | III | IV | I | | | |
| Gross private domestic fixed investment | 747.6 | 24.5 | 4.1 | 23.3 | 14.3 | 15.2 | 2.3 | 13.8 | 8.0 |
| Nonresidential | 545.4 | 18.9 | 4.0 | 12.2 | 14.5 | 16.1 | 3.1 | 9.7 | 11.4 |
| Structures | 143.4 | -3 | -4.4 | -7 | -6 | -8 | -11.3 | -1.9 | -1.7 |
| Nonresidential buildings, including farm | 94.3 | -1.6 | -6.2 | -4 | -5 | -6.1 | -22.3 | -1.7 | -2.1 |
| Utilities | 28.1 | 0 | .3 | .4 | .9 | 0 | 4.6 | 6.1 | 13.9 |
| Mining exploration, shafts, and wells | 10.5 | -1 | .2 | .9 | -1.0 | -3.8 | 7.9 | 38.5 | -30.5 |
| Other | 10.5 | 1.3 | 1.3 | -1.5 | 0 | 67.9 | 58.2 | -41.4 | 0 |
| Producers' durable equipment | 402.0 | 19.2 | 8.4 | 12.9 | 15.1 | 24.1 | 9.5 | 14.5 | 16.5 |
| Information processing and related equipment | 182.2 | 5.6 | 13.3 | 4.9 | 10.2 | 16.0 | 39.3 | 12.3 | 25.9 |
| Industrial equipment | 71.5 | .2 | .6 | 4.1 | .9 | 1.2 | 3.7 | 27.0 | 5.2 |
| Transportation and related equipment | 83.2 | 12.9 | -5.9 | 3.7 | 1.3 | 94.7 | -25.2 | 20.3 | 6.5 |
| Other | 65.1 | .6 | .3 | .4 | 2.6 | 4.0 | 2.0 | 2.6 | 17.7 |
| Residential | 202.2 | 5.6 | .1 | 11.0 | -1 | 12.6 | .2 | 25.1 | -2 |
| Single-family structures | 113.7 | 2.3 | .8 | 7.2 | 2.8 | 9.5 | 3.1 | 30.8 | 10.5 |
| Multifamily structures | 8.9 | 1.1 | -1.4 | -1.1 | -1.3 | 43.7 | -37.3 | -33.6 | -42.0 |
| Other | 79.6 | 2.2 | .7 | 5.0 | -1.7 | 12.5 | 3.8 | 28.9 | -8.1 |

NOTE.—Dollar levels are found in table 5.5 of the "Selected NIPA Tables," and percent changes in major aggregates are found in table 8.1.

"other" PDE was more than accounted for by tractors and by agricultural equipment. Industrial equipment and transportation equipment both increased much less than in the fourth quarter. The deceleration in industrial equipment followed an unusually large increase in the fourth quarter—the largest increase in almost 9 years. The deceleration in transportation equipment was accounted for by trucks, which decelerated after a large increase, and by autos, which turned down; purchases of civilian aircraft turned up very sharply.

Residential investment

Real residential investment slipped 0.2 percent in the first quarter after increasing 25.1 percent in the fourth. Single-family construction decelerated, multifamily construction decreased more than in the fourth quarter, and "other" residential investment turned down.

Single-family construction increased 10.5 percent after increasing 30.8 percent. In any quarter, single-family construction is largely determined by housing starts in that quarter and in the preceding quarter. In the fourth quarter of 1992 and the first quarter of 1993, starts averaged 1.07 million (annual rate), up slightly from a third-fourth quarter average of 1.06 million; the second-third quarter average had been 1.00 million (chart 3).

Multifamily construction decreased for the third consecutive quarter and for the fourteenth time in fifteen quarters. The rental vacancy rate increased sharply in the first quarter, to 7.9

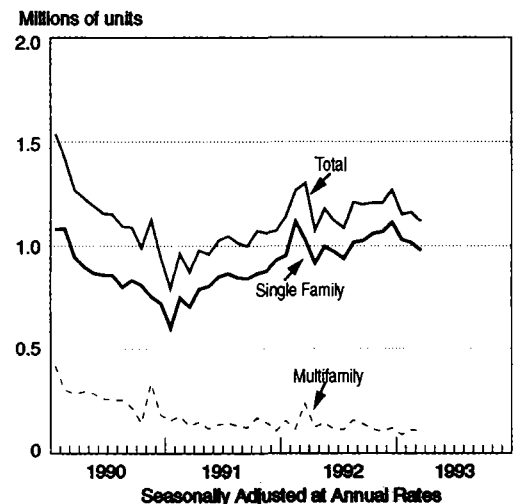
percent, its highest level in 6 years, after two quarterly decreases.

"Other" residential investment turned down, reflecting lower brokers' commissions.² Sales of existing houses decreased almost 9 percent (not an annual rate) in the first quarter, and sales of new houses decreased about 4 percent. The weakness in sales is consistent with an upturn in prices of existing houses and a deceleration in income growth. However, mortgage inter-

2. The "other" component includes additions and alterations, major replacements, new mobile home sales, brokers' commissions on house sales, and residential equipment.

CHART 3

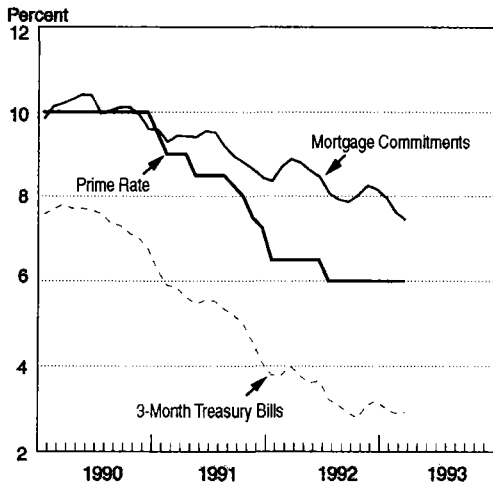
Housing Starts



Data: Bureau of the Census
U.S. Department of Commerce, Bureau of Economic Analysis

CHART 4

Selected Interest Rates



Data: Federal Reserve Board

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

est rates continued to decrease (chart 4). The Housing Affordability Index, prepared by the National Association of Realtors, combines the effects of prices, incomes, and interest rates; the index, which has been trending upward for several years, increased again in the first quarter, indicating that housing continued to become more "affordable."

Inventory investment

Real inventory investment—that is, the change in business inventories—increased \$27.0 billion in the first quarter, as inventory accumulation picked up to \$36.8 billion from \$9.8 billion in the fourth quarter (table 4). In contrast, inventory investment had decreased \$5.2 billion in the fourth quarter. The sharp upturn in inventory investment was accounted for by nonfarm inventories.

Nonfarm inventories increased \$33.8 billion in the first quarter after increasing \$5.6 billion in the fourth. The step-up was attributable to an upturn in manufacturing inventories and to faster accumulation of automotive inventories at the retail level.

Manufacturing inventories increased \$1.4 billion after decreasing \$14.5 billion. The turnaround reflected a slower reduction of durable goods inventories. (Inventories of durables have decreased for ten consecutive quarters). Inventories of nondurable goods increased about the same amount as in the fourth quarter.

Retail trade inventories increased \$23.9 billion after increasing \$12.0 billion. The step-up in automotive inventories reflected weakness in motor vehicle sales to consumers. Other retail inventories increased a little less than in the fourth quarter.

Wholesale trade inventories increased \$1.9 billion after increasing \$8.0 billion. Inventories of durable goods decreased—particularly machinery, equipment and supplies, electrical goods, and scrap and waste materials—after increasing. Inventories of nondurable goods increased less than in the fourth quarter.

"Other" nonfarm inventories increased \$6.5 billion after increasing \$0.2 billion. (The "other" component consists mainly of inventories held by the mining, construction, public utility, transportation, communication, and service industries.)

Farm inventories increased \$3.0 billion after increasing \$4.2 billion. Inventories of crops increased less than in the fourth quarter; inventories of livestock increased after a slight decrease.

The constant-dollar ratio of nonfarm inventories to all final sales of domestic businesses moved up to 2.56 in the first quarter from 2.53 in the

Table 4.—Change in Real Business Inventories

[Billions of 1987 dollars; seasonally adjusted at annual rates]

| | Level | | | | | Percent from preceding quarter | | | |
|---|-------|------|------|-------|------|--------------------------------|------|-------|------|
| | 1992 | | | | 1993 | 1992 | | | 1993 |
| | I | II | III | IV | I | II | III | IV | I |
| Change in business inventories | -12.6 | 7.8 | 15.0 | 9.8 | 36.8 | 20.4 | 7.2 | -5.2 | 27.0 |
| Farm | -1.9 | 1.8 | 5.3 | 4.2 | 3.0 | 3.7 | 3.5 | -1.1 | -1.2 |
| Nonfarm | -10.7 | 6.0 | 9.6 | 5.6 | 33.8 | 16.7 | 3.6 | -4.0 | 28.2 |
| Manufacturing | -8.7 | -6.5 | 3.9 | -14.5 | 1.4 | 2.2 | 10.4 | -18.4 | 15.9 |
| Wholesale trade | -5.6 | 3.2 | -2.3 | 8.0 | 1.9 | 8.8 | -5.5 | 10.3 | -6.1 |
| Retail trade | .5 | 11.8 | 9.7 | 12.0 | 23.9 | 11.3 | -2.1 | 2.3 | 11.9 |
| Automotive | 4.8 | 5.5 | 1.6 | 2.1 | 15.1 | .7 | -3.9 | .5 | 13.0 |
| Other retail trade | -4.3 | 6.3 | 8.1 | 9.9 | 8.8 | 10.6 | 1.8 | 1.8 | -1.1 |
| Other | 3.2 | -2.5 | -1.6 | .2 | 6.5 | -5.7 | .9 | 1.8 | 6.3 |

NOTE.—Dollar levels for change in real business inventories are found in table 5.11 of the "Selected NIPA Tables."

fourth. A different ratio, in which final sales are limited to goods and structures, moved up to 4.50 from 4.42. In the fourth quarter, each ratio had been at its lowest point in several years; the first-quarter increases brought each ratio back to or near its level in the third quarter of 1992.³

Net exports of goods and services

Real exports decreased 2.6 percent in the first quarter after increasing 8.9 percent in the fourth; real imports increased 12.0 percent after increasing 5.7 percent (table 5).

Merchandise exports fell 6.3 percent after increasing 13.7 percent; all major end-use categories weakened. Nonautomotive capital goods, nonau-

tomotive consumer goods, and "other" merchandise exports decreased after increasing. Foods, feeds, and beverages decreased more than in the fourth quarter, as did industrial supplies and materials. Autos increased much less than in the fourth quarter. Exports of services increased after decreasing.

Merchandise imports increased 12.0 percent after increasing 6.8 percent; much of the step-up was accounted for by an upturn in imports of nonautomotive consumer goods. Imports of foods, feed, and beverages and of petroleum and products also turned up. Auto imports increased more than in the fourth quarter. Imports of services increased substantially after no change.

Government purchases

Real government purchases decreased 7.3 percent in the first quarter after decreasing 2.6 percent in the fourth (table 6). Federal Government purchases decreased substantially more in the

Table 5.—Real Net Exports of Goods and Services

(Seasonally adjusted at annual rates)

| | Billions of 1987 dollars | | | | | Percent change from preceding quarter | | | |
|--|--------------------------|-------------------------------|-------------|------------|--------------|---------------------------------------|------|------|-------|
| | Level | Change from preceding quarter | | | | 1992 | | | 1993 |
| | | 1992 | | | 1993 | II | III | IV | I |
| | | 1993: I | II | III | IV | | | | |
| Net exports of goods and services | -71.1 | -22.4 | -8.8 | 3.7 | -22.1 | | | | |
| Exports of goods and services | 584.5 | -2.0 | 12.5 | 12.4 | -3.8 | -4.1 | 9.2 | 8.9 | -2.6 |
| Merchandise | 427.1 | -1 | 12.4 | 13.7 | -7.0 | -1 | 12.7 | 13.7 | -6.3 |
| Agricultural products | 39.3 | -1.1 | 4.6 | -6 | -2.3 | -10.9 | 58.7 | -5.6 | -20.3 |
| Nonagricultural products | 387.8 | 1.0 | 7.8 | 14.2 | -4.6 | 1.1 | 8.7 | 15.9 | -4.6 |
| Services | 157.3 | -1.9 | .1 | -1.3 | 3.1 | -4.7 | .3 | -3.3 | 8.3 |
| Imports of goods and services | 655.6 | 20.5 | 21.3 | 8.7 | 18.3 | 14.7 | 14.8 | 5.7 | 12.0 |
| Merchandise | 550.5 | 19.8 | 18.6 | 8.7 | 15.4 | 17.2 | 15.5 | 6.8 | 12.0 |
| Petroleum and products | 52.9 | 4.2 | 1.6 | -4 | .8 | 41.1 | 13.2 | -3.0 | 6.3 |
| Nonpetroleum products | 497.6 | 15.5 | 17.1 | 9.1 | 14.6 | 14.8 | 15.8 | 7.9 | 12.7 |
| Services | 105.1 | .7 | 2.7 | 0 | 2.9 | 2.9 | 11.3 | 0 | 11.8 |

NOTE.—Dollar levels are found in tables 4.2 and 4.4 of the "Selected NIPA Tables," and percent changes in major aggregates are found in table 8.1.

Table 6.—Real Government Purchases

(Seasonally adjusted at annual rates)

| | Billions of 1987 dollars | | | | | Percent change from preceding quarter | | | |
|-----------------------------------|--------------------------|-------------------------------|------------|-------------|--------------|---------------------------------------|------------|-------------|-------------|
| | Level | Change from preceding quarter | | | | 1992 | | | 1993 |
| | | 1992 | | | 1993 | II | III | IV | I |
| | | 1993: I | II | III | IV | | | | |
| Government purchases | 919.3 | -2.8 | 8.8 | -6.2 | -17.5 | -1.2 | 3.8 | -2.6 | -7.3 |
| Federal | 357.1 | -2.6 | 6.8 | -4.5 | -17.9 | -2.7 | 7.5 | -4.7 | -17.8 |
| National defense | 245.9 | -3.5 | 5.3 | -2.4 | -19.1 | -5.2 | 8.3 | -3.5 | -25.9 |
| Nondefense | 111.3 | .9 | 1.5 | -2.2 | 1.4 | 3.3 | 5.5 | -7.6 | 5.2 |
| State and local | 562.2 | -3 | 2.0 | -1.6 | .3 | -2 | 1.4 | -1.1 | .2 |
| Structures | 82.0 | -1.7 | .2 | -2.8 | -6 | -7.6 | .9 | -12.5 | -2.9 |
| Other | 480.2 | 1.4 | 1.8 | 1.2 | .9 | 1.2 | 1.5 | 1.0 | .8 |

NOTE.—Dollar levels are found in table 3.8B of the "Selected NIPA Tables," and percent changes are found in table 8.1.

first quarter than in the fourth; the first-quarter decrease was more than accounted for by reductions in national defense purchases. State and local government purchases changed little after decreasing.

Federal defense purchases decreased 25.9 percent after decreasing 3.5 percent. Although the decrease was spread across all types of defense purchases, more than half of it was in purchases of services; within services, the largest decreases were in contractual research and development, installation support, and weapons support. Military equipment also dropped sharply; the largest decreases were in aircraft and missiles.

Federal nondefense purchases increased 5.2 percent after decreasing 7.6 percent. The increase was accounted for by purchases of durables and of services excluding compensation of employ-

ees. Compensation was unchanged for the third consecutive quarter.

State and local government purchases increased 0.2 percent after decreasing 1.1 percent. Purchases other than structures continued to increase slightly; structures continued to decrease.

Revisions

The preliminary first-quarter estimate of a 0.9-percent increase in real GDP is 0.9 percentage point less than the advance estimate issued in April (table 7). This revision is larger than usual; over the past 10 years, the average absolute revision from the advance estimate to the preliminary estimate has been 0.6 percentage point.

By far, the largest revision in any of the components of real GDP was in imports, at \$23.4 billion; the revision primarily reflected the incorporation of newly available data that showed an unexpectedly large increase in merchandise imports in March. Downward revisions in government purchases and in residential investment also helped to lower the estimate of GDP. The effect of these three revisions on GDP was only partly offset by upward revisions in nonresidential fixed investment, in exports, and in change in business inventories.

For real gross domestic purchases, the preliminary estimate of a 2.7-percent increase is 0.5 percentage point higher than the advance estimate. Revisions in gross domestic purchases are not affected by revisions in imports and exports.

For the fixed-weighted price index for gross domestic purchases, the preliminary estimate of a 3.5-percent increase is slightly higher than the advance estimate. For the fixed-weighted price index for GDP, the preliminary estimate of a 4.2-percent increase is the same as the advance estimate.

Corporate Profits

Profits from current production—profits before tax plus inventory valuation adjustment (IVA) and capital consumption adjustment (CCAdj)—increased \$3.7 billion in the first quarter after increasing \$54.4 billion in the fourth (table 8).

Profits from the domestic operations of nonfinancial corporations decreased \$14.3 billion after increasing \$43.0 billion; the decrease reflected a drop in unit profits that resulted when unit costs (labor and nonlabor) increased more than unit prices. In contrast to the drop in nonfinancial profits, profits from the domestic operations of

Table 7.—Revisions in Real Gross Domestic Product and Prices, First Quarter 1993

[Seasonally adjusted at annual rates]

| | Billions of 1987 dollars | Percent change from preceding quarter | |
|---|--------------------------|---|----------------------|
| | | Preliminary estimate minus advance estimate | Preliminary estimate |
| Gross domestic product | -10.6 | 1.8 | 0.9 |
| Less: Exports of goods and services | 26.9 | -7.1 | -2.6 |
| Plus: Imports of goods and services | 223.4 | -3.2 | 12.0 |
| Equals: Gross domestic purchases | 5.8 | 2.2 | 2.7 |
| Personal consumption expenditures | 0 | 1.2 | 1.2 |
| Durables | -1 | .7 | .6 |
| Nondurables | 1.1 | -2.8 | -2.4 |
| Services | -1.0 | 3.7 | 3.4 |
| Fixed investment | 7.0 | 4.0 | 8.0 |
| Nonresidential | 7.2 | 5.6 | 11.4 |
| Residential | -2 | .2 | -2 |
| Change in business inventories | 1.0 | ..... | ..... |
| Nonfarm | 1.3 | ..... | ..... |
| Farm | -3 | ..... | ..... |
| Government purchases | -2.2 | -6.4 | -7.3 |
| Federal | -2.6 | -15.3 | -17.8 |
| State and local | .4 | -1 | .2 |
| GDP price index (fixed weights) ¹ ..... | ..... | 4.2 | 4.2 |
| Gross domestic purchases price index (fixed weights) ¹ ..... | ..... | 3.4 | 3.5 |

1. Based on 1987 weights.

NOTE.—Preliminary estimates for the first quarter of 1993 incorporate the following revised or additional major source data that were not available when the advance estimates were prepared a month ago.

Personal consumption expenditures: Revised retail sales for February and March, and consumers' share of new car purchases for February.

Nonresidential fixed investment: Construction put in place for January and February (revised) and March, manufacturers' shipments of machinery and equipment for February (revised) and March, and business' share of new car purchases for February.

Residential investment: Construction put in place for January and February (revised) and March.

Change in business inventories: Manufacturing and trade inventories for February (revised) and March, and revised unit inventories of motor vehicles for March.

Net exports of goods and services: Merchandise exports and merchandise imports for February (revised) and March.

Government purchases: Federal outlays for March, State and local construction put in place for February (revised) and March, and Employment Cost Index for State and local government wages and salaries for the quarter.

Wages and salaries: Revised employment, average hourly earnings, and average weekly hours for February and March.

GDP prices: Detailed merchandise export and import price indexes for January through March, values and quantities of petroleum imports for March, and housing prices for the quarter.

financial corporations increased \$3.3 billion after increasing \$15.3 billion, and profits from the rest of the world increased \$14.8 billion after decreasing \$4.0 billion.

Cash flow from current production, a profits-related measure of internally generated funds available to corporations for investment, increased \$6.1 billion after increasing \$20.5 billion. In recent quarters, the ratio of cash flow to non-residential fixed investment has been more than 90 percent, about 20 percentage points higher than its average level in the 1980's. This high level, which partly reflects relatively weak investment spending, suggests that investment could increase substantially before cash flow became a binding constraint.

Profits by industry.—Profits before tax (PBT) with IVA is the best measure of industry profits because estimates of the CCAdj by industry are not available. This measure presents much the same picture as does profits from current production. For the domestic operations of nonfinancial corporations, PBT with IVA decreased \$17.3 billion

after increasing \$35.0 billion; for the domestic operations of financial corporations, it increased \$3.5 billion after increasing \$15.0 billion.

Detailed estimates by industry will not be available until next month. On the basis of preliminary and incomplete information, it appears that all major groups of nonfinancial industries were weak in the first quarter. Among financial corporations, profits of insurance carriers were reduced substantially by benefit payments in the wake of the storm on the East Coast in March.

Profits from the rest of the world increased \$14.8 billion. This component of profits measures receipts of profits from foreign affiliates of U.S. corporations less payments of profits by U.S. affiliates of foreign corporations. Preliminary and incomplete information for the first quarter shows receipts jumping \$16.6 billion and payments increasing \$1.9 billion. Much of the increase in receipts appears to have been accounted for by manufacturing and banking affiliates in the United Kingdom and by manufacturing affiliates in Canada.

PBT and related measures.—PBT increased \$11.2 billion. The difference between the \$3.7 billion increase in profits from current production and the \$11.2 billion increase in PBT mainly reflected a decrease in the IVA.

The IVA is an estimate of inventory profits with the sign reversed. Inventory profits increased \$10.3 billion, reflecting a step-up in the rate of increase in prices of inventoried goods. The Producer Price Index, a major source for inventory prices, increased at an annual rate of 1.7 percent (not seasonally adjusted) in the first quarter after no change in the fourth.

Government Sector

The fiscal position of the government sector improved for the second consecutive quarter, as the combined deficit of the Federal Government and of State and local governments decreased \$14.7 billion, to \$262.5 billion in the first quarter of 1993 (table 9). A \$22.0 billion dollar decrease in the Federal Government deficit was partly offset by a \$7.3 billion decrease in the State and local government surplus.

Federal

The Federal Government deficit decreased to \$273.5 billion, as receipts increased and as expenditures decreased slightly.

Table 8.—Corporate Profits

[Seasonally adjusted at annual rates]

| | Level | Change from preceding quarter | |
|---|--------------|-------------------------------|------------|
| | 1993:I | 1992:IV | 1993:I |
| Billions of dollars | | | |
| Profits from current production | 432.2 | 54.4 | 3.7 |
| Domestic | 356.3 | 58.4 | -11.1 |
| Financial | 49.2 | 15.3 | 3.3 |
| Nonfinancial | 307.2 | 43.0 | -14.3 |
| Rest of the world | 75.9 | -4.0 | 14.8 |
| IVA | -9.3 | 10.7 | -10.3 |
| CCAdj | 40.8 | 8.4 | 2.7 |
| Profits before tax | 400.6 | 35.3 | 11.2 |
| Profits tax liability | 146.8 | 16.7 | -1.7 |
| Profits after tax | 253.8 | 18.8 | 12.8 |
| Profits by industry: | | | |
| Profits before tax with IVA | 391.4 | 46.0 | 1.0 |
| Domestic | 315.5 | 50.0 | -13.8 |
| Financial | 58.8 | 15.0 | 3.5 |
| Nonfinancial | 256.7 | 35.0 | -17.3 |
| Manufacturing | | 6.5 | |
| Trade | | 17.0 | |
| Transportation and public utilities | | 4.8 | |
| Other | | 6.6 | |
| Rest of the world | 75.9 | -4.0 | 14.8 |
| Receipts (inflows) | 79.7 | -5.3 | 16.6 |
| Payments (outflows) | 3.9 | -1.3 | 1.9 |
| Dollars | | | |
| Unit prices, costs, and profits of domestic nonfinancial corporations: | | | |
| Unit price | 1.163 | 0.003 | 0.008 |
| Unit labor cost | .763 | -.004 | .010 |
| Unit nonlabor cost | .291 | -.006 | .002 |
| Unit profits from current production | .109 | .013 | -.004 |

NOTE—Levels of these and other profits series are found in tables 1.14, 1.16, 6.16C, and 7.15 of the "Selected NIPA Tables."
IVA Inventory valuation adjustment
CCAdj Capital consumption adjustment

Receipts.—Receipts increased \$20.4 billion in the first quarter after increasing \$37.7 billion in the fourth. The first-quarter increase was accounted for by personal tax and nontax receipts and by contributions for social insurance.

Personal tax and nontax receipts increased \$11.1 billion after increasing \$12.7 billion.⁴ The first-quarter increase was mainly attributable to a large increase in declarations and net settlements of personal income taxes; the fourth-quarter increase reflected strong growth in wages and salaries. In the first quarter, declarations and net settlements increased \$11.4 billion, largely as a result of an Executive Order effective in March 1992 that reduced withholding but not liability. This increase was partly offset by a decrease resulting from the annual indexing of withholding tables for inflation.

Contributions for social insurance increased \$9.3 billion after increasing \$7.3 billion. In the first quarter, contributions were boosted \$2.0 billion by the annual indexing of the taxable wage base for social security and \$1.9 billion by a rate increase for supplemental medical insurance.

Indirect business tax and nontax accruals increased \$1.3 billion after increasing \$4.5 billion. Business nontax payments decreased, following two extraordinary payments to the Federal Government in the fourth quarter: \$1.7 billion (annual rate) for civil damage recovery settlements related to the savings and loan bailout and \$0.3 billion (annual rate) for settlements for the Valdez oil spill. Excise taxes on tobacco increased \$1.1 billion following no change in the fourth quarter; the increase reflected a 25-cents-per-pack increase due to a provision in the Omnibus Budget Reconciliation Act of 1990 that became effective January 1, 1993.

Corporate profits tax accruals decreased \$1.4 billion after an increase of \$13.2 billion. The decrease was attributable to a decrease in corporate profits from domestic operations.

Expenditures.—Expenditures decreased \$1.6 billion in the first quarter after increasing \$28.8 billion in the fourth. The downswing was more than accounted for by defense purchases.

Defense purchases decreased \$13.9 billion after decreasing \$1.4 billion. The first-quarter decrease was the largest in current-dollar defense purchases since 1965. The largest declines

were in deliveries of aircraft and aircraft components and in purchases of services, primarily in research and development and in installation support.

Transfer payments increased \$4.0 billion after increasing \$18.8 billion. The deceleration was more than accounted for by transfer payments to the rest of the world, which decreased \$9.3 billion after increasing \$11.9 billion. The downturn followed unusually high disbursements to Israel in the fourth quarter. Transfer payments to the rest of the world continued to include disbursements by the U.S. Department of Defense for relief efforts in Somalia. Trans-

Table 9.—Government Sector Receipts and Expenditures

[Billions of dollars, seasonally adjusted at annual rates]

| | Level | Change from preceding quarter | | | | |
|--|--------|-------------------------------|-------|-------|------|-------|
| | | 1992 | | | | 1993 |
| | | 1993: I | I | II | III | IV | I |
| Government sector | | | | | | |
| Receipts | 1898.9 | 25.6 | 13.6 | 11.9 | 52.0 | 25.4 |
| Expenditures | 2161.4 | 61.6 | 26.3 | 21.7 | 34.1 | 10.7 |
| Surplus or deficit (-) | -262.5 | -36.0 | -12.6 | -10.0 | 18.0 | 14.7 |
| Federal Government | | | | | | |
| Receipts | 1213.5 | 13.9 | 6.5 | 5.6 | 37.7 | 20.4 |
| Personal tax and nontax receipts | 499.3 | -3.8 | -4.2 | 11.3 | 12.7 | 11.1 |
| Corporate profits tax accruals | 120.0 | 8.9 | 6.1 | -10.1 | 13.2 | -1.4 |
| Indirect business tax and nontax accruals | 87.1 | -1.6 | .6 | 1.5 | 4.5 | 1.3 |
| Contributions for social insurance | 507.0 | 10.3 | 3.9 | 3.0 | 7.3 | 9.3 |
| Expenditures | 1487.0 | 44.4 | 20.2 | 7.1 | 28.8 | -1.6 |
| Purchases | 441.2 | 4.2 | -2 | 10.4 | -3.6 | -10.4 |
| National defense | 304.3 | -1.1 | -1.9 | 7.9 | -1.4 | -13.9 |
| Nondefense | 136.9 | 5.3 | 1.7 | 2.6 | -2.3 | 3.5 |
| Transfer payments (net) | 645.4 | 43.9 | 9.7 | 3.1 | 18.8 | 4.0 |
| To persons | 630.8 | 33.1 | 8.1 | 4.7 | 7.0 | 13.2 |
| To rest of the world | 14.6 | 10.7 | 1.6 | -1.6 | 11.9 | -9.3 |
| Grants-in-aid to State and local governments | 178.2 | 1.5 | 9.0 | -1 | 4.7 | -5 |
| Net interest paid | 181.8 | -3.3 | .7 | .3 | -3.0 | -3.0 |
| Subsidies less current surplus of government enterprises | 40.4 | -2.0 | 1.2 | -6.7 | 12.0 | 8.2 |
| Subsidies | 43.4 | -2.5 | .7 | -6.9 | 10.6 | 8.1 |
| Of which: Agricultural subsidies | 21.1 | -2.7 | .3 | -7.7 | 10.4 | 8.0 |
| Less: Current surplus of government enterprises | 3.0 | -5 | -5 | -2 | -1.3 | -2 |
| Less: Wage accruals less disbursements | 0 | 0 | 0 | 0 | 0 | 0 |
| Surplus or deficit (-) | -273.5 | -30.5 | -13.7 | -1.5 | 8.9 | 22.0 |
| State and local governments | | | | | | |
| Receipts | 863.6 | 13.2 | 16.2 | 6.0 | 19.2 | 4.4 |
| Personal tax and nontax receipts | 156.9 | .9 | 1.8 | .4 | 2.2 | 1.4 |
| Corporate profits tax accruals | 26.8 | 2.5 | 1.6 | -2.2 | 3.4 | -2 |
| Indirect business tax and nontax accruals | 436.3 | 7.5 | 3.2 | 7.3 | 8.1 | 3.1 |
| Contributions for social insurance | 65.4 | .7 | .7 | .6 | .8 | .6 |
| Federal grants-in-aid | 178.2 | 1.5 | 9.0 | -1 | 4.7 | -5 |
| Expenditures | 852.8 | 18.7 | 15.1 | 14.5 | 10.0 | 11.8 |
| Purchases | 674.9 | 8.5 | 6.3 | 4.7 | 2.7 | 3.2 |
| Of which: Structures | 91.3 | 5.1 | -6 | .8 | -1.5 | -9 |
| Transfer payments to persons | 253.4 | 9.0 | 8.6 | 9.3 | 6.8 | 7.9 |
| Net interest paid | -41.3 | 1.2 | 1.1 | 1.0 | 1.0 | 1.0 |
| Less: Dividends received by government | 10.4 | .1 | .3 | .1 | .1 | .2 |
| Subsidies less current surplus of government enterprises | -24.1 | .1 | -7 | -4 | -3 | -2 |
| Subsidies | .4 | 0 | 0 | 0 | 0 | 0 |
| Less: Current surplus of government enterprises | 24.5 | -1 | .7 | .4 | .3 | .2 |
| Less: Wage accruals less disbursements | 0 | 0 | 0 | 0 | 0 | 0 |
| Surplus or deficit (-) | 11.0 | -5.4 | 1.1 | -8.5 | 9.1 | -7.3 |
| Social insurance funds | 55.6 | -1.0 | -4 | -8 | -7 | -9 |
| Other | -44.6 | -4.5 | 1.5 | -7.7 | 9.9 | -6.5 |

NOTE.—Dollar levels are found in tables 3.2 and 3.3 of the "Selected NIPA Tables."

4. The increase in personal tax payments reflects BEA's best estimate of quarterly change in withheld income taxes. The level of total personal tax and nontax receipts in table 9 includes a shortfall resulting from the 1992 revision of withholding tables. For further discussion, see "Federal Budget Estimates, Fiscal Year 1994," SURVEY OF CURRENT BUSINESS 73 (April 1991): 51.

fer payments to persons increased \$13.2 billion after increasing \$7.0 billion. Social security benefits (old-age, survivors, and disability insurance) increased \$10.7 billion after increasing \$2.2 billion; the acceleration was due to a cost-of-living adjustment that became effective January 1, 1993.

Subsidies less the current surplus of government enterprises increased \$8.2 billion after increasing \$12.0 billion. The deceleration was largely attributable to agricultural subsidies, which increased \$8.0 billion after increasing \$10.4 billion.


Grants-in-aid to State and local governments decreased \$0.5 billion after increasing \$4.7 billion. This downturn was mainly attributable to decreases in programs for social services and for food and nutrition, but it was also attributable to decelerations in many other programs.

Net interest paid decreased \$3.0 billion for the second consecutive quarter. The first-quarter decrease was mostly attributable to gross interest paid for public debt, which decreased \$2.3 billion as a result of lower interest rates.

State and local

The State and local government surplus decreased to \$11.0 billion, as expenditures increased more than receipts.

Receipts increased \$4.4 billion in the first quarter after increasing \$19.2 billion in the fourth. Indirect business tax and nontax accruals increased \$3.1 billion after increasing \$8.1 billion; the deceleration was attributable mainly to sales tax collections, which reflected a slowing of retail sales. Federal grants-in-aid decreased \$0.5 billion after increasing \$4.7 billion (see the section on Federal Government expenditures). Corporate profits tax accruals decreased \$0.2 billion after increasing \$3.4 billion; the downturn reflected the decrease in corporate profits from domestic operations.

Expenditures increased \$11.8 billion in the first quarter after increasing \$10.0 billion in the fourth. In both quarters, most of the increase was accounted for by transfer payments to persons, which increased \$7.9 billion after increasing \$6.8 billion. The other expenditure categories combined increased \$3.9 billion after increasing \$3.2 billion. 

Changes in BEA Release Schedules

BEA's move this summer to a new location necessitates some changes in the release dates for the national income and product accounts (NIPA) estimates, the State personal income estimates, and the composite indexes of leading, coincident, and lagging indicators.

NIPA estimates

In June, the following changes are made to the NIPA release dates:

| | From | To |
|--|---------|---------|
| Gross domestic product, first quarter 1993 (final) | June 30 | June 23 |
| Corporate profits, first quarter 1993 (revised) | June 30 | June 23 |
| Personal income and outlays, May 1993 | July 1 | June 24 |

In July, the advance NIPA estimates for the second quarter will be released as scheduled; however, the annual revision of the NIPA's, usually released in July, will not be released until August when the preliminary estimates are released.

In August, the following changes are made to the NIPA release dates:

| | From | To |
|---|---------|---------|
| Gross domestic product, second quarter 1993 (preliminary) | Sept. 1 | Aug. 31 |
| Corporate profits, second quarter 1993 (preliminary) | Sept. 1 | Aug. 31 |
| Personal income and outlays, July 1993 | Sept. 2 | Sept. 1 |

Regional estimates

Because BEA's regional estimates depend upon its national estimates, the rescheduling of the annual NIPA revision to August will cause the following changes in the scheduled dates for State personal income:

| | From | To |
|--|---------|---------|
| State per capita personal income, 1992 (revised) | Aug. 24 | Oct. 7 |
| State personal income, second quarter 1993 | Oct. 21 | Nov. 18 |

Composite indexes

As a result of the earlier release dates for the NIPA estimates and to accommodate users by avoiding a Friday release, the following change is made to the scheduled release dates for the composite indexes of leading, coincident, and lagging indicators:

| | From | To |
|--|--------|---------|
| Composite indexes of leading, coincident, and lagging indicators, May 1993 | July 2 | June 29 |

NATIONAL INCOME AND PRODUCT ACCOUNTS

Selected NIPA Tables

New estimates in this issue: First quarter 1993, preliminary.

The selected set of national income and product accounts (NIPA) tables shown in this section presents quarterly estimates, which are updated monthly. (In most tables, the annual estimates are also shown.) These tables are available on the day of the gross domestic product (GDP) news release on printouts and diskettes on a subscription basis or from the Commerce Department's Economic Bulletin Board. For order information, write to the National Income and Wealth Division (BE-54), Bureau of Economic Analysis, Washington, DC 20230, or call (202) 523-0669.

The full set of NIPA tables is published in the SURVEY OF CURRENT BUSINESS as part of the annual NIPA revision, which this year will be released in August. Tables containing estimates for 1929-88 are available in the two-volume set *National Income and Product Accounts of the United States*; see the inside back cover for order information. These tables are also available, most beginning with 1929, on diskette or magnetic tape. For more information on the presentation of the estimates, see "A Look at How BEA Presents the NIPA's" in the February 1993 SURVEY.

NOTE.—This section of the SURVEY is prepared by the National Income and Wealth Division and the Government Division.

NOTE TO USERS: The annual revision of the NIPA's, which will cover the 3-year period beginning with the first quarter of 1990, will be presented in the August SURVEY. The August 31 release of the preliminary NIPA estimates for the second quarter of 1993 will include a summary of the revision. (For more information about this and other changes in the release schedule, see the box on page 10.)

Table 1.1.—Gross Domestic Product

[Billions of dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | |
|--|---------|---------|-------------------------------------|---------|---------|---------|---------|---------|
| | | | 1991 | 1992 | | | | 1993 |
| | | | IV | I | II | III | IV | I |
| Gross domestic product | 5,677.5 | 5,950.7 | 5,753.3 | 5,840.2 | 5,902.2 | 5,978.5 | 6,081.8 | 6,148.0 |
| Personal consumption expenditures | 3,887.7 | 4,095.8 | 3,942.9 | 4,022.8 | 4,057.1 | 4,108.7 | 4,194.8 | 4,238.6 |
| Durable goods | 446.1 | 480.4 | 450.4 | 469.4 | 470.6 | 482.5 | 499.1 | 500.6 |
| Nondurable goods | 1,251.5 | 1,290.7 | 1,251.4 | 1,274.1 | 1,277.5 | 1,292.8 | 1,318.6 | 1,321.8 |
| Services | 2,190.1 | 2,324.7 | 2,241.1 | 2,279.3 | 2,309.0 | 2,333.3 | 2,377.1 | 2,416.3 |
| Gross private domestic investment | 721.1 | 770.4 | 736.1 | 722.4 | 773.2 | 781.6 | 804.3 | 844.1 |
| Fixed investment | 731.3 | 766.0 | 726.9 | 738.2 | 765.1 | 766.6 | 794.0 | 805.1 |
| Nonresidential | 541.1 | 548.2 | 528.7 | 531.0 | 550.3 | 549.6 | 562.1 | 571.0 |
| Structures | 180.1 | 168.4 | 169.7 | 170.1 | 170.3 | 166.1 | 167.0 | 167.1 |
| Producers' durable equipment | 360.9 | 379.9 | 358.9 | 360.8 | 380.0 | 383.5 | 395.1 | 403.9 |
| Residential | 190.3 | 217.7 | 198.2 | 207.2 | 214.8 | 217.0 | 231.9 | 234.1 |
| Change in business inventories | -10.2 | 4.4 | 9.2 | -15.8 | 8.1 | 15.0 | 10.3 | 39.0 |
| Nonfarm | -10.3 | 2.2 | 14.5 | -13.3 | 6.4 | 9.7 | 6.2 | 36.7 |
| Farm | 0 | 2.2 | -5.3 | -2.4 | 1.7 | 5.3 | 4.1 | 2.3 |
| Net exports of goods and services | -21.8 | -30.4 | -16.0 | -8.1 | -37.1 | -36.0 | -40.5 | -50.9 |
| Exports | 598.2 | 636.3 | 622.9 | 628.1 | 625.4 | 639.0 | 652.7 | 649.7 |
| Imports | 620.0 | 666.7 | 638.9 | 636.2 | 662.5 | 675.0 | 693.2 | 700.5 |
| Government purchases | 1,090.5 | 1,114.9 | 1,090.3 | 1,103.1 | 1,109.1 | 1,124.2 | 1,123.3 | 1,116.1 |
| Federal | 447.3 | 449.1 | 440.8 | 445.0 | 444.8 | 455.2 | 451.6 | 441.2 |
| National defense | 323.8 | 315.8 | 314.7 | 313.6 | 311.7 | 319.6 | 318.2 | 304.3 |
| Nondefense | 123.6 | 133.4 | 126.1 | 131.4 | 133.1 | 135.7 | 133.4 | 136.9 |
| State and local | 643.2 | 665.8 | 649.5 | 658.0 | 664.3 | 669.0 | 671.7 | 674.9 |

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

Table 1.2.—Gross Domestic Product in Constant Dollars

[Billions of 1987 dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | |
|--|---------|---------|-------------------------------------|---------|---------|---------|---------|---------|
| | | | 1991 | 1992 | | | | 1993 |
| | | | IV | I | II | III | IV | I |
| Gross domestic product | 4,821.0 | 4,922.6 | 4,838.5 | 4,873.7 | 4,892.4 | 4,933.7 | 4,990.8 | 5,002.5 |
| Personal consumption expenditures | 3,240.8 | 3,314.0 | 3,249.0 | 3,289.3 | 3,288.5 | 3,318.4 | 3,359.9 | 3,369.9 |
| Durable goods | 414.7 | 439.1 | 416.1 | 432.3 | 430.0 | 439.8 | 454.4 | 455.1 |
| Nondurable goods | 1,042.4 | 1,054.1 | 1,035.6 | 1,049.6 | 1,045.6 | 1,052.0 | 1,069.4 | 1,063.0 |
| Services | 1,783.7 | 1,820.7 | 1,797.4 | 1,807.3 | 1,812.9 | 1,826.6 | 1,836.2 | 1,851.8 |
| Gross private domestic investment | 661.1 | 712.6 | 676.9 | 668.9 | 713.6 | 724.9 | 743.1 | 784.3 |
| Fixed investment | 670.4 | 707.6 | 669.3 | 681.4 | 705.9 | 710.0 | 733.3 | 747.6 |
| Nonresidential | 500.2 | 515.0 | 492.1 | 495.8 | 514.7 | 518.7 | 530.9 | 545.4 |
| Structures | 157.6 | 146.8 | 148.4 | 149.4 | 149.1 | 144.7 | 144.0 | 143.4 |
| Producers' durable equipment | 342.6 | 368.2 | 343.7 | 346.4 | 365.6 | 374.0 | 386.9 | 402.0 |
| Residential | 170.2 | 192.6 | 177.3 | 185.6 | 191.2 | 191.3 | 202.3 | 202.2 |
| Change in business inventories | -9.3 | 5.0 | 7.5 | -12.6 | 7.8 | 15.0 | 9.8 | 36.8 |
| Nonfarm | -9.6 | 2.6 | 11.8 | -10.7 | 6.0 | 9.6 | 5.6 | 33.8 |
| Farm | .3 | 2.4 | -4.2 | -1.9 | 1.8 | 5.3 | 4.2 | 3.0 |
| Net exports of goods and services | -21.8 | -41.8 | -20.5 | -21.5 | -43.9 | -52.7 | -49.0 | -71.1 |
| Exports | 539.4 | 573.2 | 561.4 | 565.4 | 563.4 | 575.9 | 588.3 | 584.5 |
| Imports | 561.2 | 615.0 | 581.8 | 586.8 | 607.3 | 628.6 | 637.3 | 655.6 |
| Government purchases | 941.0 | 937.8 | 933.1 | 937.0 | 934.2 | 943.0 | 936.8 | 919.3 |
| Federal | 388.3 | 375.6 | 378.2 | 375.3 | 372.7 | 379.5 | 375.0 | 357.1 |
| National defense | 282.8 | 265.0 | 271.0 | 265.6 | 262.1 | 267.4 | 265.0 | 245.9 |
| Nondefense | 105.5 | 110.6 | 107.2 | 109.7 | 110.6 | 112.1 | 109.9 | 111.3 |
| State and local | 552.7 | 562.2 | 554.9 | 561.8 | 561.5 | 563.5 | 561.9 | 562.2 |

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

Table 1.3.—Gross Domestic Product by Major Type of Product

[Billions of dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | |
|---------------------------------------|----------------|----------------|-------------------------------------|----------------|----------------|----------------|----------------|----------------|
| | | | 1991 | | 1992 | | | 1993 |
| | | | IV | I | II | III | IV | |
| Gross domestic product | 5,677.5 | 5,950.7 | 5,753.3 | 5,840.2 | 5,902.2 | 5,978.5 | 6,081.8 | 6,148.0 |
| Final sales of domestic product | 5,687.7 | 5,946.3 | 5,744.2 | 5,855.9 | 5,894.1 | 5,963.5 | 6,071.5 | 6,109.0 |
| Change in business inventories | -10.2 | 4.4 | 9.2 | -15.8 | 8.1 | 15.0 | 10.3 | 39.0 |
| Goods¹ | 2,182.5 | 2,264.7 | 2,197.6 | 2,217.8 | 2,241.3 | 2,273.4 | 2,326.4 | 2,349.4 |
| Final sales | 2,192.7 | 2,260.3 | 2,188.4 | 2,233.6 | 2,233.2 | 2,258.4 | 2,316.1 | 2,310.4 |
| Change in business inventories | -10.2 | 4.4 | 9.2 | -15.8 | 8.1 | 15.0 | 10.3 | 39.0 |
| Durable goods | 888.4 | 940.4 | 897.6 | 904.3 | 941.8 | 946.5 | 969.0 | 987.3 |
| Final sales | 907.6 | 943.9 | 905.7 | 923.6 | 932.3 | 943.8 | 975.8 | 968.5 |
| Change in business inventories | -19.2 | -3.5 | -8.1 | -19.3 | 9.5 | 2.7 | -6.9 | 18.8 |
| Nondurable goods | 1,294.1 | 1,324.3 | 1,300.0 | 1,313.5 | 1,299.5 | 1,326.9 | 1,357.4 | 1,362.2 |
| Final sales | 1,285.1 | 1,316.4 | 1,282.7 | 1,310.0 | 1,300.8 | 1,314.6 | 1,340.3 | 1,341.9 |
| Change in business inventories | 9.0 | 7.9 | 17.3 | 3.5 | -1.4 | 12.3 | 17.2 | 20.2 |
| Services¹ | 3,030.2 | 3,197.1 | 3,090.3 | 3,142.2 | 3,173.4 | 3,217.8 | 3,255.1 | 3,298.6 |
| Structures | 464.7 | 488.8 | 465.5 | 480.1 | 487.6 | 487.3 | 500.3 | 500.0 |

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services.

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

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

[Billions of dollars]

| | | | | | | | | |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Gross domestic product | 5,677.5 | 5,950.7 | 5,753.3 | 5,840.2 | 5,902.2 | 5,978.5 | 6,081.8 | 6,148.0 |
| Less: Exports of goods and services | 598.2 | 636.3 | 622.9 | 628.1 | 625.4 | 639.0 | 652.7 | 649.7 |
| Plus: Imports of goods and services | 620.0 | 666.7 | 638.9 | 636.2 | 662.5 | 675.0 | 693.2 | 700.5 |
| Equals: Gross domestic purchases¹ | 5,699.3 | 5,981.1 | 5,769.3 | 5,848.3 | 5,939.4 | 6,014.5 | 6,122.3 | 6,198.9 |
| Less: Change in business inventories | -10.2 | 4.4 | 9.2 | -15.8 | 8.1 | 15.0 | 10.3 | 39.0 |
| Equals: Final sales to domestic purchasers² | 5,709.5 | 5,976.7 | 5,760.1 | 5,864.1 | 5,931.3 | 5,999.5 | 6,112.0 | 6,159.9 |

1. Purchases by U.S. residents of goods and services wherever produced.

2. Final sales to U.S. residents of goods and services wherever produced.

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 | 5,677.5 | 5,950.7 | 5,753.3 | 5,840.2 | 5,902.2 | 5,978.5 | 6,081.8 | 6,148.0 |
| Business | 4,803.8 | 5,033.4 | 4,867.2 | 4,937.4 | 4,988.6 | 5,057.5 | 5,149.9 | 5,200.6 |
| Nonfarm | 4,702.8 | 4,916.4 | 4,772.9 | 4,826.9 | 4,877.6 | 4,940.0 | 5,020.9 | 5,068.2 |
| Nonfarm less housing | 4,229.8 | 4,415.4 | 4,289.5 | 4,341.1 | 4,386.9 | 4,413.2 | 4,520.6 | 4,556.6 |
| Housing | 473.0 | 500.9 | 483.4 | 485.8 | 490.7 | 526.8 | 500.4 | 511.5 |
| Farm | 79.1 | 82.9 | 77.9 | 81.6 | 80.1 | 82.5 | 87.3 | 85.6 |
| Statistical discrepancy | 21.9 | 34.1 | 16.4 | 29.0 | 30.9 | 35.1 | 41.7 | 46.8 |
| Households and institutions | 246.1 | 263.4 | 253.5 | 258.3 | 261.5 | 264.8 | 268.9 | 273.2 |
| Private households | 9.2 | 9.7 | 9.3 | 9.4 | 9.6 | 9.7 | 9.9 | 10.1 |
| Nonprofit institutions | 236.9 | 253.7 | 244.2 | 248.9 | 251.9 | 255.1 | 259.0 | 263.2 |
| General government | 627.6 | 654.0 | 632.7 | 644.4 | 652.2 | 656.2 | 663.0 | 674.2 |
| Federal | 192.0 | 199.0 | 191.1 | 198.2 | 198.7 | 199.0 | 200.2 | 206.6 |
| State and local | 435.6 | 454.9 | 441.6 | 446.2 | 453.5 | 457.2 | 462.8 | 467.6 |
| Addendum: | | | | | | | | |
| Gross domestic business product less housing | 4,326.3 | | | | | | | |

Table 1.4.—Gross Domestic Product by Major Type of Product in Constant Dollars

[Billions of 1987 dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | |
|---------------------------------------|----------------|----------------|-------------------------------------|----------------|----------------|----------------|----------------|----------------|
| | | | 1991 | | 1992 | | | 1993 |
| | | | IV | I | II | III | IV | |
| Gross domestic product | 4,821.0 | 4,922.6 | 4,838.5 | 4,873.7 | 4,892.4 | 4,933.7 | 4,990.8 | 5,002.5 |
| Final sales of domestic product | 4,830.3 | 4,917.6 | 4,830.9 | 4,886.3 | 4,884.6 | 4,918.7 | 4,981.0 | 4,965.7 |
| Change in business inventories | -9.3 | 5.0 | 7.5 | -12.6 | 7.8 | 15.0 | 9.8 | 36.8 |
| Goods¹ | 1,911.2 | 1,959.4 | 1,915.7 | 1,924.0 | 1,936.7 | 1,966.2 | 2,010.6 | 2,017.1 |
| Final sales | 1,920.5 | 1,954.4 | 1,908.2 | 1,936.6 | 1,929.0 | 1,951.3 | 2,000.7 | 1,980.3 |
| Change in business inventories | -9.3 | 5.0 | 7.5 | -12.6 | 7.8 | 15.0 | 9.8 | 36.8 |
| Durable goods | 834.1 | 876.2 | 839.4 | 842.4 | 874.2 | 883.6 | 904.8 | 922.3 |
| Final sales | 851.6 | 879.2 | 846.8 | 859.6 | 865.7 | 880.2 | 911.1 | 905.2 |
| Change in business inventories | -17.5 | -2.9 | -7.4 | -17.3 | 8.6 | 3.3 | -6.3 | 17.2 |
| Nondurable goods | 1,077.1 | 1,083.2 | 1,076.3 | 1,081.7 | 1,062.5 | 1,082.7 | 1,105.8 | 1,094.7 |
| Final sales | 1,069.0 | 1,075.2 | 1,061.3 | 1,077.0 | 1,063.3 | 1,071.1 | 1,089.7 | 1,075.1 |
| Change in business inventories | 8.2 | 7.9 | 15.0 | 4.7 | -8 | 11.6 | 16.1 | 19.6 |
| Services¹ | 2,497.6 | 2,531.0 | 2,509.0 | 2,520.1 | 2,522.4 | 2,537.5 | 2,544.0 | 2,552.2 |
| Structures | 412.2 | 432.2 | 413.7 | 429.5 | 433.3 | 429.9 | 436.2 | 433.2 |

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services.

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

Table 1.6.—Relation of Gross Domestic Product, Gross Domestic Purchases, and Final Sales to Domestic Purchasers in Constant Dollars

[Billions of 1987 dollars]

| | | | | | | | | |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Gross domestic product | 4,821.0 | 4,922.6 | 4,838.5 | 4,873.7 | 4,892.4 | 4,933.7 | 4,990.8 | 5,002.5 |
| Less: Exports of goods and services | 539.4 | 573.2 | 561.4 | 565.4 | 563.4 | 575.9 | 588.3 | 584.5 |
| Plus: Imports of goods and services | 561.2 | 615.0 | 581.8 | 586.8 | 607.3 | 628.6 | 637.3 | 655.6 |
| Equals: Gross domestic purchases¹ | 4,842.8 | 4,964.4 | 4,858.9 | 4,895.2 | 4,936.3 | 4,986.4 | 5,039.8 | 5,073.6 |
| Less: Change in business inventories | -9.3 | 5.0 | 7.5 | -12.6 | 7.8 | 15.0 | 9.8 | 36.8 |
| Equals: Final sales to domestic purchasers² | 4,852.1 | 4,959.4 | 4,851.4 | 4,907.7 | 4,928.5 | 4,971.4 | 5,030.0 | 5,036.8 |

1. Purchases by U.S. residents of goods and services wherever produced.

2. Final sales to U.S. residents of goods and services wherever produced.

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

Table 1.8.—Gross Domestic Product by Sector in Constant Dollars

[Billions of 1987 dollars]

| | | | | | | | | |
|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Gross domestic product | 4,821.0 | 4,922.6 | 4,838.5 | 4,873.7 | 4,892.4 | 4,933.7 | 4,990.8 | 5,002.5 |
| Business | 4,103.9 | 4,202.9 | 4,123.1 | 4,156.8 | 4,174.4 | 4,212.5 | 4,268.0 | 4,278.7 |
| Nonfarm | 4,015.8 | 4,100.3 | 4,036.3 | 4,058.8 | 4,076.1 | 4,109.2 | 4,157.2 | 4,166.6 |
| Nonfarm less housing | 3,621.0 | 3,700.9 | 3,640.3 | 3,661.1 | 3,677.0 | 3,709.1 | 3,756.4 | 3,763.7 |
| Housing | 394.9 | 399.4 | 396.0 | 397.6 | 399.1 | 400.1 | 400.8 | 402.9 |
| Farm | 69.4 | 74.1 | 72.8 | 73.6 | 72.5 | 74.0 | 76.3 | 73.6 |
| Statistical discrepancy | 18.7 | 28.5 | 13.9 | 24.4 | 25.9 | 29.2 | 34.5 | 38.5 |
| Households and institutions | 202.4 | 208.0 | 204.8 | 206.7 | 206.7 | 208.8 | 209.8 | 210.9 |
| Private households | 8.2 | 8.4 | 8.2 | 8.3 | 8.4 | 8.4 | 8.4 | 8.5 |
| Nonprofit institutions | 194.2 | 199.7 | 196.6 | 198.4 | 198.3 | 200.5 | 201.4 | 202.4 |
| General government | 514.7 | 511.7 | 510.6 | 510.3 | 511.3 | 512.3 | 513.0 | 512.9 |
| Federal | 157.1 | 151.5 | 153.4 | 152.5 | 151.8 | 151.1 | 150.6 | 149.5 |
| State and local | 357.5 | 360.2 | 357.3 | 357.7 | 359.5 | 361.2 | 362.4 | 363.4 |
| Addendum: | | | | | | | | |
| Gross domestic business product less housing | 3,705.2 | | | | | | | |

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

[Billions of dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | |
|--|---------|---------|-------------------------------------|---------|---------|---------|---------|---------|
| | | | 1991 | | 1992 | | | 1993 |
| | | | IV | I | II | III | IV | I |
| Gross domestic product | 5,677.5 | 5,950.7 | 5,753.3 | 5,840.2 | 5,902.2 | 5,978.5 | 6,081.8 | 6,148.0 |
| Plus: Receipts of factor income from the rest of the world ¹ | 143.5 | 128.8 | 133.1 | 132.9 | 131.3 | 128.8 | 122.3 | 135.6 |
| Less: Payments of factor income to the rest of the world ² | 126.0 | 117.6 | 122.3 | 113.3 | 124.3 | 115.3 | 117.3 | 115.6 |
| Equals: Gross national product | 5,694.9 | 5,961.9 | 5,764.1 | 5,859.8 | 5,909.3 | 5,992.0 | 6,086.8 | 6,168.1 |
| Less: Consumption of fixed capital | 626.1 | 653.4 | 637.1 | 631.4 | 638.2 | 697.7 | 646.5 | 660.8 |
| Capital consumption allowances | 574.2 | 619.3 | 588.2 | 598.0 | 608.9 | 642.8 | 627.7 | 640.0 |
| Less: Capital consumption adjustment | -51.9 | -34.1 | -48.8 | -33.5 | -29.3 | -54.8 | -18.8 | -20.9 |
| Equals: Net national product | 5,068.8 | 5,308.5 | 5,127.0 | 5,228.3 | 5,271.1 | 5,294.3 | 5,440.2 | 5,507.2 |
| Less: Indirect business tax and nontax liability | 475.2 | 504.2 | 487.9 | 493.8 | 497.6 | 506.4 | 519.0 | 523.4 |
| Business transfer payments | 28.1 | 29.7 | 28.6 | 29.4 | 29.8 | 29.9 | 29.9 | 29.9 |
| Statistical discrepancy | 21.9 | 34.1 | 16.4 | 29.0 | 30.9 | 35.1 | 41.7 | 46.8 |
| Plus: Subsidies less current surplus of government enterprises | .5 | 2.9 | 5.1 | 3.2 | 3.6 | -3.4 | 8.2 | 16.3 |
| Equals: National income | 4,544.2 | 4,743.4 | 4,599.1 | 4,679.4 | 4,716.5 | 4,719.6 | 4,858.0 | 4,923.5 |
| Less: Corporate profits with inventory valuation and capital consumption adjustments | 346.3 | 393.8 | 347.1 | 384.0 | 388.4 | 374.1 | 428.5 | 432.2 |
| Net interest | 449.5 | 415.2 | 446.9 | 430.0 | 420.0 | 407.3 | 403.6 | 402.9 |
| Contributions for social insurance | 528.8 | 553.5 | 535.2 | 546.2 | 550.8 | 554.4 | 562.5 | 572.4 |
| Wage accruals less disbursements | -.1 | -1.5 | 0 | 0 | 0 | 0 | -6.0 | -6.0 |
| Plus: Personal interest income | 700.6 | 670.2 | 703.3 | 684.8 | 675.2 | 663.2 | 657.8 | 656.4 |
| Personal dividend income | 137.0 | 139.3 | 134.3 | 133.9 | 136.6 | 141.0 | 145.8 | 149.9 |
| Government transfer payments to persons | 748.3 | 841.6 | 776.5 | 818.6 | 835.3 | 849.3 | 863.0 | 884.2 |
| Business transfer payments to persons | 22.8 | 24.5 | 23.3 | 24.1 | 24.4 | 24.8 | 24.9 | 25.1 |
| Equals: Personal income | 4,828.3 | 5,058.1 | 4,907.2 | 4,980.5 | 5,028.9 | 5,062.0 | 5,160.9 | 5,237.6 |
| Addenda: | | | | | | | | |
| Net domestic product | 5,051.4 | 5,297.2 | 5,116.3 | 5,208.7 | 5,264.1 | 5,280.9 | 5,435.3 | 5,487.2 |
| Domestic income | 4,526.7 | 4,732.1 | 4,588.4 | 4,659.8 | 4,709.5 | 4,706.1 | 4,853.0 | 4,903.5 |
| Gross national income | 5,673.1 | 5,927.8 | 5,747.7 | 5,830.8 | 5,878.4 | 5,956.9 | 6,045.1 | 6,121.2 |

1. Consists largely of receipts by U.S. residents of interest and dividends and reinvested earnings of foreign affiliates of U.S. corporations.
 2. Consists largely of payments to foreign residents of interest and dividends and reinvested earnings of U.S. affiliates of foreign corporations.

Table 1.10.—Relation of Gross Domestic Product, Gross National Product, Net National Product, and National Income in Constant Dollars

[Billions of 1987 dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | |
|--|---------|---------|-------------------------------------|---------|---------|---------|---------|---------|
| | | | 1991 | | 1992 | | | 1993 |
| | | | IV | I | II | III | IV | I |
| Gross domestic product | 4,821.0 | 4,922.6 | 4,838.5 | 4,873.7 | 4,892.4 | 4,933.7 | 4,990.8 | 5,002.5 |
| Plus: Receipts of factor income from the rest of the world ¹ | 120.8 | 105.4 | 110.8 | 109.7 | 107.6 | 105.0 | 99.2 | 109.0 |
| Less: Payments of factor income to the rest of the world ² | 105.4 | 95.2 | 101.0 | 92.7 | 101.0 | 93.0 | 94.1 | 91.8 |
| Equals: Gross national product | 4,836.4 | 4,932.8 | 4,848.2 | 4,890.7 | 4,899.1 | 4,945.6 | 4,995.9 | 5,019.6 |
| Less: Consumption of fixed capital | 569.3 | 591.3 | 579.1 | 576.4 | 578.0 | 628.3 | 582.5 | 592.8 |
| Equals: Net national product | 4,267.2 | 4,341.5 | 4,269.1 | 4,314.3 | 4,321.1 | 4,317.3 | 4,413.3 | 4,426.9 |
| Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises | 391.6 | 401.0 | 391.3 | 396.3 | 399.5 | 402.5 | 405.6 | 406.1 |
| Statistical discrepancy | 18.7 | 28.5 | 13.9 | 24.4 | 25.9 | 29.2 | 34.5 | 38.5 |
| Equals: National income | 3,856.9 | 3,912.1 | 3,863.9 | 3,893.6 | 3,895.8 | 3,885.6 | 3,973.2 | 3,982.2 |
| Addenda: | | | | | | | | |
| Net domestic product | 4,251.7 | 4,331.3 | 4,259.4 | 4,297.3 | 4,314.4 | 4,305.4 | 4,408.2 | 4,409.7 |
| Domestic income | 3,841.5 | 3,901.9 | 3,854.2 | 3,876.6 | 3,889.1 | 3,873.6 | 3,968.1 | 3,965.0 |
| Gross national income | 4,817.8 | 4,904.3 | 4,834.3 | 4,866.3 | 4,873.2 | 4,916.4 | 4,961.3 | 4,981.1 |

1. Consists largely of receipts by U.S. residents of interest and dividends and reinvested earnings of foreign affiliates of U.S. corporations.
 2. Consists largely of payments to foreign residents of interest and dividends and reinvested earnings of U.S. affiliates of foreign corporations.

Table 1.11.—Command-Basis Gross National Product in Constant Dollars

[Billions of 1987 dollars]

| | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|
| Gross national product | 4,836.4 | 4,932.8 | 4,848.2 | 4,890.7 | 4,899.1 | 4,945.6 | 4,995.9 | 5,019.6 |
| Less: Exports of goods and services and receipts of factor income from the rest of the world | 660.2 | 678.6 | 672.2 | 675.0 | 671.0 | 680.9 | 687.5 | 693.5 |
| Plus: Command-basis exports of goods and services and receipts of factor income ¹ .. | 662.7 | 692.9 | 678.2 | 689.9 | 681.2 | 701.1 | 699.4 | 719.2 |
| Equals: Command-basis gross national product | 4,838.9 | 4,947.1 | 4,854.2 | 4,905.6 | 4,909.2 | 4,965.8 | 5,007.8 | 5,045.4 |
| Addendum: | | | | | | | | |
| Terms of trade ² | 100.4 | 102.1 | 100.9 | 102.2 | 101.5 | 103.0 | 101.7 | 103.7 |

1. Exports of goods and services and receipts of factor income deflated by the implicit price deflator for imports of goods and services and payments of factor income.
 2. Ratio of the implicit price deflator for exports of goods and services and receipts of factor income to the corresponding implicit price deflator for imports with the decimal point shifted two places to the right.
 NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 1.14.—National Income by Type of Income

(Billions of dollars)

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | |
|---|----------------|----------------|-------------------------------------|----------------|----------------|----------------|----------------|----------------|
| | | | 1991 | 1992 | | | | 1993 |
| | | | IV | I | II | III | IV | I |
| National income | 4,544.2 | 4,743.4 | 4,599.1 | 4,679.4 | 4,716.5 | 4,719.6 | 4,858.0 | 4,923.5 |
| Compensation of employees | 3,390.8 | 3,525.2 | 3,433.8 | 3,476.3 | 3,506.3 | 3,534.3 | 3,583.7 | 3,628.9 |
| Wages and salaries | 2,812.2 | 2,916.6 | 2,845.0 | 2,877.6 | 2,901.3 | 2,923.5 | 2,963.9 | 3,000.3 |
| Government | 543.5 | 562.5 | 546.4 | 554.6 | 561.4 | 564.3 | 569.6 | 578.1 |
| Other | 2,268.7 | 2,354.1 | 2,298.6 | 2,323.0 | 2,339.9 | 2,359.1 | 2,394.3 | 2,422.2 |
| Supplements to wages and salaries | 578.7 | 608.6 | 588.7 | 598.7 | 605.0 | 610.8 | 619.8 | 628.6 |
| Employer contributions for social insurance .. | 290.4 | 302.9 | 293.7 | 299.4 | 301.5 | 302.9 | 307.6 | 312.0 |
| Other labor income | 288.3 | 305.7 | 295.0 | 299.2 | 303.6 | 307.9 | 312.2 | 316.5 |
| Proprietors' income with IVA and CCAAdj | 368.0 | 404.5 | 377.9 | 393.6 | 398.4 | 397.4 | 428.4 | 442.0 |
| Farm | 35.8 | 39.5 | 37.9 | 40.1 | 38.5 | 31.5 | 48.1 | 52.9 |
| Proprietors' income with IVA | 43.4 | 47.1 | 45.4 | 47.5 | 45.8 | 39.7 | 55.3 | 60.0 |
| CCAAdj | -7.6 | -7.5 | -7.5 | -7.4 | -7.3 | -8.2 | -7.2 | -7.1 |
| Nonfarm | 332.2 | 364.9 | 340.0 | 353.6 | 359.9 | 365.9 | 380.4 | 389.1 |
| Proprietors' income | 318.7 | 349.3 | 325.6 | 339.1 | 344.8 | 350.2 | 363.2 | 372.6 |
| IVA | -3 | -7 | -1 | -8 | -1.0 | -5 | -3 | -1.4 |
| CCAAdj | 13.8 | 16.2 | 14.4 | 15.2 | 16.1 | 16.2 | 17.5 | 17.9 |
| Rental income of persons with CCAAdj | -10.4 | 4.7 | -6.6 | -4.5 | 3.3 | 6.4 | 13.6 | 17.5 |
| Rental income of persons .. | 47.5 | 68.5 | 54.7 | 51.7 | 60.0 | 90.3 | 72.2 | 81.4 |
| CCAAdj | -57.9 | -63.8 | -61.3 | -56.2 | -56.6 | -83.9 | -58.6 | -63.8 |
| Corporate profits with IVA and CCAAdj | 346.3 | 393.8 | 347.1 | 384.0 | 388.4 | 374.1 | 428.5 | 432.2 |
| Corporate profits with IVA .. | 337.8 | 364.2 | 333.1 | 360.7 | 361.4 | 344.4 | 390.4 | 391.4 |
| Profits before tax | 334.7 | 371.6 | 332.3 | 366.1 | 376.8 | 354.1 | 389.4 | 400.6 |
| Profits tax liability | 124.0 | 140.2 | 125.0 | 136.4 | 144.1 | 131.8 | 148.5 | 146.8 |
| Profits after tax | 210.7 | 231.4 | 207.4 | 229.7 | 232.7 | 222.2 | 241.0 | 253.8 |
| Dividends | 146.5 | 149.3 | 143.9 | 143.6 | 146.6 | 151.1 | 155.9 | 160.2 |
| Undistributed profits | 64.2 | 82.1 | 63.4 | 86.2 | 86.1 | 71.1 | 85.0 | 93.6 |
| IVA | 3.1 | -7.4 | .7 | -5.4 | -15.5 | -9.7 | 1.0 | -9.3 |
| CCAAdj | 8.4 | 29.5 | 14.1 | 23.3 | 27.0 | 29.7 | 38.1 | 40.8 |
| Net interest | 449.5 | 415.2 | 446.9 | 430.0 | 420.0 | 407.3 | 403.6 | 402.9 |
| Addenda: | | | | | | | | |
| Corporate profits after tax with IVA and CCAAdj | 222.3 | 253.6 | 222.2 | 247.6 | 244.3 | 242.3 | 280.1 | 285.4 |
| Net cash flow with IVA and CAAdj | 458.8 | 499.1 | 464.6 | 490.1 | 488.9 | 498.4 | 518.9 | 525.0 |
| Undistributed profits with IVA and CCAAdj .. | 75.8 | 104.3 | 78.3 | 104.0 | 97.7 | 91.2 | 124.1 | 125.2 |
| Consumption of fixed capital .. | 383.0 | 394.8 | 386.3 | 386.1 | 391.2 | 407.2 | 394.7 | 399.8 |
| Less: IVA | 3.1 | -7.4 | .7 | -5.4 | -15.5 | -9.7 | 1.0 | -9.3 |
| Equals: Net cash flow .. | 455.6 | 506.5 | 463.9 | 495.6 | 504.3 | 508.1 | 517.9 | 534.2 |

Table 1.16.—Gross Domestic Product of Corporate Business in Current Dollars and Gross Domestic Product of Nonfinancial Corporate Business in Current and Constant Dollars

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | |
|--|----------------|----------------|-------------------------------------|----------------|----------------|----------------|----------------|----------------|
| | | | 1991 | 1992 | | | | 1993 |
| | | | IV | I | II | III | IV | I |
| Gross domestic product of corporate business | 3,352.2 | 3,493.3 | 3,391.5 | 3,437.3 | 3,471.4 | 3,488.4 | 3,576.3 | 3,597.1 |
| Consumption of fixed capital .. | 383.0 | 394.8 | 386.3 | 386.1 | 391.2 | 407.2 | 394.7 | 399.8 |
| Net domestic product | 2,969.2 | 3,098.5 | 3,005.1 | 3,051.2 | 3,080.2 | 3,081.1 | 3,181.6 | 3,197.3 |
| Indirect business tax and nontax liability plus business transfer payments less subsidies .. | 342.2 | 362.6 | 351.5 | 355.7 | 357.5 | 364.0 | 373.1 | 374.1 |
| Domestic income | 2,627.0 | 2,735.9 | 2,653.7 | 2,695.5 | 2,722.7 | 2,717.2 | 2,808.4 | 2,823.2 |
| Compensation of employees | 2,219.5 | 2,290.2 | 2,245.7 | 2,261.4 | 2,277.8 | 2,294.4 | 2,327.1 | 2,353.5 |
| Wages and salaries .. | 1,855.8 | 1,913.5 | 1,874.9 | 1,890.6 | 1,903.1 | 1,916.5 | 1,943.9 | 1,965.8 |
| Supplements to wages and salaries | 363.7 | 376.6 | 370.9 | 370.8 | 374.7 | 377.9 | 383.2 | 387.7 |
| Corporate profits with IVA and CCAAdj | 279.8 | 329.8 | 284.2 | 315.3 | 327.4 | 309.0 | 367.4 | 356.3 |
| Profits before tax | 268.2 | 307.6 | 269.4 | 297.4 | 315.9 | 289.0 | 328.3 | 324.8 |
| Profits tax liability .. | 124.0 | 140.2 | 125.0 | 136.4 | 144.1 | 131.8 | 148.5 | 146.8 |
| Profits after tax | 144.2 | 167.4 | 144.5 | 161.0 | 171.7 | 157.1 | 179.8 | 178.0 |
| Dividends | 128.3 | 127.4 | 131.9 | 116.6 | 122.3 | 126.9 | 143.8 | 151.3 |
| Undistributed profits | 15.9 | 40.0 | 12.6 | 44.4 | 49.5 | 30.2 | 36.0 | 26.6 |
| IVA | 3.1 | -7.4 | .7 | -5.4 | -15.5 | -9.7 | 1.0 | -9.3 |
| CCAAdj | 8.4 | 29.5 | 14.1 | 23.3 | 27.0 | 29.7 | 38.1 | 40.8 |
| Net interest | 127.7 | 116.0 | 123.7 | 118.7 | 117.5 | 113.8 | 114.0 | 113.4 |
| Gross domestic product of financial corporate business .. | 278.4 | 291.6 | 280.4 | 299.2 | 292.5 | 276.8 | 298.0 | 306.0 |
| Gross domestic product of nonfinancial corporate business .. | 3,073.8 | 3,201.7 | 3,111.1 | 3,138.1 | 3,178.8 | 3,211.6 | 3,278.3 | 3,291.1 |
| Consumption of fixed capital .. | 341.2 | 351.0 | 343.5 | 342.7 | 347.6 | 363.3 | 350.5 | 354.8 |
| Net domestic product | 2,732.6 | 2,850.7 | 2,767.5 | 2,795.4 | 2,831.3 | 2,848.3 | 2,927.8 | 2,936.3 |
| Indirect business tax and nontax liability plus business transfer payments less subsidies .. | 310.8 | 328.8 | 318.7 | 322.6 | 324.1 | 330.1 | 338.4 | 339.2 |
| Domestic income | 2,421.8 | 2,521.9 | 2,448.8 | 2,472.8 | 2,507.1 | 2,518.2 | 2,589.5 | 2,597.1 |
| Compensation of employees | 2,048.6 | 2,106.1 | 2,071.8 | 2,081.0 | 2,096.4 | 2,109.5 | 2,137.4 | 2,160.0 |
| Wages and salaries .. | 1,711.3 | 1,757.9 | 1,727.9 | 1,738.0 | 1,749.7 | 1,760.2 | 1,783.7 | 1,802.3 |
| Supplements to wages and salaries | 337.3 | 348.2 | 343.9 | 343.0 | 346.6 | 349.3 | 353.8 | 357.7 |
| Corporate profits with IVA and CCAAdj | 229.9 | 283.0 | 235.3 | 255.7 | 276.2 | 278.5 | 321.5 | 307.2 |
| Profits before tax | 207.3 | 250.9 | 209.7 | 227.3 | 254.5 | 248.6 | 272.9 | 266.0 |
| Profits tax liability .. | 81.1 | 98.9 | 82.1 | 90.2 | 100.8 | 96.6 | 108.0 | 105.1 |
| Profits after tax | 126.2 | 152.0 | 127.6 | 137.1 | 153.7 | 152.0 | 165.0 | 160.9 |
| Dividends | 117.3 | 117.7 | 120.9 | 107.1 | 113.4 | 117.0 | 133.3 | 140.3 |
| Undistributed profits | 8.8 | 34.3 | 6.7 | 30.1 | 40.4 | 35.0 | 31.7 | 20.6 |
| IVA | 3.1 | -7.4 | .7 | -5.4 | -15.5 | -9.7 | 1.0 | -9.3 |
| CCAAdj | 19.4 | 39.5 | 24.8 | 33.8 | 37.1 | 39.5 | 47.6 | 50.4 |
| Net interest | 143.4 | 132.9 | 141.7 | 136.0 | 134.6 | 130.3 | 130.5 | 130.0 |
| Gross domestic product of nonfinancial corporate business .. | 2,698.0 | 2,780.9 | 2,722.0 | 2,737.6 | 2,760.8 | 2,787.6 | 2,837.6 | 2,830.0 |
| Consumption of fixed capital .. | 309.5 | 317.5 | 312.0 | 313.2 | 314.0 | 326.9 | 316.1 | 319.4 |
| Net domestic product | 2,388.5 | 2,463.4 | 2,410.0 | 2,424.3 | 2,446.9 | 2,460.7 | 2,521.5 | 2,510.7 |
| Indirect business tax and nontax liability plus business transfer payments less subsidies .. | 249.0 | 256.3 | 249.5 | 252.6 | 254.8 | 257.4 | 260.3 | 260.5 |
| Domestic income | 2,139.6 | 2,207.1 | 2,160.5 | 2,171.8 | 2,192.0 | 2,203.4 | 2,261.2 | 2,250.2 |

Table 2.1.—Personal Income and Its Disposition

[Billions of dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | 1993 |
|---|---------|---------|-------------------------------------|---------|---------|---------|---------|---------|
| | | | 1992 | | | | | |
| | | | IV | I | II | III | IV | |
| Personal income | 4,828.3 | 5,058.1 | 4,907.2 | 4,980.5 | 5,028.9 | 5,062.0 | 5,160.9 | 5,237.6 |
| Wage and salary disbursements | 2,812.2 | 2,918.1 | 2,845.0 | 2,877.6 | 2,901.3 | 2,923.5 | 2,969.9 | 3,006.3 |
| Commodity-producing industries | 737.4 | 743.2 | 741.5 | 736.8 | 743.1 | 742.4 | 750.6 | 754.4 |
| Manufacturing | 556.9 | 565.7 | 563.9 | 559.9 | 564.7 | 565.5 | 572.8 | 576.4 |
| Distributive industries | 647.4 | 666.8 | 652.9 | 660.9 | 662.9 | 667.7 | 675.8 | 685.6 |
| Service industries | 883.9 | 945.5 | 904.3 | 925.3 | 933.9 | 949.1 | 973.9 | 988.2 |
| Government | 543.6 | 562.5 | 546.4 | 554.6 | 561.4 | 564.3 | 569.6 | 578.1 |
| Other labor income | 288.3 | 305.7 | 295.0 | 299.2 | 303.6 | 307.9 | 312.2 | 316.5 |
| Proprietors' income with inventory valuation and capital consumption adjustments | 368.0 | 404.5 | 377.9 | 393.6 | 398.4 | 397.4 | 428.4 | 442.0 |
| Farm | 35.8 | 39.5 | 37.9 | 40.1 | 38.5 | 31.5 | 48.1 | 52.9 |
| Nonfarm | 332.2 | 364.9 | 340.0 | 353.6 | 359.9 | 365.9 | 380.4 | 389.1 |
| Rental income of persons with capital consumption adjustment | -10.4 | 4.7 | -6.6 | -4.5 | 3.3 | 6.4 | 13.6 | 17.5 |
| Personal dividend income | 137.0 | 139.3 | 134.3 | 133.9 | 136.6 | 141.0 | 145.8 | 149.9 |
| Personal interest income | 700.6 | 670.2 | 703.3 | 684.8 | 675.2 | 663.2 | 657.8 | 656.4 |
| Transfer payments to persons | 771.1 | 866.1 | 799.8 | 842.7 | 859.7 | 874.1 | 888.0 | 909.4 |
| Old-age, survivors, disability, and health insurance benefits | 382.0 | 414.1 | 390.6 | 405.7 | 412.1 | 417.1 | 421.6 | 434.2 |
| Government unemployment insurance benefits | 27.5 | 40.2 | 30.0 | 39.7 | 41.7 | 40.4 | 39.1 | 35.9 |
| Veterans benefits | 18.1 | 19.1 | 18.1 | 20.2 | 18.7 | 18.5 | 18.8 | 19.7 |
| Government employees retirement benefits | 101.3 | 107.0 | 102.0 | 106.4 | 106.4 | 106.6 | 108.6 | 112.0 |
| Other transfer payments | 242.1 | 285.7 | 259.1 | 270.7 | 280.8 | 291.5 | 299.9 | 307.6 |
| Aid to families with dependent children | 22.0 | 23.3 | 22.7 | 23.0 | 23.4 | 23.6 | 23.3 | 23.4 |
| Other | 220.2 | 262.4 | 236.4 | 247.7 | 257.4 | 267.9 | 276.6 | 284.2 |
| Less: Personal contributions for social insurance | 238.4 | 250.6 | 241.5 | 246.8 | 249.3 | 251.5 | 254.8 | 260.4 |
| Less: Personal tax and nontax payments | 618.7 | 627.3 | 622.3 | 619.6 | 617.1 | 628.8 | 643.6 | 656.3 |
| Equals: Disposable personal income | 4,209.6 | 4,430.8 | 4,284.9 | 4,360.9 | 4,411.8 | 4,433.2 | 4,517.3 | 4,581.4 |
| Less: Personal outlays | 4,009.9 | 4,218.1 | 4,065.5 | 4,146.3 | 4,179.5 | 4,229.9 | 4,316.9 | 4,362.3 |
| Personal consumption expenditures | 3,887.7 | 4,095.8 | 3,942.9 | 4,022.8 | 4,057.1 | 4,108.7 | 4,194.8 | 4,238.6 |
| Interest paid by persons | 112.5 | 112.1 | 112.8 | 113.3 | 112.0 | 111.2 | 111.7 | 113.1 |
| Personal transfer payments to rest of the world (net) | 9.7 | 10.3 | 9.7 | 10.2 | 10.4 | 10.0 | 10.4 | 10.7 |
| Equals: Personal saving | 199.6 | 212.6 | 219.4 | 214.6 | 232.3 | 203.3 | 200.4 | 219.0 |
| Addenda: | | | | | | | | |
| Disposable personal income: | | | | | | | | |
| Total, billions of 1987 dollars | 3,509.0 | 3,585.1 | 3,530.8 | 3,565.7 | 3,576.0 | 3,580.5 | 3,618.2 | 3,642.4 |
| Per capita: | | | | | | | | |
| Current dollars | 16,658 | 17,346 | 16,885 | 17,143 | 17,297 | 17,332 | 17,610 | 17,817 |
| 1987 dollars | 13,886 | 14,035 | 13,913 | 14,017 | 14,021 | 13,998 | 14,105 | 14,165 |
| Population (mid-period, millions) | 252.7 | 255.4 | 253.8 | 254.4 | 255.1 | 255.8 | 256.5 | 257.1 |
| Personal saving as percentage of disposable personal income | 4.7 | 4.8 | 5.1 | 4.9 | 5.3 | 4.6 | 4.4 | 4.8 |

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

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

[Billions of dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | 1993 |
|--|---------|---------|-------------------------------------|---------|---------|---------|---------|---------|
| | | | 1992 | | | | | |
| | | | IV | I | II | III | IV | |
| Personal consumption expenditures | 3,887.7 | 4,095.8 | 3,942.9 | 4,022.8 | 4,057.1 | 4,108.7 | 4,194.8 | 4,238.6 |
| Durable goods | 446.1 | 480.4 | 450.4 | 469.4 | 470.6 | 482.5 | 499.1 | 500.6 |
| Motor vehicles and parts | 185.4 | 203.7 | 190.9 | 198.9 | 200.7 | 201.7 | 213.6 | 212.8 |
| Furniture and household equipment | 170.4 | 180.9 | 168.9 | 176.3 | 176.3 | 182.4 | 188.4 | 188.8 |
| Other | 90.2 | 95.8 | 90.6 | 94.1 | 93.5 | 98.5 | 97.2 | 98.9 |
| Nondurable goods | 1,251.5 | 1,290.7 | 1,251.4 | 1,274.1 | 1,277.5 | 1,292.8 | 1,318.6 | 1,321.8 |
| Food | 617.7 | 630.9 | 620.0 | 627.9 | 623.2 | 627.3 | 645.2 | 645.1 |
| Clothing and shoes | 209.0 | 221.8 | 206.8 | 216.5 | 217.4 | 224.3 | 229.0 | 226.0 |
| Gasoline and oil | 105.5 | 105.4 | 103.5 | 102.8 | 105.4 | 107.7 | 105.8 | 106.4 |
| Fuel oil and coal | 11.7 | 12.8 | 11.3 | 11.6 | 13.8 | 13.0 | 12.7 | 13.7 |
| Other | 307.7 | 319.8 | 309.8 | 315.4 | 317.7 | 320.5 | 325.7 | 330.5 |
| Services | 2,190.1 | 2,324.7 | 2,241.1 | 2,279.3 | 2,309.0 | 2,333.3 | 2,377.1 | 2,416.3 |
| Housing | 574.0 | 600.5 | 583.0 | 590.9 | 597.4 | 603.3 | 610.3 | 618.7 |
| Household operation | 223.7 | 227.9 | 225.5 | 223.5 | 227.9 | 225.8 | 234.4 | 234.9 |
| Electricity and gas | 103.6 | 104.7 | 105.2 | 101.8 | 104.2 | 104.8 | 107.9 | 107.6 |
| Other household operation | 120.1 | 123.3 | 120.3 | 121.8 | 123.6 | 121.0 | 126.5 | 127.3 |
| Transportation | 147.3 | 154.5 | 149.8 | 152.6 | 152.5 | 153.1 | 159.9 | 164.8 |
| Medical care | 580.2 | 635.2 | 603.2 | 614.8 | 629.0 | 642.0 | 655.0 | 669.1 |
| Other | 664.9 | 706.6 | 679.6 | 697.5 | 702.2 | 709.1 | 717.5 | 728.8 |

Table 2.3.—Personal Consumption Expenditures by Major Type of Product in Constant Dollars

[Billions of 1987 dollars]

| | 1991 | 1992 | 1992 | 1992 | 1992 | 1992 | 1992 | 1992 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|
| Personal consumption expenditures | 3,240.8 | 3,314.0 | 3,249.0 | 3,289.3 | 3,288.5 | 3,318.4 | 3,359.9 | 3,369.9 |
| Durable goods | 414.7 | 439.1 | 416.1 | 432.3 | 430.0 | 439.8 | 454.4 | 455.1 |
| Motor vehicles and parts | 171.0 | 182.2 | 174.0 | 181.5 | 180.2 | 179.0 | 188.0 | 186.3 |
| Furniture and household equipment | 168.6 | 179.6 | 167.9 | 174.4 | 174.4 | 181.5 | 188.0 | 189.9 |
| Other | 75.0 | 77.4 | 74.2 | 76.5 | 75.4 | 79.3 | 78.3 | 78.8 |
| Nondurable goods | 1,042.4 | 1,054.1 | 1,035.6 | 1,049.6 | 1,045.6 | 1,052.0 | 1,069.4 | 1,063.0 |
| Food | 515.8 | 518.4 | 515.3 | 518.9 | 513.5 | 514.3 | 526.7 | 523.5 |
| Clothing and shoes | 181.3 | 188.3 | 177.5 | 184.1 | 184.4 | 190.8 | 193.7 | 188.6 |
| Gasoline and oil | 85.2 | 85.5 | 84.7 | 85.7 | 85.8 | 86.0 | 84.6 | 84.0 |
| Fuel oil and coal | 9.7 | 10.9 | 9.4 | 10.2 | 12.0 | 10.9 | 10.8 | 11.6 |
| Other | 250.5 | 251.0 | 248.6 | 250.7 | 249.8 | 250.1 | 253.6 | 253.3 |
| Services | 1,783.7 | 1,820.7 | 1,797.4 | 1,807.3 | 1,812.9 | 1,826.6 | 1,836.2 | 1,851.8 |
| Housing | 478.2 | 484.4 | 479.8 | 481.2 | 483.3 | 485.8 | 487.2 | 489.3 |
| Household operation | 204.7 | 204.5 | 204.6 | 201.6 | 204.2 | 205.6 | 206.7 | 207.8 |
| Electricity and gas | 95.2 | 94.3 | 95.6 | 92.9 | 94.5 | 94.0 | 95.7 | 95.8 |
| Other household operation | 109.6 | 110.3 | 109.0 | 108.7 | 109.7 | 111.6 | 111.0 | 111.9 |
| Transportation | 121.2 | 122.0 | 121.0 | 120.3 | 121.3 | 124.1 | 122.2 | 122.7 |
| Medical care | 438.8 | 455.8 | 447.2 | 449.6 | 453.7 | 458.1 | 461.7 | 466.5 |
| Other | 540.7 | 554.1 | 544.8 | 554.6 | 550.5 | 553.1 | 558.3 | 565.4 |

Table 3.2.—Federal Government Receipts and Expenditures

[Billions of dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | 1993 |
|---|----------------|----------------|-------------------------------------|----------------|----------------|----------------|----------------|----------------|
| | | | 1991 | 1992 | | | | |
| | | | IV | I | II | III | IV | |
| Receipts | 1,122.2 | 1,160.4 | 1,129.4 | 1,143.3 | 1,149.8 | 1,155.4 | 1,193.1 | 1,213.5 |
| Personal tax and nontax receipts | 473.4 | 474.1 | 472.2 | 468.4 | 464.2 | 475.5 | 488.2 | 499.3 |
| Income taxes | 461.4 | 461.7 | 460.5 | 456.4 | 452.3 | 462.9 | 475.3 | 486.4 |
| Estate and gift taxes | 11.0 | 11.2 | 10.7 | 10.9 | 10.8 | 11.5 | 11.7 | 11.6 |
| Nontaxes | 1.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.2 | 1.4 |
| Corporate profits tax accruals | 102.5 | 115.0 | 103.3 | 112.2 | 118.3 | 108.2 | 121.4 | 120.0 |
| Federal Reserve banks | 20.8 | 18.3 | 20.3 | 19.3 | 19.0 | 17.7 | 17.3 | 17.0 |
| Other | 81.7 | 96.7 | 83.0 | 92.9 | 99.3 | 90.5 | 104.1 | 103.0 |
| Indirect business tax and nontax accruals | 78.2 | 81.5 | 80.8 | 79.2 | 79.8 | 81.3 | 85.8 | 87.1 |
| Excise taxes | 45.6 | 46.4 | 45.7 | 46.0 | 46.1 | 46.6 | 47.1 | 49.2 |
| Customs duties | 17.2 | 18.6 | 18.9 | 17.1 | 17.9 | 18.7 | 20.6 | 21.6 |
| Nontaxes | 15.3 | 16.5 | 16.2 | 16.1 | 15.8 | 16.0 | 18.1 | 16.3 |
| Contributions for social insurance | 468.2 | 489.7 | 473.2 | 483.5 | 487.4 | 490.4 | 497.7 | 507.0 |
| Expenditures | 1,332.7 | 1,458.4 | 1,388.1 | 1,432.5 | 1,452.7 | 1,459.8 | 1,488.6 | 1,487.0 |
| Purchases | 447.3 | 449.1 | 440.8 | 445.0 | 444.8 | 455.2 | 451.6 | 441.2 |
| National defense | 323.8 | 315.8 | 314.7 | 313.6 | 311.7 | 319.6 | 318.2 | 304.3 |
| Nondefense | 123.6 | 133.4 | 126.1 | 131.4 | 133.1 | 135.7 | 133.4 | 136.9 |
| Transfer payments (net) | 521.9 | 623.3 | 565.9 | 609.8 | 619.5 | 622.6 | 641.4 | 645.4 |
| To persons | 550.2 | 608.0 | 564.7 | 597.8 | 605.9 | 610.6 | 617.6 | 630.8 |
| To rest of the world (net) | -28.3 | 15.3 | 1.3 | 12.0 | 13.6 | 12.0 | 23.9 | 14.6 |
| Grants-in-aid to State and local governments | 153.3 | 173.0 | 163.6 | 165.1 | 174.1 | 174.0 | 178.7 | 178.2 |
| Net interest paid | 186.9 | 186.7 | 190.1 | 186.8 | 187.5 | 187.8 | 184.8 | 181.8 |
| Interest paid | 220.9 | 219.9 | 223.2 | 220.3 | 221.9 | 221.1 | 216.4 | 214.1 |
| To persons and business | 181.9 | 181.1 | 185.0 | 182.0 | 183.1 | 182.0 | 177.1 | 174.9 |
| To rest of the world (net) | 39.0 | 38.9 | 38.2 | 38.2 | 38.9 | 39.1 | 39.2 | 39.2 |
| Less: Interest received by government | 34.0 | 33.2 | 33.2 | 33.4 | 34.5 | 33.3 | 31.6 | 32.3 |
| Subsidies less current surplus of government enterprises .. | 23.1 | 26.2 | 27.7 | 25.7 | 26.9 | 20.2 | 32.2 | 40.4 |
| Subsidies | 29.1 | 30.6 | 33.4 | 30.9 | 31.6 | 24.7 | 35.3 | 43.4 |
| Less: Current surplus of government enterprises .. | 6.0 | 4.4 | 5.7 | 5.2 | 4.7 | 4.5 | 3.2 | 3.0 |
| Less: Wage accruals less disbursements | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surplus or deficit (-), national income and product accounts | -210.4 | -298.0 | -258.7 | -289.2 | -302.9 | -304.4 | -295.5 | -273.5 |
| Social insurance funds | 50.1 | 30.4 | 46.2 | 28.5 | 28.4 | 30.1 | 34.5 | 32.6 |
| Other | -260.6 | -328.4 | -304.8 | -317.6 | -331.3 | -334.5 | -330.0 | -306.1 |

Table 3.3.—State and Local Government Receipts and Expenditures

[Billions of dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | 1993 |
|---|--------------|--------------|-------------------------------------|--------------|--------------|--------------|--------------|--------------|
| | | | 1991 | 1992 | | | | |
| | | | IV | I | II | III | IV | |
| Receipts | 777.9 | 837.7 | 804.6 | 817.8 | 834.0 | 840.0 | 859.2 | 863.6 |
| Personal tax and nontax receipts | 145.4 | 153.2 | 150.1 | 151.1 | 152.9 | 153.3 | 155.5 | 156.9 |
| Income taxes | 110.3 | 115.8 | 114.2 | 114.6 | 115.8 | 115.7 | 117.3 | 118.1 |
| Nontaxes | 16.7 | 17.9 | 17.1 | 17.4 | 17.7 | 18.0 | 18.3 | 18.6 |
| Other | 18.4 | 19.5 | 18.8 | 19.1 | 19.4 | 19.6 | 19.9 | 20.2 |
| Corporate profits tax accruals | 21.5 | 25.2 | 21.7 | 24.2 | 25.8 | 23.6 | 27.0 | 26.8 |
| Indirect business tax and nontax accruals | 397.0 | 422.7 | 407.1 | 414.6 | 417.8 | 425.1 | 433.2 | 436.3 |
| Sales taxes | 189.0 | 200.8 | 192.9 | 197.3 | 198.5 | 201.6 | 205.8 | 206.9 |
| Property taxes | 167.7 | 180.5 | 172.4 | 175.6 | 178.9 | 182.3 | 185.1 | 188.0 |
| Other | 40.4 | 41.4 | 41.8 | 41.7 | 40.4 | 41.2 | 42.3 | 41.4 |
| Contributions for social insurance | 60.6 | 63.7 | 62.0 | 62.7 | 63.4 | 64.0 | 64.8 | 65.4 |
| Federal grants-in-aid | 153.3 | 173.0 | 163.6 | 165.1 | 174.1 | 174.0 | 178.7 | 178.2 |
| Expenditures | 760.7 | 822.3 | 782.5 | 801.2 | 816.3 | 830.8 | 840.8 | 852.6 |
| Purchases | 643.2 | 665.8 | 649.5 | 658.0 | 664.3 | 669.0 | 671.7 | 674.9 |
| Compensation of employees | 435.6 | 454.9 | 441.6 | 446.2 | 453.5 | 457.2 | 462.8 | 467.6 |
| Other | 207.6 | 210.8 | 207.9 | 211.8 | 210.8 | 211.8 | 208.9 | 207.3 |
| Transfer payments to persons | 198.0 | 233.6 | 211.8 | 220.8 | 229.4 | 238.7 | 245.5 | 253.4 |
| Net interest paid | -48.4 | -43.8 | -46.6 | -45.4 | -44.3 | -43.3 | -42.3 | -41.3 |
| Interest paid | 63.7 | 66.5 | 64.8 | 65.4 | 66.1 | 66.8 | 67.5 | 68.1 |
| Less: Interest received by government | 112.1 | 110.3 | 111.3 | 110.8 | 110.4 | 110.1 | 109.7 | 109.5 |
| Less: Dividends received by government | 9.5 | 10.0 | 9.6 | 9.7 | 10.0 | 10.1 | 10.2 | 10.4 |
| Subsidies less current surplus of government enterprises .. | -22.6 | -23.3 | -22.6 | -22.5 | -23.2 | -23.6 | -23.9 | -24.1 |
| Subsidies | .4 | .4 | .4 | .4 | .4 | .4 | .4 | .4 |
| Less: Current surplus of government enterprises .. | 23.0 | 23.7 | 23.0 | 22.9 | 23.6 | 24.0 | 24.3 | 24.5 |
| Less: Wage accruals less disbursements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surplus or deficit (-), national income and product accounts | 17.1 | 15.5 | 22.0 | 16.6 | 17.7 | 9.2 | 18.3 | 11.0 |
| Social insurance funds | 60.3 | 57.5 | 59.4 | 58.4 | 58.0 | 57.2 | 56.5 | 55.6 |
| Other | -43.1 | -42.1 | -37.3 | -41.8 | -40.3 | -48.0 | -38.1 | -44.6 |

Table 3.7B.—Government Purchases by Type

[Billions of dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | |
|---|----------------|----------------|-------------------------------------|----------------|----------------|----------------|----------------|----------------|
| | | | 1991 | | 1992 | | | 1993 |
| | | | IV | I | II | III | IV | I |
| Government purchases | 1,090.5 | 1,114.9 | 1,090.3 | 1,103.1 | 1,109.1 | 1,124.2 | 1,123.3 | 1,116.1 |
| Federal | 447.3 | 449.1 | 440.8 | 445.0 | 444.8 | 455.2 | 451.6 | 441.2 |
| National defense | 323.8 | 315.8 | 314.7 | 313.6 | 311.7 | 319.6 | 318.2 | 304.3 |
| Durable goods | 84.1 | 79.0 | 80.2 | 79.5 | 76.7 | 80.1 | 79.8 | 74.4 |
| Nondurable goods | 12.2 | 11.2 | 12.5 | 10.3 | 12.1 | 11.7 | 10.5 | 8.9 |
| Services | 222.5 | 219.9 | 217.1 | 218.7 | 216.8 | 222.0 | 222.2 | 215.8 |
| Compensation of employees | 132.6 | 135.4 | 130.9 | 135.2 | 135.2 | 135.2 | 135.8 | 139.9 |
| Military | 88.6 | 88.5 | 86.5 | 88.9 | 88.4 | 88.2 | 88.4 | 90.8 |
| Civilian | 44.0 | 46.9 | 44.4 | 46.3 | 46.8 | 47.0 | 47.4 | 49.1 |
| Other services | 90.0 | 84.6 | 86.2 | 83.4 | 81.6 | 86.8 | 86.4 | 75.9 |
| Structures | 4.9 | 5.7 | 4.9 | 5.2 | 6.0 | 5.7 | 5.7 | 5.2 |
| Nondefense | 123.6 | 133.4 | 126.1 | 131.4 | 133.1 | 135.7 | 133.4 | 136.9 |
| Durable goods | 6.8 | 7.6 | 7.0 | 7.2 | 7.4 | 8.0 | 7.9 | 8.1 |
| Nondurable goods | 7.0 | 8.3 | 5.3 | 7.1 | 8.0 | 9.2 | 9.0 | 9.2 |
| Commodity Credit Corporation inventory change | 4 | 5 | -2.0 | -7 | -2 | 1.5 | 1.6 | 1.8 |
| Other nondurables | 6.6 | 7.8 | 7.4 | 7.9 | 8.2 | 7.7 | 7.4 | 7.4 |
| Services | 100.4 | 106.4 | 102.9 | 106.2 | 107.2 | 106.6 | 105.8 | 110.1 |
| Compensation of employees | 59.4 | 63.7 | 60.2 | 62.9 | 63.5 | 63.8 | 64.4 | 66.7 |
| Other services | 41.0 | 42.8 | 42.7 | 43.2 | 43.7 | 42.8 | 41.4 | 43.4 |
| Structures | 9.4 | 11.0 | 10.8 | 10.9 | 10.4 | 11.9 | 10.8 | 9.5 |
| State and local | 643.2 | 665.8 | 649.5 | 658.0 | 664.3 | 669.0 | 671.7 | 674.9 |
| Durable goods | 36.4 | 37.0 | 36.7 | 36.8 | 37.0 | 37.2 | 37.2 | 37.4 |
| Nondurable goods | 58.0 | 58.5 | 57.8 | 57.3 | 58.7 | 59.2 | 58.6 | 59.0 |
| Services | 462.1 | 477.2 | 466.6 | 470.4 | 475.7 | 478.9 | 483.7 | 487.2 |
| Compensation of employees | 435.6 | 454.9 | 441.6 | 446.2 | 453.5 | 457.2 | 462.8 | 467.6 |
| Other services | 26.6 | 22.2 | 25.0 | 24.2 | 22.2 | 21.7 | 20.9 | 19.6 |
| Structures | 86.7 | 93.1 | 88.4 | 93.5 | 92.9 | 93.7 | 92.2 | 91.3 |

Table 3.10.—National Defense Purchases

[Billions of dollars]

| | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 |
|--------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| National defense purchases | 323.8 | 315.8 | 314.7 | 313.6 | 311.7 | 319.6 | 318.2 | 304.3 |
| Durable goods | 84.1 | 79.0 | 80.2 | 79.5 | 76.7 | 80.1 | 79.8 | 74.4 |
| Military equipment | 78.1 | 73.2 | 74.0 | 73.5 | 71.3 | 74.0 | 74.0 | 69.9 |
| Aircraft | 27.0 | 22.7 | 25.7 | 23.1 | 22.7 | 22.4 | 22.4 | 20.3 |
| Missiles | 16.4 | 16.2 | 16.3 | 15.8 | 15.7 | 16.7 | 16.6 | 15.5 |
| Ships | 12.1 | 11.4 | 12.0 | 11.2 | 11.3 | 11.4 | 11.6 | 11.5 |
| Vehicles | 4.7 | 4.5 | 3.8 | 4.3 | 4.1 | 5.0 | 4.7 | 4.1 |
| Electronic equipment | 6.7 | 6.5 | 6.2 | 6.5 | 6.2 | 6.9 | 6.6 | 6.4 |
| Other | 11.2 | 11.9 | 10.1 | 12.5 | 11.3 | 11.7 | 12.1 | 12.1 |
| Other durable goods | 6.0 | 5.8 | 6.2 | 6.0 | 5.4 | 6.1 | 5.8 | 4.6 |
| Nondurable goods | 12.2 | 11.2 | 12.5 | 10.3 | 12.1 | 11.7 | 10.5 | 8.9 |
| Petroleum products | 5.0 | 3.7 | 5.1 | 4.1 | 3.8 | 4.0 | 3.0 | 3.0 |
| Ammunition | 3.6 | 4.0 | 3.9 | 2.6 | 5.1 | 4.2 | 4.2 | 3.2 |
| Other nondurable goods | 3.5 | 3.4 | 3.5 | 3.6 | 3.2 | 3.5 | 3.3 | 2.6 |
| Services | 222.5 | 219.9 | 217.1 | 218.7 | 216.8 | 222.0 | 222.2 | 215.8 |
| Compensation of employees | 132.6 | 135.4 | 130.9 | 135.2 | 135.2 | 135.2 | 135.8 | 139.9 |
| Military | 88.6 | 88.5 | 86.5 | 88.9 | 88.4 | 88.2 | 88.4 | 90.8 |
| Civilian | 44.0 | 46.9 | 44.4 | 46.3 | 46.8 | 47.0 | 47.4 | 49.1 |
| Other services | 90.0 | 84.6 | 86.2 | 83.4 | 81.6 | 86.8 | 86.4 | 75.9 |
| Contractual research and development | 25.6 | 23.2 | 24.1 | 22.0 | 22.8 | 23.8 | 24.4 | 21.5 |
| Installation support ¹ | 23.1 | 23.9 | 22.8 | 24.2 | 23.0 | 24.9 | 23.4 | 21.4 |
| Weapons support ² | 11.2 | 12.1 | 12.1 | 11.5 | 12.0 | 12.5 | 12.3 | 10.4 |
| Personnel support ³ | 13.0 | 11.9 | 11.6 | 11.6 | 11.6 | 12.2 | 12.3 | 10.8 |
| Transportation of material | 9.3 | 6.0 | 6.8 | 6.2 | 5.4 | 6.0 | 6.2 | 5.4 |
| Travel of persons | 8.5 | 8.0 | 9.3 | 8.3 | 7.3 | 8.1 | 8.3 | 7.1 |
| Other | -8 | -5 | -5 | -4 | -4 | -8 | -5 | -7 |
| Structures | 4.9 | 5.7 | 4.9 | 5.2 | 6.0 | 5.7 | 5.7 | 5.2 |
| Military facilities | 2.5 | 3.4 | 2.6 | 3.1 | 3.7 | 3.4 | 3.6 | 2.9 |
| Other | 2.4 | 2.2 | 2.3 | 2.1 | 2.3 | 2.3 | 2.1 | 2.2 |

1. Includes utilities, communications, rental payments, maintenance and repair, and payments to contractors to operate installations.
 2. Includes depot maintenance and contractual services for weapons systems, other than research and development.
 3. Includes compensation of foreign personnel, consulting, training, and education.

Table 3.8B.—Government Purchases by Type in Constant Dollars

[Billions of 1987 dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | |
|---|--------------|--------------|-------------------------------------|--------------|--------------|--------------|--------------|--------------|
| | | | 1991 | | 1992 | | | 1993 |
| | | | IV | I | II | III | IV | I |
| Government purchases | 941.0 | 937.8 | 933.1 | 937.0 | 934.2 | 943.0 | 936.8 | 919.3 |
| Federal | 388.3 | 375.6 | 378.2 | 375.3 | 372.7 | 379.5 | 375.0 | 357.1 |
| National defense | 282.8 | 265.0 | 271.0 | 265.6 | 262.1 | 267.4 | 265.0 | 245.9 |
| Durable goods | 78.6 | 73.7 | 74.7 | 74.1 | 71.5 | 74.8 | 74.6 | 68.0 |
| Nondurable goods | 10.4 | 10.2 | 10.8 | 9.7 | 11.0 | 10.3 | 9.7 | 7.9 |
| Services | 189.6 | 176.3 | 181.1 | 177.2 | 174.5 | 177.5 | 176.0 | 165.7 |
| Compensation of employees | 108.6 | 102.3 | 104.6 | 103.5 | 102.5 | 101.8 | 101.3 | 100.2 |
| Military | 72.9 | 66.4 | 69.0 | 67.8 | 66.6 | 65.9 | 65.4 | 64.4 |
| Civilian | 35.7 | 35.9 | 35.6 | 35.7 | 35.9 | 35.9 | 35.9 | 35.8 |
| Other services | 81.0 | 74.0 | 76.6 | 73.7 | 72.0 | 75.7 | 74.7 | 65.5 |
| Structures | 4.2 | 4.8 | 4.3 | 4.5 | 5.1 | 4.8 | 4.8 | 4.3 |
| Nondefense | 105.5 | 110.6 | 107.2 | 109.7 | 110.6 | 112.1 | 109.9 | 111.3 |
| Durable goods | 6.8 | 8.1 | 7.2 | 7.5 | 7.8 | 8.4 | 8.6 | 9.0 |
| Nondurable goods | 6.5 | 7.5 | 5.4 | 6.9 | 7.4 | 7.8 | 7.9 | 8.3 |
| Commodity Credit Corporation inventory change | -.7 | 5 | -1.2 | -.1 | .9 | 1.2 | 1.7 | |
| Other nondurables | 5.9 | 7.0 | 6.6 | 7.0 | 7.3 | 6.9 | 6.7 | |
| Services | 83.9 | 85.3 | 85.1 | 85.6 | 86.3 | 85.5 | 84.1 | |
| Compensation of employees | 48.6 | 49.2 | 48.8 | 49.0 | 49.3 | 49.3 | 49.3 | |
| Other services | 35.4 | 36.1 | 36.3 | 36.5 | 36.9 | 36.2 | 34.8 | |
| Structures | 8.2 | 9.7 | 9.5 | 9.7 | 9.2 | 10.4 | 9.4 | |
| State and local | 552.7 | 562.2 | 554.9 | 561.8 | 561.5 | 563.5 | 561.9 | 562.2 |
| Durable goods | 32.7 | 32.8 | 32.8 | 32.7 | 32.7 | 32.8 | 32.8 | 32.7 |
| Nondurable goods | 50.3 | 50.6 | 50.5 | 50.5 | 50.6 | 50.7 | 50.8 | 50.7 |
| Services | 391.3 | 393.7 | 391.1 | 391.6 | 392.9 | 394.6 | 395.7 | 396.8 |
| Compensation of employees | 357.5 | 360.2 | 357.3 | 357.7 | 359.5 | 361.2 | 362.4 | 363.4 |
| Other services | 33.8 | 33.5 | 33.8 | 33.9 | 33.4 | 33.4 | 33.3 | 33.4 |
| Structures | 78.3 | 85.0 | 80.6 | 86.9 | 85.2 | 85.4 | 82.6 | 82.0 |

Table 3.11.—National Defense Purchases in Constant Dollars

[Billions of 1987 dollars]

| | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 |
|--------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| National defense purchases | 282.8 | 265.0 | 271.0 | 265.6 | 262.1 | 267.4 | 265.0 | 245.9 |
| Durable goods | 78.6 | 73.7 | 74.7 | 74.1 | 71.5 | 74.8 | 74.6 | 68.0 |
| Military equipment | 72.6 | 67.5 | 68.3 | 67.9 | 65.7 | 68.2 | 68.1 | 62.7 |
| Aircraft | 24.9 | 20.2 | 23.1 | 20.9 | 20.7 | 20.0 | 19.3 | 17.1 |
| Missiles | 16.8 | 17.3 | 17.1 | 16.6 | 16.4 | 17.7 | 18.5 | 16.3 |
| Ships | 10.3 | 9.6 | 10.1 | 9.6 | 9.6 | 9.6 | 9.8 | 9.7 |
| Vehicles | 4.3 | 4.0 | 3.3 | 3.8 | 3.7 | 4.5 | 4.1 | 3.5 |
| Electronic equipment | 6.3 | 6.0 | 5.8 | 6.0 | 5.7 | 6.3 | 6.1 | 5.8 |
| Other | 9.9 | 10.3 | 8.9 | 10.9 | 9.7 | 10.1 | 10.3 | 10.3 |
| Other durable goods | 6.0 | 6.3 | 6.4 | 6.3 | 5.8 | 6.6 | 6.4 | 5.3 |
| Nondurable goods | 10.4 | 10.2 | 10.8 | 9.7 | 11.0 | 10.3 | 9.7 | 7.9 |
| Petroleum products | 3.7 | 3.1 | 3.8 | 3.7 | 3.2 | 3.1 | 2.4 | 2.7 |
| Ammunition | 3.7 | 4.1 | 4.0 | 2.9 | 5.0 | 4.1 | 4.3 | 3.0 |
| Other nondurable goods | 3.0 | 3.0 | 3.0 | 3.1 | 2.8 | 3.1 | 2.9 | 2.2 |
| Services | 189.6 | 176.3 | 181.1 | 177.2 | 174.5 | 177.5 | 176.0 | 165.7 |
| Compensation of employees | 108.6 | 102.3 | 104.6 | 103.5 | 102.5 | 101.8 | 101.3 | 100.2 |
| Military | 72.9 | 66.4 | 69.0 | 67.8 | 66.6 | 65.9 | 65.4 | 64.4 |
| Civilian | 35.7 | 35.9 | 35.6 | 35.7 | 35.9 | 35.9 | 35.9 | 35.8 |
| Other services | 81.0 | 74.0 | 76.6 | 73.7 | 72.0 | 75.7 | 74.7 | 65.5 |
| Contractual research and development | 23.4 | 20.7 | 21.7 | 19.9 | 20.3 | 21.1 | 21.4 | 18.8 |
| Installation support ¹ | 20.3 | 20.9 | 19.9 | 21.3 | 20.2 | 21.6 | 20.3 | 18.7 |
| Weapons support ² | 9.8 | 10.2 | 10.4 | 9.8 | 10.2 | 10.5 | 10.2 | 8.6 |
| Personnel support ³ | 10.3 | 9.0 | 8.9 | 8.8 | 8.9 | 9.1 | 9.1 | 8.1 |
| Transportation of material | 10.3 | 6.7 | 7.7 | 6.9 | 6.1 | 6.8 | 6.9 | 5.9 |
| Travel of persons | 7.5 | 7.1 | 8.4 | 7.4 | 6.7 | 7.3 | 7.2 | 6.0 |
| Other | -6 | -4 | -4 | -3 | -3 | -6 | -4 | -6 |
| Structures | 4.2 | 4.8 | 4.3 | 4.5 | | | | |

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

[Billions of dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | |
|--|--------------|--------------|-------------------------------------|--------------|--------------|--------------|--------------|--------------|
| | | | 1991 | 1992 | | | | 1993 |
| | | | | IV | I | II | III | |
| Receipts from rest of the world | 741.7 | 765.1 | 756.0 | 761.0 | 756.7 | 767.9 | 775.0 | 785.3 |
| Exports of goods and services | 598.2 | 636.3 | 622.9 | 628.1 | 625.4 | 639.0 | 652.7 | 649.7 |
| Merchandise ¹ | 423.1 | 444.8 | 437.7 | 437.3 | 435.2 | 446.7 | 460.0 | 451.6 |
| Durable | 282.0 | 298.7 | 293.3 | 293.2 | 292.8 | 298.3 | 310.6 | 306.6 |
| Nondurable | 141.0 | 146.1 | 144.3 | 144.1 | 142.4 | 148.3 | 149.4 | 145.0 |
| Services ¹ | 175.1 | 191.5 | 185.3 | 190.8 | 190.2 | 192.4 | 192.7 | 198.1 |
| Receipts of factor income ² | 143.5 | 128.8 | 133.1 | 132.9 | 131.3 | 128.8 | 122.3 | 135.6 |
| Capital grants received by the United States (net) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Payments to rest of the world | 741.7 | 765.1 | 756.0 | 761.0 | 756.7 | 767.9 | 775.0 | 785.3 |
| Imports of goods and services | 620.0 | 666.7 | 638.9 | 636.2 | 662.5 | 675.0 | 693.2 | 700.5 |
| Merchandise ¹ | 499.9 | 544.1 | 516.2 | 513.1 | 537.0 | 559.7 | 566.8 | 571.6 |
| Durable | 315.3 | 345.8 | 327.5 | 330.2 | 339.1 | 352.9 | 361.0 | 369.8 |
| Nondurable | 184.6 | 198.3 | 188.7 | 182.9 | 197.9 | 206.7 | 205.8 | 201.8 |
| Services ¹ | 120.1 | 122.6 | 122.7 | 123.1 | 125.5 | 115.3 | 126.4 | 128.9 |
| Payments of factor income ³ | 126.0 | 117.6 | 122.3 | 113.3 | 124.3 | 115.3 | 117.3 | 115.6 |
| Transfer payments (net) | -13.3 | 30.8 | 16.2 | 27.4 | 29.3 | 27.1 | 39.2 | 30.0 |
| From persons (net) | 9.7 | 10.3 | 9.7 | 10.2 | 10.4 | 10.0 | 10.4 | 10.7 |
| From government (net) | -28.3 | 15.3 | 1.3 | 12.0 | 13.6 | 12.0 | 23.9 | 14.6 |
| From business | 5.3 | 5.2 | 5.3 | 5.3 | 5.3 | 5.1 | 5.0 | 4.7 |
| Net foreign investment | 9.0 | -49.9 | -21.5 | -16.0 | -59.4 | -49.6 | -74.7 | -60.8 |

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services.

2. Consists largely of receipts by U.S. residents of interest and dividends and reinvested earnings of foreign affiliates of U.S. corporations.

3. Consists largely of payments to foreign residents of interest and dividends and reinvested earnings of U.S. affiliates of foreign corporations.

Table 4.3.—Exports and Imports of Merchandise by End-Use Category

[Billions of dollars]

| | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Exports of merchandise | 423.1 | 444.8 | 437.7 | 437.3 | 435.2 | 446.7 | 460.0 |
| Foods, feeds, and beverages | 35.7 | 40.6 | 38.6 | 40.2 | 37.8 | 42.3 | 42.2 |
| Industrial supplies and materials | 106.4 | 105.3 | 104.9 | 104.2 | 104.8 | 106.6 | 105.5 |
| Durable goods | 37.2 | 36.8 | 36.4 | 36.1 | 35.7 | 38.0 | 37.4 |
| Nondurable goods | 69.2 | 68.4 | 68.5 | 68.1 | 69.1 | 68.6 | 68.0 |
| Capital goods, except automotive | 167.0 | 176.8 | 176.3 | 176.4 | 173.9 | 173.7 | 183.3 |
| Civilian aircraft, engines, and parts | 36.4 | 37.9 | 40.8 | 42.6 | 37.7 | 33.3 | 37.8 |
| Computers, peripherals, and parts | 27.3 | 28.7 | 27.9 | 27.4 | 28.6 | 28.9 | 30.1 |
| Other | 103.3 | 110.2 | 107.6 | 106.4 | 107.6 | 111.5 | 115.4 |
| Automotive vehicles, engines, and parts | 40.0 | 47.2 | 41.7 | 42.9 | 46.2 | 49.0 | 50.7 |
| Consumer goods, except automotive | 45.9 | 50.4 | 48.2 | 47.9 | 48.5 | 51.3 | 53.8 |
| Durable goods | 23.8 | 25.6 | 24.9 | 24.9 | 25.0 | 25.7 | 26.9 |
| Nondurable goods | 22.2 | 24.8 | 23.2 | 23.0 | 23.6 | 25.6 | 26.9 |
| Other | 27.9 | 24.5 | 28.1 | 25.6 | 24.0 | 23.7 | 24.5 |
| Durable goods | 13.9 | 12.2 | 14.0 | 12.8 | 12.0 | 11.9 | 12.3 |
| Nondurable goods | 13.9 | 12.2 | 14.0 | 12.8 | 12.0 | 11.9 | 12.3 |
| Imports of merchandise | 499.9 | 544.1 | 516.2 | 513.1 | 537.0 | 559.7 | 566.8 |
| Foods, feeds, and beverages | 26.5 | 28.0 | 26.4 | 26.8 | 29.1 | 28.3 | 27.7 |
| Industrial supplies and materials, except petroleum and products | 75.6 | 82.3 | 78.0 | 80.9 | 81.4 | 82.4 | 84.5 |
| Durable goods | 36.3 | 39.7 | 37.0 | 39.6 | 38.9 | 39.4 | 40.8 |
| Nondurable goods | 39.2 | 42.6 | 41.0 | 41.3 | 42.5 | 42.9 | 43.6 |
| Petroleum and products | 51.2 | 51.0 | 48.8 | 41.5 | 51.7 | 56.6 | 54.3 |
| Capital goods, except automotive | 120.7 | 134.0 | 122.1 | 125.1 | 131.4 | 138.0 | 141.4 |
| Civilian aircraft, engines, and parts | 11.7 | 12.7 | 11.5 | 12.1 | 13.5 | 12.3 | 13.1 |
| Computers, peripherals, and parts | 26.1 | 31.6 | 26.8 | 27.7 | 30.7 | 33.8 | 34.2 |
| Other | 82.9 | 89.6 | 83.8 | 85.4 | 87.2 | 91.9 | 94.1 |
| Automotive vehicles, engines, and parts | 84.9 | 90.8 | 88.6 | 87.8 | 89.5 | 91.2 | 94.6 |
| Consumer goods, except automotive | 108.0 | 122.8 | 118.7 | 116.2 | 119.2 | 126.6 | 127.1 |
| Durable goods | 56.8 | 63.7 | 63.0 | 60.2 | 62.0 | 67.0 | 65.6 |
| Nondurable goods | 51.2 | 59.1 | 55.7 | 56.0 | 57.3 | 61.6 | 61.5 |
| Other | 33.0 | 35.4 | 33.6 | 34.9 | 34.7 | 34.8 | 37.3 |
| Durable goods | 16.5 | 17.7 | 16.8 | 17.4 | 17.4 | 17.4 | 18.6 |
| Nondurable goods | 16.5 | 17.7 | 16.8 | 17.4 | 17.4 | 17.4 | 18.6 |
| Addenda: | | | | | | | |
| Exports of agricultural products ¹ | 40.1 | 44.4 | 43.2 | 43.3 | 41.9 | 46.3 | 46.1 |
| Exports of nonagricultural products | 382.9 | 400.4 | 394.5 | 394.0 | 393.3 | 400.3 | 413.8 |
| Imports of nonpetroleum products | 448.7 | 493.1 | 467.4 | 471.6 | 485.3 | 503.1 | 512.5 |

1. Includes parts of line 2, 5, and line 13.

Table 4.2.—Exports and Imports of Goods and Services and Receipts and Payments of Factor Income in Constant Dollars

[Billions of 1987 dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | |
|--|--------------|--------------|-------------------------------------|--------------|--------------|--------------|--------------|--------------|
| | | | 1991 | 1992 | | | | 1993 |
| | | | | IV | I | II | III | |
| Exports of goods and services | 539.4 | 573.2 | 561.4 | 565.4 | 563.4 | 575.9 | 588.3 | 584.5 |
| Merchandise ¹ | 392.5 | 417.6 | 407.3 | 408.1 | 408.0 | 420.4 | 434.1 | 427.1 |
| Durable | 266.4 | 284.7 | 277.0 | 276.1 | 278.4 | 285.8 | 298.5 | 295.0 |
| Nondurable | 126.1 | 132.9 | 130.3 | 131.9 | 129.6 | 134.6 | 135.6 | 132.2 |
| Services ¹ | 146.9 | 155.6 | 154.0 | 157.3 | 155.4 | 155.5 | 154.2 | 157.3 |
| Receipts of factor income² | 120.8 | 105.4 | 110.8 | 109.7 | 107.6 | 105.0 | 99.2 | 109.0 |
| Imports of goods and services | 561.2 | 615.0 | 581.8 | 586.8 | 607.3 | 628.6 | 637.3 | 655.6 |
| Merchandise ¹ | 463.5 | 514.3 | 482.2 | 488.0 | 507.8 | 526.4 | 535.1 | 550.5 |
| Durable | 296.7 | 334.2 | 311.0 | 316.3 | 327.0 | 342.1 | 351.5 | 363.5 |
| Nondurable | 166.8 | 180.1 | 171.3 | 171.8 | 180.8 | 184.3 | 183.6 | 187.0 |
| Services ¹ | 97.7 | 100.7 | 99.6 | 98.8 | 99.5 | 102.2 | 102.2 | 105.1 |
| Payments of factor income³ | 105.4 | 95.2 | 101.0 | 92.7 | 101.0 | 93.0 | 94.1 | 91.8 |

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services.

2. Consists largely of receipts by U.S. residents of interest and dividends and reinvested earnings of foreign affiliates of U.S. corporations.

3. Consists largely of payments to foreign residents of interest and dividends and reinvested earnings of U.S. affiliates of foreign corporations.

Table 4.4.—Exports and Imports of Merchandise by End-Use Category in Constant Dollars

[Billions of 1987 dollars]

| | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Exports of merchandise | 392.5 | 417.6 | 407.3 | 408.1 | 408.0 | 420.4 | 434.1 |
| Foods, feeds, and beverages | 31.3 | 36.0 | 33.4 | 35.1 | 33.0 | 38.1 | 37.9 |
| Industrial supplies and materials | 95.5 | 96.7 | 96.4 | 97.5 | 96.7 | 96.6 | 95.9 |
| Durable goods | 32.4 | 31.5 | 31.9 | 31.7 | 30.7 | 32.1 | 31.5 |
| Nondurable goods | 63.1 | 65.2 | 64.5 | 65.8 | 66.0 | 64.5 | 64.4 |
| Capital goods, except automotive | 163.7 | 178.1 | 172.5 | 173.1 | 174.0 | 177.1 | 188.1 |
| Civilian aircraft, engines, and parts | 30.9 | 31.3 | 34.2 | 35.5 | 31.4 | 27.4 | 31.0 |
| Computers, peripherals, and parts | 40.6 | 50.1 | 43.9 | 44.1 | 48.3 | 52.1 | 56.0 |
| Other | 92.2 | 96.6 | 94.4 | 93.5 | 94.4 | 97.6 | 101.0 |
| Automotive vehicles, engines, and parts | 36.3 | 42.0 | 37.5 | 38.4 | 41.1 | 43.5 | 44.8 |
| Consumer goods, except automotive | 40.9 | 43.3 | 42.7 | 41.3 | 41.9 | 44.1 | 45.8 |
| Durable goods | 21.6 | 22.4 | 22.7 | 21.6 | 21.9 | 22.6 | 23.3 |
| Nondurable goods | 19.2 | 20.9 | 20.0 | 19.7 | 20.0 | 21.5 | 22.5 |
| Other | 24.8 | 21.6 | 24.9 | 22.8 | 21.2 | 20.9 | 21.6 |
| Durable goods | 12.4 | 10.8 | 12.4 | 11.4 | 10.6 | 10.5 | 10.8 |
| Nondurable goods | 12.4 | 10.8 | 12.4 | 11.4 | 10.6 | 10.5 | 10.8 |
| Imports of merchandise | 463.5 | 514.3 | 482.2 | 488.0 | 507.8 | 526.4 | 535.1 |
| Foods, feeds, and beverages | 24.5 | 26.1 | 24.5 | 24.9 | 27.2 | 26.4 | 25.8 |
| Industrial supplies and materials, except petroleum and products | 65.5 | 71.8 | 69.1 | 71.4 | 70.8 | 71.4 | 73.5 |
| Durable goods | 31.3 | 34.0 | 32.5 | 34.7 | 32.7 | 33.3 | 35.2 |
| Nondurable goods | 34.2 | 37.8 | 36.6 | 36.7 | 38.1 | 38.1 | 38.3 |
| Petroleum and products | 48.6 | 50.6 | 46.5 | 46.7 | 50.9 | 52.5 | 52.1 |
| Capital goods, except automotive | 124.4 | 150.5 | 129.3 | 135.6 | 146.9 | 157.0 | 162.5 |
| Civilian aircraft, engines, and parts | 10.0 | 10.5 | 9.6 | 10.0 | 11.2 | 10.1 | 10.7 |
| Computers, peripherals, and parts | 41.1 | 59.6 | 45.7 | 48.6 | 56.2 | 65.2 | 68.1 |
| Other | 73.4 | 80.4 | 74.0 | 77.0 | 79.4 | 81.7 | 83.6 |
| Automotive vehicles, engines, and parts | 75.7 | 78.3 | 78.3 | 76.4 | 77.7 | 78.4 | 80.9 |
| Consumer goods, except automotive | 95.4 | 106.0 | 104.6 | 102.2 | 103.5 | 110.2 | 108.0 |
| Durable goods | 50.6 | 55.8 | 55.9 | 54.1 | 54.3 | 58.2 | 56.7 |
| Nondurable goods | 44.8 | 50.1 | 48.7 | 48.0 | 49.2 | 52.1 | 51.2 |
| Other | 29.3 | 31.1 | 29.8 | 30.9 | 30.7 | 30.4 | 32.4 |
| Durable goods | 14.6 | 15.5 | 14.9 | 15.4 | 15.3 | 15.2 | 16.2 |
| Nondurable goods | 14.6 | 15.5 | 14.9 | 15.4 | 15.3 | 15.2 | 16.2 |
| Addenda: | | | | | | | |
| Exports of agricultural products ¹ | 35.5 | 40.0 | 38.1 | 38.7 | 37.6 | 42.2 | 41.6 |
| Exports of nonagricultural products | 357.0 | 377.6 | 369.2 | 369.4 | 370.4 | 378.2 | 392.4 |
| Imports of nonpetroleum products | 414.8 | 463.8 | 435.7 | 441.3 | 456.8 | 473.9 | 483.0 |

1. Includes parts of line 2, 5, and line 13.

Table 5.1.—Gross Saving and Investment

[Billions of dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | 1993 |
|--|---------------|---------------|-------------------------------------|---------------|---------------|---------------|---------------|---------------|
| | | | 1991 | 1992 | | | | |
| | | | IV | I | II | III | IV |  | I |
| Gross saving | 708.2 | 686.3 | 698.2 | 677.5 | 682.9 | 696.9 | 687.9 | 736.5 |
| Gross private saving | 901.5 | 968.8 | 934.8 | 950.1 | 968.1 | 992.1 | 965.0 | 999.0 |
| Personal saving | 199.6 | 212.6 | 219.4 | 214.6 | 232.3 | 203.3 | 200.4 | 219.0 |
| Undistributed corporate profits with inventory valuation and capital consumption adjustments | 75.8 | 104.3 | 78.3 | 104.0 | 97.7 | 91.2 | 124.1 | 125.2 |
| Undistributed profits | 64.2 | 82.1 | 63.4 | 86.2 | 86.1 | 71.1 | 85.0 | 93.6 |
| Inventory valuation adjustment | 3.1 | -7.4 | .7 | -5.4 | -15.5 | -9.7 | 1.0 | -9.3 |
| Capital consumption adjustment | 8.4 | 29.5 | 14.1 | 23.3 | 27.0 | 29.7 | 38.1 | 40.8 |
| Corporate consumption of fixed capital | 383.0 | 394.8 | 386.3 | 386.1 | 391.2 | 407.2 | 394.7 | 399.8 |
| Noncorporate consumption of fixed capital | 243.1 | 258.6 | 250.7 | 245.3 | 247.0 | 290.4 | 251.8 | 261.1 |
| Wage accruals less disbursements | 0 | -1.5 | 0 | 0 | 0 | 0 | -6.0 | -6.0 |
| Government surplus or deficit (-), national income and product accounts | -193.3 | -282.5 | -236.6 | -272.6 | -285.2 | -295.2 | -277.2 | -262.5 |
| Federal | -210.4 | -298.0 | -258.7 | -289.2 | -302.9 | -304.4 | -295.5 | -273.5 |
| State and local | 17.1 | 15.5 | 22.0 | 16.6 | 17.7 | 9.2 | 18.3 | 11.0 |
| Capital grants received by the United States (net) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gross investment | 730.1 | 720.4 | 714.6 | 706.5 | 713.8 | 732.0 | 729.5 | 783.3 |
| Gross private domestic investment | 721.1 | 770.4 | 736.1 | 722.4 | 773.2 | 781.6 | 804.3 | 844.1 |
| Net foreign investment | 9.0 | -49.9 | -21.5 | -16.0 | -59.4 | -49.6 | -74.7 | -60.8 |
| Statistical discrepancy | 21.9 | 34.1 | 16.4 | 29.0 | 30.9 | 35.1 | 41.7 | 46.8 |

Table 5.4.—Fixed Investment by Type

[Billions of dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | 1993 |
|---|--------------|--------------|-------------------------------------|--------------|--------------|--------------|--------------|--------------|
| | | | 1991 | 1992 | | | | |
| | | | IV | I | II | III | IV |  | I |
| Fixed investment | 731.3 | 766.0 | 726.9 | 738.2 | 765.1 | 766.6 | 794.0 | 805.1 |
| Nonresidential | 541.1 | 548.2 | 528.7 | 531.0 | 550.3 | 549.6 | 562.1 | 571.0 |
| Structures | 180.1 | 168.4 | 169.7 | 170.1 | 170.3 | 166.1 | 167.0 | 167.1 |
| Nonresidential buildings, including farm | 127.4 | 111.7 | 116.8 | 115.8 | 114.4 | 108.1 | 108.5 | 108.8 |
| Utilities | 28.6 | 31.0 | 29.0 | 30.5 | 30.7 | 31.1 | 31.7 | 33.1 |
| Mining exploration, shafts, and wells | 15.3 | 13.9 | 14.5 | 13.5 | 13.4 | 13.6 | 14.9 | 13.5 |
| Other structures | 8.8 | 11.8 | 9.4 | 10.3 | 11.8 | 13.3 | 11.9 | 11.7 |
| Producers' durable equipment | 360.9 | 379.9 | 358.9 | 360.8 | 380.0 | 383.5 | 395.1 | 403.9 |
| Information processing and related equipment | 123.6 | 135.6 | 127.4 | 129.9 | 131.4 | 139.3 | 142.0 | 144.0 |
| Computers and peripheral equipment ¹ | 34.2 | 40.0 | 36.1 | 37.6 | 39.6 | 41.4 | 41.6 | 47.7 |
| Other | 89.4 | 95.6 | 91.2 | 92.3 | 91.7 | 97.9 | 100.4 | 96.3 |
| Industrial equipment | 81.3 | 80.8 | 79.6 | 78.3 | 79.0 | 80.8 | 85.1 | 86.0 |
| Transportation and related equipment | 85.1 | 91.8 | 82.6 | 82.3 | 98.3 | 91.2 | 95.3 | 98.0 |
| Other | 71.0 | 71.7 | 69.3 | 70.4 | 71.3 | 72.2 | 72.8 | 76.0 |
| Residential | 190.3 | 217.7 | 198.2 | 207.2 | 214.8 | 217.0 | 231.9 | 234.1 |
| Structures | 183.7 | 210.7 | 191.7 | 200.3 | 207.9 | 209.9 | 224.7 | 226.9 |
| Single family | 95.4 | 117.9 | 104.8 | 111.7 | 115.1 | 117.4 | 127.2 | 131.8 |
| Multifamily | 15.1 | 12.9 | 13.8 | 12.9 | 14.2 | 12.8 | 11.6 | 10.2 |
| Other structures | 73.1 | 80.0 | 73.0 | 75.8 | 78.6 | 79.7 | 85.9 | 84.9 |
| Producers' durable equipment | 6.6 | 7.0 | 6.5 | 6.9 | 6.9 | 7.1 | 7.2 | 7.2 |

1. Includes new computers and peripheral equipment only.

Table 5.5.—Fixed Investment by Type in Constant Dollars

[Billions of 1987 dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | 1993 |
|---|--------------|--------------|-------------------------------------|--------------|--------------|--------------|--------------|--------------|
| | | | 1991 | 1992 | | | | |
| | | | IV | I | II | III | IV |  | I |
| Fixed investment | 670.4 | 707.6 | 669.3 | 681.4 | 705.9 | 710.0 | 733.3 | 747.6 |
| Nonresidential | 500.2 | 515.0 | 492.1 | 495.8 | 514.7 | 518.7 | 530.9 | 545.4 |
| Structures | 157.6 | 146.8 | 148.4 | 149.4 | 149.1 | 144.7 | 144.0 | 143.4 |
| Nonresidential buildings, including farm | 113.0 | 98.6 | 103.6 | 103.0 | 101.4 | 95.2 | 94.8 | 94.3 |
| Utilities | 25.0 | 26.8 | 25.2 | 26.5 | 26.5 | 26.8 | 27.2 | 28.1 |
| Mining exploration, shafts, and wells | 11.7 | 10.7 | 11.1 | 10.5 | 10.4 | 10.6 | 11.5 | 10.5 |
| Other structures | 7.9 | 10.7 | 8.5 | 9.4 | 10.7 | 12.0 | 10.5 | 10.5 |
| Producers' durable equipment | 342.6 | 368.2 | 343.7 | 346.4 | 365.6 | 374.0 | 386.9 | 402.0 |
| Information processing and related equipment | 136.1 | 160.3 | 143.8 | 148.2 | 153.8 | 167.1 | 172.0 | 182.2 |
| Computers and peripheral equipment ¹ | 51.4 | 70.8 | 57.6 | 61.5 | 67.9 | 75.5 | 78.5 | 92.9 |
| Other | 84.7 | 89.4 | 86.2 | 86.8 | 85.9 | 91.6 | 93.5 | 89.3 |
| Industrial equipment | 68.9 | 67.2 | 67.0 | 65.7 | 65.9 | 66.5 | 70.6 | 71.5 |
| Transportation and related equipment | 75.0 | 78.8 | 72.3 | 71.2 | 84.1 | 78.2 | 81.9 | 83.2 |
| Other | 62.5 | 61.9 | 60.6 | 61.2 | 61.8 | 62.1 | 62.5 | 65.1 |
| Residential | 170.2 | 192.6 | 177.3 | 185.6 | 191.2 | 191.3 | 202.3 | 202.2 |
| Structures | 163.9 | 185.9 | 171.0 | 179.0 | 184.6 | 184.6 | 195.4 | 195.3 |
| Single family | 85.5 | 104.5 | 93.9 | 100.6 | 102.9 | 103.7 | 110.9 | 113.7 |
| Multifamily | 13.6 | 11.5 | 12.4 | 11.6 | 12.7 | 11.3 | 10.2 | 8.9 |
| Other structures | 64.8 | 69.9 | 64.7 | 66.8 | 69.0 | 69.6 | 74.4 | 72.7 |
| Producers' durable equipment | 6.4 | 6.7 | 6.3 | 6.6 | 6.6 | 6.7 | 6.9 | 6.9 |

1. Includes new computers and peripheral equipment only.

Table 5.10.—Change in Business Inventories by Industry

[Billions of dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | |
|---------------------------------------|-------|-------|-------------------------------------|-------|-------|-------|-------|-------|
| | | | 1991 | | 1992 | | | 1993 |
| | | | IV | I | II | III | IV | I |
| Change in business inventories | -10.2 | 4.4 | 9.2 | -15.8 | 8.1 | 15.0 | 10.3 | 39.0 |
| Farm | 0 | 2.2 | -5.3 | -2.4 | 1.7 | 5.3 | 4.1 | 2.3 |
| Nonfarm | -10.3 | 2.2 | 14.5 | -13.3 | 6.4 | 9.7 | 6.2 | 36.7 |
| Change in book value | -14.0 | 12.7 | 16.3 | -5.6 | 28.8 | 22.9 | 4.6 | 51.0 |
| Inventory valuation adjustment | 3.8 | -10.5 | -1.8 | -7.8 | -22.4 | -13.2 | 1.6 | -14.3 |
| Manufacturing | -7.5 | -7.8 | -12.5 | -10.1 | -7.7 | 3.4 | -16.7 | .1 |
| Durable goods | -11.3 | -12.6 | -16.3 | -15.1 | -9.3 | -5.8 | -20.0 | -2.4 |
| Nondurable goods | 3.8 | 4.8 | 3.9 | 5.0 | 1.6 | 9.3 | 3.3 | 2.5 |
| Wholesale trade | .9 | .9 | 15.5 | -6.7 | 3.8 | -3.0 | 9.6 | 1.5 |
| Durable goods | -1.5 | .4 | 9.4 | -10.1 | 5.7 | 2.8 | 3.4 | -2.3 |
| Nondurable goods | 2.4 | .5 | 6.1 | 3.3 | -1.9 | -5.8 | 6.3 | 3.8 |
| Merchant wholesalers | 1.8 | .9 | 17.4 | -6.1 | 2.5 | -4.2 | 11.2 | -1.2 |
| Durable goods | -1.4 | .8 | 10.5 | -9.5 | 5.9 | 1.3 | 5.4 | -3.6 |
| Nondurable goods | 3.1 | .1 | 7.0 | 3.4 | -3.4 | -5.5 | 5.8 | 2.4 |
| Nonmerchant wholesalers | -.8 | -.1 | -2.0 | -.7 | 1.3 | 1.2 | -1.6 | 2.7 |
| Durable goods | -.1 | -.4 | -1.1 | -.6 | -.2 | 1.5 | -2.1 | 1.3 |
| Nondurable goods | -.7 | -.4 | -.9 | -.1 | 1.5 | -.2 | .5 | 1.5 |
| Retail trade | 2.2 | 9.3 | 14.3 | .2 | 12.9 | 11.0 | 13.3 | 27.6 |
| Durable goods | -1.7 | 9.1 | .9 | 7.3 | 11.1 | 7.7 | 10.2 | 21.0 |
| Automotive | -1.4 | 3.9 | -.9 | 5.4 | 6.1 | 1.8 | 2.4 | 17.3 |
| Other | -.4 | 5.2 | 1.8 | 1.9 | 5.0 | 5.9 | 7.8 | 3.7 |
| Nondurable goods | 3.9 | .2 | 13.4 | -7.1 | 1.8 | 3.3 | 3.0 | 6.6 |
| Other | -5.9 | -.2 | -2.8 | 3.4 | -2.6 | -1.7 | -.1 | 7.4 |
| Durable goods | -4.7 | -.5 | -2.0 | -1.4 | 2.0 | -1.9 | -.5 | 2.4 |
| Nondurable goods | -1.1 | .2 | -.8 | 4.8 | -4.5 | .2 | .4 | 5.0 |

Table 5.12.—Inventories and Final Sales of Domestic Business by Industry

[Billions of dollars]

| | Seasonally adjusted quarterly totals | | | | | |
|---|--------------------------------------|---------|---------|---------|---------|---------|
| | 1991 | 1992 | | | | 1993 |
| | IV | I | II | III | IV | I |
| Inventories¹ | 1,082.1 | 1,065.1 | 1,090.9 | 1,098.5 | 1,097.0 | 1,117.7 |
| Farm | 90.5 | 93.0 | 91.4 | 92.4 | 93.3 | 96.6 |
| Nonfarm | 991.6 | 992.1 | 999.4 | 1,006.1 | 1,003.7 | 1,021.2 |
| Durable goods | 568.5 | 568.3 | 572.0 | 573.7 | 572.6 | 583.3 |
| Nondurable goods | 423.1 | 423.8 | 427.5 | 432.4 | 431.1 | 437.9 |
| Manufacturing | 406.7 | 404.0 | 403.1 | 405.2 | 397.3 | 398.6 |
| Durable goods | 259.4 | 256.4 | 253.9 | 252.7 | 245.9 | 246.2 |
| Nondurable goods | 147.3 | 147.6 | 149.1 | 152.5 | 151.4 | 152.4 |
| Wholesale trade | 235.5 | 236.0 | 238.3 | 238.7 | 240.4 | 243.0 |
| Durable goods | 149.6 | 148.7 | 150.7 | 152.0 | 153.2 | 154.1 |
| Nondurable goods | 85.9 | 87.3 | 87.6 | 86.7 | 87.2 | 88.9 |
| Merchant wholesalers | 208.8 | 209.8 | 211.7 | 211.6 | 214.5 | 215.7 |
| Durable goods | 133.0 | 132.4 | 134.4 | 135.3 | 137.1 | 137.4 |
| Nondurable goods | 75.9 | 77.4 | 77.3 | 76.3 | 77.4 | 78.3 |
| Nonmerchant wholesalers | 26.7 | 26.2 | 26.6 | 27.1 | 25.9 | 27.3 |
| Durable goods | 16.6 | 16.4 | 16.3 | 16.7 | 16.1 | 16.7 |
| Nondurable goods | 10.1 | 9.8 | 10.3 | 10.4 | 9.8 | 10.6 |
| Retail trade | 255.8 | 257.4 | 263.3 | 267.0 | 271.2 | 281.4 |
| Durable goods | 121.5 | 124.9 | 128.6 | 130.7 | 134.8 | 142.1 |
| Automotive | 63.1 | 65.0 | 67.4 | 67.6 | 69.3 | 74.7 |
| Other | 58.4 | 59.8 | 61.1 | 63.0 | 65.5 | 67.4 |
| Nondurable goods | 134.3 | 132.5 | 134.7 | 136.3 | 136.3 | 139.3 |
| Other | 93.6 | 94.7 | 94.8 | 95.3 | 94.8 | 98.1 |
| Final sales of domestic business ² | 404.8 | 412.8 | 415.0 | 420.2 | 428.3 | 430.1 |
| Final sales of goods and structures of domestic business ² | 221.2 | 226.1 | 226.7 | 228.8 | 234.7 | 234.2 |
| Ratio of inventories to final sales of domestic business | | | | | | |
| Inventories to final sales | 2.67 | 2.63 | 2.63 | 2.61 | 2.56 | 2.60 |
| Nonfarm inventories to final sales | 2.45 | 2.40 | 2.41 | 2.39 | 2.34 | 2.37 |
| Nonfarm inventories to final sales of goods and structures | 4.48 | 4.39 | 4.41 | 4.40 | 4.28 | 4.36 |

1. Inventories are as of the end of the quarter.

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 general government and includes a small amount of final sales by farm.

Table 5.11.—Change in Business Inventories by Industry in Constant Dollars

[Billions of 1987 dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | |
|---------------------------------------|-------|-------|-------------------------------------|-------|------|------|-------|------|
| | | | 1991 | | 1992 | | | 1993 |
| | | | IV | I | II | III | IV | I |
| Change in business inventories | -9.3 | 5.0 | 7.5 | -12.6 | 7.8 | 15.0 | 9.8 | 36.8 |
| Farm | .3 | 2.4 | -4.2 | -1.9 | 1.8 | 5.3 | 4.2 | 3.0 |
| Nonfarm | -9.6 | 2.6 | 11.8 | -10.7 | 6.0 | 9.6 | 5.6 | 33.8 |
| Manufacturing | -6.9 | -6.5 | -11.3 | -8.7 | -6.5 | 3.9 | -14.5 | 1.4 |
| Durable goods | -10.3 | -10.9 | -14.8 | -13.5 | -8.0 | -4.4 | -17.7 | -1.3 |
| Nondurable goods | 3.4 | 4.5 | 3.5 | 4.8 | 1.5 | 8.3 | 3.2 | 2.7 |
| Wholesale trade | .9 | .8 | 13.3 | -5.6 | 3.2 | -2.3 | 8.0 | 1.9 |
| Durable goods | -1.3 | .4 | 8.4 | -9.0 | 5.0 | 2.8 | 2.8 | -1.7 |
| Nondurable goods | 2.2 | .4 | 5.0 | 3.4 | -1.8 | -5.1 | 5.2 | 3.6 |
| Merchant wholesalers | 1.5 | .8 | 15.2 | -4.9 | 2.1 | -3.5 | 9.6 | -.6 |
| Durable goods | -1.2 | .8 | 9.5 | -8.4 | 5.1 | 1.5 | 4.8 | -2.9 |
| Nondurable goods | 2.7 | .1 | 5.7 | 3.5 | -3.1 | -5.0 | 4.8 | 2.3 |
| Nonmerchant wholesalers | -.6 | 0 | -1.8 | -.7 | 1.1 | 1.2 | -1.6 | 2.6 |
| Durable goods | -.1 | -.4 | -1.1 | -.5 | -.2 | 1.3 | -2.0 | 1.2 |
| Nondurable goods | -.5 | .4 | -.7 | -.1 | 1.3 | -.2 | .4 | 1.3 |
| Retail trade | 1.7 | 8.5 | 12.3 | .5 | 11.8 | 9.7 | 12.0 | 23.9 |
| Durable goods | -1.6 | 8.0 | .8 | 6.5 | 9.9 | 6.7 | 9.1 | 18.1 |
| Automotive | -1.3 | 3.5 | -.9 | 4.8 | 5.5 | 1.6 | 2.1 | 15.1 |
| Other | -.3 | 4.5 | 1.6 | 1.7 | 4.4 | 5.1 | 7.0 | 3.0 |
| Nondurable goods | 3.3 | .5 | 11.5 | -6.0 | 1.9 | 3.0 | 3.0 | 5.8 |
| Other | -5.3 | -.2 | -2.6 | 3.2 | -2.5 | -1.6 | .2 | 6.5 |
| Durable goods | -4.3 | -.4 | -1.8 | -1.3 | 1.7 | -1.7 | -.4 | 2.0 |
| Nondurable goods | -1.0 | .2 | -.8 | 4.4 | -4.2 | .1 | .6 | 4.5 |

Table 5.13.—Inventories and Final Sales of Domestic Business by Industry in Constant Dollars

[Billions of 1987 dollars]

| | Seasonally adjusted quarterly totals | | | | | |
|---|--------------------------------------|-------|-------|-------|-------|-------|
| | 1991 | 1992 | | | | 1993 |
| | IV | I | II | III | IV | I |
| Inventories¹ | 978.3 | 975.2 | 977.1 | 980.9 | 983.3 | 992.5 |
| Farm | 84.3 | 83.8 | 84.3 | 85.6 | 86.7 | 87.4 |
| Nonfarm | 894.0 | 891.4 | 892.9 | 895.3 | 896.7 | 905.1 |
| Durable goods | 518.6 | 514.2 | 516.4 | 517.2 | 515.7 | 519.9 |
| Nondurable goods | 375.5 | 377.1 | 376.5 | 378.0 | 381.0 | 385.2 |
| Manufacturing | 370.7 | 368.5 | 366.9 | 367.9 | 364.2 | 364.6 |
| Durable goods | 239.0 | 235.6 | 233.6 | 232.5 | 228.1 | 227.8 |
| Nondurable goods | 131.7 | 132.9 | 133.3 | 135.4 | 136.2 | 136.8 |
| Wholesale trade | 207.9 | 206.5 | 207.3 | 206.8 | 208.7 | 209.2 |
| Durable goods | 133.1 | 130.9 | 132.1 | 132.8 | 133.5 | 133.1 |
| Nondurable goods | 74.8 | 75.7 | 75.2 | 73.9 | 75.2 | 76.1 |
| Merchant wholesalers | 184.0 | 182.8 | 183.3 | 182.4 | 184.8 | 184.7 |
| Durable goods | 118.1 | 116.0 | 117.3 | 117.6 | 118.8 | 118.1 |
| Nondurable goods | 65.9 | 66.8 | 66.1 | 64.8 | 66.0 | 66.6 |
| Nonmerchant wholesalers | 23.9 | 23.7 | 24.0 | 24.3 | 23.9 | 24.5 |
| Durable goods | 15.0 | 14.9 | 14.8 | 15.2 | 14.7 | 15.0 |
| Nondurable goods | 8.9 | 8.8 | 9.2 | 9.1 | 9.2 | 9.6 |
| Retail trade | 229.0 | 229.2 | 232.1 | 234.5 | 237.5 | 243.5 |
| Durable goods | 111.8 | 113.4 | 115.9 | 117.6 | 119.8 | 124.3 |
| Automotive | 59.2 | 60.4 | 61.8 | 62.2 | 62.7 | 66.5 |
| Other | 52.5 | 53.0 | 54.1 | 55.3 | 57.1 | 57.8 |
| Nondurable goods | 117.3 | 115.8 | 116.2 | 117.0 | 117.7 | 119.2 |
| Other | 86.3 | 87.1 | 86.5 | 86.1 | 86.1 | 87.8 |
| Final sales of domestic business ² | 343.0 | 347.4 | 347.2 | 349.8 | 354.8 | 353.5 |
| Final sales of goods and structures of domestic business ² | 193.5 | 197.2 | 196.9 | 198.4 | 203.1 | 201.1 |
| Ratio of inventories to final sales of domestic business | | | | | | |
| Inventories to final sales | 2.85 | 2.81 | 2.81 | 2.80 | 2.77 | 2.81 |
| Nonfarm inventories to final sales | 2.61 | 2.57 | 2.57 | 2.56 | 2.53 | 2.56 |
| Nonfarm inventories to final sales of goods and structures | 4.62 | 4.52 | 4.54 | 4.51 | 4.42 | 4.50 |

1. Inventories are as of the end of the quarter. Quarter-to-quarter changes calculated from this table are at quarterly rates, whereas the constant-dollar change in business inventories component of GDP is stated at annual rates.

2. Quarterly totals at monthly rates. Final sales of domestic business equals final sales of domestic product less gross product of households and institutions and general government and includes a small amount of final sales by farm.

Table 6.1C.—National Income Without Capital Consumption Adjustment by Industry

[Billions of dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | | |
|---|----------------|----------------|-------------------------------------|----------------|----------------|----------------|----------------|----------------|------|
| | | | 1991 | | 1992 | | | | 1993 |
| | | | IV | I | II | III | IV | I | |
| National income without capital consumption adjustment | 4,587.5 | 4,769.0 | 4,639.5 | 4,704.5 | 4,737.4 | 4,765.9 | 4,868.2 | 4,935.7 | |
| Domestic industries | 4,570.1 | 4,757.7 | 4,628.8 | 4,684.9 | 4,730.4 | 4,752.4 | 4,863.2 | 4,915.7 | |
| Private industries | 3,870.6 | 4,029.3 | 3,923.7 | 3,967.0 | 4,004.1 | 4,021.7 | 4,124.5 | 4,165.4 | |
| Agriculture, forestry, and fisheries | 90.9 | 95.6 | 92.9 | 95.4 | 94.8 | 88.3 | 104.1 | ..... |  |
| Mining | 36.7 | 36.1 | 35.5 | 36.0 | 34.9 | 35.5 | 38.2 | ..... |  |
| Construction | 210.1 | 219.6 | 213.6 | 214.4 | 218.9 | 220.1 | 225.1 | ..... |  |
| Manufacturing | 841.0 | 873.8 | 848.6 | 850.7 | 874.6 | 877.0 | 892.9 | ..... |  |
| Durable goods | 464.2 | 480.5 | 467.8 | 467.5 | 477.3 | 481.6 | 495.4 | ..... |  |
| Nondurable goods | 376.7 | 393.4 | 380.9 | 383.3 | 397.3 | 395.4 | 397.5 | ..... |  |
| Transportation and public utilities | 335.2 | 337.2 | 336.4 | 339.2 | 333.3 | 334.6 | 341.9 | ..... |  |
| Transportation | 140.8 | 144.8 | 142.6 | 145.4 | 140.6 | 143.7 | 149.4 | ..... |  |
| Communications | 95.3 | 98.6 | 95.2 | 97.9 | 97.3 | 97.9 | 101.1 | ..... |  |
| Electric, gas, and sanitary services | 99.0 | 93.9 | 98.6 | 95.9 | 95.4 | 93.0 | 91.3 | ..... |  |
| Wholesale trade | 266.0 | 272.9 | 265.8 | 264.9 | 270.2 | 273.1 | 283.4 | ..... |  |
| Retail trade | 403.3 | 418.3 | 409.9 | 413.6 | 416.1 | 413.3 | 430.0 | ..... |  |
| Finance, insurance, and real estate | 685.0 | 703.2 | 694.2 | 704.0 | 698.5 | 702.5 | 707.8 | ..... |  |
| Services | 1,002.4 | 1,072.5 | 1,026.9 | 1,048.8 | 1,062.8 | 1,077.3 | 1,101.2 | ..... |  |
| Government | 699.4 | 728.4 | 705.0 | 717.8 | 726.2 | 730.7 | 738.7 | 750.3 | |
| Rest of the world | 17.4 | 11.3 | 10.8 | 19.6 | 7.0 | 13.5 | 5.0 | 20.0 | |

Table 6.16C.—Corporate Profits by Industry

[Billions of dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | | |
|---|--------------|--------------|-------------------------------------|--------------|--------------|--------------|--------------|--------------|------|
| | | | 1991 | | 1992 | | | | 1993 |
| | | | IV | I | II | III | IV | I | |
| Corporate profits with inventory valuation and capital consumption adjustments | 346.3 | 393.8 | 347.1 | 384.0 | 388.4 | 374.1 | 428.5 | 432.2 | |
| Domestic industries | 279.8 | 329.8 | 284.2 | 315.3 | 327.4 | 309.0 | 367.4 | 356.3 | |
| Financial | 49.9 | 46.8 | 48.9 | 59.6 | 51.2 | 30.6 | 45.9 | 49.2 | |
| Nonfinancial | 229.9 | 283.0 | 235.3 | 255.7 | 276.2 | 278.5 | 321.5 | 307.2 | |
| Rest of the world | 66.5 | 64.0 | 62.9 | 68.7 | 61.0 | 65.1 | 61.1 | 75.9 | |
| Receipts from the rest of the world | 62.5 | 66.4 | 59.1 | 67.1 | 67.1 | 68.4 | 63.1 | 79.7 | |
| Less: Payments to the rest of the world | -4.0 | 2.5 | -3.8 | -1.6 | 6.1 | 3.3 | 2.0 | 3.9 | |
| Corporate profits with inventory valuation adjustment | 337.8 | 364.2 | 333.1 | 360.7 | 361.4 | 344.4 | 390.4 | 391.4 | |
| Domestic industries | 271.3 | 300.2 | 270.2 | 292.0 | 300.4 | 279.3 | 329.3 | 315.5 | |
| Financial | 60.9 | 56.8 | 59.7 | 70.1 | 61.3 | 40.3 | 55.3 | 58.8 | |
| Federal Reserve banks | 20.2 | 17.8 | 19.8 | 18.8 | 18.5 | 17.2 | 16.8 | 16.6 | |
| Other | 40.7 | 38.9 | 39.9 | 51.3 | 42.8 | 23.1 | 38.5 | 42.2 | |
| Nonfinancial | 210.4 | 243.5 | 210.5 | 221.9 | 239.0 | 239.0 | 274.0 | 256.7 | |
| Manufacturing | 89.3 | 113.8 | 87.5 | 97.5 | 115.2 | 118.0 | 124.5 | ..... |  |
| Durable goods | 25.8 | 41.0 | 24.8 | 31.8 | 38.3 | 43.8 | 49.9 | ..... |  |
| Primary metal industries | 1.1 | .4 | 1.4 | .8 | 1.1 | .3 | -.6 | ..... |  |
| Fabricated metal products | 5.4 | 7.1 | 6.0 | 6.1 | 7.8 | 7.8 | 6.7 | ..... |  |
| Industrial machinery and equipment | 8.9 | 9.4 | 9.2 | 8.6 | 9.5 | 9.3 | 10.0 | ..... |  |
| Electronic and other electric equipment | 6.6 | 9.3 | 6.8 | 7.2 | 6.4 | 10.4 | 13.3 | ..... |  |
| Motor vehicles and equipment | -6.9 | 3.1 | -4.9 | 1.8 | 4.5 | 1.9 | 4.4 | ..... |  |
| Other | 10.8 | 11.7 | 6.2 | 7.4 | 9.0 | 14.0 | 16.1 | ..... |  |
| Nondurable goods | 63.5 | 72.9 | 62.7 | 65.7 | 76.9 | 74.2 | 74.7 | ..... |  |
| Food and kindred products | 16.6 | 16.6 | 14.6 | 15.2 | 19.5 | 17.1 | 14.4 | ..... |  |
| Chemicals and allied products | 16.1 | 18.1 | 20.1 | 17.8 | 17.1 | 17.5 | 20.1 | ..... |  |
| Petroleum and coal products | 7.7 | 9.4 | 5.1 | 8.2 | 11.1 | 10.1 | 8.3 | ..... |  |
| Other | 23.1 | 28.7 | 22.9 | 24.5 | 29.2 | 29.4 | 31.8 | ..... |  |
| Transportation and public utilities | 46.1 | 44.4 | 45.6 | 49.4 | 42.2 | 40.6 | 45.4 | ..... |  |
| Wholesale and retail trade | 44.0 | 47.7 | 44.5 | 39.9 | 46.7 | 43.7 | 60.7 | ..... |  |
| Other | 31.1 | 37.5 | 32.9 | 35.1 | 35.0 | 36.7 | 43.3 | ..... |  |
| Rest of the world | 66.5 | 64.0 | 62.9 | 68.7 | 61.0 | 65.1 | 61.1 | 75.9 | |

Table 7.1.—Fixed-Weighted and Alternative Quantity and Price Indexes for Gross Domestic Product—Continued

[Index numbers, 1987=100]

| | 1991 | 1992 | Seasonally adjusted | | | | | | |
|---------------------------------|-------|-------|---------------------|-------|-------|-------|-------|-------|------|
| | | | 1991 | 1992 | | | | | 1993 |
| | | | | IV | I | II | III | IV | |
| Government purchases: | | | | | | | | | |
| Current dollars | 123.7 | 126.5 | 123.7 | 125.1 | 125.8 | 127.5 | 127.4 | 126.6 | |
| Quantity indexes: | | | | | | | | | |
| Fixed 1987 weights | 106.7 | 106.4 | 105.8 | 106.3 | 106.0 | 107.0 | 106.3 | 104.3 | |
| Chain-type annual weights | 106.6 | 106.1 | 105.6 | 106.1 | 105.8 | 106.7 | 105.9 | 104.2 | |
| Benchmark-years weights | 106.5 | 106.1 | 105.6 | 106.0 | 105.7 | 106.7 | 105.9 | 104.1 | |
| Price indexes: | | | | | | | | | |
| Fixed 1987 weights | 116.5 | 119.8 | 117.6 | 118.5 | 119.5 | 120.2 | 121.2 | 122.5 | |
| Chain-type annual weights | 116.1 | 119.2 | 117.1 | 118.0 | 118.9 | 119.5 | 120.4 | 121.7 | |
| Benchmark-years weights | 116.2 | 119.4 | 117.2 | 118.1 | 119.1 | 119.7 | 120.6 | 122.0 | |
| Implicit price deflator | 115.9 | 118.9 | 116.9 | 117.7 | 118.7 | 119.2 | 119.9 | 121.4 | |
| Federal: | | | | | | | | | |
| Current dollars | 116.2 | 116.7 | 114.5 | 115.6 | 115.5 | 118.3 | 117.3 | 114.6 | |
| Quantity indexes: | | | | | | | | | |
| Fixed 1987 weights | 100.9 | 97.6 | 98.2 | 97.5 | 96.8 | 98.6 | 97.4 | 92.8 | |
| Chain-type annual weights | 100.5 | 97.2 | 97.8 | 97.2 | 96.5 | 98.2 | 96.8 | 92.6 | |
| Benchmark-years weights | 100.3 | 97.0 | 97.7 | 97.0 | 96.3 | 98.0 | 96.7 | 92.4 | |
| Price indexes: | | | | | | | | | |
| Fixed 1987 weights | 116.5 | 121.3 | 118.1 | 119.8 | 120.6 | 121.7 | 123.0 | 125.3 | |
| Chain-type annual weights | 115.7 | 120.0 | 117.0 | 118.9 | 119.6 | 120.4 | 121.3 | 123.7 | |
| Benchmark-years weights | 115.8 | 120.4 | 117.3 | 119.1 | 119.8 | 120.8 | 121.8 | 124.2 | |
| Implicit price deflator | 115.2 | 119.6 | 116.6 | 118.6 | 119.3 | 120.0 | 120.4 | 123.5 | |
| National defense: | | | | | | | | | |
| Current dollars | 110.9 | 108.1 | 107.8 | 107.4 | 106.7 | 109.4 | 108.9 | 104.2 | |
| Quantity indexes: | | | | | | | | | |
| Fixed 1987 weights | 96.8 | 90.7 | 92.8 | 90.9 | 89.8 | 91.5 | 90.8 | 84.2 | |
| Chain-type annual weights | 95.8 | 89.8 | 91.9 | 90.3 | 89.0 | 90.6 | 89.5 | 83.7 | |
| Benchmark-years weights | 96.0 | 90.0 | 92.0 | 90.3 | 89.1 | 90.7 | 89.8 | 83.6 | |
| Price indexes: | | | | | | | | | |
| Fixed 1987 weights | 116.5 | 121.7 | 118.3 | 120.0 | 120.9 | 122.1 | 123.6 | 126.0 | |
| Chain-type annual weights | 115.7 | 120.4 | 117.3 | 119.0 | 119.8 | 120.9 | 121.8 | 124.3 | |
| Benchmark-years weights | 115.5 | 120.4 | 117.2 | 118.8 | 119.7 | 120.8 | 122.0 | 124.5 | |
| Implicit price deflator | 114.5 | 119.1 | 116.2 | 118.1 | 118.9 | 119.5 | 120.0 | 123.8 | |
| Nondefense: | | | | | | | | | |
| Current dollars | 133.0 | 143.6 | 135.7 | 141.5 | 143.3 | 146.1 | 143.6 | 147.4 | |
| Quantity indexes: | | | | | | | | | |
| Fixed 1987 weights | 113.6 | 119.1 | 115.4 | 118.1 | 119.1 | 120.7 | 118.3 | 119.8 | |
| Chain-type annual weights | 115.2 | 120.4 | 116.6 | 119.1 | 120.4 | 122.2 | 119.8 | 120.9 | |
| Benchmark-years weights | 113.9 | 119.2 | 115.5 | 118.1 | 119.2 | 121.0 | 118.6 | 119.9 | |
| Price indexes: | | | | | | | | | |
| Fixed 1987 weights | 116.6 | 120.2 | 117.3 | 119.4 | 119.8 | 120.4 | 121.1 | 123.4 | |
| Chain-type annual weights | 115.5 | 119.0 | 116.3 | 118.5 | 118.8 | 119.1 | 119.7 | 122.1 | |
| Benchmark-years weights | 116.8 | 120.3 | 117.5 | 119.6 | 120.0 | 120.5 | 121.1 | 123.4 | |
| Implicit price deflator | 117.1 | 120.6 | 117.6 | 119.8 | 120.3 | 121.0 | 121.4 | 123.0 | |
| State and local: | | | | | | | | | |
| Current dollars | 129.5 | 134.1 | 130.8 | 132.5 | 133.8 | 134.7 | 135.3 | 135.9 | |
| Quantity indexes: | | | | | | | | | |
| Fixed 1987 weights | 111.3 | 113.2 | 111.7 | 113.1 | 113.1 | 113.5 | 113.1 | 113.2 | |
| Chain-type annual weights | 111.2 | 113.0 | 111.6 | 112.9 | 112.9 | 113.3 | 113.0 | 113.0 | |
| Benchmark-years weights | 111.3 | 113.1 | 111.7 | 113.0 | 113.0 | 113.4 | 113.1 | 113.1 | |
| Price indexes: | | | | | | | | | |
| Fixed 1987 weights | 116.4 | 118.7 | 117.2 | 117.4 | 118.5 | 119.0 | 119.8 | 120.3 | |
| Chain-type annual weights | 116.4 | 118.7 | 117.2 | 117.4 | 118.6 | 119.0 | 119.8 | 120.3 | |
| Benchmark-years weights | 116.4 | 118.6 | 117.1 | 117.4 | 118.5 | 118.9 | 119.7 | 120.3 | |
| Implicit price deflator | 116.4 | 118.4 | 117.1 | 117.1 | 118.3 | 118.7 | 119.5 | 120.0 | |

NOTE.—The quantity and price indexes in this table are calculated from weighted averages of the detailed output and prices used to prepare each aggregate and component. The fixed-weighted measures use as weights the composition of output in 1987. For the alternative indexes, the chain-type indexes with annual weights use weights for the preceding and current years, and the indexes with benchmark-years weights use weights of 1959, 1963, 1967, 1972, 1977, 1982, and 1987 and the most recent year. Percent changes from preceding period for selected items in this table are shown in table 8.1.

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

[Index numbers, 1987=100]

| | 1991 | 1992 | Seasonally adjusted | | | | | | |
|--|-------|-------|---------------------|-------|-------|-------|-------|-------|------|
| | | | 1991 | 1992 | | | | | 1993 |
| | | | | IV | I | II | III | IV | |
| Gross domestic product: | | | | | | | | | |
| Current dollars | 125.1 | 131.1 | 126.7 | 128.6 | 130.0 | 131.7 | 134.0 | 135.4 | |
| Quantity indexes: | | | | | | | | | |
| Fixed 1987 weights | 106.2 | 108.4 | 106.6 | 107.4 | 107.8 | 108.7 | 109.9 | 110.2 | |
| Chain-type annual weights | 106.2 | 108.2 | 106.5 | 107.2 | 107.6 | 108.5 | 109.6 | 109.7 | |
| Benchmark-years weights | 106.0 | 108.2 | 106.4 | 107.1 | 107.5 | 108.4 | 109.6 | 109.8 | |
| Price indexes: | | | | | | | | | |
| Fixed 1987 weights | 118.1 | 121.6 | 119.3 | 120.3 | 121.2 | 121.9 | 122.9 | 124.2 | |
| Chain-type annual weights | 117.8 | 121.1 | 119.0 | 120.0 | 120.8 | 121.4 | 122.3 | 123.6 | |
| Benchmark-years weights | 117.9 | 121.3 | 119.1 | 120.2 | 121.0 | 121.6 | 122.6 | 123.9 | |
| Implicit price deflator | 117.8 | 120.9 | 118.9 | 119.8 | 120.6 | 121.2 | 121.9 | 122.9 | |
| Final sales of domestic product¹: | | | | | | | | | |
| Current dollars | 126.0 | 131.7 | 127.3 | 129.7 | 130.6 | 132.1 | 134.5 | 135.3 | |
| Quantity indexes: | | | | | | | | | |
| Fixed 1987 weights | 107.0 | 109.0 | 107.0 | 108.3 | 108.2 | 109.0 | 110.4 | 110.0 | |
| Chain-type annual weights | 106.9 | 108.7 | 106.9 | 108.1 | 108.0 | 108.7 | 110.0 | 109.6 | |
| Benchmark-years weights | 106.8 | 108.7 | 106.8 | 108.0 | 108.0 | 108.7 | 110.0 | 109.6 | |
| Price indexes: | | | | | | | | | |
| Fixed 1987 weights | 118.2 | 121.6 | 119.4 | 120.4 | 121.3 | 121.9 | 123.0 | 124.2 | |
| Chain-type annual weights | 117.8 | 121.2 | 119.0 | 120.0 | 120.9 | 121.5 | 122.4 | 123.6 | |
| Benchmark-years weights | 118.0 | 121.4 | 119.2 | 120.2 | 121.0 | 121.6 | 122.6 | 123.9 | |
| Implicit price deflator | 117.8 | 120.9 | 118.9 | 119.8 | 120.7 | 121.2 | 121.9 | 123.0 | |
| Gross domestic purchases²: | | | | | | | | | |
| Current dollars | 121.7 | 127.7 | 123.2 | 124.9 | 126.8 | 128.4 | 130.7 | 132.4 | |
| Quantity indexes: | | | | | | | | | |
| Fixed 1987 weights | 103.4 | 106.0 | 103.8 | 104.5 | 105.4 | 106.5 | 107.6 | 108.3 | |
| Chain-type annual weights | 103.3 | 105.6 | 103.6 | 104.3 | 105.1 | 106.1 | 107.1 | 107.6 | |
| Benchmark-years weights | 103.2 | 105.7 | 103.5 | 104.3 | 105.1 | 106.1 | 107.2 | 107.8 | |
| Price indexes: | | | | | | | | | |
| Fixed 1987 weights | 118.1 | 121.4 | 119.3 | 120.1 | 121.1 | 121.8 | 122.7 | 123.8 | |
| Chain-type annual weights | 117.8 | 121.1 | 118.9 | 119.8 | 120.7 | 121.4 | 122.2 | 123.3 | |
| Benchmark-years weights | 117.9 | 121.2 | 119.0 | 119.9 | 120.8 | 121.6 | 122.4 | 123.5 | |
| Implicit price deflator | 117.7 | 120.5 | 118.7 | 119.5 | 120.3 | 120.6 | 121.5 | 122.2 | |
| Final sales to domestic purchasers³: | | | | | | | | | |
| Current dollars | 122.6 | 128.3 | 123.7 | 125.9 | 127.4 | 128.8 | 131.3 | 132.3 | |
| Quantity indexes: | | | | | | | | | |
| Fixed 1987 weights | 104.2 | 106.5 | 104.2 | 105.4 | 105.8 | 106.8 | 108.0 | 108.2 | |
| Chain-type annual weights | 104.0 | 106.1 | 104.0 | 105.1 | 105.5 | 106.3 | 107.4 | 107.5 | |
| Benchmark-years weights | 104.0 | 106.1 | 103.9 | 105.1 | 105.5 | 106.4 | 107.6 | 107.7 | |
| Price indexes: | | | | | | | | | |
| Fixed 1987 weights | 118.1 | 121.5 | 119.3 | 120.2 | 121.1 | 121.9 | 122.8 | 123.8 | |
| Chain-type annual weights | 117.8 | 121.1 | 119.0 | 119.9 | 120.8 | 121.5 | 122.3 | 123.4 | |
| Benchmark-years weights | 117.9 | 121.2 | 119.1 | 119.9 | 120.9 | 121.6 | 122.5 | 123.5 | |
| Implicit price deflator | 117.7 | 120.5 | 118.7 | 119.5 | 120.3 | 120.7 | 121.5 | 122.3 | |

1. Equals GDP less change in business inventories.
 2. Equals GDP less net exports of goods and services or equals the sum of personal consumption expenditures, gross private domestic investment, and government purchases.
 3. Equals gross domestic purchases less change in business inventories or equals the sum of personal consumption expenditures, gross private domestic fixed investment, and government purchases.
 NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 7.3.—Fixed-Weighted and Alternative Quantity and Price Indexes for Gross National Product and Command-Basis Gross National Product

[Index numbers, 1987=100]

| | 1991 | 1992 | Seasonally adjusted | | | | | |
|---|-------|-------|---------------------|-------|-------|-------|-------|-------|
| | | | 1991 | | 1992 | | | 1993 |
| | | | IV | I | II | III | IV |  | I |
| Gross national product: | | | | | | | | |
| Current dollars | 125.3 | 131.2 | 126.8 | 128.9 | 130.0 | 131.9 | 133.9 | 135.7 |
| Quantity indexes: | | | | | | | | |
| Fixed 1987 weights | 106.4 | 108.5 | 106.7 | 107.6 | 107.8 | 108.8 | 109.9 | 110.5 |
| Chain-type annual weights | 106.4 | 108.3 | 106.6 | 107.5 | 107.7 | 108.6 | 109.6 | 110.0 |
| Benchmark-years weights | 106.3 | 108.3 | 106.5 | 107.4 | 107.6 | 108.6 | 109.6 | 110.1 |
| Price indexes: | | | | | | | | |
| Fixed 1987 weights | 118.1 | 121.5 | 119.3 | 120.3 | 121.2 | 121.8 | 122.8 | 124.1 |
| Chain-type annual weights | 117.8 | 121.1 | 119.0 | 120.0 | 120.8 | 121.4 | 122.3 | 123.6 |
| Benchmark-years weights | 117.9 | 121.3 | 119.1 | 120.1 | 121.0 | 121.6 | 122.6 | 123.8 |
| Implicit price deflator | 117.8 | 120.9 | 118.9 | 119.8 | 120.6 | 121.2 | 121.8 | 122.9 |
| Less: Exports of goods and services and receipts of factor income: | | | | | | | | |
| Current dollars | 158.1 | 163.1 | 161.2 | 162.3 | 161.3 | 163.7 | 165.2 | 167.4 |
| Quantity index, fixed 1987 weights .. | 140.8 | 144.7 | 143.3 | 143.9 | 143.1 | 145.2 | 146.6 | 147.9 |
| Plus: Command-basis exports of goods and services and receipts of factor income: | | | | | | | | |
| Current dollars | 164.4 | 174.8 | 171.2 | 172.6 | 171.8 | 175.6 | 179.3 | 178.5 |
| Quantity index, fixed 1987 weights .. | 141.3 | 147.8 | 144.6 | 147.1 | 145.3 | 149.5 | 149.2 | 153.4 |
| Equals: Command-basis gross national product: | | | | | | | | |
| Current dollars | 125.3 | 131.2 | 126.8 | 128.9 | 130.0 | 131.9 | 133.9 | 135.7 |
| Quantity index, fixed 1987 weights .. | 106.5 | 108.9 | 106.8 | 107.9 | 108.0 | 109.3 | 110.2 | 111.0 |

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

Table 7.4.—Price Indexes for Personal Consumption Expenditures by Major Type of Product, Fixed 1987 Weights

[Index numbers, 1987=100]

| | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|
| Personal consumption expenditures | 120.4 | 124.3 | 121.8 | 122.9 | 123.9 | 124.7 | 125.7 | 126.7 |
| Durable goods | 108.9 | 111.4 | 109.8 | 110.3 | 111.3 | 111.8 | 112.2 | 112.7 |
| Motor vehicles and parts | 108.8 | 112.0 | 109.9 | 110.0 | 111.6 | 112.8 | 113.6 | 114.2 |
| Furniture and household equipment .. | 103.0 | 103.9 | 102.9 | 103.8 | 104.1 | 103.8 | 104.1 | 103.8 |
| Other | 120.5 | 124.2 | 122.8 | 123.5 | 124.5 | 124.7 | 124.3 | 126.1 |
| Nondurable goods | 120.5 | 123.0 | 121.3 | 121.8 | 122.7 | 123.5 | 124.0 | 125.1 |
| Food | 120.1 | 122.1 | 120.6 | 121.3 | 121.7 | 122.3 | 123.0 | 123.9 |
| Clothing and shoes | 115.3 | 117.9 | 116.6 | 117.6 | 118.0 | 117.7 | 118.4 | 120.0 |
| Gasoline and oil | 123.8 | 123.3 | 122.1 | 120.0 | 122.8 | 125.3 | 125.1 | 126.7 |
| Fuel oil and coal | 121.2 | 117.2 | 121.3 | 114.2 | 115.8 | 120.1 | 118.7 | 117.7 |
| Other | 123.8 | 128.8 | 125.7 | 127.0 | 128.5 | 129.5 | 130.2 | 131.3 |
| Services | 123.1 | 128.2 | 125.1 | 126.6 | 127.7 | 128.7 | 130.0 | 131.2 |
| Housing | 120.2 | 124.1 | 121.7 | 123.0 | 123.7 | 124.3 | 125.4 | 126.6 |
| Household operation | 109.8 | 112.7 | 110.8 | 111.4 | 112.2 | 113.1 | 114.1 | 114.3 |
| Electricity and gas | 108.8 | 111.1 | 110.1 | 109.6 | 110.4 | 111.5 | 112.9 | 112.4 |
| Other household operation | 110.6 | 114.1 | 111.3 | 113.0 | 113.7 | 114.5 | 115.2 | 115.9 |
| Transportation | 121.9 | 128.1 | 124.3 | 127.3 | 126.4 | 127.2 | 131.5 | 135.1 |
| Medical care | 132.8 | 140.4 | 135.6 | 137.6 | 139.6 | 141.2 | 143.0 | 144.7 |
| Other | 123.7 | 128.5 | 125.6 | 126.9 | 128.4 | 129.1 | 129.6 | 130.4 |
| Addenda: | | | | | | | | |
| Price indexes for personal consumption expenditures: | | | | | | | | |
| Chain-type annual weights | 120.1 | 123.9 | 121.5 | 122.5 | 123.6 | 124.3 | 125.3 | 126.3 |
| Benchmark-years weights | 120.2 | 124.1 | 121.6 | 122.6 | 123.7 | 124.5 | 125.4 | 126.5 |

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

Table 7.6.—Price Indexes for Fixed Investment by Type, Fixed 1987 Weights

[Index numbers, 1987=100]

| | 1991 | 1992 | Seasonally adjusted | | | | | |
|---|-------|-------|---------------------|-------|-------|-------|-------|-------|
| | | | 1991 | | 1992 | | | 1993 |
| | | | IV | I | II | III | IV |  | I |
| Fixed investment | 110.8 | 111.8 | 111.0 | 111.1 | 111.5 | 112.1 | 112.6 | 113.3 |
| Nonresidential | 110.3 | 111.3 | 110.6 | 110.8 | 111.1 | 111.5 | 111.7 | 112.1 |
| Structures | 114.4 | 114.9 | 114.4 | 114.0 | 114.4 | 115.0 | 116.0 | 116.7 |
| Nonresidential buildings, including | | | | | | | | |
| farm | 112.8 | 113.3 | 112.8 | 112.4 | 112.8 | 113.6 | 114.6 | 115.5 |
| Utilities | 114.4 | 116.0 | 114.8 | 115.1 | 115.8 | 116.2 | 116.8 | 117.7 |
| Mining exploration, shafts, and wells | 130.5 | 129.1 | 130.2 | 129.7 | 128.9 | 128.0 | 129.7 | 129.4 |
| Other structures | 112.0 | 110.8 | 111.3 | 109.2 | 110.5 | 111.0 | 112.7 | 112.1 |
| Producers' durable equipment | 108.2 | 109.4 | 108.6 | 109.1 | 109.4 | 109.7 | 109.4 | 109.7 |
| Information processing and related equipment | 94.7 | 92.9 | 93.9 | 93.9 | 93.5 | 92.7 | 92.4 | 92.4 |
| Computers and peripheral equipment ¹ | 70.0 | 61.3 | 66.5 | 64.9 | 62.9 | 59.4 | 57.9 | 56.5 |
| Other | 105.8 | 107.6 | 106.2 | 107.0 | 107.4 | 108.2 | 108.7 | 108.7 |
| Industrial equipment | 117.9 | 120.2 | 118.7 | 119.1 | 119.8 | 121.4 | 120.4 | 120.4 |
| Transportation and related equipment | 112.9 | 116.1 | 114.3 | 115.4 | 116.1 | 116.4 | 116.3 | 117.4 |
| Other | 114.2 | 116.3 | 115.1 | 115.5 | 116.0 | 116.8 | 117.1 | 117.3 |
| Residential | 111.8 | 113.1 | 112.0 | 111.7 | 112.4 | 113.5 | 114.7 | 115.9 |
| Structures | 112.0 | 113.3 | 112.2 | 111.9 | 112.6 | 113.7 | 115.0 | 116.2 |
| Single family | 111.7 | 112.7 | 111.7 | 111.0 | 111.9 | 113.3 | 114.7 | 115.9 |
| Multifamily | 111.4 | 112.4 | 111.4 | 110.7 | 111.6 | 112.9 | 114.4 | 115.6 |
| Other structures | 112.8 | 114.4 | 113.0 | 113.5 | 113.9 | 114.6 | 115.5 | 116.7 |
| Producers' durable equipment | 104.2 | 104.9 | 103.6 | 104.4 | 105.0 | 105.2 | 104.9 | 104.5 |
| Addenda: | | | | | | | | |
| Price indexes for fixed investment: | | | | | | | | |
| Chain-type annual weights | 110.2 | 110.9 | 110.3 | 110.4 | 110.7 | 111.1 | 111.4 | 112.0 |
| Benchmark-years weights | 110.0 | 110.8 | 110.1 | 110.2 | 110.5 | 111.0 | 111.4 | 112.0 |

1. Includes new computers and peripheral equipment only.

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

Table 7.9.—Price Indexes for Exports and Imports of Goods and Services and for Receipts and Payments of Factor Income, Fixed 1987 Weights

[Index numbers, 1987=100]

| | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Exports of goods and services | 112.4 | 113.7 | 112.8 | 112.9 | 113.5 | 114.0 | 114.3 | 114.8 |
| Merchandise ¹ | 109.8 | 109.9 | 109.7 | 109.5 | 109.9 | 110.0 | 110.0 | 110.2 |
| Durable | 108.4 | 109.6 | 108.8 | 109.3 | 109.5 | 109.8 | 110.0 | 110.7 |
| Nondurable | 112.1 | 110.0 | 111.1 | 109.7 | 110.4 | 110.4 | 109.7 | 109.9 |
| Services ¹ | 118.9 | 123.0 | 120.3 | 121.2 | 122.3 | 123.7 | 124.8 | 125.8 |
| Receipts of factor income ² | 118.7 | 122.4 | 120.1 | 121.2 | 122.4 | 122.7 | 123.3 | 124.4 |
| Imports of goods and services | 113.7 | 114.6 | 113.9 | 113.0 | 114.4 | 115.9 | 115.2 | 113.8 |
| Merchandise ¹ | 111.2 | 111.9 | 111.3 | 110.1 | 111.4 | 113.1 | 113.0 | 111.5 |
| Durable | 111.4 | 112.7 | 111.7 | 111.7 | 112.2 | 113.5 | 113.5 | 113.8 |
| Nondurable | 110.8 | 110.3 | 110.6 | 106.6 | 110.0 | 112.5 | 112.1 | 108.3 |
| Services ¹ | 125.0 | 126.9 | 125.4 | 126.1 | 127.6 | 128.7 | 125.0 | 124.4 |
| Payments of factor income ³ | 119.6 | 123.5 | 121.0 | 122.2 | 123.4 | 123.8 | 124.5 | 125.6 |
| Addenda: | | | | | | | | |
| Price indexes for exports of goods and services: | | | | | | | | |
| Chain-type annual weights | 112.1 | 113.1 | 112.3 | 112.5 | 113.0 | 113.4 | 113.6 | 114.0 |
| Benchmark-years weights | 111.7 | 112.8 | 111.9 | 112.1 | 112.6 | 113.1 | 113.3 | 113.7 |
| Price indexes for imports of goods and services: | | | | | | | | |
| Chain-type annual weights | 112.6 | 113.0 | 112.4 | 111.6 | 112.8 | 114.2 | 113.5 | 112.1 |
| Benchmark-years weights | 112.1 | 112.8 | 112.1 | 111.2 | 112.5 | 114.0 | 113.3 | 111.9 |

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services.

2. Consists largely of receipts by U.S. residents of interest and dividends and reinvested earnings of foreign affiliates of U.S. corporations.

3. Consists largely of payments to foreign residents of interest and dividends and reinvested earnings of U.S. affiliates of foreign corporations.

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

Table 7.10.—Price Indexes for Exports and Imports of Merchandise by End-Use Category, Fixed 1987 Weights

[Index numbers, 1987=100]

| | 1991 | 1992 | Seasonally adjusted | | | | | |
|--|--------------|--------------|---------------------|--------------|--------------|--------------|--------------|--------------|
| | | | 1991 | 1992 | | | | 1993 |
| | | | | IV | I | II | III | |
| Exports of merchandise | 109.8 | 109.9 | 109.7 | 109.5 | 109.9 | 110.0 | 110.0 | 110.2 |
| Foods, feeds, and beverages | 114.8 | 114.4 | 117.6 | 116.9 | 116.5 | 112.5 | 111.6 | 113.1 |
| Industrial supplies and materials | 111.4 | 108.9 | 108.8 | 107.1 | 108.5 | 110.3 | 109.8 | 109.9 |
| Durable goods | 115.2 | 117.9 | 114.5 | 114.7 | 116.9 | 119.7 | 120.3 | 124.0 |
| Nondurable goods | 109.7 | 104.9 | 106.3 | 103.6 | 104.7 | 106.1 | 105.1 | 103.6 |
| Capital goods, except automotive | 105.4 | 105.8 | 105.9 | 106.0 | 105.8 | 105.7 | 105.7 | 105.6 |
| Civilian aircraft, engines, and parts .. | 117.8 | 120.9 | 119.3 | 120.2 | 120.4 | 121.4 | 121.9 | 122.0 |
| Computers, peripherals, and parts | 69.4 | 60.4 | 65.9 | 64.4 | 62.1 | 58.2 | 56.8 | 55.4 |
| Other | 113.7 | 116.3 | 115.1 | 115.6 | 115.9 | 116.8 | 117.0 | 117.3 |
| Automotive vehicles, engines, and parts .. | 110.5 | 112.6 | 111.3 | 111.9 | 112.4 | 112.7 | 113.4 | 113.6 |
| Consumer goods, except automotive | 113.8 | 118.1 | 114.2 | 117.7 | 117.9 | 118.0 | 118.8 | 119.6 |
| Durable goods | 111.7 | 116.8 | 111.5 | 117.4 | 116.3 | 116.1 | 117.4 | 117.9 |
| Nondurable goods | 115.7 | 119.3 | 116.7 | 117.9 | 119.3 | 119.6 | 120.1 | 121.2 |
| Other | 112.5 | 113.1 | 112.7 | 112.6 | 113.0 | 113.4 | 113.7 | 113.7 |
| Durable goods | 112.5 | 113.2 | 112.7 | 112.6 | 113.0 | 113.4 | 113.7 | 113.8 |
| Nondurable goods | 112.5 | 113.2 | 112.7 | 112.6 | 113.0 | 113.4 | 113.7 | 113.8 |
| Imports of merchandise | 111.2 | 111.9 | 111.3 | 110.1 | 111.4 | 113.1 | 113.0 | 111.5 |
| Foods, feeds, and beverages | 108.4 | 108.0 | 108.7 | 111.6 | 107.0 | 106.6 | 106.8 | 105.4 |
| Industrial supplies and materials, except petroleum and products | 115.3 | 114.7 | 113.2 | 114.0 | 114.8 | 115.3 | 114.8 | 115.2 |
| Durable goods | 115.4 | 116.5 | 113.8 | 115.1 | 117.4 | 117.6 | 115.9 | 118.5 |
| Nondurable goods | 115.3 | 112.8 | 112.6 | 112.9 | 112.0 | 112.8 | 113.7 | 111.8 |
| Petroleum and products | 105.2 | 100.5 | 104.9 | 88.7 | 101.6 | 107.7 | 104.2 | 95.4 |
| Capital goods, except automotive | 107.1 | 106.2 | 106.9 | 106.1 | 105.0 | 107.0 | 106.8 | 105.8 |
| Civilian aircraft, engines, and parts ... | 117.7 | 121.0 | 119.3 | 120.2 | 120.3 | 121.4 | 121.8 | 122.0 |
| Computers, peripherals, and parts | 71.7 | 64.0 | 68.1 | 66.4 | 64.7 | 63.1 | 61.7 | 60.3 |
| Other | 114.2 | 114.6 | 114.7 | 113.9 | 112.8 | 115.8 | 115.8 | 114.7 |
| Automotive vehicles, engines, and parts .. | 112.5 | 115.6 | 113.7 | 114.8 | 114.9 | 115.9 | 116.8 | 116.4 |
| Consumer goods, except automotive | 114.0 | 117.0 | 114.6 | 115.0 | 116.5 | 117.9 | 118.7 | 117.7 |
| Durable goods | 114.0 | 116.3 | 114.7 | 113.7 | 116.3 | 117.4 | 117.7 | 117.8 |
| Nondurable goods | 114.1 | 117.9 | 114.5 | 116.6 | 116.7 | 118.5 | 119.9 | 117.5 |
| Other | 112.8 | 113.8 | 112.7 | 112.9 | 113.1 | 114.5 | 115.0 | 114.1 |
| Durable goods | 112.8 | 113.9 | 112.7 | 112.9 | 113.1 | 114.5 | 115.0 | 114.1 |
| Nondurable goods | 112.8 | 113.9 | 112.7 | 112.9 | 113.1 | 114.5 | 115.0 | 114.1 |
| Addenda: | | | | | | | | |
| Exports of agricultural products ¹ | 113.0 | 110.3 | 113.3 | 111.9 | 111.3 | 109.3 | 108.8 | 110.1 |
| Exports of nonagricultural products | 109.4 | 109.8 | 109.2 | 109.2 | 109.7 | 110.1 | 110.1 | 110.2 |
| Imports of nonpetroleum products | 111.9 | 113.0 | 111.9 | 112.4 | 112.4 | 113.5 | 113.8 | 113.2 |

1. Includes parts of line 2, 5, and line 13.

Table 7.11.—Price Indexes for Government Purchases by Type, Fixed 1987 Weights

[Index numbers, 1987=100]

| | 1991 | 1992 | Seasonally adjusted | | | | | |
|---|--------------|--------------|---------------------|--------------|--------------|--------------|--------------|--------------|
| | | | 1991 | 1992 | | | | 1993 |
| | | | | IV | I | II | III |  | IV | I |
| Government purchases | 116.5 | 119.8 | 117.6 | 118.5 | 119.5 | 120.2 | 121.2 | 122.5 |
| Federal | 116.5 | 121.3 | 118.1 | 119.8 | 120.6 | 121.7 | 123.0 | 125.3 |
| National defense | 116.5 | 121.7 | 118.3 | 120.0 | 120.9 | 122.1 | 123.6 | 126.0 |
| Durable goods | 111.4 | 114.0 | 112.6 | 112.5 | 113.0 | 113.8 | 116.7 | 118.0 |
| Nondurable goods | 121.3 | 115.9 | 120.2 | 111.7 | 115.3 | 119.9 | 116.9 | 114.1 |
| Services | 118.5 | 125.8 | 121.1 | 124.2 | 125.1 | 126.4 | 127.4 | 130.7 |
| Compensation of employees | 122.0 | 132.3 | 125.0 | 130.6 | 131.8 | 132.8 | 134.0 | 139.6 |
| Military | 121.4 | 133.1 | 125.2 | 131.0 | 132.6 | 133.7 | 135.1 | 140.9 |
| Civilian | 123.3 | 130.6 | 124.6 | 129.6 | 130.1 | 130.7 | 132.0 | 137.0 |
| Other services | 113.6 | 116.5 | 115.5 | 115.2 | 115.7 | 117.3 | 118.0 | 117.9 |
| Structures | 117.8 | 118.6 | 116.0 | 116.1 | 118.2 | 119.5 | 120.6 | 121.2 |
| Nondefense | 116.6 | 120.2 | 117.3 | 119.4 | 119.8 | 120.4 | 121.1 | 123.4 |
| Durable goods | 106.5 | 102.1 | 105.5 | 102.9 | 103.5 | 103.6 | 98.2 | 93.5 |
| Nondurable goods | | | | | | | | |
| Commodity Credit Corporation inventory change | | | | | | | | |
| Other nondurables | 108.9 | 113.6 | 112.8 | 113.2 | 114.5 | 114.0 | 112.5 | 114.1 |
| Services | 119.4 | 124.4 | 120.8 | 123.8 | 124.0 | 124.4 | 125.4 | 128.1 |
| Compensation of employees | 122.4 | 129.3 | 123.4 | 128.4 | 128.7 | 129.4 | 130.6 | 135.2 |
| Other services | 115.2 | 117.5 | 117.2 | 117.3 | 117.4 | 117.5 | 118.1 | 118.2 |
| Structures | 113.3 | 113.8 | 113.4 | 112.7 | 113.5 | 113.9 | 114.9 | 115.3 |
| State and local | 116.4 | 118.7 | 117.2 | 117.4 | 118.5 | 119.0 | 119.8 | 120.3 |
| Durable goods | 111.2 | 113.1 | 111.9 | 112.4 | 113.2 | 113.5 | 113.5 | 114.4 |
| Nondurable goods | 115.1 | 115.3 | 114.4 | 113.3 | 115.9 | 116.7 | 115.3 | 116.2 |
| Services | 118.1 | 121.3 | 119.4 | 120.2 | 121.2 | 121.5 | 122.4 | 123.1 |
| Compensation of employees | 122.0 | 126.4 | 123.7 | 124.8 | 126.3 | 126.6 | 127.8 | 128.8 |
| Other services | 76.5 | 66.2 | 72.1 | 70.0 | 66.0 | 65.2 | 63.5 | 60.3 |
| Structures | 110.5 | 109.2 | 109.5 | 107.4 | 108.6 | 109.6 | 111.4 | 111.2 |
| Addenda: | | | | | | | | |
| Price indexes for government purchases: | | | | | | | | |
| Chain-type annual weights | 116.1 | 119.2 | 117.1 | 118.0 | 118.9 | 119.5 | 120.4 | 121.7 |
| Benchmark-years weights | 116.2 | 119.4 | 117.2 | 118.1 | 119.1 | 119.7 | 120.6 | 122.0 |
| Price indexes for Federal national defense purchases: | | | | | | | | |
| Chain-type annual weights | 115.7 | 120.4 | 117.3 | 119.0 | 119.8 | 120.9 | 121.8 | 124.3 |
| Benchmark-years weights | 115.5 | 120.4 | 117.2 | 118.8 | 119.7 | 120.8 | 122.0 | 124.5 |
| Price indexes for Federal nondefense purchases: | | | | | | | | |
| Chain-type annual weights | 115.5 | 119.0 | 116.3 | 118.5 | 118.8 | 119.1 | 119.7 | 122.1 |
| Benchmark-years weights | 116.8 | 120.3 | 117.5 | 119.6 | 120.0 | 120.5 | 121.1 | 123.4 |
| Price indexes for State and local purchases: | | | | | | | | |
| Chain-type annual weights | 116.4 | 118.7 | 117.2 | 117.4 | 118.6 | 119.0 | 119.8 | 120.3 |
| Benchmark-years weights | 116.4 | 118.6 | 117.1 | 117.4 | 118.5 | 118.9 | 119.7 | 120.3 |

Table 7.12.—Price Indexes for National Defense Purchases, Fixed 1987 Weights

[Index numbers, 1987=100]

| | 1991 | 1992 | Seasonally adjusted | | | | | |
|---|--------------|--------------|---------------------|--------------|--------------|--------------|--------------|--------------|
| | | | 1991 | | 1992 | | | 1993 |
| | | | IV | I | II | III | IV | I |
| National defense purchases | 116.5 | 121.7 | 118.3 | 120.0 | 120.9 | 122.1 | 123.6 | 126.0 |
| Durable goods | 111.4 | 114.0 | 112.6 | 112.5 | 113.0 | 113.8 | 116.7 | 118.0 |
| Military equipment | 111.9 | 114.8 | 113.2 | 113.1 | 113.7 | 114.6 | 117.8 | 119.2 |
| Aircraft | 113.8 | 119.2 | 116.6 | 116.3 | 117.0 | 118.5 | 125.2 | 126.7 |
| Missiles | 101.4 | 98.5 | 99.2 | 99.1 | 98.5 | 98.8 | 97.7 | 100.4 |
| Ships | 117.2 | 119.0 | 118.5 | 118.3 | 118.6 | 119.3 | 119.8 | 120.5 |
| Vehicles | 115.0 | 121.0 | 118.9 | 119.3 | 119.5 | 121.1 | 124.0 | 125.5 |
| Electronic equipment | 107.2 | 109.1 | 107.8 | 108.0 | 109.6 | 109.4 | 109.5 | 109.6 |
| Other | 115.5 | 117.0 | 115.3 | 115.1 | 117.3 | 117.3 | 118.3 | 118.3 |
| Other durable goods | 107.1 | 105.6 | 105.7 | 106.1 | 105.8 | 105.4 | 105.2 | 105.4 |
| Nondurable goods | 121.3 | 115.9 | 120.2 | 111.7 | 115.3 | 119.9 | 116.9 | 114.1 |
| Petroleum products | 132.7 | 119.5 | 130.2 | 107.5 | 117.0 | 129.7 | 123.7 | 110.7 |
| Ammunition | 109.6 | 109.1 | 108.6 | 108.3 | 109.6 | 110.7 | 108.0 | 114.2 |
| Other nondurable goods | 120.1 | 118.8 | 120.6 | 119.7 | 119.2 | 118.2 | 118.1 | 118.2 |
| Services | 118.5 | 125.8 | 121.1 | 124.2 | 125.1 | 126.4 | 127.4 | 130.7 |
| Compensation of employees | 122.0 | 132.3 | 125.0 | 130.6 | 131.8 | 132.8 | 134.0 | 139.6 |
| Military | 121.4 | 133.1 | 125.2 | 131.0 | 132.6 | 133.7 | 135.1 | 140.9 |
| Civilian | 123.3 | 130.6 | 124.6 | 129.6 | 130.1 | 130.7 | 132.0 | 137.0 |
| Other services | 113.6 | 116.5 | 115.5 | 115.2 | 115.7 | 117.3 | 118.0 | 117.9 |
| Contractual research and development | 108.8 | 111.8 | 110.1 | 109.9 | 111.7 | 112.3 | 113.4 | 113.8 |
| Installation support ¹ | 113.6 | 114.6 | 115.0 | 113.7 | 113.8 | 115.5 | 115.4 | 114.7 |
| Weapons support ² | 115.6 | 120.4 | 118.4 | 118.0 | 119.7 | 121.1 | 122.6 | 122.9 |
| Personnel support ³ | 126.5 | 134.1 | 130.8 | 132.2 | 131.8 | 136.3 | 136.1 | 134.3 |
| Transportation of material | 102.6 | 101.6 | 105.5 | 103.6 | 101.5 | 100.8 | 100.7 | 101.1 |
| Travel of persons | 112.4 | 111.6 | 111.3 | 112.3 | 108.8 | 110.5 | 114.7 | 119.4 |
| Other | | | | | | | | |
| Structures | 117.8 | 118.6 | 116.0 | 116.1 | 118.2 | 119.5 | 120.6 | 121.2 |
| Military facilities | 109.5 | 113.3 | 108.0 | 111.4 | 113.2 | 114.2 | 114.6 | 115.0 |
| Other | 133.1 | 128.3 | 130.6 | 124.7 | 127.4 | 129.3 | 131.8 | 132.7 |
| Addenda: | | | | | | | | |
| Price indexes for national defense purchases: | | | | | | | | |
| Chain-type annual weights | 115.7 | 120.4 | 117.3 | 119.0 | 119.8 | 120.9 | 121.8 | 124.3 |
| Benchmark-years weights | 115.5 | 120.4 | 117.2 | 118.8 | 119.7 | 120.8 | 122.0 | 124.5 |

1. Includes utilities, communications, rental payments, maintenance and repair, and payments to contractors to operate installations.

2. Includes depot maintenance and contractual services for weapons systems, other than research and development.

3. Includes compensation of foreign personnel, consulting, training, and education.

Table 7.13.—Implicit Price Deflators for the Relation of Gross Domestic Product, Gross National Product, Net National Product, and National Income

[Index numbers, 1987=100]

| | | | | | | | | |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Gross domestic product | 117.8 | 120.9 | 118.9 | 119.8 | 120.6 | 121.2 | 121.9 | 122.9 |
| Plus: Receipts of factor income from the rest of the world ¹ | 118.7 | 122.3 | 120.1 | 121.2 | 122.0 | 122.7 | 123.3 | 124.4 |
| Less: Payments of factor income to the rest of the world ² | 119.5 | 123.5 | 121.1 | 122.3 | 123.1 | 124.0 | 124.7 | 125.9 |
| Equals: Gross national product | 117.8 | 120.9 | 118.9 | 119.8 | 120.6 | 121.2 | 121.8 | 122.9 |
| Less: Consumption of fixed capital | 110.0 | 110.5 | 110.0 | 109.5 | 110.4 | 111.0 | 111.0 | 111.5 |
| Equals: Net national product | 118.8 | 122.3 | 120.1 | 121.2 | 122.0 | 122.6 | 123.3 | 124.4 |
| Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises | 128.4 | 132.4 | 130.7 | 131.2 | 131.1 | 134.1 | 133.3 | 132.2 |
| Statistical discrepancy | 117.1 | 119.8 | 118.0 | 118.8 | 119.5 | 120.1 | 120.7 | 121.5 |
| Equals: National income | 117.8 | 121.3 | 119.0 | 120.2 | 121.1 | 121.5 | 122.3 | 123.6 |
| Addenda: | | | | | | | | |
| Net domestic product | 118.8 | 122.3 | 120.1 | 121.2 | 122.0 | 122.7 | 123.3 | 124.4 |
| Domestic income | 117.8 | 121.3 | 119.1 | 120.2 | 121.1 | 121.5 | 122.3 | 123.7 |

1. Consists largely of receipts by U.S. residents of interest and dividends and reinvested earnings of foreign affiliates of U.S. corporations.

2. Consists largely of payments to foreign residents of interest and dividends and reinvested earnings of U.S. affiliates of foreign corporations.

Table 7.14.—Implicit Price Deflators for Gross Domestic Product by Sector

[Index numbers, 1987=100]

| | 1991 | 1992 | Seasonally adjusted | | | | | |
|--|--------------|--------------|---------------------|--------------|--------------|--------------|--------------|--------------|
| | | | 1991 | | 1992 | | | 1993 |
| | | | IV | I | II | III | IV | I |
| Gross domestic product | 117.8 | 120.9 | 118.9 | 119.8 | 120.6 | 121.2 | 121.9 | 122.9 |
| Business | 117.1 | 119.8 | 118.0 | 118.8 | 119.5 | 120.1 | 120.7 | 121.5 |
| Nonfarm | 117.1 | 119.9 | 118.2 | 118.9 | 119.7 | 120.2 | 120.8 | 121.6 |
| Nonfarm less housing | 116.8 | 119.3 | 117.8 | 118.6 | 119.3 | 119.0 | 120.3 | 121.1 |
| Housing | 119.8 | 125.4 | 122.0 | 122.2 | 123.0 | 131.7 | 124.8 | 127.0 |
| Farm | 114.0 | 111.8 | 106.9 | 110.8 | 110.5 | 111.4 | 114.5 | 116.3 |
| Statistical discrepancy | 117.1 | 119.8 | 118.0 | 118.8 | 119.5 | 120.1 | 120.7 | 121.5 |
| Households and institutions | 121.6 | 126.6 | 123.8 | 125.0 | 126.5 | 126.8 | 128.1 | 129.6 |
| Private households | 111.4 | 115.7 | 113.2 | 113.9 | 114.9 | 116.4 | 117.4 | 117.9 |
| Nonprofit institutions | 122.0 | 127.1 | 124.2 | 125.4 | 127.0 | 127.2 | 128.6 | 130.0 |
| General government | 121.9 | 127.8 | 123.9 | 126.3 | 127.6 | 128.1 | 129.3 | 131.5 |
| Federal | 122.2 | 131.4 | 124.6 | 129.9 | 130.8 | 131.7 | 133.0 | 138.2 |
| State and local | 121.8 | 126.3 | 123.6 | 124.7 | 126.2 | 126.6 | 127.7 | 128.7 |
| Addendum: | | | | | | | | |
| Gross domestic business product less housing | 116.8 | | | | | | | |

Table 7.15.—Current-Dollar Cost and Profit Per Unit of Constant-Dollar Gross Domestic Product of Nonfinancial Corporate Business

[Dollars]

| | | | | | | | | |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Current-dollar cost and profit per unit of constant-dollar gross domestic product¹ .. | 1.139 | 1.151 | 1.143 | 1.146 | 1.151 | 1.152 | 1.155 | 1.163 |
| Consumption of fixed capital | .126 | .126 | .126 | .125 | .126 | .130 | .124 | .125 |
| Net domestic product | 1.013 | 1.025 | 1.017 | 1.021 | 1.026 | 1.022 | 1.032 | 1.038 |
| Indirect business tax and nontax liability plus business transfer payments less subsidies | .115 | .118 | .117 | .118 | .117 | .118 | .119 | .120 |
| Domestic income | .898 | .907 | .900 | .903 | .908 | .903 | .913 | .918 |
| Compensation of employees | .759 | .757 | .761 | .760 | .759 | .757 | .753 | .763 |
| Corporate profits with inventory valuation and capital consumption adjustments | .085 | .102 | .086 | .093 | .100 | .100 | .113 | .109 |
| Profits tax liability | .030 | .036 | .030 | .033 | .037 | .035 | .038 | .037 |
| Profits after tax with inventory valuation and capital consumption adjustments | .055 | .066 | .056 | .060 | .064 | .065 | .075 | .071 |
| Net interest | .053 | .048 | .052 | .050 | .049 | .047 | .046 | .046 |

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

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

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | | |
|--|------|------|-------------------------------------|------|------|-----|------|------|------|
| | | | 1991 | | 1992 | | | | 1993 |
| | | | IV | I | II | III | IV | I | |
| Nondefense: | | | | | | | | | |
| Current dollars | 10.0 | 7.9 | 2.6 | 17.9 | 5.3 | 8.0 | -6.6 | 10.9 | |
| Quantity indexes: | | | | | | | | | |
| Fixed 1987 weights | 5.2 | 4.8 | 2.3 | 9.7 | 3.3 | 5.5 | -7.6 | 5.2 | |
| Chain-type annual weights | 5.2 | 4.5 | 1.0 | 8.8 | 4.4 | 6.4 | -7.8 | 3.8 | |
| Benchmark-years weights | 5.1 | 4.7 | 1.6 | 9.2 | 3.9 | 6.0 | -7.7 | 4.4 | |
| Price indexes: | | | | | | | | | |
| Fixed 1987 weights | 4.9 | 3.1 | .5 | 7.3 | 1.5 | 2.1 | 2.2 | 7.7 | |
| Chain-type annual weights | 4.6 | 3.0 | 1.2 | 7.5 | 1.3 | 1.1 | 1.9 | 8.1 | |
| Benchmark-years weights | 4.6 | 3.0 | .6 | 7.4 | 1.4 | 1.6 | 2.0 | 7.9 | |
| State and local: | | | | | | | | | |
| Current dollars | 4.3 | 3.5 | 2.2 | 5.3 | 3.9 | 2.9 | 1.6 | 1.9 | |
| Quantity indexes: | | | | | | | | | |
| Fixed 1987 weights | 1.2 | 1.7 | 1.4 | 5.1 | -2 | 1.4 | -1.1 | .2 | |
| Chain-type annual weights | 1.1 | 1.6 | 1.3 | 4.7 | -1 | 1.4 | -1.1 | .1 | |
| Benchmark-years weights | 1.1 | 1.7 | 1.3 | 4.9 | -2 | 1.4 | -1.1 | .2 | |
| Price indexes: | | | | | | | | | |
| Fixed 1987 weights | 3.1 | 1.9 | .9 | .8 | 4.0 | 1.4 | 2.8 | 1.8 | |
| Chain-type annual weights | 3.1 | 1.9 | .9 | .8 | 4.0 | 1.4 | 2.7 | 1.9 | |
| Benchmark-years weights | 3.1 | 1.9 | .9 | .8 | 4.0 | 1.4 | 2.7 | 1.9 | |
| Addenda: | | | | | | | | | |
| Final sales of domestic product: | | | | | | | | | |
| Current dollars | 3.1 | 4.5 | 2.2 | 8.0 | 2.6 | 4.8 | 7.4 | 2.5 | |
| Quantity indexes: | | | | | | | | | |
| Fixed 1987 weights | -8 | 1.8 | 0 | 4.7 | -1 | 2.8 | 5.2 | -1.2 | |
| Chain-type annual weights | -8 | 1.6 | -1 | 4.4 | -1 | 2.6 | 4.7 | -1.5 | |
| Benchmark-years weights | -9 | 1.7 | -1 | 4.5 | -1 | 2.7 | 4.9 | -1.3 | |
| Price indexes: | | | | | | | | | |
| Fixed 1987 weights | 4.0 | 2.9 | 2.4 | 3.4 | 2.9 | 2.2 | 3.4 | 4.2 | |
| Chain-type annual weights | 4.0 | 2.8 | 2.3 | 3.5 | 2.8 | 1.9 | 3.1 | 4.2 | |
| Benchmark-years weights | 4.0 | 2.9 | 2.4 | 3.4 | 2.8 | 2.0 | 3.2 | 4.2 | |
| Gross domestic purchases: | | | | | | | | | |
| Current dollars | 1.9 | 4.9 | 2.0 | 5.6 | 6.4 | 5.2 | 7.4 | 5.1 | |
| Quantity indexes: | | | | | | | | | |
| Fixed 1987 weights | -1.8 | 2.5 | -4 | 3.0 | 3.4 | 4.1 | 4.4 | 2.7 | |
| Chain-type annual weights | -1.8 | 2.2 | -4 | 2.6 | 3.2 | 3.6 | 4.0 | 2.1 | |
| Benchmark-years weights | -1.8 | 2.4 | -4 | 2.8 | 3.3 | 3.9 | 4.2 | 2.4 | |
| Price indexes: | | | | | | | | | |
| Fixed 1987 weights | 3.8 | 2.8 | 2.6 | 2.9 | 3.2 | 2.5 | 2.9 | 3.5 | |
| Chain-type annual weights | 3.8 | 2.8 | 2.5 | 3.0 | 3.1 | 2.3 | 2.7 | 3.5 | |
| Benchmark-years weights | 3.8 | 2.8 | 2.5 | 3.0 | 3.1 | 2.4 | 2.8 | 3.5 | |
| Final sales to domestic purchasers: | | | | | | | | | |
| Current dollars | 2.2 | 4.7 | 1.4 | 7.4 | 4.7 | 4.7 | 7.7 | 3.2 | |
| Quantity indexes: | | | | | | | | | |
| Fixed 1987 weights | -1.4 | 2.2 | -9 | 4.7 | 1.7 | 3.5 | 4.8 | .5 | |
| Chain-type annual weights | -1.5 | 2.0 | -1.0 | 4.3 | 1.6 | 3.1 | 4.4 | .1 | |
| Benchmark-years weights | -1.5 | 2.1 | -1.0 | 4.5 | 1.6 | 3.3 | 4.6 | .3 | |
| Price indexes: | | | | | | | | | |
| Fixed 1987 weights | 3.8 | 2.8 | 2.6 | 3.0 | 3.2 | 2.5 | 2.9 | 3.5 | |
| Chain-type annual weights | 3.8 | 2.8 | 2.5 | 3.0 | 3.1 | 2.3 | 2.7 | 3.5 | |
| Benchmark-years weights | 3.8 | 2.8 | 2.5 | 3.0 | 3.1 | 2.4 | 2.8 | 3.5 | |
| Gross national product: | | | | | | | | | |
| Current dollars | 2.7 | 4.7 | 2.7 | 6.8 | 3.4 | 5.7 | 6.5 | 5.5 | |
| Quantity indexes: | | | | | | | | | |
| Fixed 1987 weights | -1.2 | 2.0 | .4 | 3.6 | .7 | 3.9 | 4.1 | 1.9 | |
| Chain-type annual weights | -1.2 | 1.8 | .3 | 3.2 | .6 | 3.6 | 3.7 | 1.5 | |
| Benchmark-years weights | -1.2 | 1.9 | .3 | 3.4 | .7 | 3.7 | 3.9 | 1.7 | |
| Price indexes: | | | | | | | | | |
| Fixed 1987 weights | 4.0 | 2.9 | 2.4 | 3.4 | 2.9 | 2.1 | 3.4 | 4.2 | |
| Chain-type annual weights | 4.0 | 2.8 | 2.4 | 3.5 | 2.8 | 1.9 | 3.1 | 4.2 | |
| Benchmark-years weights | 4.0 | 2.9 | 2.4 | 3.4 | 2.8 | 2.0 | 3.2 | 4.2 | |
| Command-basis gross national product: | | | | | | | | | |
| Quantity index, fixed 1987 weights .. | -1.0 | 2.2 | .3 | 4.3 | .3 | 4.7 | 3.4 | 3.0 | |
| Disposable personal income: | | | | | | | | | |
| Current dollars | 4.1 | 5.3 | 5.5 | 7.3 | 4.8 | 2.0 | 7.8 | 5.8 | |
| 1987 dollars | -2 | 2.2 | 2.2 | 4.0 | 1.2 | .5 | 4.3 | 2.7 | |

NOTE.—Except for disposable personal income, the quantity and price indexes in this table are calculated from weighted averages of the detailed output and prices used to prepare each aggregate and component. The fixed-weighted measures use as weights the composition of output in 1987. For the alternative indexes, the chain-type indexes with annual weights use weights for the preceding and current years, and the indexes with benchmark-years weights use weights of 1959, 1963, 1967, 1972, 1977, 1982, and 1987 and the most recent year.

Table 8.2.—Selected Per Capita Product and Income Series in Current and Constant Dollars and Population of the United States
[Dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | | |
|--|---------|---------|-------------------------------------|---------|---------|---------|---------|---------|------|
| | | | 1991 | | 1992 | | | | 1993 |
| | | | IV | I | II | III | IV | I | |
| Current dollars: | | | | | | | | | |
| Gross domestic product | 22,466 | 23,296 | 22,671 | 22,958 | 23,141 | 23,373 | 23,709 | 23,909 | |
| Gross national product | 22,535 | 23,340 | 22,713 | 23,035 | 23,169 | 23,426 | 23,729 | 23,987 | |
| Personal income | 19,106 | 19,802 | 19,337 | 19,578 | 19,717 | 19,790 | 20,119 | 20,369 | |
| Disposable personal income | 16,658 | 17,346 | 16,885 | 17,143 | 17,297 | 17,332 | 17,610 | 17,817 | |
| Personal consumption expenditures .. | 15,384 | 16,035 | 15,537 | 15,814 | 15,907 | 16,063 | 16,353 | 16,484 | |
| Durable goods | 1,765 | 1,881 | 1,775 | 1,845 | 1,845 | 1,887 | 1,946 | 1,947 | |
| Nondurable goods | 4,952 | 5,053 | 4,931 | 5,008 | 5,009 | 5,054 | 5,140 | 5,140 | |
| Services | 8,666 | 9,101 | 8,831 | 8,960 | 9,053 | 9,122 | 9,267 | 9,397 | |
| Constant (1987) dollars: | | | | | | | | | |
| Gross domestic product | 19,077 | 19,272 | 19,066 | 19,159 | 19,182 | 19,288 | 19,456 | 19,454 | |
| Gross national product | 19,138 | 19,311 | 19,104 | 19,225 | 19,208 | 19,335 | 19,476 | 19,521 | |
| Disposable personal income | 13,886 | 14,035 | 13,913 | 14,017 | 14,021 | 13,998 | 14,105 | 14,165 | |
| Personal consumption expenditures .. | 12,824 | 12,974 | 12,803 | 12,930 | 12,893 | 12,973 | 13,098 | 13,105 | |
| Durable goods | 1,641 | 1,719 | 1,639 | 1,700 | 1,686 | 1,719 | 1,771 | 1,770 | |
| Nondurable goods | 4,125 | 4,127 | 4,081 | 4,126 | 4,099 | 4,113 | 4,169 | 4,134 | |
| Services | 7,058 | 7,128 | 7,082 | 7,104 | 7,108 | 7,141 | 7,158 | 7,201 | |
| Population (mid-period, thousands) | 252,711 | 255,435 | 253,776 | 254,388 | 255,054 | 255,786 | 256,513 | 257,140 | |

Table 8.3.—Auto Output

[Billions of dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | |
|---|-------|-------|-------------------------------------|-------|-------|-------|-------|-------|
| | | | 1991 | | 1992 | | | 1993 |
| | | | IV | I | II | III | IV | I |
| Auto output | 119.7 | 132.8 | 122.3 | 125.1 | 135.0 | 135.0 | 136.0 | 139.9 |
| Final sales | 119.7 | 130.8 | 120.8 | 129.9 | 130.3 | 129.3 | 133.6 | 129.0 |
| Personal consumption expenditures .. | 115.3 | 123.8 | 117.5 | 124.4 | 122.0 | 121.4 | 127.7 | 128.4 |
| New autos | 79.5 | 85.4 | 82.7 | 87.6 | 83.1 | 82.3 | 88.6 | 86.8 |
| Net purchases of used autos | 35.8 | 38.5 | 34.8 | 36.7 | 38.9 | 39.1 | 39.1 | 41.6 |
| Producers' durable equipment | 36.6 | 36.9 | 35.7 | 36.0 | 38.7 | 36.2 | 36.7 | 33.5 |
| New autos | 59.8 | 61.7 | 58.1 | 57.6 | 65.2 | 61.8 | 62.4 | 58.2 |
| Net purchases of used autos | -23.3 | -24.8 | -22.4 | -21.6 | -26.5 | -25.6 | -25.7 | -24.7 |
| Net exports | -33.9 | -31.5 | -33.8 | -32.0 | -29.9 | -32.1 | -34.5 | |
| Exports | 11.7 | 14.6 | 11.7 | 12.4 | 13.4 | 16.5 | 16.1 | 14.7 |
| Imports | 45.6 | 46.1 | 45.5 | 44.4 | 45.4 | 46.4 | 48.2 | 49.3 |
| Government purchases | 1.7 | 1.5 | 1.3 | 1.5 | 1.7 | 1.6 | 1.3 | 1.5 |
| Change in business inventories of new and used autos | 0 | 2.0 | 1.5 | -4.8 | 4.7 | 5.8 | 2.5 | 10.9 |
| New | -3 | 1.4 | 7 | -3.1 | 2.9 | 4.7 | 9 | 11.3 |
| Used | .4 | .7 | .8 | -1.7 | 1.8 | 1.0 | 1.5 | -4 |
| Addenda: | | | | | | | | |
| Domestic output of new autos ¹ | 94.7 | 104.5 | 98.0 | 98.5 | 104.8 | 105.5 | 109.0 | 114.9 |
| Sales of imported new autos ² | 56.2 | 58.6 | 54.5 | 56.8 | 61.1 | 57.9 | 58.8 | 55.3 |

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

Table 8.5.—Truck Output

[Billions of dollars]

| | 67.9 | 83.9 | 72.9 | 78.0 | 81.7 | 81.2 | 94.9 | 100.9 |
|---|------|------|------|------|------|------|------|-------|
| Truck output ¹ | 67.9 | 83.9 | 72.9 | 78.0 | 81.7 | 81.2 | 94.9 | 100.9 |
| Final sales | 69.4 | 82.7 | 71.1 | 71.1 | 84.4 | 82.3 | 93.2 | 91.3 |
| Personal consumption expenditures .. | 36.2 | 43.6 | 38.6 | 37.9 | 43.2 | 44.6 | 48.6 | 48.1 |
| Producers' durable equipment | 30.9 | 37.7 | 33.8 | 34.0 | 37.1 | 37.6 | 41.9 | 44.7 |
| Net exports | -3.8 | -5.1 | -5.4 | -6.5 | -4.3 | -5.0 | -4.6 | -6.4 |
| Exports | 5.4 | 5.6 | 5.3 | 4.6 | 6.2 | 5.3 | 6.2 | 5.2 |
| Imports | 9.2 | 10.7 | 10.7 | 11.1 | 10.5 | 10.3 | 10.8 | 11.6 |
| Government purchases | 6.0 | 6.6 | 4.1 | 5.6 | 8.4 | 5.0 | 7.4 | 4.9 |
| Change in business inventories | -1.5 | 1.2 | 1.8 | 6.9 | -2.7 | -1.1 | 1.7 | 9.7 |

1. Includes new trucks only.

Table 8.4.—Auto Output in Constant Dollars

[Billions of 1987 dollars]

| | 1991 | 1992 | Seasonally adjusted at annual rates | | | | | |
|---|-------|-------|-------------------------------------|-------|-------|-------|-------|-------|
| | | | 1991 | | 1992 | | | 1993 |
| | | | IV | I | II | III | IV | I |
| Auto output | 109.3 | 117.1 | 109.4 | 111.2 | 121.4 | 118.6 | 117.3 | 118.7 |
| Final sales | 109.2 | 115.5 | 109.1 | 117.7 | 115.6 | 112.7 | 116.2 | 111.7 |
| Personal consumption expenditures .. | 107.6 | 111.7 | 108.3 | 115.0 | 110.8 | 108.4 | 112.6 | 112.5 |
| New autos | 72.6 | 76.1 | 75.0 | 79.2 | 74.3 | 73.0 | 78.2 | 76.3 |
| Net purchases of used autos | 35.0 | 35.5 | 33.3 | 35.8 | 36.6 | 35.4 | 34.4 | 36.2 |
| Producers' durable equipment | 32.4 | 32.2 | 31.4 | 31.2 | 33.5 | 31.7 | 32.5 | 29.7 |
| New autos | 54.7 | 55.0 | 52.7 | 52.0 | 58.3 | 54.8 | 55.1 | 51.2 |
| Net purchases of used autos | -22.3 | -22.8 | -21.3 | -20.8 | -24.8 | -23.1 | -22.6 | -21.5 |
| Net exports | -32.2 | -29.7 | -31.7 | -29.7 | -30.2 | -28.8 | -30.0 | -31.7 |
| Exports | 10.6 | 13.0 | 10.6 | 11.2 | 11.9 | 14.6 | 14.3 | 13.0 |
| Imports | 42.8 | 42.7 | 42.3 | 40.8 | 42.1 | 43.4 | 44.3 | 44.7 |
| Government purchases | 1.5 | 1.3 | 1.2 | 1.3 | 1.4 | 1.3 | 1.1 | 1.2 |
| Change in business inventories of new and used autos | .1 | 1.6 | .3 | -6.6 | 5.8 | 6.0 | 1.1 | 6.9 |
| New | -5 | 1.0 | -7 | -4.9 | 4.1 | 5.1 | -2 | 7.3 |
| Used | .6 | .6 | 1.1 | -1.7 | 1.7 | .9 | 1.3 | -4 |
| Addenda: | | | | | | | | |
| Domestic output of new autos ¹ | 86.4 | 92.9 | 88.0 | 87.1 | 94.8 | 94.4 | 95.6 | 98.9 |
| Sales of imported new autos ² | 51.4 | 52.3 | 49.4 | 51.3 | 54.6 | 51.4 | 51.9 | 48.6 |

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

Table 8.6.—Truck Output in Constant Dollars

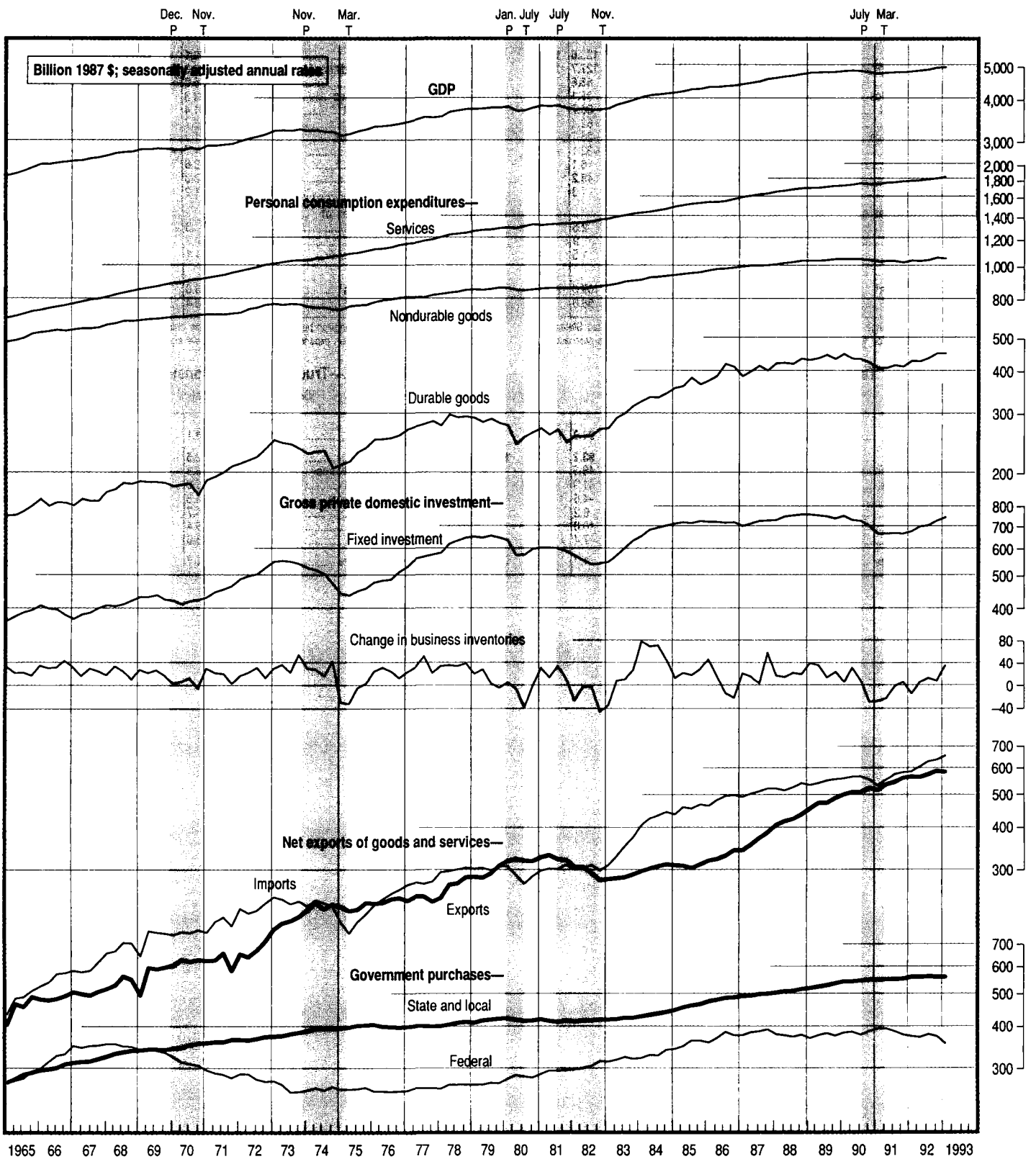
[Billions of 1987 dollars]

| | 60.4 | 72.0 | 64.1 | 68.1 | 70.2 | 69.2 | 80.7 | 84.5 |
|---|------|------|------|------|------|------|------|------|
| Truck output ¹ | 60.4 | 72.0 | 64.1 | 68.1 | 70.2 | 69.2 | 80.7 | 84.5 |
| Final sales | 61.7 | 71.0 | 62.5 | 62.0 | 72.4 | 70.1 | 79.3 | 76.6 |
| Personal consumption expenditures .. | 32.0 | 37.3 | 33.8 | 33.0 | 37.0 | 38.0 | 41.3 | 40.6 |
| Producers' durable equipment | 27.7 | 32.3 | 29.8 | 29.7 | 31.9 | 32.1 | 35.6 | 37.4 |
| Net exports | -3.3 | -4.4 | -4.8 | -5.7 | -3.7 | -4.2 | -3.9 | -5.4 |
| Exports | 4.8 | 4.8 | 4.7 | 4.0 | 5.3 | 4.6 | 5.3 | 4.4 |
| Imports | 8.2 | 9.2 | 9.4 | 9.7 | 9.0 | 8.8 | 9.2 | 9.8 |
| Government purchases | 5.4 | 5.7 | 3.6 | 4.9 | 7.2 | 4.3 | 6.3 | 4.1 |
| Change in business inventories | -1.3 | 1.1 | 1.7 | 6.1 | -2.3 | -9 | 1.4 | 8.0 |

1. Includes new trucks only.

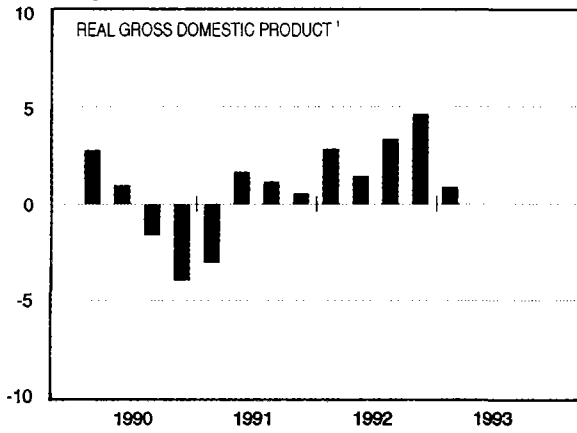
NIPA Charts

REAL GDP AND ITS COMPONENTS: TRENDS AND CYCLES

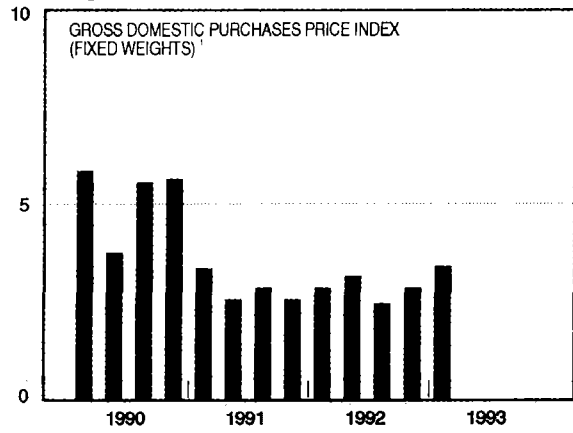


SELECTED SERIES: RECENT QUARTERS

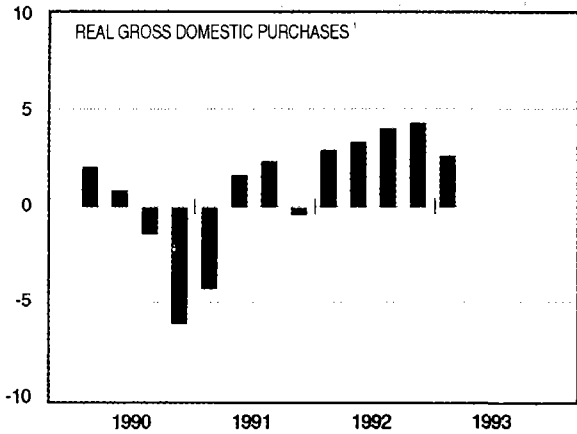
Percent change



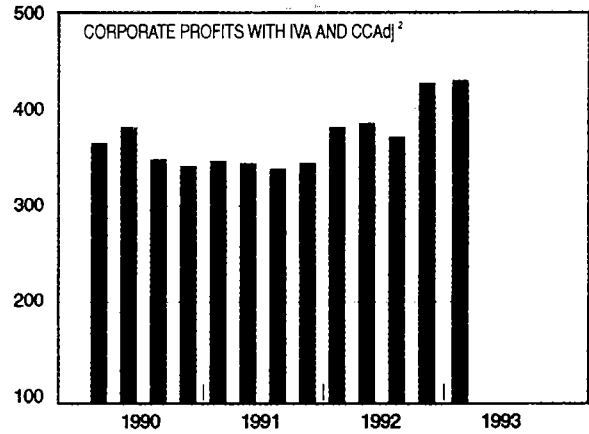
Percent change



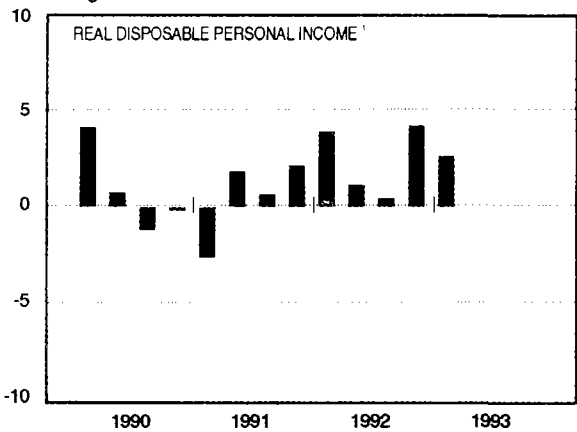
Percent change



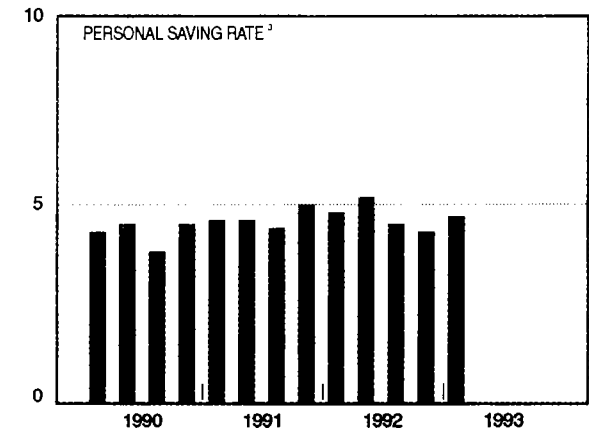
Billion \$



Percent change



Percent



1. Percent change at annual rate from preceding quarter; based on seasonally adjusted estimates.
 2. Seasonally adjusted annual rate; IVA is inventory valuation adjustment, and CCAdj is capital consumption adjustment.
 3. Personal saving as percentage of disposable personal income; based on seasonally adjusted estimates.

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

Reconciliation and Other Special Tables

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

| | 1990 | 1991 | 1992 | Seasonally adjusted at annual rates | | | |
|--|------|------|------|-------------------------------------|-----|-----------------|----------------|
| | | | | 1992 | | | 1993 |
| | | | | II | III | IV ^r | I ^p |
| | | | | | | | |
| BEA-derived compensation per hour of all persons in the nonfarm business sector (less housing) .. | 5.4 | 5.1 | 3.6 | 2.4 | 4.3 | 4.5 | 3.4 |
| Less: Contribution of supplements to wages and salaries per hour | .1 | .4 | .2 | .3 | -.2 | .1 | -.2 |
| Plus: Contribution of wages and salaries per hour of persons in housing and in nonprofit institutions | 0 | 0 | 0 | .2 | -.3 | -.1 | .1 |
| Less: Contribution of wages and salaries per hour of persons in government enterprises, unpaid family workers, and self-employed | .1 | .1 | -.1 | -.2 | .4 | .3 | -.1 |
| Equals: BEA-derived wages and salaries per hour of all employees in the private nonfarm sector | 5.2 | 4.6 | 3.5 | 2.5 | 3.8 | 4.0 | 3.8 |
| Less: Contribution of wages and salaries per hour of nonproduction workers in manufacturing | -.1 | -.1 | -.2 | 0 | -.2 | -.6 | -.3 |
| Less: Other differences ¹ | 1.8 | 1.8 | 1.3 | .7 | 1.3 | 2.3 | 1.2 |
| Equals: BLS average hourly earnings of production or nonsupervisory workers on private nonfarm payrolls | 3.5 | 2.9 | 2.5 | 1.8 | 2.7 | 2.3 | 2.9 |
| Addendum: | | | | | | | |
| BLS estimates of compensation per hour in the nonfarm business sector ² | 5.4 | 5.1 | 3.7 | 2.4 | 4.2 | 4.5 | 3.3 |

^r Revised.

^p Preliminary.

1. Includes BEA use of non-BLS data and differences in detailed weighting. Annual estimates also include differences in BEA and BLS benchmarking procedures; quarterly estimates also in-

clude differences in seasonal adjustment procedures.

2. These estimates differ from the BEA-derived estimates (first line) because the BLS estimates include compensation and hours of tenant-occupied housing.

BLS Bureau of Labor Statistics

Gross Product by Industry, 1977–90

By Robert P. Parker

THIS ARTICLE presents revised current- and constant-dollar estimates of gross product originating (GPO) by industry for 1977–89 and new estimates for 1990. These estimates update and extend the GPO estimates for 1977–89 that were published in the January and April 1991 issues of the SURVEY OF CURRENT BUSINESS.¹

The revised and extended estimates (shown in tables 9–12 at the end of the article) incorporate the most recent comprehensive and annual revisions of the national income and product accounts (NIPA's), newly available information on the composition of inputs from the most recent input-output (I-O) tables, an updated and expanded employment matrix that converts NIPA corporate profits and capital consumption al-

lowances from a company-industry basis to an establishment-industry basis, and newly available source data for gross output. In addition, one of BEA's alternative measures of real output—the benchmark-years-weighted index—is used to measure real manufacturing GPO and total real gross domestic product (GDP) for 1977–87.

The next step in BEA's work to improve the GPO estimates will be the release this fall of the following: Revised estimates for 1988–90 and new estimates for 1991 that, for 1988 and 1989, will primarily reflect the incorporation of recently revised data from several annual Census Bureau surveys and, for 1990 and 1991, will incorporate the results of the forthcoming annual NIPA revision and other newly available source data for gross output and prices of intermediate inputs; benchmark-years-weighted measures of manufacturing GPO for the years 1978–86; and revised current-dollar GPO for all industries for

1. See "Gross Product by Industry, 1977–88: A Progress Report on Improving the Estimates," SURVEY OF CURRENT BUSINESS 71 (January 1991): 23–37 and "Gross National Product by Industry, 1987–89," SURVEY 71 (April 1991): 25–27.

Gross Product Originating: Definition and Relationship to Gross Domestic Product

Gross product, or gross product originating (GPO), by industry is the contribution of each industry—including government—to gross domestic product (GDP). An industry's GPO, often referred to as its "value added," is equal to its gross output (sales or receipts and other operating income, plus inventory change) minus its intermediate inputs (consumption of goods and services purchased from other industries or imported).

In concept, GDP measured as the sum of GPO in all industries is the same as GDP measured in two other ways: (1) As the sum of expenditures (consumer spending, investment, net exports, and government purchases) and (2) as the sum of costs incurred (compensation of employees, net interest, indirect business taxes, etc.) and profits earned in production. In practice, BEA implements only the latter two ways, using less than perfectly consistent source data, so the resulting totals are not the same.

The current-dollar estimate of GDP is defined as the sum of the expenditure components; gross domestic income is defined as the sum of costs incurred and profits earned.¹ The difference between

GDP and gross domestic income is the statistical discrepancy. The current-dollar GPO estimates are measured as the sum of distributions by industry of the components of gross domestic income. Thus, the sum of the current-dollar GPO estimates also differs from current-dollar GDP by the statistical discrepancy.

The constant-dollar estimate of GDP is also measured as the sum of the expenditure components. Constant-dollar estimates of gross domestic income are not prepared, however, because price indexes for deflation cannot be associated with income measures as they can be with the goods and services that make up the expenditure measures. Constant-dollar GPO estimates for most industries are measured using estimates of gross output and intermediate inputs.

The sum of the constant-dollar GPO estimates differs from constant-dollar GDP by the constant-dollar statistical discrepancy plus an additional discrepancy, termed the "residual." The residual appears in the constant-dollar GPO estimates because of BEA's judgment that the constant-dollar expenditure components used to measure GDP are more accurate than the constant-dollar GPO estimates. The amount of detailed expenditures data that are available for weighting price indexes is greater than that for gross outputs and intermediate inputs, and little information is collected annually on the composition of inputs or of nonmanufacturing outputs. For some industries, no source data are available to measure gross output, and the resulting GPO estimates are prepared using less reliable methodologies.

1. Gross domestic income, which is GDP less the statistical discrepancy, is not shown in the NIPA tables, but gross national income, which is GNP less the statistical discrepancy, is shown in NIPA table 1.9. Gross domestic income is omitted because national measures of income, which refer to the income available to U.S. residents as a result of their contribution to production, are generally more appropriate for analysis relating to sources and uses of income. Gross domestic income differs from gross national income, as GDP differs from GNP, by the exclusion of net receipts of factor income from the rest of the world.

1947-76 that will incorporate the most recent comprehensive NIPA revision.

The first section of this article discusses changes in the industrial distribution of GDP for 1977-90. The second section reviews the revisions in the GPO estimates, and the third section discusses the major sources of these revisions. The final section describes the methodology used to prepare the GPO estimates.

Changes in the Industrial Distribution of GDP

Constant-dollar GPO estimates can be used to gauge the performance over time of the various industries in terms of their relative growth rates. Comparisons of an industry's growth rate with the growth in real GDP also indicate whether the industry's share of the total economy is becoming larger or smaller, thus providing the same answer as comparisons of changes in constant-dollar shares. Current-dollar shares can be used to measure the relative size of the various industries at a given point in time.

In this article, the benchmark-years-weighted measure is used for calculating changes in real GDP and in real GPO of manufacturing industries for 1977-87. Changes in nonmanufacturing industries for 1977-87 and in GDP and GPO for all industries for 1987-90 are calculated using fixed-

1987-weighted measures. For GDP and for manufacturing GPO, changes for 1977-90 are calculated using the combination of the two measures. As stated in the April 1992 SURVEY, the use of fixed price weights does not adequately portray the course of real output over long periods of time, because of changes in the relative price structure of the economy. For 1977-87, there were substantial changes that were traceable largely to the declining prices of computers and peripheral equipment, which mainly affects manufacturing GPO. (For more information, see the box on page 36.)

GPO growth rates

Constant-dollar GDP increased at an average annual rate of 2.7 percent for 1977-90 (chart 1 and table 1). All of the major industry groups recorded increases; the increases ranged from 5.1 percent for wholesale trade to 0.4 percent for mining. Manufacturing increased 2.3 percent, about one-half percentage point less than the increase in GDP.

Growth rates for 1977-90 for the more detailed industry groups are shown in table 11. For all but seven of the detailed industries, the data for 1977 and 1990 are comparable. For the industries for which the data are comparable, nine industries recorded average annual increases of 5 percent or

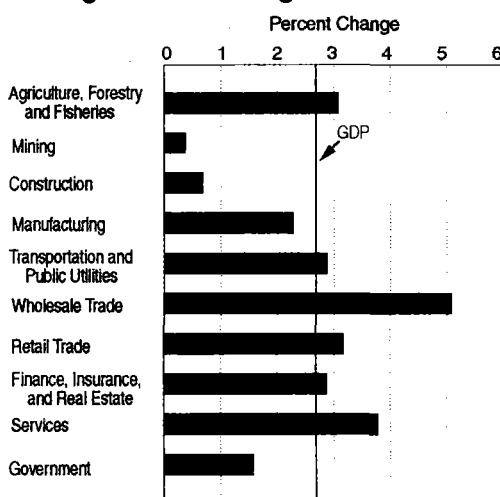
Table 1.—Real Gross Domestic Product by Industry Group: Average Annual Rates of Change, Selected Periods¹

| | [Percent] | | | |
|--|-----------|---------|---------|---------|
| | 1977-90 | 1977-82 | 1977-87 | 1982-90 |
| Gross domestic product | 2.7 | 1.7 | 2.9 | 3.4 |
| Agriculture, forestry, and fisheries | 3.1 | 2.8 | 3.3 | 3.2 |
| Mining | .4 | -2.6 | -.1 | 2.3 |
| Construction | .7 | -2.9 | 1.1 | 3.0 |
| Manufacturing | 2.3 | .2 | 2.5 | 3.6 |
| Durable goods | 2.6 | -.3 | 2.7 | 4.4 |
| Nondurable goods | 2.0 | 1.0 | 2.3 | 2.6 |
| Transportation and public utilities | 2.9 | 1.1 | 2.9 | 4.1 |
| Transportation | 2.5 | -.3 | 2.7 | 4.2 |
| Communications | 5.1 | 6.6 | 5.7 | 4.2 |
| Electric, gas, and sanitary services | 1.7 | -1.5 | 1.2 | 3.8 |
| Wholesale trade | 5.1 | 5.1 | 5.9 | 5.0 |
| Retail trade | 3.2 | 1.2 | 3.3 | 4.5 |
| Finance, insurance, and real estate | 2.9 | 3.5 | 3.1 | 2.6 |
| Services | 3.8 | 3.1 | 3.8 | 4.2 |
| Government | 1.6 | 1.3 | 1.4 | 1.7 |

1. For 1977-87, changes in GDP and in manufacturing gross product originating are calculated using benchmark-years-weighted measures. Changes for those periods for all other industry groups are calculated using fixed 1987 weighted measures. For 1987-90, changes in GDP and in all industry groups are calculated using the fixed 1987 weighted measure. For 1977-90, changes in GDP and manufacturing are calculated using the combination of the two measures. The indexes are shown in table 11. See the box on page 36 for additional information.

CHART 1

Real GDP by Industry Group: Average Annual Change for 1977-90



NOTE.—For all industries except manufacturing, the change is calculated using fixed-weighted (1987) quantity indexes. For manufacturing and for GDP the change for 1977-87 is calculated using benchmark-years-weighted quantity indexes, and the change for 1987-90 is calculated using fixed weighted (1987) quantity indexes. See footnote 1 to table 1.

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

more. The two fastest growing industries were metal mining, which increased 10.2 percent, and security and commodity brokers, which increased 9.1 percent. The other fast-growing industries comprised the following: Wholesale trade (which is considered both a major industry group and a detailed industry); three industries in transportation and public utilities; one industry in finance, insurance, and real estate (FIRE); one industry in services; and one industry in manufacturing.²

Nine industries recorded decreases. The four largest were in manufacturing: Tobacco manufactures was down 3.9 percent; primary metals industries, down 2.7 percent; motor vehicles and equipment, down 2.6 percent; and leather and leather products, down 2.4 percent. Of the remaining five decreases, three were in transportation and public utilities, and one each was in mining and in services.

For seven industries, changes in the Standard Industrial Classification (SIC) created significantly different industry definitions for 1977 and 1990. Grouping them to eliminate this noncomparabil-

ity yields two more industries (a combination of electric and other electronic equipment and of instruments and related products and a combination of business services, miscellaneous professional services, and "other services") with average

Acknowledgments

The gross product by industry program is under the guidance of Robert P. Parker, Associate Director for National Economic Accounts, who also supervised the preparation of the industry estimates. The preparation of the estimates involved the following staff: Clark D. Allen, Felicia V. Candela, Michael D. Glenn, Craig A. Hargenrader, Vesta C. Jones, M. Greg Key, Sherlene K.S. Lum, Donna E. McComber, Joyce M. Northwood, Brooks B. Robinson, Timothy F. Slaper, John Sporing, and Robert A. Sylvester. Marilyn E. Baker, A. Vanessa Clark, and Getty B. Mumford provided support services. Members of the staff of the Interindustry Economics Division provided special tabulations from the input-output tables and contributed to the development of the estimates. Allan H. Young, Chief Statistician, wrote the box on the use of the benchmark-years-weighted measures. Michael F. Mohr, formerly Chief of the GNP by Industry Branch of the National Income and Wealth Division, supervised the early stages of the program.

2. The industry in manufacturing was the industrial machinery and equipment industry; the 1977-90 change for that industry was computed using the 1977 value for the 1972 Standard Industrial Classification (SIC) "machinery, except electrical" industry, which is roughly comparable in definition to the 1987 SIC industrial machinery and equipment industry.

Table 2.—Gross Domestic Product by Industry Group as a Percentage of Gross Domestic Product, Selected Years
[Percent]

| | Current dollars | | | | Constant dollars | | | |
|---|-----------------|--------------|--------------|--------------|-------------------|-------------------|-------------------|-------------------|
| | 1977 | 1982 | 1987 | 1990 | 1977 ¹ | 1982 ¹ | 1987 ² | 1990 ³ |
| Gross domestic product | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Agriculture, forestry, and fisheries | 2.8 | 2.4 | 1.9 | 2.0 | 1.9 | 2.0 | 1.9 | 1.9 |
| Mining | 2.7 | 4.6 | 1.8 | 1.8 | 2.4 | 2.0 | 1.8 | 1.8 |
| Construction | 4.8 | 4.1 | 4.7 | 4.4 | 5.6 | 4.4 | 4.7 | 4.3 |
| Manufacturing | 23.6 | 20.6 | 19.3 | 18.4 | 20.0 | 18.6 | 19.3 | 18.9 |
| Durable goods | 14.1 | 11.8 | 11.1 | 10.2 | 11.3 | 10.2 | 11.1 | 11.0 |
| Nondurable goods | 9.6 | 8.7 | 8.3 | 8.2 | 8.7 | 8.4 | 8.3 | 8.0 |
| Transportation and public utilities | 9.1 | 9.3 | 9.2 | 8.7 | 9.2 | 8.9 | 9.2 | 9.3 |
| Transportation | 3.9 | 3.5 | 3.4 | 3.2 | 3.4 | 3.1 | 3.4 | 3.3 |
| Communications | 2.5 | 2.6 | 2.8 | 2.6 | 2.1 | 2.7 | 2.8 | 2.9 |
| Electric, gas, and sanitary services | 2.7 | 3.0 | 3.1 | 2.9 | 3.6 | 3.1 | 3.1 | 3.2 |
| Wholesale trade | 7.0 | 6.9 | 6.7 | 6.5 | 5.0 | 5.8 | 6.7 | 6.6 |
| Retail trade | 9.6 | 9.1 | 9.7 | 9.3 | 9.3 | 9.0 | 9.7 | 9.8 |
| Finance, insurance, and real estate | 14.4 | 16.0 | 17.8 | 17.7 | 17.4 | 19.0 | 17.8 | 17.8 |
| Services | 13.0 | 14.9 | 17.2 | 18.9 | 15.7 | 16.8 | 17.2 | 17.9 |
| Government | 12.5 | 12.3 | 12.0 | 12.2 | 13.9 | 13.6 | 12.0 | 11.9 |
| Percentage not allocated by industry ⁴ | .6 | -.2 | -.5 | .1 | -.4 | -.1 | -.5 | -.3 |

1. Percentages for 1977 and 1982 are calculated using approximation B of GDP described in the box on page 36 as the denominators. For manufacturing, the numerators are approximation B of manufacturing gross product originating (GPO) described in the box. For all other industries, the numerators are the 1987-dollar estimates shown in table 12.

2. Current- and constant-dollar percentages are the same in 1987, the base period.

3. All percentages for 1990 are calculated using the 1987-dollar estimates shown in table 12.

4. The current-dollar percentage is calculated using the current-dollar statistical discrepancy, which is GDP measured as the sum of expenditures less gross domestic income—that is, GDP measured as the costs incurred and profits earned in domestic production. The constant-dollar percentage is calculated using the sum of (a) the constant-dollar statistical discrepancy (the dis-

crepancy in current dollars deflated by the implicit price deflator for gross domestic business product), (b) the residual, which is GDP in constant dollars measured as the sum of expenditures less the statistical discrepancy in constant dollars and GDP in constant dollars measured as the sum of gross product originating by industry, and (c) differences between the sum of the industry detail and 100.0 that results from the use of approximation B for benchmark-years-weighted indexes for GDP and manufacturing GPO and of fixed-weighted indexes for nonmanufacturing industries for 1977 and 1982.

NOTE.—Percentages for 1987 are calculated from the estimates based on the 1987 Standard Industrial Classification (SIC). There are no significant differences from percentages calculated from the estimates based on the 1972 SIC.

The Measurement of the Change in Real GPO by Industry

In this article, BEA departs from its traditional use of a fixed-weighted quantity index for measuring real manufacturing GPO and total real GDP for 1977-87. Instead, BEA uses one of the alternative measures—the benchmark-years-weighted index—that were introduced in April 1992 as part of the most recent comprehensive revision of the national income and product accounts. (See Allan H. Young, "Alternative Measures of Change in Real Output and Prices," SURVEY OF CURRENT BUSINESS 72 (April 1992): 32-48.)

Measuring real growth

Manufacturing GPO and GDP, 1977-87.—A fixed-weighted index is a good measure of real growth as long as the relative price structure of the economy does not change very much from that in the base year. Because of substantial changes in the relative price structure in manufacturing—changes that were largely traceable to the rapidly declining prices of computers and peripheral equipment—the currently used fixed-weighted measure with 1987 price weights is appropriate for only a fairly short period of years around 1987. For timespans covering earlier years, the use of fixed 1987 price weights understates the growth in manufacturing GPO, because the rapid growth in the output of the computer industry is weighted not by the price of computers in those years but by the lower 1987 price. Similarly, the use of fixed 1987 price weights understates the growth in GDP in these timespans. However, the understatement of GDP growth is less than that of manufacturing GPO, because the output of the computer industry accounts for a smaller portion of total GDP.

A benchmark-years-weighted index, unlike a fixed-weighted index, is not based on the price weights of a single year; the weights change each benchmark year—that is, at about 5-year intervals.¹ Over time, the weighting periods are shifted forward to reflect the prices that

prevailed in the timespan being measured. For example, the period 1977-82 uses price weights for 1977 and 1982, and the period 1982-87 uses price weights for 1982 and 1987. As a result, the benchmark-years-weighted index is a more accurate measure of growth from benchmark year to benchmark year.

Exhibit 1 shows growth rates for manufacturing GPO using the benchmark-years-weighted measure and three fixed-weighted measures with 1977, 1982, and 1987 prices as weights.

In part A of the exhibit, the benchmark-years-weighted measure, the preferred measure of growth for 1977-87, shows an average annual increase of 2.5 percent. The three fixed-weighted measures show that the measurement of the growth rate for manufacturing is quite sensitive to the choice of weights. For example, the average annual growth rate for manufacturing for 1977-87 is 4.3 percent using weights from the beginning of the timespan (the fixed-1977-weighted measure), and it is only 1.7 percent using weights from the end of the timespan (the fixed-1987-weighted measure).

Both the 1977-weighted measure and the 1987-weighted measure present certain problems when they are used to measure output over the period 1977-87. The 4.3-percent growth rate calculated using the 1977-weighted measure is too high, largely because the change in output for 1982-87 is measured using 1977 prices, which were quite different from the actual prices that prevailed in the period. In contrast, the 1.7-percent growth rate calculated using the 1987-weighted measure is too low, largely because the change in output for 1977-82 is measured using 1987 prices.

Part B of the exhibit shows the growth rates for the previously published estimates of manufacturing GPO, which were calculated using fixed 1982 weights. The differences between the changes for this measure and those for the fixed-1982-weighted measure in part A indicate the effects of incorporating the revised source data and the improvements in methodology described in this article.

Part C of the exhibit reproduces a table from the April 1992 SURVEY article on the alternative measures of real output and prices. The growth rates in the table, which were calculated from provisional estimates that incorporated some of the revised data from the December 1991 comprehensive revision, are similar to those shown in part A.

Nonmanufacturing GPO, 1977-87.—For 1977-87, the fixed-1987-weighted measure is used for nonmanufacturing industries. For these industries, the choice of relative price weights has much less effect than it did for manufacturing; in addition, considerable additional work would be required to calculate the benchmark-years-weighted indexes, especially for the industries for which double deflation is not used in their estimation. When the growth of a nonmanufacturing industry is compared with that of manufacturing or of GDP, the fixed-weighted measure for the nonmanufacturing industry is, in effect, serving as a proxy for a benchmark-years-weighted measure.

GPO for all industries, 1987-90.—For 1987-90, the fixed-1987-weighted measure is used for all industries and for GDP. The differences between this measure and a benchmark-years-weighted measure in which 1990 is treated as if it were a benchmark year are fairly small.

Measuring industry shares

As noted in the April 1992 SURVEY article, a benchmark-years-weighted index has somewhat different properties than the traditional fixed-weighted index. Its use in the calculation of change in real GPO by industry means that questions such as whether manufacturing is becoming a larger or smaller part of the total economy

Text continues on the next page.

Exhibit 1.—Fixed-Weighted and Benchmark-Years-Weighted Indexes of Real Gross Product in Manufacturing: Average Annual Rate of Change Over Selected Periods

| | Fixed-weighted indexes | | | Benchmark-years-weighted index |
|--|------------------------|--------------|--------------|--------------------------------|
| | 1977 weights | 1982 weights | 1987 weights | |
| Part A—Measures calculated from revised data: | | | | |
| 1977-87 | 4.3 | 2.3 | 1.7 | 2.5 |
| 1977-82 | 1.2 | -8 | -8 | .2 |
| 1982-87 | 7.6 | 5.4 | 4.3 | 4.9 |
| 1987-90 ..... | ..... | ..... | 1.7 | 1.6 |
| 1977-90 ..... | ..... | ..... | 1.7 | 2.3 |
| Part B—Previously published measure: | | | | |
| 1977-87 ..... | ..... | 2.5 | ..... | ..... |
| 1977-82 ..... | ..... | -9 | ..... | ..... |
| 1982-87 ..... | ..... | 6.1 | ..... | ..... |
| Part C—Provisional estimates of measures shown in part A: | | | | |
| 1977-87 | 4.7 | 2.6 | 1.6 | 2.6 |
| 1977-82 | .8 | -7 | -1.3 | .1 |
| 1982-87 | 8.8 | 6.0 | 4.5 | 5.2 |

NOTE.—With fixed-weighted indexes, real gross product is obtained by the double-deflation method as the difference between real gross output and real intermediate inputs. For the benchmark-years-weighted quantity index, the following relationship was used to obtain the gross product index: $(I_{GPO})^{\theta_2} = I_{GO} / (I_{II})^{\theta_1}$, where I_{GPO} is the derived benchmark-years-weighted index of gross product, I_{GO} is a benchmark-years-weighted quantity index of gross output, I_{II} is a benchmark-years-weighted quantity index of intermediate input, and θ_1 and θ_2 are the average current-dollar shares of gross output accounted for by intermediate inputs and value added. Use of this relationship provides a close approximation to a benchmark-years-weighted quantity index.

annual increases of more than 5 percent. (See the box on page 43 for more information about changes in the SIC.)

For 1977–82, a period that starts in the middle of an expansion and ends at the trough of a recession, real GDP increased at an average annual rate of 1.7 percent. Except for mining and construction, all of the major industry groups increased.

For 1982–90, a period that starts from a recession trough and ends at the peak of an expansion, real GDP increased at a 3.4-percent rate. All of the major industry groups increased. Particularly strong recoveries were recorded in manufacturing, which increased 3.6 percent in 1982–90 after a 0.2-percent increase in 1977–82, and in retail trade, which increased 4.5 percent after a 1.2-percent increase.

GPO shares

Table 2 shows current- and constant-dollar shares—the percentage of GDP accounted for by a particular industry or industry group—for 1977, 1982, 1987, and 1990. The constant-dollar shares for 1977 and 1982 were calculated using the “approximation B” method of estimating constant-dollar GDP and constant-dollar manufacturing GPO (see the box on page 36). The constant-dollar shares for 1987 were calculated from the current-dollar estimates shown on the 1987 SIC basis in table 9, and the shares for 1990 were calculated from the 1987-dollar estimates shown in table 12.

Current-dollar shares measure the relative size of an industry at a point in time. In 1990, the largest share of GDP was accounted for by services

The Measurement of the Change in Real GPO by Industry—Continued

Text continues from the preceding page.

must be addressed in somewhat different ways. (One should note that if the question is simply the relative size of manufacturing at a point in time, the current-dollar share provides the answer.)

With the traditional fixed-weighted measures, the question of whether manufacturing is becoming a larger or smaller part of the total economy could be answered either by comparing growth rates in real manufacturing GPO with those in real GDP or by calculating the change in the constant-dollar share of manufacturing GPO in GDP. The following example (in which the manufacturing share is increasing) illustrates that the two approaches are equivalent.

| [Percent] | | | |
|----------------------|----------|------------------------|-------------------------|
| Period | Real GDP | Real manufacturing GPO | “Constant-dollar” share |
| 1 | 100 | 20 | 20.0 |
| 2 | 110 | 23 | 20.9 |
| Percent change | 10.0 | 15.0 | 4.5 |

The constant-dollar share of manufacturing increases 4.5 percent—from 20.0 percent to 20.9 percent of total GDP. The same result may be obtained directly from the changes in manufacturing GPO and GDP by stating them as ratios of the period 2 values to the period 1 values as follows: $(1.15/1.10) \times 100 - 100 = 4.5\%$.

It is sometimes not appreciated that the use of constant-dollar shares relies on a unique property of fixed-weighted indexes: Only with fixed-weighted indexes can real GDP be expressed as the sum of real GDP components. Because benchmark-years-weighted indexes do not share this “additive” property, one cannot convert these indexes into dollar values and then compute time series of shares of real GDP that add up precisely.

The simplest way to use the benchmark-years-weighted indexes to answer the question is to compare growth rates, but it is also possible to calculate approximations of the manufacturing share. Exhibit 2 shows two such approximations. Approximation A is calculated by extrapolating forward and backward the 1982 levels of current-dollar manufacturing GPO and GDP using the benchmark-years-weighted

indexes. Approximation B is calculated in the same way except that the extrapolations are from the 1987 current-dollar levels. Approximations calculated in this way will not produce shares that add up precisely to 100 percent, but the approximation error will usually be small when the calculations do not extend far from the base year. It should be noted that a difference in the levels of approximations A and B does not indicate a change in the real manufacturing share; it reflects the change in the relative price structure of manufacturing from 1982 to 1987.

Shares for all industries calculated using approximation B for manufacturing and for GDP and fixed-weighted measures for the nonmanufacturing industries are shown in table 2 of the article. The sum of the industry shares is 1.6 percent larger than the GDP approximation in 1977, and it is 0.3 percent larger in 1982; these differences are included in “percentage not allocated by industry” in the table. BEA plans to further explore the properties of various approximations in the future.

Exhibit 2.—Approximations of Manufacturing Share of Real GDP

| | 1977 | 1982 | 1987 |
|---|---------|---------|---------|
| Extrapolated levels of real manufacturing GPO and GDP | | | |
| Approximation A (1982 dollars): | | | |
| Manufacturing GPO | 640.1 | 647.5 | 820.7 |
| Gross domestic product | 2,889.4 | 3,149.6 | 3,827.0 |
| Approximation B (1987 dollars): | | | |
| Manufacturing GPO | 685.2 | 693.1 | 878.4 |
| Gross domestic product | 3,427.6 | 3,736.3 | 4,539.9 |
| Manufacturing share (percent) | | | |
| Approximation A | 22.2 | 20.6 | 21.4 |
| Approximation B | 20.0 | 18.6 | 19.3 |

NOTE.—Approximation A is obtained by extrapolating 1982 current-dollar levels with benchmark-years-weighted indexes of real manufacturing GPO and GDP. Approximation B is obtained by extrapolating 1987 current-dollar levels.

GPO Gross product originating
GDP Gross domestic product

(18.9 percent), followed closely by manufacturing (18.4 percent) and FIRE (17.7 percent). In FIRE, about one-half of the share was accounted for by the nonfarm housing services industry; the GPO of this industry arises from the NIPA treatment of homeownership, in which owner-occupants are treated as landlords who rent their houses to themselves.

Changes in constant-dollar shares measure whether an industry is becoming a larger or smaller part of the total economy. From 1977 to 1990, the share of GDP accounted for by the services industry increased the most. Among the other industry groups, the shares of both wholesale and retail trade, of FIRE, and of transportation and public utilities also increased. The shares of mining, construction, manufacturing, and government fell; the government share fell the most.

Revisions in Current- and Constant-Dollar GPO

Current-dollar revisions

The pattern of the revisions in current-dollar GPO by industry largely reflected the pattern of the most recent NIPA revisions in GDP and in gross domestic income.³ Most of the revisions in the

3. The 1991 comprehensive revision raised current-dollar GDP for 1977-88, and both the comprehensive revision and the 1992 annual revision raised

major industry groups were small for 1977, but a number were substantial for 1989 (table 3). For 1989, the largest upward revisions were in manufacturing, \$38.6 billion, and in FIRE, \$29.8 billion. In manufacturing, the revisions were in both durable goods and nondurable goods; in FIRE, they were mainly in the combination of depository and nondepository institutions. The largest downward revision was in services, \$21.7 billion; it was mainly in the combination of business services, miscellaneous professional services, and "other services."

Constant-dollar revisions

For 1977-89, the constant-dollar revisions did not greatly alter the picture of growth by industry that had been shown by the previously published estimates (table 4). Among the major industry groups, wholesale trade remained the fastest growing group. Mining, which was the only group to decrease in the previously published estimates, showed no change in the revised estimates; the revision largely resulted from a substantial upward revision in metal mining. The growth rate for manufacturing was revised down from 2.8 percent to 2.6 percent. (For a discus-

current-dollar GDP for 1989. As shown in table 3, the revision in the level of GDP ranged from \$9.0 billion for 1977 to \$87.6 billion for 1989. Gross domestic income, which is GDP less the statistical discrepancy, had a somewhat different revision pattern. For 1977, gross domestic income was revised down \$1.9 billion, and for 1989, it was revised up \$69.5 billion.

Table 3.—Revisions in Gross Domestic Product by Industry Group in Current Dollars, Selected Years

(Billions of dollars)

| | 1977 | | | 1982 | | | 1987 | | | 1989 | | |
|--|----------------------|---------|----------|----------------------|---------|----------|----------------------|---------|----------|----------------------|---------|----------|
| | Previously published | Revised | Revision | Previously published | Revised | Revision | Previously published | Revised | Revision | Previously published | Revised | Revision |
| Gross domestic product | 1,965.1 | 1,974.1 | 9.0 | 3,114.8 | 3,149.6 | 34.8 | 4,486.7 | 4,539.9 | 53.2 | 5,163.2 | 5,250.8 | 87.6 |
| Agriculture, forestry, and fisheries | 58.9 | 54.4 | -4.5 | 89.6 | 77.0 | -12.6 | 100.7 | 88.5 | -12.2 | 113.5 | 104.8 | -8.7 |
| Mining | 50.2 | 54.1 | 3.9 | 132.1 | 146.1 | 14.0 | 76.8 | 83.0 | 6.2 | 80.3 | 84.2 | 3.9 |
| Construction | 97.9 | 93.9 | -4.0 | 140.9 | 129.4 | -11.5 | 219.2 | 213.0 | -6.2 | 247.7 | 235.9 | -11.8 |
| Manufacturing | 465.3 | 466.8 | 1.5 | 634.6 | 647.5 | 12.9 | 875.5 | 878.4 | 2.9 | 966.0 | 1,004.6 | 38.6 |
| Durable goods | 277.7 | 277.7 | 0 | 362.5 | 372.9 | 10.4 | 499.9 | 503.2 | 3.3 | 541.0 | 562.6 | 21.6 |
| Nondurable goods | 187.7 | 189.1 | 1.4 | 272.1 | 274.6 | 2.5 | 375.7 | 375.2 | -0.5 | 425.0 | 442.0 | 17.0 |
| Transportation and public utilities | 178.9 | 179.2 | .3 | 288.4 | 292.1 | 3.7 | 413.9 | 419.9 | 6.0 | 460.9 | 463.3 | 2.4 |
| Transportation | 77.0 | 76.3 | -0.7 | 110.8 | 108.9 | -1.9 | 153.9 | 152.8 | -1.1 | 171.5 | 168.9 | -2.6 |
| Communications | 48.8 | 50.0 | 1.2 | 85.6 | 88.6 | 3.0 | 122.8 | 127.6 | 4.8 | 133.7 | 139.9 | 6.2 |
| Electric, gas, and sanitary services | 53.1 | 52.9 | -0.2 | 92.0 | 94.7 | 2.7 | 137.2 | 139.5 | 2.3 | 155.6 | 154.5 | -1.1 |
| Wholesale trade | 139.8 | 137.9 | -1.9 | 219.0 | 216.5 | -2.5 | 294.8 | 302.6 | 7.8 | 339.5 | 351.6 | 12.1 |
| Retail trade | 193.0 | 190.4 | -2.6 | 287.5 | 286.6 | -0.9 | 426.4 | 440.1 | 13.7 | 486.0 | 502.5 | 16.5 |
| Finance, insurance, and real estate | 280.3 | 283.6 | 3.3 | 475.1 | 503.9 | 28.8 | 761.6 | 809.9 | 48.3 | 896.7 | 926.5 | 29.8 |
| Services | 253.4 | 255.7 | 2.3 | 463.6 | 469.8 | 6.2 | 793.6 | 784.0 | -9.6 | 970.5 | 948.8 | -21.7 |
| Government | 247.4 | 247.1 | -0.3 | 383.9 | 388.0 | 4.1 | 534.8 | 545.3 | 10.5 | 619.3 | 627.6 | 8.3 |
| Statistical discrepancy ¹ | 0 | 10.9 | 10.9 | -1 | -7.4 | -7.3 | -10.6 | -24.8 | -14.2 | -17.0 | 1.1 | 18.1 |

1. Equals GDP measured as the sum of expenditures less gross domestic income—that is, GDP measured as the costs incurred and profits earned in domestic production.

NOTE.—In this table, revised estimates for 1987 and previously published estimates for 1987 and 1989 are based on the 1972 Standard Industrial Classification (SIC); revised estimates for 1989 are based on the 1987 SIC.

sion of the computation of the growth rate for manufacturing, see the box on page 36.)

By detailed industry, the revisions reversed the direction of change for four industries: In textile mill products, a decrease of 0.4 percent was revised to a 2.3-percent increase; and in local and interurban passenger transit, in pipelines except natural gas, and in private households, small increases were revised to small decreases. The largest upward revisions—those of 2 percentage points or more—were in metal mining, in textile mill products, and in water transportation; the largest downward revisions were in tobacco manufactures and in security and commodity brokers.

To an unknown, but likely small, extent, the revisions in the GPO of nonmanufacturing industries also reflected the effect of the shift in the base period from 1982 to 1987. Although a direct estimate of the effect on nonmanufacturing is not available, it can be approximated by calculating what the effects would be on GDP and on manufacturing GPO. (The shift did not affect the manufacturing industries or GDP, because their revised growth rates are calculated using the benchmark-years-weighted measures.) For 1977–89, the shift in the base period would lower the growth rate of GDP by about 0.2 percentage point and of manufacturing GPO by about 1.1 percent-

age points. Because manufacturing GPO accounts for about one-fifth of GDP, it can be assumed that the impact of the shift on the revised estimates of GPO for nonmanufacturing industries was small.

Sources of the Revisions

Revisions in the changes in GPO arise from the incorporation of the revisions that were made in the most recent comprehensive and annual NIPA revisions and from the incorporation of statistical changes affecting the preparation of the GPO estimates.

NIPA revisions

The comprehensive—or benchmark—revision released in December 1991 involved definitional, statistical, and other changes that affected the GPO estimates for 1977–89. Several of these changes are described in the following paragraphs. The annual revision released in July 1992 also affected the GPO estimates for 1989.⁴

The replacement of gross national product (GNP) with GDP as the featured measure of production resulted in the elimination from the GPO tables of the “rest-of-the-world” industry, which

4. See “The Comprehensive Revision of the U.S. National Income and Product Accounts: A Review of Revisions and Major Statistical Changes,” SURVEY 71 (December 1991): 24–42 and “Annual Revision of the U.S. National Income and Product Accounts,” SURVEY 72 (July 1992): 6–45.

Table 4.—Revisions in Average Annual Rates of Change of Real Gross Domestic Product by Industry Group, Selected Years¹

[Percent]

| | 1977–89 | | | 1977–82 | | | 1982–87 | | | 1987–89 | | |
|--|----------------------|---------|----------|----------------------|---------|----------|----------------------|---------|----------|----------------------|---------|----------|
| | Previously published | Revised | Revision | Previously published | Revised | Revision | Previously published | Revised | Revision | Previously published | Revised | Revision |
| Gross domestic product | 2.8 | 2.9 | 0.1 | 1.3 | 1.7 | 0.4 | 4.2 | 4.0 | -0.2 | 3.4 | 3.2 | -0.2 |
| Agriculture, forestry, and fisheries | 2.7 | 2.7 | 0 | 4.1 | 2.8 | -1.3 | 3.2 | 3.8 | .6 | -2.2 | -3 | 1.9 |
| Mining | -1.1 | 0 | 1.1 | -1.9 | -2.6 | -7 | -7 | 2.6 | 3.3 | -1 | .4 | .5 |
| Construction | 1.1 | .9 | -2 | -2.2 | -2.9 | -7 | 4.7 | 5.3 | .6 | .4 | 0 | -4 |
| Manufacturing | 2.8 | 2.6 | -2 | -.9 | .2 | 1.1 | 6.1 | 4.9 | -1.2 | 4.4 | 3.1 | -1.3 |
| Durable goods | 3.1 | 2.9 | -2 | -2.1 | -.3 | 1.8 | 7.3 | 5.8 | -1.5 | 6.4 | 4.0 | -2.4 |
| Nondurable goods | 2.3 | 2.2 | -.1 | .8 | 1.0 | .2 | 4.3 | 3.6 | -.7 | 1.3 | 1.8 | .5 |
| Transportation and public utilities | 3.3 | 2.9 | -.4 | 1.2 | 1.1 | -.1 | 5.2 | 4.9 | -.3 | 4.1 | 2.7 | -1.4 |
| Transportation | 2.8 | 2.3 | -.5 | -.2 | -.3 | -.1 | 6.2 | 5.8 | -.4 | 2.1 | .7 | -1.4 |
| Communications | 5.1 | 5.2 | .1 | 7.3 | 6.6 | -.7 | 3.6 | 4.8 | 1.2 | 3.5 | 3.1 | -.4 |
| Electric, gas, and sanitary services | 2.7 | 1.8 | -.9 | -1.5 | -1.5 | 0 | 5.4 | 4.0 | -1.4 | 7.0 | 4.6 | -2.4 |
| Wholesale trade | 5.3 | 5.7 | .4 | 6.1 | 5.1 | -1.0 | 5.4 | 6.8 | 1.4 | 3.5 | 4.2 | .7 |
| Retail trade | 3.6 | 3.6 | 0 | 1.2 | 1.2 | 0 | 5.3 | 5.5 | .2 | 5.3 | 4.6 | -.7 |
| Finance, insurance, and real estate | 3.1 | 3.2 | .1 | 2.6 | 3.5 | .9 | 3.4 | 2.7 | -.7 | 3.8 | 3.6 | -.2 |
| Services | 4.2 | 3.8 | -.4 | 3.0 | 3.1 | .1 | 5.0 | 4.5 | -.5 | 4.9 | 4.0 | -.9 |
| Government | 1.4 | 1.5 | .1 | 1.1 | 1.3 | .2 | 1.6 | 1.5 | -.1 | 1.8 | 2.0 | .2 |

1. For the previously published estimates, changes in GDP and in all industry groups are calculated using fixed 1982 weighted measures. For the revised estimates, changes in GDP and in manufacturing are calculated using benchmark-years-weighted measures for 1977 and 1982. For 1987–89, the revised changes in GDP and in all industry groups are calculated using the fixed

1987 weighted measures. The revised changes for 1977–89 in GDP and manufacturing are calculated using the combination of the two measures. See the box on page 36 for additional information.

measured the net receipts of factor incomes from the rest of the world.

Alternative measures of output were introduced that are more appropriate than the fixed-weighted measure for the long-term analysis of GDP; the benchmark-years-weighted alternative was used in calculating the changes in real GDP and in manufacturing GPO for 1977–87.

The 1987 Standard Industrial Classification (SIC) was incorporated, beginning with the estimates for 1987. As explained in the box on page 43, this change resulted in discontinuities in several of the detailed industry series; it had little or no effect on GPO for the major industry groups.

Among the changes in NIPA methodology, the new method used to estimate the imputed rental value of farm dwellings reduced farm GPO. The improved estimates of rental expenses for nonfarm dwellings increased nonfarm housing services GPO. Improved adjustments for misreporting on tax returns significantly reduced the GPO of personal services, business services, and “other services.” Other changes that affected the gross output estimates used in the double-deflation method of estimating GPO included the following: Revised estimates of petroleum and natural gas exploration, which are used for the oil and gas extraction industry; revised estimates of new nonresidential construction, which are used for the construction industry; and revised estimates of consumer expenditures, which are used for several financial and service industries.

The definitional and classificational changes that were made in the comprehensive revision had only small effects on the GPO estimates. The reclassification of nine government agencies increased the GPO of government enterprises for most years.

Statistical changes in the GPO estimates

This section focuses on the major statistical changes incorporated into the revised estimates of GPO. The next section of this article describes the complete methodology used to prepare the revised estimates.

For the current-dollar GPO estimates, a newly available Census Bureau employment matrix that converts the NIPA industry estimates of corporate profits and capital consumption allowances from a company-industry basis to an establishment-industry basis was introduced. The new matrix is based on data reported in the 1982 Economic Censuses and covers all private nonfarm industries except railroads and private households. The matrix used for the previously published es-

timates was for 1972 and covered only mining, construction, manufacturing, trade, and selected services industries; the estimates for the other industries were mainly based on company-industry data. Beginning with 1982, the estimates are based on the 1982 matrix; estimates for earlier years are based on averages from both the 1972 and 1982 matrices.

For the constant-dollar GPO estimates, the revisions largely stem from revisions in the current-dollar GPO estimates, from changes in the methods used to estimate constant-dollar GPO, from the shift in the base period from 1982 to 1987 for nonmanufacturing industries, from changes in the prices used to estimate gross outputs and intermediate inputs, and from changes in the methods for estimating the composition of inputs.

For two of the detailed industries, the method used to calculate the constant-dollar GPO estimates was changed. For motion pictures, the double-deflation method using a gross output series developed from the Census Bureau's service annual survey and the 1977, 1982, and 1987 Censuses of Service Industries, replaced the extrapolation method. For water transportation, an extrapolation method using persons engaged in production replaced the double-deflation method; an evaluation based on newly available data from the 1987 Census of Transportation showed that the quantity measures used to estimate the previously used gross output series were not representative of all activities of the industry.

Several changes were made in the estimation of gross output. Manufacturing gross output is now benchmarked to the 1977, 1982, and 1987 input-output tables; as a result, it includes the margin on resales and an adjustment for misreporting of receipts. Previously, it had included the total value of resales and excluded the adjustment. For all industries, force-account construction was allocated from the construction industry to the industry whose employees performed the construction. In addition, construction output was improved by the inclusion of receipts of construction establishments for nonconstruction activities. Gross output for security and commodity brokers was revised to incorporate improved estimates of the adjustments to remove interest and capital gains income. Mining gross output now incorporates shipments data from the 1987 Census of Mineral Industries and revised shipments data for 1988 and 1989 from the Bureau of Mines.

Finally, estimates for 1988 and 1989 are based on the 1987 SIC instead of the 1972 SIC.

New and improved estimates of the composition of inputs were incorporated for most double-deflated industries. The revised estimates incorporate the input composition from the 1982 benchmark I-O table and an adjusted 1987 annual I-O table (which is an update of the 1982 table) that incorporates purchases data from the 1987 Economic Censuses and the 1987 Assets and Expenditures Surveys.⁵ (Estimates for 1987 were prepared using both the 1972 SIC and the 1987 SIC.) Revised estimates for 1978–81 and for 1983–86 are primarily interpolations based on the 1977, 1982, and 1987 compositions. The composition for 1988–90 is generally assumed to be the same as 1987 using the 1987 SIC. Improvements also were made in the estimates of the share of inputs accounted for by imports by incorporating information from the 1982 and 1987 I-O tables. In the previous estimates, the composition for 1981–85 was based on the annual I-O tables that were updates of the 1977 benchmark table; estimates for 1978–80 were interpolations of the 1977 and 1981 composition; and estimates for 1986–89 were generally assumed to be the same as the composition of 1985.

Methodology for GPO Estimates

This section describes the methodology—that is, the source data and estimating procedures—used to prepare the revised GPO estimates. Changes in methodology from the previously published estimates were reviewed in the preceding section.

Current-dollar estimates

As noted in the box “Gross Product Originating: Definition and Relationship to Gross Domestic Product,” on page 33, the current-dollar GPO estimates are prepared as the sum of distributions by industry of the components of gross domestic income. This section describes the methodology for distributing the current-dollar estimates of these components on an establishment-industry basis.

For most components of gross domestic income, the estimates are based on source data that provide industry distributions, either company-industry or establishment-industry. Only the estimates with distributions based on

establishment-industry data can be used directly to calculate industry GPO. For those components that are estimated on the basis of Internal Revenue Service (IRS) tabulations of business tax returns, which have company-industry distributions, the industry distributions may need to be converted to an establishment-industry basis. This conversion is designed to recognize that large multiestablishment companies typically own establishments that are classified in different Standard Industrial Classification (SIC) industries, and industrial distributions of the same component for companies and establishments can be significantly different. (See the box on page 43 for information about the 1987 SIC.) For the components of gross domestic income for which the source data provide no industry distribution, BEA has developed establishment-industry distributions from related sources. Table 5 shows the major source data for each component of gross domestic income, the availability and type of industrial distribution in the source data, and the data or assumptions used, when necessary, to develop establishment-industry distributions.⁶

For the noncorporate parts of components that are estimated on the basis of the IRS tabulations, BEA assumes that company-industry and establishment-industry distributions are equivalent, because noncorporate businesses typically operate only one establishment. For corporate profits and corporate capital consumption allowances, BEA converts the company-industry distributions to establishment-industry distributions using the methodology described in the next paragraph. For corporate net interest, there is no adequate conceptual basis for the conversion, so conversion is not attempted. For the corporate part of other labor income, BEA has developed establishment-industry distributions based primarily on data from the quinquennial economic censuses. For corporate business transfer payments, mainly charitable contributions, BEA assumes that company-industry and establishment-industry distributions are equivalent.

The methodology used to convert corporate profits before tax and capital consumption allowances is based primarily on special Census Bureau tabulations of the employment of establishments of corporations. These “matri-

5. The 1982 table was presented in “Benchmark Input-Output Accounts for the U.S. Economy, 1982,” SURVEY 71 (July 1991): 30–71; the 1987 table in “Annual Input-Output Accounts of the U.S. Economy, 1987,” SURVEY 72 (April 1992): 55–71.

6. For additional information about the methodology used for income components, see “Annual Revision of the U.S. National Income and Product Accounts,” SURVEY 72 (July 1992): 33–36.

ces" present employment of these establishments cross-classified by (1) the company-industry classification assigned by IRS in preparing the tabulations of corporate tax returns and (2) the establishment-industry classification assigned by the Census Bureau in the economic censuses. For the estimates for 1982 forward, the conversion is based on a matrix of establishment employment from the 1982 Economic Censuses that covers all nonfarm industries except railroads and private households. For earlier years,

the conversion is based both on the 1982 matrix and on a 1972 matrix that covered only mining, construction, manufacturing, trade, and selected services industries. For all years, information from Department of Energy tabulations of establishment-industry distributions of net income and depreciation of energy companies is used to convert IRS data for integrated petroleum companies. Adjustments to the results of the matrix are made, when necessary, to reflect publicly available information about

Table 5.—Major Sources for Current-Dollar Gross Product Originating by Industry

| Component | Major source data | Industrial distribution | |
|--|---|---------------------------------------|--|
| | | Distribution available in source data | Data or assumption used if establishment-industry distribution is not available in source data |
| Compensation of employees: | | | |
| Wages and salaries | BLS tabulations of wages and salaries of employees covered by State unemployment insurance and Office of Personnel Management data on wages and salaries of Federal Government employees. | Establishment | |
| Employer contributions for social insurance .. | Federal budget data | None | Social Security Administration and BLS tabulations. |
| Other labor income | Trade association data and IRS tabulations of business tax returns. | None | Census Bureau and IRS tabulations. |
| Proprietors' income with inventory valuation adjustment: | | | |
| Farm | Department of Agriculture farm statistics | Establishment | |
| Nonfarm: | | | |
| Proprietors' income | IRS tabulations of business tax returns | Company | Assumed to be equivalent to an establishment-industry distribution. |
| Inventory valuation adjustment | BLS prices and Census Bureau inventory data. | Establishment | |
| Rental income of persons | Census Bureau American Housing Survey, BLS Consumer Expenditures Survey, and IRS tabulations of business and individual tax returns. | Establishment | |
| Corporate profits with inventory valuation adjustment: | | | |
| Corporate profits before tax | IRS tabulations of business tax returns | Company | Census Bureau and Department of Energy data relating company-industry and establishment-industry data. |
| Inventory valuation adjustment | BLS prices and Census Bureau inventory data. | Establishment | |
| Net interest: | | | |
| Corporate | IRS tabulations of business tax returns | Company | None. |
| Noncorporate | IRS tabulations of business tax returns | Company | Assumed to be equivalent to an establishment-industry distribution. |
| Business transfer payments | Trade association data and IRS tabulations of business tax returns. | Company | Industry-specific payments are assigned to those industries; others are based on IRS industry distribution. |
| Indirect business tax and nontax liability | Federal budget data and Census Bureau data on State and local governments. | None | Industry-specific payments are assigned to those industries; property taxes are based on BEA capital stock distribution. |
| Subsidies less current surplus of government enterprises. | Federal budget data and Census Bureau data on State and local governments. | Establishment | |
| Capital consumption allowances: | | | |
| Corporate | IRS tabulations of business tax returns | Company | Same as corporate profits before tax. |
| Noncorporate | IRS tabulations of business tax returns | Company | Assumed to be equivalent to an establishment-industry basis. |

BLS Bureau of Labor Statistics
 IRS Internal Revenue Service

large mergers, acquisitions, or changes in company diversification that have occurred since 1982.

Constant-dollar estimates: An overview

The constant-dollar GPO estimates are prepared in one of three ways: Double deflation, extrapolation, or direct deflation. The method chosen depends on the availability of source data.

- In the double-deflation method, constant-dollar GPO is derived as the difference between constant-dollar gross output and constant-dollar intermediate inputs. When complete and consistent current-dollar series are available for gross output and for intermediate inputs, these series are deflated, and constant-dollar GPO is measured as the difference between them.⁷ In most cases, however, suitable current-dollar intermediate input series are not available; in these cases, intermediate inputs are obtained by deducting current-dollar GPO from current-dollar gross output and then deflating the inputs for use in the calculation of constant-dollar output minus constant-dollar inputs.
- In the extrapolation method, constant-dollar GPO is derived by extrapolating the base-year value of GPO (for which the current-dollar value equals the constant-dollar value) by an

indicator series, which usually is the number of persons engaged in production or of hours worked.

- In the direct-deflation method, constant-dollar GPO is derived by deflating current-dollar GPO, usually using gross output prices or earnings.

Generally, double deflation is the conceptually preferred method because it measures GPO in the same way that GPO is defined. Moreover, assuming the availability of appropriate source data, double deflation is preferred because it allows for changes over time in the relationships between gross output and inputs. The extrapolation method will yield the correct results if the rates of change in constant-dollar gross output and inputs are the same. The direct-deflation method will yield the correct results if the deflators for both constant-dollar gross output and inputs are the same.

Double deflation is not the preferred method for the three industries—private households, Federal general government, and State and local general government—for which gross output and GPO are defined as employee compensation. For these industries, the most appropriate method is extrapolation by an indicator of labor input that reflects changes in productivity.

Double deflation was not used for 11 industries for which it is the preferred method, because adequate source data are not available to prepare estimates of current-dollar gross output or of constant-dollar gross output or of both. Extrapolation or direct deflation was used for water

7. In international literature, this is the method usually referred to as "double deflation." That literature is often couched in terms of input-output or production accounts by industry, where gross output and intermediate inputs are displayed. See, for example, United Nations, *Manual on National Accounts at Constant Prices*, Statistical Papers, Series M, No. 64 (New York: United Nations, 1979): 8–11.

Industrial Classification

The distribution of the GPO of private industries is based on the Standard Industrial Classification (SIC), a system that provides a classification for establishments (that is, economic units, generally at a single physical location, where business is conducted or where services or industrial operations are performed). Establishments are classified into an SIC industry on the basis of their principal product or service. Thus, establishment data cover both the principal products included in the SIC and the products of these establishments that are primary to other SIC industries. Industrial distributions for government activities are not provided; separate estimates are shown for the activities of the Federal Government, of State and local governments, and of government enterprises.¹

The GPO estimates of private industries for 1987 forward are presented on the basis of the 1987 SIC. Estimates for earlier years are presented on the basis of the 1972 SIC; they have not been adjusted to the 1987 SIC because of a lack of adequate source data. To provide a link between the two classifications, the estimates for 1987 are also presented on the basis of the 1972 SIC. (Industry source data for years after 1987 are available only on the 1987 SIC basis.) For the following 1987 SIC industries, there are significant differences between the 1972 SIC and the 1987 SIC at the level of detail that GPO is presented: In manufacturing, electronic and other electrical equipment (SIC 36) and instruments and related products (SIC 38); in communications, telephone and telegraph (SIC 481, 482, and 489) and radio and television (SIC 483 and 484); in FIRE, depository institutions (SIC 60) and nondepository institutions (SIC 61); and in services, business services (SIC 73) and other services (SIC 84, 87, and 89).

1. For additional information on industrial distributions presented in the NIPA's, see U.S. Department of Commerce, Bureau of Economic Analysis, *National Income and Product Accounts of the United States: Volume 2, 1959–88* (Washington, DC: U.S. Government Printing Office, September 1992): M-12.

transportation; transportation services; banking (“depository institutions” in the 1987 SIC); credit agencies other than banks (“nondepository institutions” in the 1987 SIC); real estate other than nonfarm housing services; holding and investment offices; business services; social services and membership organizations; miscellaneous professional services (“other services” in the 1987 SIC); and government enterprises, Federal and State and local. The key source data used in the preparation of GPO for all industries for which double

deflation is not used are shown in table 6. For general government and private households, the GPO estimates are those prepared for the national income and product accounts (NIPA’s).

The constant-dollar GPO estimates, calculated as described above, are summed, and the result is compared with constant-dollar GDP estimated as the sum of expenditure components. It is BEA’s judgment that the expenditures estimates are the more accurate. Thus, when the difference between the total of the GPO industry estimates and

Table 6.—Methods for Estimating Constant-Dollar Gross Product Originating

| Industry ¹ | Method | Major source data ² |
|--|------------------------|---|
| Agriculture, forestry, and fisheries | Double deflation | |
| Mining | Double deflation | |
| Construction | Double deflation | |
| Manufacturing | Double deflation | |
| Transportation: | | |
| Railroad transportation | Double deflation | |
| Local and interurban passenger transit | Double deflation | |
| Trucking and warehousing | Double deflation | |
| Water transportation | Extrapolation | BEA persons engaged in production. |
| Transportation by air | Double deflation | |
| Pipelines, except natural gas | Double deflation | |
| Transportation services | Extrapolation | BEA persons engaged in production. |
| Communications | Double deflation | |
| Electric, gas, and sanitary services | Double deflation | |
| Wholesale trade | Double deflation | |
| Retail trade | Double deflation | |
| Finance, insurance, and real estate: | | |
| Depository institutions | Extrapolation | BEA persons engaged in production. |
| Nondepository institutions | Extrapolation | BEA persons engaged in production. |
| Security and commodity brokers | Double deflation | |
| Insurance carriers | Double deflation | |
| Insurance agents and brokers, and service | Double deflation | |
| Real estate: | | |
| Nonfarm housing services | Double deflation | |
| Other real estate | Direct deflation | Index of rent for office buildings from trade source and BEA estimates. |
| Holding and other investment offices | Extrapolation | BEA persons engaged in production. |
| Services: | | |
| Hotels and other lodging places | Double deflation | |
| Personal services | Double deflation | |
| Business services | Extrapolation | BLS employment weighted by Census Bureau receipts. |
| Auto repair, services, and parking | Double deflation | |
| Miscellaneous repair services | Double deflation | |
| Motion pictures | Double deflation | |
| Amusement and recreation services | Double deflation | |
| Health services | Double deflation | |
| Legal services | Double deflation | |
| Educational services | Double deflation | |
| Social services and membership organizations | Direct deflation | BEA average wages and salaries per full-time equivalent employee. |
| Other services | Direct deflation | BEA average wages and salaries per full-time equivalent employee. |
| Private households | Direct deflation | BLS prices. |
| Government: | | |
| General government | Extrapolation | BEA hours worked weighted by BEA measures of experience and education. |
| Government enterprises | Extrapolation | BEA and Census Bureau employment and BLS output indexes. |

1. Titles are for the 1987 SIC; methods also apply to comparable industry in the 1972 SIC.
 2. Source data provide either a price index for deflation of gross product originating or a quantity extrapolator of base-year value of gross product originating.

BEA Bureau of Economic Analysis
 BLS Bureau of Labor Statistics

total GDP—termed the “residual”—is large, the GPO estimates may be adjusted to bring their total closer to GDP. For the estimates presented in this article, no adjustments were made.

Constant-dollar estimates: Double-deflation method

In the GPO estimates, double-deflation is used for most industries, as shown in table 6. Complete and consistent gross output and intermediate inputs series are available for only two industries, farms and nonfarm housing services; for these industries, constant-dollar GPO is measured as the difference between constant-dollar gross output and constant-dollar inputs. (These GPO estimates are those prepared for the NIPA's.) For all other double-deflated industries, only a gross output series consistent with the current-dollar GPO series is available. This section describes the constant-dollar methodology for these industries; the first part of this section discusses gross output estimates for these industries, and the last two parts discuss the estimates of current- and constant-dollar intermediate inputs.

Gross output.—Table 7 provides a summary description of the principal source data used to prepare the gross output estimates. For current-dollar gross output, the table shows the series used to extrapolate or interpolate the benchmark values. For constant-dollar gross output, it shows the price index used to deflate current-dollar gross output or the quantity indicator used to extrapolate the base-year value.

The estimates of gross output are based primarily on gross output as estimated for BEA's 1977 and 1982 benchmark input-output (I-O) tables and on information from the forthcoming 1987 benchmark I-O table. The industry distributions in these I-O tables do not follow the SIC exactly, because some activities are moved, or redefined, to other industries in order to create industries with homogeneous input structures; the changes facilitate analysis with I-O tables. Activities that are moved include both new construction and maintenance and repair construction, which are shifted to the construction industry; service commodities produced at trade establishments, which are shifted to services; and all trade output (margin) from selling goods, which is shifted to trade. For the GPO estimates, I-O output and input estimates were adjusted to follow the SIC.⁸

Current-dollar intermediate inputs.—The composition of current-dollar intermediate inputs is derived in four steps:

- (1) The input compositions for 1977, 1982, and 1987 are derived from the I-O tables;
- (2) The input compositions for 1978–81 and for 1983–86 are estimated by interpolating the detailed compositions from 1977, 1982, and 1987;
- (3) The imported and domestically produced shares of each detailed input for 1977–87 are estimated; and
- (4) The input compositions for 1988–90 are estimated, primarily based on the 1987 composition.

In the first step, the input compositions for 1977 and 1982 are from benchmark I-O tables, after which they are converted to an SIC basis and aggregated to the GPO industry level of detail. The inputs in the I-O tables are estimated largely from economic census reports on purchased goods and services. Because the 1987 I-O table is an update of the 1982 table, the input composition for 1987 is estimated using an indirect method. (Estimates of inputs from the forthcoming benchmark 1987 I-O table were not available.) In BEA's annual I-O tables, initial estimates of inputs are prepared with the assumption that both constant-dollar gross output and inputs have changed at the same rates since the last benchmark table. These initial estimates are subsequently modified so that the sum of industry inputs and final uses equals the directly measured output of these industries. For the revised GPO estimates, these modified estimates for 1987 were converted to an SIC basis and adjusted to take into account some of the data on purchased goods and services collected in the 1987 Economic Censuses and in the 1987 Assets and Expenditures Surveys. The SIC-converted I-O input estimates for 1977, 1982, and 1987 were scaled to sum to the total intermediate inputs derived as gross output less GPO. In general, the composition was estimated for the approximately 5,000 detailed commodity items used to prepare the I-O tables. This detail is substantially greater than the roughly 550 commodities published for the benchmark tables. The greater detail allows for the use of more detailed prices in calculating constant-dollar inputs.

In the second step, input compositions for 1978–81 and for 1983–86 are derived by interpolating, at the detailed input level, between the 1977 and 1982 estimates and between the 1982 and 1987

8. For additional information on I-O classifications, see U.S. Department of Commerce, Bureau of Economic Analysis, *The 1982 Benchmark Input-Output Accounts of the United States* (Washington, DC: U.S. Government Printing Office, December 1991): M-2.

estimates. For manufacturing for all years, the cost of purchased materials, of fuels, and of electricity from the annual survey of manufactures were used as interpolator series. For most non-manufacturing industries for 1978–81, the cost of purchased fuels and of electricity from the National Energy Accounts were used as interpolator series. (These accounts were prepared by the Commerce Department's Office of Business Analysis.) The results of the interpolations for each year were scaled to sum to the total intermediate inputs derived as gross output less GPO.

In the third step, the shares of intermediate inputs accounted for by imports for 1977, 1982, and 1987 are estimated from the detailed commodity items from the corresponding I-O tables, based on the assumption that the proportion of imports used as intermediate inputs to total inputs is the same for all industries using that input. For 1978–81, import shares at the same level of detail are derived by interpolating the 1977 and 1982 shares. For 1983–86, the import shares are derived by using Census Bureau import data together with interpolations of the 1982 and 1987 proportions of imports used as intermediate inputs.

In the fourth step, the 1987 composition of inputs was used as the composition for most industries for 1988–90. However, for three industries—construction, fabricated metal products, and industrial machinery and equipment—the input compositions were adjusted for consistency with the constant-dollar inputs, the estimates of which were derived as described in the next paragraph.

Constant-dollar intermediate inputs.—The constant-dollar estimates of intermediate inputs are prepared by deflating each of the detailed current-dollar inputs, with imports and domestic

production being deflated separately. For three industries—construction, fabricated metal products, and industrial machinery and equipment—constant-dollar inputs for 1988–90 were estimated by assuming no change in the constant-dollar relationship in 1987 between inputs and gross output. These exceptions were made because the input compositions for these industries appeared to have changed after 1987 to the extent that use of the 1987 composition would result in significant errors in the estimates of constant-dollar inputs. (In future years, estimates of the composition of inputs for these industries will be incorporated, and these assumptions will be revised.)

Prices for domestically produced intermediate inputs were largely based on the prices used to prepare the constant-dollar estimates of gross output, as shown in table 7. For service prices, additional detail is shown in table 8.

The import prices were developed from a variety of sources. Import prices for energy commodities are based on estimates from the National Energy Accounts and on Department of Energy prices. Import prices for nonenergy mineral industry commodities are based on price data from the Bureau of Mines. Import prices for most other goods are from the Bureau of Labor Statistics (BLS) import price series and are the same as those used for the NIPA estimates of imports. For years before 1981, however, many of the detailed BLS import prices are not available. For those years, estimates primarily reflect rates of change of more aggregate BLS import prices; where aggregate indexes were not available, they reflect rates of change in corresponding domestic prices, based on the producer price indexes.


Tables 7 through 12 follow. 

Table 7.—Principal Source Data and Estimating Methods Used in Preparing Estimates of Gross Output for Use in Double Deflation

| Industry ¹ | Current dollars | Constant dollars |
|--|--|---|
| | Extrapolator or interpolator of benchmark values ² | Price index for deflation or quantity extrapolator of base-year value |
| Agriculture, forestry, and fisheries: | | |
| Farms | Cash receipts from marketings, inventory change, and other receipts from USDA. | Prices received by farmers from USDA. |
| Agricultural services, forestry, and fisheries: | | |
| Agricultural services | Receipts for agricultural services, forestry, and fisheries from IRS tabulations of business tax returns less gross output of forestry and fisheries. | Index of selected prices paid by farmers from USDA. |
| Forestry | Shipments of logging camps and contractors from Census Bureau quinquennial census and annual survey. | PPI's. |
| Fisheries | Value of fish landed from NOAA | Fish landed from NOAA. |
| Mining: | | |
| Metal mining | Physical quantity produced times average price: For uranium, physical quantity and average price from DOE; for all others, quantities and prices from BOM. | Quantity produced from BOM. |
| Coal mining | Physical quantity produced times average price, both from DOE ... | Quantity produced from DOE. |
| Oil and gas extraction: | | |
| Oil and gas extraction | Physical quantity produced times average price, both from NEA's through 1985 and from DOE for 1986 forward. | Quantity produced from NEA's and DOE. |
| Oil and gas field services | Petroleum and natural gas well drilling and exploration: Footage drilled and cost per foot from trade sources. | Footage drilled from trade source. |
| Nonmetallic minerals, except fuels ... | Physical quantity produced times average price, both from BOM ... | Quantity produced from BOM. |
| Construction: | | |
| For the Department of Defense | Expenditures from DOD | For most military construction, BEA indexes based on DOD prices; for other construction, cost indexes from trade sources and government agencies. |
| For State and local highways | Expenditures from Census Bureau annual survey of government spending. | For new construction, cost indexes from government agencies; for maintenance and repair, CPI for home maintenance and repair services. |
| For private electric and gas utilities .. | Expenditures from Federal regulatory agencies and trade source .. | Cost indexes from trade sources and government agencies. |
| For farms, excluding residential | Expenditures from USDA | Cost index from trade source and price deflator for new single-family houses under construction from Census Bureau. |
| For other nonresidential: | | |
| New construction | Value put in place from Census Bureau construction survey | Cost indexes from trade sources and government agencies and price deflator for new single-family houses under construction from Census Bureau. |
| Maintenance and repair | Value put in place from Census Bureau construction survey | CPI for home maintenance and repair services. |
| For other residential: | | |
| New construction | Value put in place from Census Bureau construction survey | Price deflator of new single-family houses under construction from Census Bureau. |
| Maintenance and repair | Expenditures by owner-occupants from BLS survey and by landlords from Census Bureau survey. | CPI for home maintenance and repair services. |
| Manufacturing | Shipments and inventory change from Census Bureau annual survey. | PPI's, BEA computer price index, and BEA price indexes based on DOD prices paid for military equipment. |
| Transportation: | | |
| Railroad transportation | Total operating revenue for Class I railroads and AMTRAK | Composite index of IPD for Class I freight, from revenue ton-miles from trade source, and of IPD for AMTRAK passenger, from passenger miles from NRPC. |
| Local and interurban passenger transit: | | |
| Taxicabs | PCE | CPI for taxi fares. |
| Intercity buses | Operating revenues from trade source | Passenger miles from ICC and trade source. |
| School buses | Wages and salaries from BLS | Employment from BLS. |
| Other local transit | Operating revenues of private local transit systems from trade source. | Passenger trips from trade source. |
| Trucking and warehousing | For 1977-83, operating revenues for Class I motor carriers of property from ICC; for 1984 forward, Census Bureau annual survey. | Ton-miles from DOT. |
| Transportation by air | Operating revenues of air carriers and of Federal Express from DOT and public sources. | For passenger, revenue passenger miles for domestic and for international travel from DOT. For freight and mail, ton-miles for domestic and international freight and for domestic and international mail from DOT. For all other, composite index of IPD for passenger, freight, and mail. |
| Pipelines, except natural gas | Operating revenues from trade source | Ton-miles from trade source. |
| Communications: | | |
| Radio and television broadcasting | Advertising expenditures from trade source; PCE for cable television. | For advertising, cost indexes from trade source. For cable television, CPI for cable television. |
| Telephone and telegraph | Revenues from FCC | PPI's. |
| Electric, gas, and sanitary services: | | |
| Electric utilities | For private utilities, revenues from DOE. For rural cooperatives, revenues from USDA. | Kilowatt hours from trade source. |
| Gas utilities | Revenues of gas pipeline and utilities from trade source | BTU's from trade source. |
| Sanitary services | Receipts from IRS tabulations of business tax returns | CPI for water and sewerage maintenance. |

Table 7.—Principal Source Data and Estimating Methods Used in Preparing Estimates of Gross Output for Use in Double Deflation—Continued

| Industry ¹ | Current dollars | Constant dollars |
|--|---|--|
| | Extrapolator or interpolator of benchmark values ² | Price index for deflation or quantity extrapolator of base-year value |
| Wholesale trade: | | |
| Merchant wholesalers | Ratio of gross margin to sales (margin rate) times sales: For 1977-82, margin rate from quinquennial census and sales from Census Bureau annual survey; for 1983 forward, both from annual survey. | Sales deflated by PPI's. |
| Manufacturers' sales branches and sales offices. | For equipment rental, interpolation of quinquennial census receipts; for 1988 forward, judgmental trend. For other receipts, manufacturing shipments from Census Bureau annual survey. | For equipment rental, IPD from BEA capital stock statistics For other receipts, shipments deflated by PPI's. |
| Agents and brokers | Merchant wholesalers margin rate times sales: For 1977-82, margin rate from quinquennial census and sales from Census Bureau annual survey; for 1983 forward, both from annual survey. | Merchant wholesalers sales deflated by PPI's. |
| Retail trade: | | |
| Eating and drinking places | Sales from quinquennial census and from Census Bureau annual survey. | CPI's. |
| Other | Ratio of gross margin to sales (margin rate) times sales: For 1977-82, margin rate from quinquennial census and sales from Census Bureau annual survey; for 1983 forward, both from annual survey. | Sales deflated by CPI's. |
| Finance, insurance, and real estate: | | |
| Security and commodity brokers | Securities commissions, revenue from sale of investment company securities, profits on underwriting/selling, gains on trading accounts and other revenues excluding interest, and revenues earned by exchanges; receipt items from SEC and interest from SEC and BEA. | For securities commissions, number of public securities orders from SEC and trade sources; for mutual funds, IPD for securities commissions; for underwriting, new securities registrations from SEC and trade sources; for other revenue for 1977-87, BEA price from trade source data on merger and acquisition fees; for all others, IPD for GDP. |
| Insurance carriers | Net premiums for health, auto, accident, property, and workers' compensation insurance from trade sources; PCE for expense of handling life insurance. | For health and life insurance, IPD's for PCE. For all others, composite index of BEA IPD for workers' compensation and CPI for auto and property insurance. |
| Insurance agents and brokers, and services. | Receipts from IRS tabulations of business tax returns | Insurance carrier deflators weighted by commissions from trade source. |
| Real estate: | | |
| Nonfarm housing services | PCE for owner- and tenant-occupied nonfarm dwellings | IPD for PCE. |
| Services: | | |
| Hotels and other lodging places | Receipts from Census Bureau quinquennial census and annual survey. | Room-rate index from trade source. |
| Personal services | Receipts from Census Bureau quinquennial census and annual survey. | CPI's. |
| Automotive repair, services, and parking. | Receipts from Census Bureau quinquennial census and annual survey. | CPI's. |
| Miscellaneous repair services | Receipts from Census Bureau quinquennial census and annual survey. | CPI's and average annual earnings from BLS. |
| Motion pictures | Receipts from Census Bureau quinquennial census and annual survey. | CPI for admissions. |
| Amusement and recreation services . | Receipts from Census Bureau quinquennial census and annual survey. | CPI's. |
| Health services: | | |
| Hospitals | Receipts from trade sources | HCFA index of input prices and CPI for hospital room. |
| Other health services | Receipts from Census Bureau quinquennial census and annual survey. | CPI's and HCFA index of input prices. |
| Legal services | Receipts from Census Bureau quinquennial census and annual survey. | CPI for legal services. |
| Educational services | PCE for private education | IPD for PCE. |

1. Source data and estimating methods apply to both the 1972 SIC and 1987 SIC definition of the industries shown in this table. Industry titles are 1987 SIC titles. 2. Benchmark values are derived from 1977, 1982, and 1987 input-output tables.

BEA Bureau of Economic Analysis (DOC)
 BLS Bureau of Labor Statistics
 BOM Bureau of Mines
 CPI Consumer Price Index (BLS)
 DOC U.S. Department of Commerce
 DOD U.S. Department of Defense
 DOE U.S. Department of Energy

DOT U.S. Department of Transportation
 EIA Energy Information Administration (DOE)
 FCC Federal Communications Commission
 HFCA Health Care Financing Administration
 ICC Interstate Commerce Commission
 IPD Implicit price deflator
 IRS Internal Revenue Service

NEA National Energy Accounts (DOC, Office of Business Analysis)
 NOAA National Oceanic and Atmospheric Administration (DOC)
 NRPC National Railroad Passenger Corporation
 PCE Personal consumption expenditures
 PPI Producer Price Index (BLS)
 SEC Securities and Exchange Commission
 USDA U.S. Department of Agriculture

Table 8.—Principal Sources of Service Input Prices

| Service input ¹ | Source ² |
|--|---|
| Agricultural services | IPD for agricultural services gross output. |
| Railroad transportation: | |
| Dining car receipts, business travel | CPI for food away from home. |
| Rail freight transportation | IPD for freight gross output. |
| Other railroad services | IPD for freight gross output. |
| Local and interurban passenger transit: | |
| Services from local private transit systems | IPD for local transit system gross output. |
| Taxicabs | CPI for taxi fares. |
| Other | IPD for intercity buses gross output. |
| Trucking and warehousing | IPD for trucking and warehousing gross output. |
| Water transportation | PPI's for water transportation. |
| Transportation by air: | |
| Domestic passenger | IPD for domestic passenger gross output. |
| International passenger | IPD for international passenger gross output. |
| Freight and express | IPD for freight and express gross output. |
| Other air services | IPD for transportation by air. |
| Pipelines, except natural gas | IPD for pipelines, except natural gas gross output. |
| Transportation services: | |
| Private carline services | IPD for boxcar rental. |
| Other | IPD for transportation services gross output. |
| Telephone and telegraph: | |
| Telephone | IPD for telephone gross output. |
| Telegraph services | PPI for telephone services. |
| Radio and television broadcasting | IPD for radio and television broadcasting gross output. |
| Electric, gas, and sanitary services: | |
| Electric utilities | PPI for electric power. |
| Gas pipeline | IPD for gas pipeline gross output. |
| Gas utilities | IPD for gas utility gross output. |
| Sanitary services | CPI for water and sewerage maintenance. |
| Wholesale trade: | |
| Merchant wholesalers and agents and brokers | IPD for merchant wholesalers and agents and brokers gross output. |
| Manufacturers' sales offices and sales branches | IPD for manufacturers' sales offices and sales branches gross output. |
| Retail trade: | |
| Eating and drinking | IPD for eating and drinking gross output. |
| Other | IPD for other retail trade gross output. |
| Depository institutions: | |
| Imputed service charges | IPD for financial services furnished without payment by commercial banks. |
| Other | CPI for personal financial services. |
| Nondepository institutions: | |
| Imputed service charges | IPD for financial services furnished without payment by savings and loan associations. |
| Other | CPI for personal financial services. |
| Security and commodity brokers: | |
| Securities underwriting | IPD for underwriting gross output. |
| Securities commissions | IPD for securities commissions gross output. |
| Services allied with exchange of securities | IPD for security and commodity brokers gross output. |
| Other services | BEA price index for merger and acquisition fees for 1977-87; IPD for GDP, 1988 forward. |
| Insurance carriers: | |
| Automobile insurance | CPI for automobile insurance. |
| Nonlife insurance services, except automobile | CPI for property and household insurance. |
| Other | IPD for insurance carrier gross output. |
| Insurance agents and brokers, and services | IPD for insurance agents and brokers, and services gross output. |
| Real estate services: | |
| Nonfarm business rental and property management | Rental rate per square foot from trade source. |
| Farm rental | IPD for rental value of farm housing PCE. |
| Rent paid by nonprofits | IPD for capital consumption allowance of nonprofit organizations. |
| Royalties for oil and gas mining | IPD for oil and gas extraction gross output. |
| Royalties, except oil and gas mining | IPD for PCE. |
| Condominium association fees and assessments by cooperatives | CPI for home maintenance and repair services. |
| Other | IPD for other real estate gross output. |
| Personal services: | |
| Funeral and burial expenses | CPI for funeral expenses. |
| Other | CPI for laundry and dry cleaning. |
| Business services: | |
| Advertising | Cost indexes by type of media from trade sources. |
| Maintenance, cleaning, disinfecting, and exterminating | CPI for home maintenance and repair services. |

Table 8.—Principal Sources of Service Input Prices—Continued

| Service input ¹ | Source ² |
|---|--|
| Photofinishing | IPD for film development PCE. |
| Other business services | IPD for business services gross output. |
| Auto repair, services, and parking: | |
| Repairs, tire retreading, parking, and washing | CPI for automobile maintenance and repair. |
| Other | CPI for other auto-related fees. |
| Miscellaneous repair services: | |
| Radio, TV, refrigeration and air conditioning, and electrical and electronic repairs. | CPI for appliance and furniture repairs. |
| Other | CPI for maintenance and repair. |
| Motion pictures services | CPI for admissions. |
| Amusement and recreation services: | |
| Sports, recreation, and amusements | CPI for other entertainment services; BEA composite index of input prices. |
| Theatrical, dance, symphony, and spectator sports productions | CPI for admissions. |
| Health services: | |
| Physicians services | CPI for physicians. |
| Other | CPI for other medical professionals. |
| Legal services | CPI for legal services. |
| Education services: | |
| Vocational schools, except high schools | IPD for commercial and vocational schools PCE. |
| Higher education and related services | IPD for private higher education PCE. |
| Social services | Average annual earnings from BLS. |
| Membership organizations: | |
| Membership organization expenses | BEA composite index of input prices. |
| Business associations | Average annual earnings from BLS. |
| Professional organizations | BEA composite index of input prices. |
| Other services: | |
| Noncommercial museums and art galleries | IPD for other services gross output. |
| Accounting, auditing, and bookkeeping services | CPI for personal financial and legal services fees. |
| Other | IPD for other services gross output. |
| Government enterprises: | |
| Postal services | PPI's for seven types of services. |
| Imported services: | |
| Rail freight transportation | PPI for railroad freight. |
| Water transportation, n.e.c. | Charter prices from trade source. |
| Air transportation fares | BLS import price index for air passenger fares. |

1. For this table, services consist of the primary outputs of (1) private businesses in the agricultural services, transportation and public utilities, trade, finance, insurance, and real estate, and services industries as defined by the 1987 Standard Industrial Classification, and (2) similar services provided by government enterprises. Prices for imported services are shown separately at the end of the table if they differ from prices used for corresponding domestic services.

2. Sources of price indexes for gross output IPD's, except for other transportation, other real estate, business services and for other services, are shown in table 4. The IPD's for the gross output for these two industries were estimated from the IPD's for GPO for these industries and from information on inputs from the input-output tables.

| | |
|-----|-----------------------------------|
| BEA | Bureau of Economic Analysis |
| BLS | Bureau of Labor Statistics |
| CPI | Consumer Price Index |
| GDP | Gross domestic product |
| GPO | Gross product originating |
| IPD | Implicit price deflator |
| PCE | Personal consumption expenditures |
| PPI | Producer Price Index |

Table 9.—Gross Domestic Product by Industry in Current Dollars
[Billions of dollars]

| | Line | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987* | 1987* | 1988 | 1989 | 1990 |
|--|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Gross domestic product | 1 | 1,974.1 | 2,232.7 | 2,488.6 | 2,708.0 | 3,030.6 | 3,149.6 | 3,405.0 | 3,777.2 | 4,038.7 | 4,268.6 | 4,539.9 | 4,539.9 | 4,900.4 | 5,250.8 | 5,522.2 |
| Private industries | 2 | 1,716.1 | 1,954.6 | 2,180.9 | 2,370.2 | 2,661.7 | 2,769.0 | 2,979.9 | 3,340.4 | 3,570.8 | 3,755.3 | 4,019.4 | 4,019.4 | 4,344.0 | 4,622.2 | 4,842.7 |
| Agriculture, forestry, and fisheries | 3 | 54.4 | 63.3 | 74.6 | 66.7 | 81.1 | 77.0 | 62.7 | 83.7 | 84.3 | 81.7 | 88.5 | 88.5 | 90.8 | 104.8 | 111.3 |
| Farms | 4 | 47.2 | 54.7 | 64.5 | 56.1 | 69.9 | 65.1 | 49.2 | 68.5 | 67.1 | 62.9 | 66.0 | 66.0 | 67.6 | 81.1 | 85.0 |
| Agricultural services, forestry, and fisheries | 5 | 7.2 | 8.6 | 10.1 | 10.6 | 11.2 | 11.9 | 13.6 | 15.2 | 17.2 | 18.8 | 22.5 | 22.5 | 23.2 | 23.7 | 26.3 |
| Mining | 6 | 54.1 | 61.4 | 71.2 | 112.6 | 148.1 | 146.1 | 127.9 | 137.1 | 130.6 | 82.7 | 83.0 | 83.0 | 87.9 | 84.2 | 98.5 |
| Metal mining | 7 | 2.2 | 2.6 | 3.8 | 4.4 | 4.4 | 3.2 | 3.3 | 3.2 | 2.5 | 2.5 | 2.6 | 2.6 | 4.8 | 5.2 | 5.6 |
| Coal mining | 8 | 10.3 | 10.9 | 12.2 | 13.6 | 14.6 | 16.0 | 13.4 | 14.6 | 13.8 | 14.0 | 12.5 | 12.5 | 12.5 | 12.9 | 13.3 |
| Oil and gas extraction | 9 | 38.0 | 43.5 | 50.3 | 89.1 | 124.0 | 122.6 | 106.3 | 113.0 | 108.4 | 59.5 | 60.8 | 60.8 | 63.2 | 58.8 | 71.8 |
| Nonmetallic minerals, except fuels | 10 | 3.6 | 4.4 | 4.8 | 5.5 | 5.0 | 4.3 | 4.9 | 6.2 | 5.9 | 6.7 | 7.2 | 7.2 | 7.3 | 7.4 | 7.8 |
| Construction | 11 | 93.9 | 110.7 | 124.8 | 128.7 | 129.4 | 129.4 | 137.9 | 161.2 | 179.2 | 201.9 | 213.0 | 213.0 | 227.6 | 235.9 | 241.3 |
| Manufacturing | 12 | 466.8 | 521.9 | 575.7 | 588.3 | 653.0 | 647.5 | 693.3 | 773.9 | 798.5 | 829.3 | 878.4 | 877.8 | 961.0 | 1,004.6 | 1,018.3 |
| Durable goods | 13 | 277.7 | 317.5 | 343.8 | 348.9 | 385.3 | 372.9 | 396.0 | 461.2 | 471.5 | 480.0 | 503.2 | 501.9 | 541.1 | 562.6 | 563.4 |
| Lumber and wood products | 14 | 16.3 | 19.6 | 21.6 | 19.2 | 17.4 | 16.5 | 21.4 | 24.1 | 23.6 | 26.6 | 31.0 | 31.3 | 31.6 | 32.6 | 31.6 |
| Furniture and fixtures | 15 | 6.5 | 7.5 | 7.5 | 8.4 | 9.2 | 9.3 | 10.7 | 12.1 | 13.6 | 14.2 | 15.2 | 15.2 | 15.7 | 15.5 | 16.0 |
| Stone, clay, and glass products | 16 | 15.0 | 17.4 | 18.7 | 18.0 | 17.9 | 15.7 | 19.1 | 22.2 | 23.7 | 26.3 | 24.8 | 24.0 | 24.3 | 25.1 | 25.1 |
| Primary metal industries | 17 | 33.4 | 40.5 | 45.0 | 44.2 | 49.4 | 36.5 | 32.4 | 39.3 | 35.7 | 36.9 | 36.3 | 36.3 | 43.3 | 45.7 | 43.4 |
| Fabricated metal products | 18 | 35.2 | 39.3 | 44.0 | 45.4 | 48.9 | 46.0 | 47.2 | 54.2 | 57.4 | 57.7 | 59.2 | 59.3 | 63.0 | 66.6 | 67.9 |
| Machinery, except electrical | 19 | 54.9 | 63.5 | 70.7 | 76.7 | 86.1 | 81.0 | 79.2 | 87.1 | 87.0 | 80.2 | 87.1 | 87.1 | 100.4 | 106.1 | 111.4 |
| Industrial machinery and equipment | 20 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Electric and electronic equipment | 21 | 39.3 | 44.2 | 48.5 | 54.5 | 61.3 | 60.5 | 67.6 | 80.0 | 83.5 | 84.9 | 91.3 | 91.3 | 88.2 | 100.4 | 106.1 |
| Electronic and other electric equipment | 22 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Motor vehicles and equipment | 23 | 36.8 | 39.7 | 37.5 | 28.8 | 35.4 | 33.9 | 42.7 | 54.0 | 58.3 | 57.9 | 58.5 | 58.7 | 80.6 | 86.9 | 81.2 |
| Other transportation equipment | 24 | 19.1 | 21.7 | 24.4 | 26.3 | 25.3 | 38.6 | 39.9 | 46.3 | 48.2 | 53.6 | 57.5 | 56.6 | 56.4 | 59.6 | 65.7 |
| Instruments and related products | 25 | 13.4 | 15.4 | 16.9 | 19.5 | 22.7 | 23.4 | 24.8 | 27.7 | 26.8 | 27.6 | 27.3 | 40.4 | 49.7 | 51.8 | 56.4 |
| Miscellaneous manufacturing industries | 26 | 7.8 | 8.6 | 9.1 | 9.8 | 11.7 | 11.4 | 11.0 | 14.2 | 13.9 | 14.1 | 15.0 | 15.0 | 17.0 | 18.4 | 18.8 |
| Non-durable goods | 27 | 189.1 | 204.5 | 231.9 | 239.4 | 267.7 | 274.6 | 297.3 | 312.7 | 327.0 | 349.3 | 375.2 | 375.9 | 419.9 | 442.0 | 454.9 |
| Food and kindred products | 28 | 42.7 | 44.8 | 47.8 | 51.8 | 57.9 | 63.0 | 65.1 | 69.8 | 71.7 | 73.7 | 78.9 | 78.9 | 82.8 | 87.7 | 94.5 |
| Tobacco manufactures | 29 | 5.6 | 6.3 | 6.7 | 7.1 | 8.0 | 7.3 | 10.3 | 10.4 | 11.2 | 13.0 | 13.0 | 13.0 | 13.9 | 14.2 | 16.6 |
| Textile mill products | 30 | 13.0 | 14.0 | 14.6 | 14.8 | 15.7 | 15.0 | 17.1 | 17.6 | 17.3 | 19.1 | 20.3 | 20.3 | 20.5 | 21.1 | 22.0 |
| Apparel and other textile products | 31 | 14.8 | 16.2 | 17.1 | 17.3 | 18.5 | 18.7 | 20.4 | 21.0 | 21.0 | 22.4 | 22.6 | 22.6 | 23.5 | 25.3 | 24.6 |
| Paper and allied products | 32 | 17.9 | 19.6 | 21.8 | 22.8 | 24.8 | 26.3 | 27.4 | 31.4 | 32.9 | 35.0 | 38.7 | 38.5 | 44.1 | 47.1 | 46.5 |
| Printing and publishing | 33 | 24.4 | 27.5 | 31.5 | 32.7 | 35.1 | 38.3 | 42.5 | 47.5 | 52.5 | 56.7 | 61.0 | 61.0 | 65.1 | 70.5 | 72.2 |
| Chemicals and allied products | 34 | 39.2 | 41.9 | 45.5 | 47.6 | 55.7 | 56.6 | 62.0 | 64.7 | 67.0 | 73.5 | 82.3 | 82.3 | 94.4 | 99.6 | 103.1 |
| Petroleum and coal products | 35 | 13.9 | 14.9 | 26.0 | 24.3 | 28.4 | 25.5 | 26.1 | 21.6 | 23.5 | 25.9 | 25.9 | 25.9 | 40.7 | 38.5 | 36.7 |
| Rubber and miscellaneous plastics products | 36 | 14.5 | 15.8 | 17.3 | 17.0 | 19.3 | 19.6 | 22.4 | 24.8 | 26.4 | 27.0 | 29.0 | 29.9 | 31.1 | 34.0 | 34.3 |
| Leather and leather products | 37 | 3.0 | 3.3 | 3.6 | 4.1 | 4.4 | 4.3 | 4.1 | 3.8 | 3.6 | 3.1 | 3.5 | 3.5 | 3.8 | 3.9 | 4.3 |
| Transportation and public utilities | 38 | 179.2 | 202.2 | 219.1 | 242.2 | 273.3 | 292.1 | 326.7 | 358.8 | 378.0 | 393.8 | 419.9 | 419.8 | 442.1 | 463.3 | 481.9 |
| Transportation | 39 | 76.3 | 86.9 | 96.7 | 102.9 | 110.6 | 108.9 | 118.4 | 131.8 | 136.0 | 141.8 | 152.8 | 152.7 | 163.7 | 168.9 | 175.4 |
| Railroad transportation | 40 | 15.6 | 17.3 | 19.2 | 20.6 | 21.9 | 19.1 | 20.4 | 22.8 | 22.2 | 21.6 | 21.7 | 21.7 | 22.9 | 20.8 | 21.5 |
| Local and interurban passenger transit | 41 | 4.0 | 4.4 | 4.7 | 5.3 | 5.4 | 5.7 | 6.0 | 7.1 | 7.4 | 8.3 | 8.7 | 8.7 | 8.8 | 9.5 | 9.9 |
| Trucking and warehousing | 42 | 30.8 | 35.2 | 38.9 | 40.3 | 42.5 | 42.3 | 45.2 | 50.4 | 53.6 | 58.4 | 61.0 | 61.0 | 65.8 | 69.9 | 72.0 |
| Water transportation | 43 | 4.9 | 5.5 | 6.6 | 7.2 | 7.9 | 7.4 | 7.7 | 8.0 | 8.3 | 8.1 | 8.0 | 8.0 | 9.0 | 9.7 | 9.9 |
| Transportation by air | 44 | 13.8 | 15.5 | 16.4 | 18.1 | 18.6 | 19.0 | 23.0 | 26.7 | 27.2 | 29.4 | 35.1 | 35.1 | 38.6 | 38.6 | 40.2 |
| Pipelines, except natural gas | 45 | 2.7 | 3.8 | 5.1 | 5.2 | 6.1 | 7.2 | 7.3 | 6.5 | 6.1 | 4.7 | 5.2 | 5.2 | 4.4 | 4.3 | 4.6 |
| Transportation services | 46 | 4.4 | 5.1 | 5.8 | 6.3 | 8.2 | 8.4 | 8.9 | 10.3 | 11.2 | 11.4 | 13.1 | 13.1 | 14.3 | 16.2 | 17.3 |
| Communications | 47 | 50.0 | 56.7 | 61.6 | 68.9 | 79.2 | 88.6 | 98.5 | 104.8 | 112.6 | 120.0 | 127.6 | 127.6 | 135.1 | 139.9 | 146.2 |
| Telephone and telegraph | 48 | 44.8 | 50.6 | 54.9 | 61.7 | 70.8 | 78.9 | 88.0 | 92.4 | 100.2 | 107.9 | 113.7 | 111.2 | 116.0 | 118.4 | 123.0 |
| Radio and television | 49 | 5.2 | 6.1 | 6.6 | 7.2 | 8.4 | 9.6 | 10.4 | 12.4 | 12.4 | 12.1 | 13.9 | 16.4 | 19.0 | 21.5 | 23.2 |
| Electric, gas, and sanitary services | 50 | 52.9 | 58.6 | 60.9 | 70.4 | 83.5 | 94.7 | 109.8 | 122.2 | 129.4 | 132.0 | 139.5 | 139.5 | 143.4 | 154.5 | 160.4 |
| Wholesale trade | 51 | 137.9 | 157.1 | 178.6 | 191.6 | 212.7 | 216.5 | 223.6 | 258.4 | 276.6 | 290.9 | 302.6 | 303.1 | 331.0 | 351.6 | 359.7 |
| Retail trade | 52 | 190.4 | 214.9 | 233.2 | 244.7 | 269.3 | 286.6 | 321.1 | 361.3 | 390.9 | 418.7 | 440.1 | 441.8 | 471.7 | 502.5 | 515.8 |
| Finance, insurance, and real estate | 53 | 283.6 | 328.6 | 370.8 | 418.4 | 469.6 | 503.9 | 565.3 | 619.0 | 681.8 | 743.5 | 809.9 | 809.7 | 866.3 | 926.5 | 974.7 |
| Banking | 54 | 33.4 | 40.7 | 49.1 | 56.0 | 60.5 | 71.0 | 78.7 | 88.1 | 100.5 | 106.6 | 118.7 | 118.7 | 134.7 | 136.7 | 145.4 |
| Depository institutions | 55 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Credit agencies other than banks | 56 | 6.6 | 9.2 | 9.9 | 6.7 | 6.6 | 3.2 | 11.7 | 13.0 | 18.5 | 24.2 | 34.0 | 34.0 | 17.4 | 18.6 | 19.8 |
| Nondepository institutions | 57 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Security and commodity brokers | 58 | 7.3 | 9.1 | 10.0 | 12.4 | 14.1 | 15.6 | 22.4 | 21.4 | 24.2 | 28.5 | 37.8 | 37.9 | 35.2 | 40.4 | 37.3 |
| Insurance carriers | 59 | 28.9 | 33.9 | 35.1 | 36.9 | 34.7 | 31.7 | 35.6 | 36.7 | 39.1 | 47.1 | 51.2 | 51.2 | 65.3 | 68.9 | 65.0 |
| Insurance agents, brokers, and service | 60 | 11.3 | 12.2 | 13.1 | 14.6 | 15.8 | 17.3 | 18.3 | 20.2 | 22.2 | 25.4 | 30.1 | 30.2 | 33.2 | 34.0 | 38.9 |
| Real estate | 61 | 195.1 | 221.8 | 252.5 | 288.6 | 326.6 | 354.1 | 385.3 | 427.5 | 459.7 | 484.8 | 521.3 | 521.5 | 568.1 | 609.5 | 641.3 |
| Nonfarm housing services | 62 | 139.4 | 156.0 | 176.1 | 205.1 | 234.5 | 257.4 | 273.7 | 297.0 | 322.4 | 344.1 | 368.9 | 368.9 | 396.8 | 423.8 | 449.6 |
| Other real estate | 63 | 55.7 | 65.8 | 76.5 | 83.5 | 92.1 | 96.7 | 111.5 | 130.5 | 137.2 | 140.6 | 152.4 | 152.6 | 171.4 | 185.6 | 191.7 |
| Holding and other investment offices | 64 | 1.2 | 1.7 | 1.1 | 3.2 | 11.4 | 11.0 | 13.3 | 12.0 | 17.6 | 27.0 | 16.9 | 16.9 | 9.3 | 8.4 | 18.2 |
| Services | 65 | 255.7 | 294.6 | 333.0 | 377.0 | 425.1 | 469.8 | 521.3 | 586.9 | 650.9 | 712.8 | 784.0 | 782.5 | 865.5 | 948.8 | 1,041.0 |
| Hotels and other lodging places | 66 | 12.9 | 15.7 | 17.9 | 19.6 | 22.2 | 23.9 | 26.9 | 30.9 | 35.7 | 38.8 | 42.6 | 42.6 | 45.2 | 49.3 | 51.3 |
| Personal services | 67 | 13.5 | 15.2 | 16.3 | 17.5 | 18.4 | 19.7 | 21.8 | 24.1 | 27.9 | 30.4 | 32.2 | 31.0 | 34.2 | 35.4 | 36.1 |
| | | | | | | | | | | | | | | | | |

Table 10.—Revisions in Gross Domestic Product by Industry in Current Dollars for Selected Years
[Billions of dollars]

| | Line | 1977 | | | 1982 | | | 1987 | | | 1989 | | |
|--|------|----------------------|---------|----------|----------------------|---------|----------|----------------------|---------|----------|----------------------|---------|----------|
| | | Previously published | Revised | Revision | Previously published | Revised | Revision | Previously published | Revised | Revision | Previously published | Revised | Revision |
| Gross domestic product | 1 | 1,965.1 | 1,974.1 | 9.0 | 3,114.8 | 3,149.6 | 34.8 | 4,486.7 | 4,539.9 | 53.2 | 5,163.2 | 5,250.8 | 87.6 |
| Private industries | 2 | 1,717.7 | 1,716.1 | -1.6 | 2,731.0 | 2,769.0 | 38.0 | 3,962.4 | 4,019.4 | 57.0 | 4,561.0 | 4,622.2 | 61.2 |
| Agriculture, forestry, and fisheries | 3 | 58.9 | 54.4 | -4.5 | 89.6 | 77.0 | -12.6 | 100.7 | 88.5 | -12.2 | 113.5 | 104.8 | -8.7 |
| Farms | 4 | 50.4 | 47.2 | -3.2 | 77.0 | 65.1 | -11.9 | 78.8 | 66.0 | -12.8 | 88.6 | 81.1 | -7.5 |
| Agricultural services, forestry, and fisheries | 5 | 8.5 | 7.2 | -1.3 | 12.6 | 11.9 | -0.7 | 21.9 | 22.5 | 0.6 | 24.9 | 23.7 | -1.2 |
| Mining | 6 | 50.2 | 54.1 | 3.9 | 132.1 | 146.1 | 14.0 | 76.8 | 83.0 | 6.2 | 80.3 | 84.2 | 3.9 |
| Metal mining | 7 | 1.9 | 2.2 | 0.3 | 2.3 | 3.2 | 0.9 | 2.4 | 2.6 | 0.2 | 3.6 | 5.2 | 1.6 |
| Coal mining | 8 | 9.6 | 10.3 | 0.7 | 15.1 | 16.0 | 0.9 | 13.2 | 12.5 | -0.7 | 13.6 | 12.9 | -0.7 |
| Oil and gas extraction | 9 | 34.9 | 38.0 | 3.1 | 110.2 | 122.6 | 12.4 | 54.0 | 60.8 | 6.8 | 55.7 | 58.8 | 3.1 |
| Nonmetallic minerals, except fuels | 10 | 3.8 | 3.6 | -0.2 | 4.5 | 4.3 | -0.2 | 7.2 | 7.2 | 0 | 7.4 | 7.4 | 0 |
| Construction | 11 | 97.9 | 93.9 | -4.0 | 140.9 | 129.4 | -11.5 | 219.2 | 213.0 | -6.2 | 247.7 | 235.9 | -11.8 |
| Manufacturing | 12 | 465.3 | 466.8 | 1.5 | 634.6 | 647.5 | 12.9 | 875.5 | 878.4 | 2.9 | 966.0 | 1,004.6 | 38.6 |
| Durable goods | 13 | 277.7 | 277.7 | 0 | 362.5 | 372.9 | 10.4 | 499.9 | 503.2 | 3.3 | 541.0 | 562.6 | 21.6 |
| Lumber and wood products | 14 | 15.9 | 16.3 | 0.4 | 16.0 | 16.5 | 0.5 | 29.4 | 31.0 | 1.6 | 32.2 | 32.6 | 0.4 |
| Furniture and fixtures | 15 | 6.7 | 6.5 | -0.2 | 9.5 | 9.3 | -0.2 | 15.3 | 15.2 | -0.1 | 16.0 | 16.5 | 0.5 |
| Stone, clay, and glass products | 16 | 15.3 | 15.0 | -0.3 | 18.2 | 15.7 | -2.5 | 25.7 | 24.8 | -0.9 | 26.3 | 25.1 | -1.2 |
| Primary metal industries | 17 | 33.5 | 33.4 | -0.1 | 35.3 | 36.5 | 1.2 | 36.1 | 36.3 | 0.2 | 44.4 | 45.7 | 1.3 |
| Fabricated metal products | 18 | 35.4 | 35.2 | -0.2 | 46.3 | 46.0 | -0.3 | 60.4 | 59.2 | -1.2 | 68.0 | 66.6 | -1.4 |
| Machinery, except electrical | 19 | 55.4 | 54.9 | -0.5 | 80.0 | 81.0 | 1.0 | 88.9 | 87.1 | -1.8 | 97.3 | ..... | ..... |
| Industrial machinery and equipment | 20 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 106.1 | ..... |
| Electric and electronic equipment | 21 | 39.5 | 39.3 | -0.2 | 61.8 | 60.5 | -1.3 | 89.6 | 91.3 | 1.7 | 96.9 | ..... | ..... |
| Electronic and other electric equipment | 22 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 86.9 | ..... |
| Motor vehicles and equipment | 23 | 35.8 | 36.8 | 1.0 | 29.5 | 33.9 | 4.4 | 52.5 | 58.5 | 6.0 | 50.1 | 53.4 | 3.3 |
| Other transportation equipment | 24 | 19.0 | 19.1 | 0.1 | 32.2 | 38.6 | 6.4 | 59.9 | 57.5 | -2.4 | 62.2 | 59.8 | -2.4 |
| Instruments and related products | 25 | 13.2 | 13.4 | 0.2 | 22.6 | 23.4 | 0.8 | 26.8 | 27.3 | 0.5 | 30.5 | 31.6 | 1.1 |
| Miscellaneous manufacturing industries | 26 | 8.0 | 7.8 | -0.2 | 11.1 | 11.4 | 0.3 | 15.1 | 15.0 | -0.1 | 17.1 | 18.4 | 1.3 |
| Nondurable goods | 27 | 187.7 | 189.1 | 1.4 | 272.1 | 274.6 | 2.5 | 375.7 | 375.2 | -0.5 | 425.0 | 442.0 | 17.0 |
| Food and kindred products | 28 | 42.7 | 42.7 | 0 | 61.4 | 63.0 | 1.6 | 75.1 | 78.9 | 3.8 | 81.5 | 87.7 | 6.2 |
| Tobacco manufactures | 29 | 5.7 | 5.6 | -0.1 | 8.9 | 7.3 | -1.6 | 14.1 | 13.0 | -1.1 | 16.1 | 14.2 | -1.9 |
| Textile mill products | 30 | 14.0 | 13.0 | -1.0 | 14.8 | 15.0 | 0.2 | 20.1 | 20.3 | 0.2 | 20.8 | 21.1 | 0.3 |
| Apparel and other textile products | 31 | 14.5 | 14.8 | 0.3 | 18.9 | 18.7 | -0.2 | 22.5 | 22.6 | 0.1 | 24.6 | 25.3 | 0.7 |
| Paper and allied products | 32 | 18.0 | 17.9 | -0.1 | 26.7 | 26.3 | -0.4 | 40.2 | 38.7 | -1.5 | 46.8 | 47.1 | 0.3 |
| Printing and publishing | 33 | 23.3 | 24.4 | 1.1 | 38.4 | 38.3 | -0.1 | 61.1 | 61.0 | -0.1 | 68.2 | 70.5 | 2.3 |
| Chemicals and allied products | 34 | 37.5 | 39.2 | 1.7 | 55.3 | 56.6 | 1.3 | 80.9 | 82.3 | 1.4 | 98.8 | 99.6 | 0.8 |
| Petroleum and coal products | 35 | 14.5 | 13.9 | -0.6 | 24.4 | 25.5 | 1.1 | 29.6 | 25.9 | -3.7 | 33.7 | 38.5 | 4.8 |
| Rubber and miscellaneous plastics products | 36 | 14.4 | 14.5 | 0.1 | 19.3 | 19.6 | 0.3 | 28.9 | 29.0 | 0.1 | 31.1 | 34.0 | 2.9 |
| Leather and leather products | 37 | 3.0 | 3.0 | 0 | 4.1 | 4.3 | 0.2 | 3.3 | 3.5 | 0.2 | 3.5 | 3.9 | 0.4 |
| Transportation and public utilities | 38 | 178.9 | 179.2 | 0.3 | 288.4 | 292.1 | 3.7 | 413.9 | 419.9 | 6.0 | 460.9 | 463.3 | 2.4 |
| Transportation | 39 | 77.0 | 76.3 | -0.7 | 110.8 | 108.9 | -1.9 | 153.9 | 152.8 | -1.1 | 171.5 | 168.9 | -2.6 |
| Railroad transportation | 40 | 15.5 | 15.6 | 0.1 | 19.0 | 19.1 | 0.1 | 20.9 | 21.7 | 0.8 | 21.5 | 20.8 | -0.7 |
| Local and interurban passenger transit | 41 | 4.4 | 4.0 | -0.4 | 6.0 | 5.7 | -0.3 | 8.3 | 8.7 | 0.4 | 9.5 | 9.5 | 0 |
| Trucking and warehousing | 42 | 32.3 | 30.8 | -1.5 | 46.6 | 42.3 | -4.3 | 66.0 | 61.0 | -5.0 | 72.9 | 69.9 | -3.0 |
| Water transportation | 43 | 4.9 | 4.9 | 0 | 7.4 | 7.4 | 0 | 7.9 | 8.0 | 0.1 | 8.5 | 9.7 | 1.2 |
| Transportation by air | 44 | 13.7 | 13.8 | 0.1 | 19.0 | 19.0 | 0 | 34.7 | 35.1 | 0.4 | 40.0 | 38.6 | -1.4 |
| Pipelines, except natural gas | 45 | 2.1 | 2.7 | 0.6 | 4.9 | 7.2 | 2.3 | 3.8 | 5.2 | 1.4 | 4.1 | 4.3 | 0.2 |
| Transportation services | 46 | 4.1 | 4.4 | 0.3 | 7.8 | 8.4 | 0.6 | 12.3 | 13.1 | 0.8 | 15.0 | 16.2 | 1.2 |
| Communications | 47 | 48.8 | 50.0 | 1.2 | 85.6 | 88.6 | 3.0 | 122.8 | 127.6 | 4.8 | 133.7 | 139.9 | 6.2 |
| Telephone and telegraph | 48 | 44.0 | 44.8 | 0.8 | 77.3 | 78.9 | 1.6 | 109.6 | 113.7 | 4.1 | 117.3 | 118.4 | 1.1 |
| Radio and television | 49 | 4.7 | 5.2 | 0.5 | 8.3 | 9.6 | 1.3 | 13.1 | 13.9 | 0.8 | 16.4 | 21.5 | 5.1 |
| Electric, gas, and sanitary services | 50 | 53.1 | 52.9 | -0.2 | 92.0 | 94.7 | 2.7 | 137.2 | 139.5 | 2.3 | 155.6 | 154.5 | -1.1 |
| Wholesale trade | 51 | 139.8 | 137.9 | -1.9 | 219.0 | 216.5 | -2.5 | 294.8 | 302.6 | 7.8 | 339.5 | 351.6 | 12.1 |
| Retail trade | 52 | 193.0 | 190.4 | -2.6 | 287.5 | 286.6 | -0.9 | 426.4 | 440.1 | 13.7 | 486.0 | 502.5 | 16.5 |
| Finance, insurance, and real estate | 53 | 280.3 | 283.6 | 3.3 | 475.1 | 503.9 | 28.8 | 761.6 | 809.9 | 48.3 | 896.7 | 926.5 | 29.8 |
| Banking | 54 | 31.0 | 33.4 | 2.4 | 59.8 | 71.0 | 11.2 | 88.7 | 118.7 | 30.0 | 119.4 | ..... | ..... |
| Depository institutions | 55 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 145.4 | ..... |
| Credit agencies other than banks | 56 | 4.7 | 6.6 | 1.9 | 5.4 | 3.2 | -2.2 | 18.0 | 34.0 | 16.0 | 20.5 | ..... | ..... |
| Nondepository institutions | 57 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 19.8 | ..... |
| Security and commodity brokers | 58 | 5.7 | 7.3 | 1.6 | 13.1 | 15.6 | 2.5 | 35.8 | 37.8 | 2.0 | 43.8 | 40.4 | -3.4 |
| Insurance carriers | 59 | 28.5 | 28.9 | 0.4 | 29.8 | 31.7 | 1.9 | 55.4 | 51.2 | -4.2 | 60.4 | 68.9 | 8.5 |
| Insurance agents, brokers, and service | 60 | 11.0 | 11.3 | 0.3 | 17.0 | 17.3 | 0.3 | 30.6 | 30.1 | -0.5 | 37.4 | 34.0 | -3.4 |
| Real estate | 61 | 198.7 | 195.1 | -3.6 | 342.7 | 354.1 | 11.4 | 517.3 | 521.3 | 4.0 | 607.1 | 609.5 | 2.4 |
| Nonfarm housing services | 62 | 137.1 | 139.4 | 2.3 | 243.8 | 257.4 | 13.6 | 371.8 | 368.9 | -2.9 | 431.2 | 423.8 | -7.4 |
| Other real estate | 63 | 61.7 | 55.7 | -6.0 | 98.9 | 96.7 | -2.2 | 145.5 | 152.4 | 6.9 | 175.9 | 185.6 | 9.7 |
| Holding and other investment offices | 64 | 0.6 | 1.2 | 0.6 | 7.2 | 11.0 | 3.8 | 15.9 | 16.9 | 1.0 | 8.1 | 8.4 | 0.3 |
| Services | 65 | 253.4 | 255.7 | 2.3 | 463.6 | 469.8 | 6.2 | 793.6 | 784.0 | -9.6 | 970.5 | 948.8 | -21.7 |
| Hotels and other lodging places | 66 | 12.7 | 12.9 | 0.2 | 21.7 | 23.9 | 2.2 | 36.0 | 42.6 | 6.6 | 44.5 | 49.3 | 4.8 |
| Personal services | 67 | 14.2 | 13.5 | -0.7 | 21.3 | 19.7 | -1.6 | 34.0 | 32.2 | -1.8 | 43.0 | 35.4 | -7.6 |
| Business services | 68 | 42.1 | 42.9 | 0.8 | 90.7 | 90.9 | 0.2 | 180.1 | 174.6 | -5.5 | 222.9 | 175.5 | ..... |
| Auto repair, services, and parking | 69 | 14.8 | 13.3 | -1.5 | 23.5 | 21.7 | -1.8 | 38.1 | 38.2 | 0.1 | 43.6 | 42.9 | -0.7 |
| Miscellaneous repair services | 70 | 5.9 | 5.8 | -0.1 | 9.6 | 9.5 | -0.1 | 13.8 | 13.7 | -0.1 | 16.9 | 16.3 | -0.6 |
| Motion pictures | 71 | 4.2 | 4.4 | 0.2 | 6.3 | 7.3 | 1.0 | 12.5 | 12.9 | 0.4 | 14.7 | 17.4 | 2.7 |
| Amusement and recreation services | 72 | 9.8 | 10.5 | 0.7 | 15.1 | 16.9 | 1.8 | 24.8 | 27.4 | 2.6 | 29.8 | 34.6 | 4.8 |
| Health services | 73 | 73.6 | 75.4 | 1.8 | 142.0 | 145.9 | 3.9 | 226.1 | 228.9 | 2.8 | 273.3 | 273.0 | -0.3 |
| Legal services | 74 | 15.6 | 16.9 | 1.3 | 30.6 | 32.9 | 2.3 | 60.0 | 61.1 | 1.1 | 75.2 | 73.0 | -2.2 |
| Educational services | 75 | 12.1 | 12.2 | 0.1 | 19.1 | 19.9 | 0.8 | 29.5 | 30.4 | 0.9 | 35.5 | 36.3 | 0.8 |
| Social services and membership organizations | 76 | 18.7 | 18.7 | 0 | 30.5 | 30.3 | -0.2 | 45.8 | 45.7 | -0.1 | 56.0 | 56.0 | 0 |
| Miscellaneous professional services | 77 | 23.8 | 23.3 | -0.5 | 45.7 | 44.7 | -1.0 | 83.6 | 68.8 | -14.8 | 104.9 | ..... | ..... |
| Other services | 78 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 130.3 | ..... |
| Private households | 79 | 5.9 | 5.9 | 0 | 7.6 | 6.3 | -1.3 | 9.1 | 7.7 | -1.4 | 10.3 | 8.9 | -1.4 |
| Government | 80 | 247.4 | 247.1 | -0.3 | 383.9 | 388.0 | 4.1 | 534.8 | 545.3 | 10.5 | 619.3 | 627.6 | 8.3 |
| Federal | 81 | 89.8 | 89.5 | -0.3 | 139.2 | 141.8 | 2.6 | 181.9 | 185.4 | 3.5 | 208.2 | 207.8 | -0.4 |
| General government | 82 | 75.5 | 75.6 | 0.1 | 117.0 | 117.3 | 0.3 | 150.8 | 151.4 | 0.6 | 168.6 | 169.1 | 0.5 |
| Government enterprises | 83 | 14.2 | 13.9 | -0.3 | 22.2 | 24.5 | 2.3 | 31.0 | 34.0 | 3.0 | 39.7 | 38.8 | -0.9 |
| State and local | 84 | 157.7 | 157.7 | 0 | 244.7 | 246.2 | 1.5 | 352.9 | 360.0 | 7.1 | 411.1 | 419.7 | 8.6 |
| General government | 85 | 145.0 | 145.0 | 0 | 226.9 | 226.5 | -0.4 | 321.1 | 327.3 | 6.2 | 373.0 | 379.8 | 6.8 |
| Government enterprises | 86 | 12.7 | 12.7 | 0 | 17 | | | | | | | | |

Table 11.—Indexes of Real Gross Domestic Product by Industry and Annual Rates of Change for Selected Years¹

| | Line | Index numbers, 1987=100 | | | | | | Average annual rates of change (percent) | | |
|--|------|-------------------------|-------|-------|-------|-------|-------|--|---------|---------|
| | | 1977 | 1982 | 1987 | 1988 | 1989 | 1990 | 1977-90 | 1977-82 | 1982-90 |
| Gross domestic product | 1 | 75.5 | 82.3 | 100.0 | 103.9 | 106.6 | 107.4 | 2.7 | 1.7 | 3.4 |
| Private industries | 2 | 75.1 | 80.8 | 100.0 | 104.2 | 106.7 | 107.3 | 2.8 | 1.5 | 3.6 |
| Agriculture, forestry, and fisheries | 3 | 71.9 | 82.8 | 100.0 | 96.1 | 99.4 | 106.4 | 3.1 | 2.8 | 3.2 |
| Farms | 4 | 81.5 | 91.2 | 100.0 | 95.7 | 100.3 | 106.8 | 2.1 | 2.3 | 2.0 |
| Agricultural services, forestry, and fisheries | 5 | 43.6 | 58.2 | 100.0 | 97.2 | 96.7 | 105.2 | 7.0 | 6.0 | 7.7 |
| Mining | 6 | 100.6 | 88.0 | 100.0 | 113.7 | 100.8 | 105.6 | .4 | -2.6 | 2.3 |
| Metal mining | 7 | 63.7 | 98.8 | 100.0 | 169.3 | 208.5 | 228.5 | 10.2 | 8.9 | 11.0 |
| Coal mining | 8 | 76.1 | 88.9 | 100.0 | 110.5 | 118.6 | 124.5 | 3.9 | 3.2 | 4.3 |
| Oil and gas extraction | 9 | 108.0 | 89.7 | 100.0 | 113.6 | 92.5 | 96.3 | -9 | -3.7 | .9 |
| Nonmetallic minerals, except fuels | 10 | 93.3 | 67.2 | 100.0 | 99.6 | 101.5 | 105.9 | 1.0 | -6.5 | 5.9 |
| Construction | 11 | 89.6 | 77.4 | 100.0 | 99.1 | 99.9 | 97.8 | .7 | -2.9 | 3.0 |
| Manufacturing | 12 | 78.0 | 78.9 | 100.0 | 105.3 | 106.2 | 105.1 | 2.3 | .2 | 3.6 |
| Durable goods | 13 | 76.7 | 75.5 | 100.0 | 107.0 | 108.2 | 106.6 | 2.6 | -3 | 4.4 |
| Lumber and wood products | 14 | 74.5 | 62.5 | 100.0 | 96.9 | 94.0 | 91.8 | 1.6 | -3.5 | 4.9 |
| Furniture and fixtures | 15 | 74.7 | 73.1 | 100.0 | 99.8 | 101.2 | 93.6 | 1.8 | -4 | 3.1 |
| Stone, clay, and glass products | 16 | 105.8 | 73.2 | 100.0 | 104.3 | 108.2 | 108.1 | .2 | -7.1 | 5.0 |
| Primary metal industries | 17 | 138.9 | 103.5 | 100.0 | 95.0 | 91.7 | 96.8 | -2.7 | -5.7 | -8 |
| Fabricated metal products | 18 | 92.1 | 83.2 | 100.0 | 104.4 | 103.0 | 99.4 | .6 | -2.0 | 2.2 |
| Machinery, except electrical | 19 | 53.6 | 68.2 | 100.0 | ..... | ..... | ..... | ..... | 4.9 | ..... |
| Industrial machinery and equipment | 20 | ..... | ..... | 100.0 | 110.3 | 116.2 | 115.6 | ..... | ..... | ..... |
| Electric and electronic equipment | 21 | 59.7 | 74.5 | 100.0 | ..... | ..... | ..... | ..... | 4.5 | ..... |
| Electronic and other electric equipment | 22 | ..... | ..... | 100.0 | 110.2 | 118.3 | 114.5 | ..... | ..... | ..... |
| Motor vehicles and equipment | 23 | 115.8 | 67.2 | 100.0 | 107.2 | 96.2 | 81.8 | -2.6 | -10.3 | 2.5 |
| Other transportation equipment | 24 | 62.9 | 77.6 | 100.0 | 103.1 | 107.8 | 113.7 | 4.7 | 4.3 | 4.9 |
| Instruments and related products | 25 | 82.5 | 91.7 | 100.0 | 123.3 | 122.7 | 130.4 | ..... | 2.1 | ..... |
| Miscellaneous manufacturing industries | 26 | 85.5 | 78.2 | 100.0 | 113.2 | 115.4 | 113.6 | 2.2 | -1.8 | 4.8 |
| Nondurable goods | 27 | 79.8 | 83.8 | 100.0 | 103.1 | 103.6 | 103.2 | 2.0 | 1.0 | 2.6 |
| Food and kindred products | 28 | 79.0 | 94.3 | 100.0 | 104.4 | 100.8 | 103.2 | 2.1 | 3.6 | 1.1 |
| Tobacco manufactures | 29 | 127.9 | 122.1 | 100.0 | 93.5 | 79.8 | 76.6 | -3.9 | -9 | -5.7 |
| Textile mill products | 30 | 78.3 | 80.7 | 100.0 | 98.6 | 102.9 | 104.7 | 2.3 | .6 | 3.3 |
| Apparel and other textile products | 31 | 84.3 | 83.3 | 100.0 | 104.0 | 109.2 | 104.8 | 1.7 | -2 | 2.9 |
| Paper and allied products | 32 | 83.9 | 80.8 | 100.0 | 103.1 | 102.5 | 109.5 | 2.1 | -8 | 3.9 |
| Printing and publishing | 33 | 81.5 | 87.8 | 100.0 | 103.5 | 105.0 | 102.0 | 1.7 | 1.5 | 1.9 |
| Chemicals and allied products | 34 | 80.5 | 75.8 | 100.0 | 101.1 | 102.2 | 106.9 | 2.2 | -1.2 | 4.4 |
| Petroleum and coal products | 35 | 66.6 | 76.0 | 100.0 | 114.7 | 117.3 | 87.9 | 2.2 | 2.7 | 1.8 |
| Rubber and miscellaneous plastics products | 36 | 61.5 | 67.2 | 100.0 | 100.5 | 107.7 | 108.7 | 4.5 | 1.8 | 6.2 |
| Leather and leather products | 37 | 150.8 | 132.4 | 100.0 | 106.7 | 107.2 | 110.5 | -2.4 | -2.6 | -2.2 |
| Transportation and public utilities | 38 | 74.9 | 78.9 | 100.0 | 102.8 | 105.5 | 108.6 | 2.9 | 1.1 | 4.1 |
| Transportation | 39 | 76.7 | 75.6 | 100.0 | 98.3 | 101.3 | 105.3 | 2.5 | -3 | 4.2 |
| Railroad transportation | 40 | 74.0 | 71.7 | 100.0 | 106.5 | 101.9 | 108.4 | 3.0 | -6 | 5.3 |
| Local and interurban passenger transit | 41 | 114.6 | 84.1 | 100.0 | 93.1 | 100.4 | 100.8 | -1.0 | -5.9 | 2.2 |
| Trucking and warehousing | 42 | 86.3 | 75.5 | 100.0 | 94.7 | 99.5 | 99.5 | 1.1 | -2.6 | 3.5 |
| Water transportation | 43 | 107.4 | 112.6 | 100.0 | 96.5 | 98.3 | 101.2 | -5 | .9 | -1.3 |
| Transportation by air | 44 | 48.6 | 61.3 | 100.0 | 99.2 | 101.6 | 113.8 | 6.8 | 4.8 | 8.0 |
| Pipelines, except natural gas | 45 | 116.4 | 128.8 | 100.0 | 91.9 | 96.3 | 92.8 | -1.7 | 1.9 | -3.8 |
| Transportation services | 46 | 51.8 | 71.1 | 100.0 | 105.9 | 112.5 | 115.1 | 6.3 | 6.5 | 6.2 |
| Communications | 47 | 57.6 | 79.1 | 100.0 | 105.9 | 106.3 | 110.0 | 5.1 | 6.6 | 4.2 |
| Telephone and telegraph | 48 | 53.3 | 76.5 | 100.0 | 105.2 | 104.5 | 109.0 | 5.5 | 7.5 | 4.2 |
| Radio and television | 49 | 92.8 | 100.2 | 100.0 | 110.3 | 118.6 | 116.8 | 3.1 | 1.5 | 4.1 |
| Electric, gas, and sanitary services | 50 | 88.6 | 82.3 | 100.0 | 104.8 | 109.3 | 110.9 | 1.7 | -1.5 | 3.8 |
| Wholesale trade | 51 | 56.2 | 72.1 | 100.0 | 103.4 | 108.7 | 106.6 | 5.1 | 5.1 | 5.0 |
| Retail trade | 52 | 72.2 | 76.5 | 100.0 | 105.7 | 109.5 | 108.2 | 3.2 | 1.2 | 4.5 |
| Finance, insurance, and real estate | 53 | 73.7 | 87.5 | 100.0 | 104.6 | 107.3 | 107.2 | 2.9 | 3.5 | 2.6 |
| Banking | 54 | 78.1 | 95.2 | 100.0 | ..... | ..... | ..... | ..... | 4.1 | ..... |
| Depository institutions | 55 | ..... | ..... | 100.0 | 100.0 | 100.6 | 100.4 | ..... | ..... | ..... |
| Credit agencies other than banks | 56 | 52.9 | 65.1 | 100.0 | ..... | ..... | ..... | ..... | 4.2 | ..... |
| Nondepository institutions | 57 | ..... | ..... | 100.0 | 100.3 | 99.7 | 104.1 | ..... | ..... | ..... |
| Security and commodity brokers | 58 | 33.8 | 47.2 | 100.0 | 96.2 | 110.1 | 105.4 | 9.1 | 6.9 | 10.5 |
| Insurance carriers | 59 | 105.1 | 104.3 | 100.0 | 118.8 | 129.2 | 112.3 | .5 | -1 | 1.0 |
| Insurance agents, brokers, and service | 60 | 71.0 | 85.1 | 100.0 | 103.5 | 102.2 | 108.9 | 3.4 | 3.7 | 3.2 |
| Real estate | 61 | 74.6 | 89.2 | 100.0 | 105.3 | 107.4 | 108.6 | 2.9 | 3.6 | 2.5 |
| Nonfarm housing services | 62 | 74.6 | 92.1 | 100.0 | 102.6 | 104.4 | 105.8 | 2.7 | 4.3 | 1.8 |
| Other real estate | 63 | 74.6 | 82.2 | 100.0 | 112.0 | 114.8 | 115.3 | 3.4 | 2.0 | 4.0 |
| Holding and other investment offices | 64 | 53.4 | 69.1 | 100.0 | 103.1 | 103.1 | 108.9 | 5.7 | 5.4 | 5.8 |
| Services | 65 | 68.7 | 80.3 | 100.0 | 104.0 | 108.2 | 111.5 | 3.8 | 3.1 | 4.2 |
| Hotels and other lodging places | 66 | 78.2 | 74.2 | 100.0 | 101.3 | 106.4 | 103.9 | 2.2 | -1.0 | 4.3 |
| Personal services | 67 | 88.1 | 82.4 | 100.0 | 106.1 | 103.9 | 99.2 | .6 | -1.4 | 1.9 |
| Business services | 68 | 45.5 | 64.8 | 100.0 | 107.6 | 115.3 | 121.7 | ..... | 7.3 | ..... |
| Auto repair, services, and parking | 69 | 75.8 | 79.5 | 100.0 | 102.9 | 100.1 | 102.6 | 2.4 | 1.0 | 3.3 |
| Miscellaneous repair services | 70 | 80.3 | 90.9 | 100.0 | 109.2 | 116.6 | 117.7 | 3.0 | 2.4 | 3.3 |
| Motion pictures | 71 | 59.4 | 77.6 | 100.0 | 95.0 | 109.9 | 102.7 | 4.9 | 5.6 | 4.4 |
| Amusement and recreation services | 72 | 60.4 | 77.5 | 100.0 | 103.4 | 111.6 | 122.3 | 5.8 | 5.1 | 6.2 |
| Health services | 73 | 76.9 | 90.2 | 100.0 | 100.4 | 101.7 | 103.8 | 2.3 | 3.2 | 1.8 |
| Legal services | 74 | 75.3 | 85.6 | 100.0 | 108.0 | 107.9 | 107.7 | 2.8 | 2.6 | 2.9 |
| Educational services | 75 | 81.3 | 86.5 | 100.0 | 104.0 | 106.3 | 108.6 | 2.3 | 1.2 | 2.9 |
| Social services and membership organizations | 76 | 74.3 | 83.3 | 100.0 | 109.8 | 119.1 | 125.0 | 4.1 | 2.3 | 5.2 |
| Miscellaneous professional services | 77 | 64.0 | 79.0 | 100.0 | ..... | ..... | ..... | ..... | 4.3 | ..... |
| Other services | 78 | ..... | ..... | 100.0 | 103.0 | 111.4 | 119.6 | ..... | ..... | ..... |
| Private households | 79 | 117.8 | 85.2 | 100.0 | 106.6 | 112.7 | 114.4 | -3 | -6.2 | 3.7 |
| Government | 80 | 87.2 | 93.0 | 100.0 | 101.9 | 104.0 | 106.7 | 1.6 | 1.3 | 1.7 |
| Federal | 81 | 92.6 | 95.1 | 100.0 | 101.6 | 102.5 | 104.3 | .9 | .5 | 1.2 |
| General government | 82 | 90.5 | 94.1 | 100.0 | 101.4 | 101.9 | 103.2 | 1.0 | .8 | 1.2 |
| Government enterprises | 83 | 102.1 | 99.5 | 100.0 | 102.4 | 105.1 | 109.1 | .5 | -5 | 1.2 |
| State and local | 84 | 84.4 | 91.9 | 100.0 | 102.1 | 104.7 | 107.9 | 1.9 | 1.7 | 2.0 |
| General government | 85 | 85.1 | 92.2 | 100.0 | 102.0 | 104.7 | 108.0 | 1.8 | 1.6 | 2.0 |
| Government enterprises | 86 | 77.7 | 89.2 | 100.0 | 103.2 | 105.0 | 106.9 | 2.5 | 2.8 | 2.3 |
| Addendum: | | | | | | | | | | |
| Gross domestic product with fixed 1987 weights | 87 | 77.8 | 82.8 | 100.0 | 103.9 | 106.6 | 107.4 | 2.5 | 1.3 | 3.3 |

1. For 1977 and 1982, indexes for GDP and for manufacturing are the benchmark-years-weighted measures. Indexes for nonmanufacturing industries for all years and for 1988 to 1990 for GDP and manufacturing are the fixed-weighted measures. See the box on page 36 for additional information.

NOTE.—Indexes for 1977 and 1982 are calculated using the 1987 value based on the 1972 Standard Industrial Classification (SIC). Indexes for 1988-90 are calculated using the 1987 value based on the 1987 SIC. Rates of change are not shown for those industries with 1987 and 1972 SIC definitions that are significantly different.

Table 12.—Gross Domestic Product by Industry in Constant Dollars, Fixed 1987 Weights¹
(Billions of 1987 dollars)

| | Line | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987* | 1987* | 1988 | 1989 | 1990 |
|--|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Gross domestic product | 1 | 3,533.3 | 3,703.5 | 3,796.8 | 3,776.3 | 3,843.1 | 3,760.3 | 3,906.6 | 4,148.5 | 4,279.8 | 4,404.5 | 4,539.9 | 4,539.9 | 4,718.6 | 4,838.0 | 4,877.5 |
| Private industries | 2 | 3,017.3 | 3,169.7 | 3,238.1 | 3,202.7 | 3,272.6 | 3,246.3 | 3,361.8 | 3,620.4 | 3,759.2 | 3,871.2 | 4,019.4 | 4,019.4 | 4,188.0 | 4,288.8 | 4,311.4 |
| Agriculture, forestry, and fisheries | 3 | 63.7 | 59.2 | 62.4 | 63.2 | 72.7 | 73.3 | 68.4 | 71.5 | 81.9 | 84.5 | 88.5 | 88.5 | 85.1 | 88.0 | 94.2 |
| Farms | 4 | 53.8 | 48.2 | 50.4 | 51.0 | 60.8 | 60.2 | 53.7 | 55.1 | 64.2 | 64.3 | 66.0 | 66.0 | 63.2 | 66.2 | 70.5 |
| Agricultural services, forestry, and fisheries | 5 | 9.8 | 11.1 | 12.0 | 12.2 | 11.9 | 13.1 | 14.8 | 16.4 | 17.7 | 20.2 | 22.5 | 22.5 | 21.9 | 21.8 | 23.7 |
| Mining | 6 | 83.5 | 85.0 | 71.9 | 79.9 | 74.2 | 73.1 | 71.3 | 82.0 | 83.3 | 83.0 | 83.0 | 83.0 | 84.4 | 83.7 | 87.7 |
| Metal mining | 7 | 1.7 | 1.5 | 1.6 | 1.6 | 2.5 | 2.6 | 2.7 | 2.8 | 2.5 | 2.9 | 2.6 | 2.6 | 4.4 | 5.4 | 6.0 |
| Coal mining | 8 | 9.5 | 8.9 | 8.5 | 10.1 | 10.3 | 11.1 | 10.2 | 11.5 | 11.3 | 13.0 | 12.5 | 12.5 | 13.8 | 14.8 | 15.6 |
| Oil and gas extraction | 9 | 65.7 | 67.1 | 54.7 | 61.8 | 56.1 | 54.5 | 52.9 | 60.9 | 63.2 | 60.2 | 60.8 | 60.8 | 69.1 | 56.2 | 58.6 |
| Nonmetallic minerals, except fuels | 10 | 6.7 | 7.5 | 7.0 | 6.4 | 5.3 | 4.8 | 5.4 | 6.8 | 6.3 | 6.9 | 7.2 | 7.2 | 7.1 | 7.3 | 7.6 |
| Construction | 11 | 190.8 | 198.8 | 200.3 | 185.4 | 174.7 | 164.9 | 170.0 | 190.9 | 209.0 | 209.1 | 213.0 | 213.0 | 211.2 | 212.8 | 208.5 |
| Manufacturing | 12 | 741.6 | 773.1 | 777.1 | 725.4 | 746.7 | 711.1 | 733.8 | 791.4 | 810.5 | 819.1 | 878.4 | 877.8 | 924.6 | 932.4 | 922.8 |
| Durable goods | 13 | 440.9 | 460.9 | 458.0 | 424.3 | 429.7 | 392.4 | 402.5 | 458.4 | 468.1 | 471.5 | 503.2 | 501.9 | 537.0 | 543.0 | 535.0 |
| Lumber and wood products | 14 | 23.1 | 23.3 | 23.4 | 21.6 | 19.5 | 19.3 | 22.5 | 25.3 | 24.9 | 27.5 | 31.0 | 31.3 | 30.3 | 29.4 | 28.7 |
| Furniture and fixtures | 15 | 11.1 | 12.0 | 11.1 | 11.6 | 11.8 | 11.0 | 12.3 | 13.5 | 14.3 | 15.2 | 15.2 | 15.2 | 15.2 | 15.4 | 14.2 |
| Stone, clay, and glass products | 16 | 25.8 | 26.8 | 26.7 | 23.8 | 22.3 | 18.2 | 22.0 | 23.9 | 24.5 | 25.9 | 24.8 | 24.0 | 25.1 | 26.0 | 25.0 |
| Primary metal industries | 17 | 54.7 | 58.0 | 54.1 | 49.2 | 51.0 | 38.0 | 32.3 | 37.7 | 35.3 | 38.5 | 36.3 | 36.3 | 34.5 | 33.3 | 35.1 |
| Fabricated metal products | 18 | 52.7 | 54.9 | 57.3 | 54.6 | 55.2 | 49.1 | 50.6 | 56.4 | 57.6 | 56.4 | 59.2 | 59.3 | 61.9 | 61.1 | 59.0 |
| Machinery, except electrical | 19 | 81.8 | 85.0 | 85.9 | 81.2 | 81.6 | 69.4 | 66.8 | 73.7 | 77.9 | 74.6 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| Industrial machinery and equipment | 20 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Electric and electronic equipment | 21 | 54.1 | 60.1 | 64.3 | 69.8 | 72.7 | 66.9 | 70.6 | 80.4 | 83.4 | 83.8 | 91.3 | 88.2 | 97.3 | 102.6 | 102.0 |
| Electronic and other electric equipment | 22 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Motor vehicles and equipment | 23 | 66.7 | 68.1 | 60.5 | 39.8 | 45.0 | 39.4 | 47.2 | 59.3 | 62.8 | 58.0 | 58.5 | 58.7 | 63.0 | 56.5 | 48.1 |
| Other transportation equipment | 24 | 35.3 | 36.5 | 38.2 | 38.3 | 32.3 | 44.2 | 41.8 | 45.5 | 46.7 | 51.2 | 57.5 | 56.6 | 58.3 | 61.0 | 64.3 |
| Instruments and related products | 25 | 22.1 | 23.1 | 24.3 | 24.2 | 26.1 | 25.3 | 26.1 | 27.9 | 26.7 | 27.3 | 27.3 | 40.4 | 49.8 | 49.6 | 52.7 |
| Miscellaneous manufacturing industries | 26 | 13.6 | 13.2 | 12.1 | 10.4 | 12.2 | 11.6 | 10.2 | 14.7 | 14.1 | 14.0 | 15.0 | 15.0 | 17.0 | 17.3 | 17.1 |
| Nondurable goods | 27 | 300.7 | 312.2 | 319.2 | 301.1 | 317.1 | 318.7 | 331.3 | 333.0 | 342.4 | 347.7 | 375.2 | 375.9 | 387.6 | 389.4 | 387.8 |
| Food and kindred products | 28 | 56.6 | 60.9 | 62.4 | 64.3 | 65.9 | 73.3 | 72.2 | 71.2 | 74.7 | 73.1 | 78.9 | 78.9 | 82.4 | 79.5 | 81.4 |
| Tobacco manufactures | 29 | 18.9 | 19.9 | 19.8 | 19.7 | 20.9 | 17.3 | 15.7 | 14.7 | 14.4 | 14.5 | 13.0 | 13.0 | 12.2 | 10.4 | 10.0 |
| Textile mill products | 30 | 17.0 | 17.3 | 17.8 | 17.3 | 17.2 | 16.3 | 18.1 | 18.3 | 18.0 | 19.3 | 20.3 | 20.3 | 20.0 | 20.9 | 21.2 |
| Apparel and other textile products | 31 | 18.7 | 20.5 | 21.5 | 20.4 | 19.9 | 18.6 | 20.4 | 21.0 | 20.9 | 21.9 | 22.6 | 22.6 | 23.5 | 24.7 | 23.7 |
| Paper and allied products | 32 | 32.8 | 33.9 | 33.5 | 30.9 | 31.0 | 31.9 | 34.4 | 35.4 | 35.7 | 36.9 | 36.7 | 36.7 | 38.5 | 39.7 | 39.5 |
| Printing and publishing | 33 | 49.1 | 51.5 | 54.5 | 52.7 | 53.6 | 53.8 | 54.9 | 57.4 | 58.9 | 58.6 | 61.0 | 61.0 | 63.1 | 64.1 | 62.2 |
| Chemicals and allied products | 34 | 65.1 | 67.7 | 65.1 | 57.5 | 62.0 | 63.8 | 68.1 | 66.4 | 67.0 | 74.8 | 82.3 | 82.3 | 83.2 | 84.1 | 88.0 |
| Petroleum and coal products | 35 | 21.0 | 17.6 | 21.1 | 15.0 | 21.4 | 19.6 | 21.7 | 20.6 | 23.3 | 19.4 | 25.9 | 25.9 | 29.7 | 30.4 | 22.8 |
| Rubber and miscellaneous plastics products | 36 | 16.5 | 17.8 | 18.9 | 18.5 | 20.4 | 19.4 | 21.3 | 24.2 | 26.1 | 26.0 | 29.0 | 29.0 | 30.0 | 32.2 | 32.5 |
| Leather and leather products | 37 | 4.9 | 5.1 | 4.5 | 4.8 | 4.7 | 4.6 | 4.2 | 4.0 | 3.6 | 3.2 | 3.5 | 3.5 | 3.7 | 3.7 | 3.9 |
| Transportation and public utilities | 38 | 314.3 | 325.1 | 335.5 | 336.3 | 337.1 | 331.3 | 351.7 | 377.6 | 381.8 | 386.9 | 419.9 | 419.8 | 431.5 | 443.0 | 456.0 |
| Transportation | 39 | 117.2 | 121.2 | 126.2 | 120.2 | 116.5 | 115.5 | 127.3 | 136.6 | 137.4 | 142.6 | 152.8 | 152.7 | 150.1 | 154.7 | 160.9 |
| Railroad transportation | 40 | 16.1 | 17.6 | 18.2 | 18.5 | 17.9 | 15.6 | 17.3 | 19.6 | 19.6 | 19.5 | 21.7 | 21.7 | 23.1 | 22.1 | 23.5 |
| Local and interurban passenger transit | 41 | 9.9 | 9.6 | 9.5 | 8.5 | 7.7 | 7.3 | 7.4 | 8.3 | 8.3 | 8.6 | 8.7 | 8.7 | 8.1 | 8.7 | 8.7 |
| Trucking and warehousing | 42 | 52.7 | 52.5 | 53.5 | 50.8 | 47.1 | 46.1 | 52.2 | 57.2 | 58.2 | 59.5 | 61.0 | 61.0 | 57.8 | 60.7 | 60.7 |
| Water transportation | 43 | 8.6 | 9.2 | 9.3 | 9.3 | 9.7 | 9.0 | 8.5 | 8.6 | 8.4 | 8.2 | 8.0 | 8.0 | 7.7 | 7.8 | 8.1 |
| Transportation by air | 44 | 17.0 | 20.0 | 21.7 | 19.2 | 19.1 | 21.5 | 25.5 | 26.5 | 25.5 | 30.2 | 35.1 | 35.1 | 34.8 | 35.6 | 39.9 |
| Pipelines, except natural gas | 45 | 6.1 | 4.5 | 5.7 | 5.3 | 5.9 | 6.7 | 6.3 | 5.4 | 5.4 | 4.3 | 5.2 | 5.2 | 4.8 | 5.0 | 4.9 |
| Transportation services | 46 | 6.8 | 7.8 | 8.3 | 8.7 | 9.0 | 9.3 | 10.0 | 11.0 | 12.0 | 12.5 | 13.1 | 13.1 | 13.8 | 14.7 | 15.0 |
| Communications | 47 | 73.5 | 80.7 | 86.2 | 94.4 | 98.7 | 101.0 | 107.6 | 116.3 | 115.8 | 117.8 | 127.6 | 127.6 | 135.1 | 135.7 | 140.4 |
| Telephone and telegraph | 48 | 60.6 | 67.2 | 72.6 | 80.9 | 85.0 | 87.0 | 93.6 | 101.7 | 102.5 | 105.6 | 113.7 | 113.7 | 117.0 | 116.2 | 121.2 |
| Radio and television | 49 | 12.9 | 13.5 | 13.5 | 13.5 | 13.7 | 13.9 | 14.0 | 14.6 | 13.3 | 12.2 | 13.9 | 13.9 | 16.4 | 18.1 | 19.5 |
| Electric, gas, and sanitary services | 50 | 123.7 | 123.2 | 123.1 | 121.6 | 121.9 | 114.9 | 116.8 | 124.7 | 128.6 | 126.5 | 139.5 | 139.5 | 146.3 | 152.6 | 154.8 |
| Wholesale trade | 51 | 170.1 | 185.8 | 195.8 | 190.5 | 207.5 | 218.2 | 224.2 | 259.5 | 273.0 | 307.1 | 302.6 | 303.1 | 313.4 | 329.4 | 323.1 |
| Retail trade | 52 | 318.0 | 338.1 | 334.8 | 320.1 | 330.6 | 336.8 | 365.1 | 397.7 | 421.4 | 453.2 | 440.1 | 441.8 | 467.0 | 483.7 | 478.0 |
| Finance, insurance, and real estate | 53 | 586.5 | 631.0 | 667.4 | 692.8 | 704.7 | 708.4 | 727.9 | 762.1 | 776.4 | 776.6 | 809.9 | 809.7 | 847.4 | 869.0 | 868.3 |
| Banking | 54 | 92.6 | 96.9 | 102.3 | 107.1 | 111.2 | 113.0 | 113.4 | 114.4 | 116.2 | 118.1 | 118.7 | 118.7 | 124.7 | 124.7 | 124.7 |
| Depository institutions | 55 | 18.0 | 19.7 | 20.9 | 21.4 | 22.1 | 22.1 | 24.4 | 26.9 | 28.8 | 31.7 | 34.0 | 34.0 | 34.7 | 34.7 | 34.7 |
| Credit agencies other than banks | 56 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Nondepository institutions | 57 | 12.8 | 15.2 | 15.6 | 17.5 | 20.0 | 17.9 | 24.4 | 22.6 | 26.7 | 26.5 | 37.8 | 37.8 | 37.9 | 36.4 | 41.7 |
| Security and commodity brokers | 58 | 53.8 | 57.0 | 58.6 | 61.1 | 56.9 | 53.4 | 52.9 | 58.8 | 58.7 | 55.4 | 51.2 | 51.2 | 60.9 | 66.2 | 57.6 |
| Insurance carriers | 59 | 21.3 | 21.5 | 21.6 | 22.5 | 23.6 | 25.6 | 26.6 | 27.1 | 27.1 | 27.5 | 30.1 | 30.2 | 31.2 | 30.8 | 32.9 |
| Insurance agents, brokers, and service | 60 | 389.0 | 411.4 | 438.3 | 453.0 | 460.2 | 464.8 | 475.2 | 499.2 | 504.7 | 502.0 | 521.3 | 521.5 | 549.4 | 560.2 | 566.3 |
| Real estate | 61 | 275.4 | 288.3 | 301.9 | 321.7 | 333.4 | 339.6 | 340.3 | 350.2 | 358.4 | 365.0 | 368.9 | 368.9 | 378.4 | 385.0 | 390.4 |
| Nonfarm housing services | 62 | 113.6 | 123.0 | 136.4 | 131.3 | 126.8 | 125.2 | 135.0 | 149.0 | 148.3 | 141.5 | 152.4 | 152.6 | 170.9 | 175.2 | 176.0 |
| Other real estate | 63 | 9.0 | 9.4 | 10.1 | 10.2 | 10.7 | 11.7 | 11.9 | 13.2 | 14.2 | 15.5 | 16.9 | 16.9 | 17.4 | 17.4 | 18.4 |
| Holding and other investment offices | 64 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Services | 65 | 538.9 | 573.5 | 592.8 | 609.0 | 624.4 | 629.2 | 649.5 | 687.8 | 722.0 | 751.7 | 784.0 | 782.5 | 813.5 | 846.8 | 872.9 |
| Hotels and other lodging places | 66 | 33.3 | 34.8 | 33.7 | 31.0 | 30.9 | 31.6 | 34.6 | 37.0 | 39.2 | 40.7 | 42.6 | 42.6 | 43.1 | 45.3 | 44.2 |
| Personal services | 67 | 28.4 | 28.8 | 28.1 | 27.6 | 27.1 | 26.5 | 27.4 | 28.4 | 31.1 | 32.0 | 32.2 | 31.0 | | | |

Pollution Abatement and Control Expenditures, 1987-91

By Gary L. Rutledge and Mary L. Leonard

REAL SPENDING for pollution abatement and control (PAC) decreased 1.4 percent in 1991, in contrast to a 3.4-percent increase in 1990 (chart 1). Prices of PAC goods and services, as measured by the PAC fixed-weighted price in-

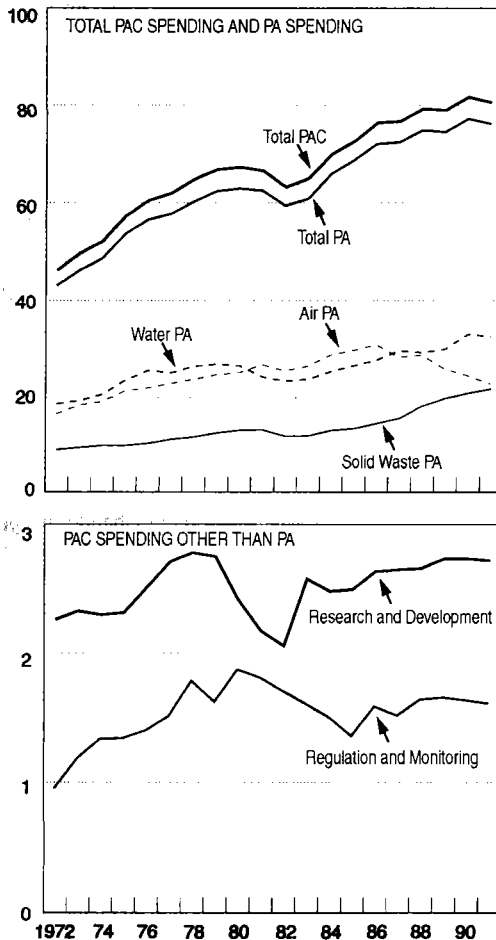
dex, increased 3.0 percent, following a 3.4-percent increase.

Over nine-tenths of all PAC spending is for pollution abatement (PA); the remainder consists of regulation and monitoring expenditures and of research and development expenditures. PA expenditures decreased 1.4 percent in 1991, following a 3.6-percent increase in 1990. Real spending for regulation and monitoring decreased 1.5 percent after a 1.3-percent decrease, and real spending for research and development decreased 0.5 percent after no change.¹

CHART 1

Real Spending for Pollution Abatement and Control, 1972-91

Billions 1987 \$



NOTE.—Pollution abatement and control (PAC) expenditures consist of spending for pollution abatement (PA), for regulation and monitoring, and for research and development.

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

1. The expenditures discussed in this article are for the goods and services that U.S. residents use to produce cleaner air and water and to manage solid waste and are classified by function (for example, research and development), sector (for example, business), and type (for example, air). PA, which is the principal function, reduces pollutant emissions by preventing the generation of pollutants, by recycling the pollutants, and by treating the pollutants prior to discharge; regulation and monitoring is a government activity that stimulates and guides action to reduce pollutant emissions; research and development by business and government not only supports abatement but also helps increase the efficiency of regulation and monitoring.

The estimates of PAC spending cover most, but not all, PAC activities, which are defined as activities resulting from rules, policies and conventions, and formal regulations restricting the release of pollutants into common-property media, primarily air and water. The estimates exclude (1) PAC activities that do not use productive resources (for example, plant closings due to PAC, delays in plant construction, or curtailments in the use of chemicals in manufacturing and agriculture) and (2) PAC activities that do use productive resources but that are nonmarket activities (for example, volunteer litter removal).

For the purpose of concise presentation, solid waste management—which includes the collection and disposal of solid waste and the alteration of production processes to generate less solid waste—is categorized as solid waste PAC in the tables in this article. These estimates mainly cover spending for collection and disposal by means acceptable to Federal, State, and lo-

Acknowledgments

Gary L. Rutledge, Chief of the Environmental Economics Division, supervised the preparation of the estimates. Mary L. Leonard planned and coordinated the compilation and analysis of the estimates, with the assistance of Mohamad F. Moabi. The preparation of estimates involved the following staff: Personal consumption—Frederick G. Kappler; business—Frederick G. Kappler, Mary L. Leonard, Mohamad F. Moabi, R. Christian Thieme, Christine R. Vogan, and Howard J. White; and government—Mary L. Leonard, Mohamad F. Moabi, Christine R. Vogan, and Howard J. White. Shirley D. Tisdale provided statistical services, and Sonia R. Jones provided secretarial services.

This article first examines real PAC spending in 1991, prices of PAC goods and services in 1991, and likely real PAC spending in 1992, and then it examines changes in the composition of PAC spending in 1987-91. The sources of the estimates are described briefly at the end of the article.

Recent estimates

Real PAC spending in 1991.—Real PAC spending decreased \$1.1 billion, or 1.4 percent, to \$80.6 billion in 1991 (table 1). It had increased 3.4 percent in 1990 (table 2, with detail in table 7).

By type, real spending for air PAC decreased 6.4 percent in 1991, following a decrease of 4.5 percent in 1990. The 1991 decrease was attributable to declines in personal consumption and business spending to purchase and operate emission abatement devices on motor vehicles. Real spending for water PAC decreased 1.4 percent, following an increase of 9.7 percent. The decrease was due mainly to declines in spending for the operation of industrial plant and equipment and for the purchase of residential and public sewer system

cal governments; in the text, they are referred to as "solid waste disposal" spending.

Table 1.—Constant-Dollar Spending for Pollution Abatement and Control in 1991

| | Billions of 1987 dollars | | Percent change from preceding year ^a |
|--|--------------------------|---|---|
| | Level ^a | Change from preceding year ^a | |
| Pollution abatement and control | 80.6 | -1.11 | -1.4 |
| Pollution abatement | 76.3 | -1.07 | -1.4 |
| Personal consumption | 6.7 | -1.86 | -21.8 |
| Motor vehicle emission abatement devices | 6.7 | -1.67 | -20.0 |
| Operation of these devices | 0 | .19 | -100.0 |
| Business | 50.7 | .78 | 1.6 |
| On capital account | 17.0 | .57 | 3.5 |
| Motor vehicle emission abatement | 5.2 | -.01 | -.2 |
| Plant and equipment | 9.6 | .93 | 10.7 |
| Other | 2.2 | -.3 | -13.7 |
| On current account | 33.7 | .21 | .6 |
| Motor vehicle emission abatement | 0 | -.22 | -100.0 |
| Plant and equipment | 21.2 | -.85 | -3.8 |
| Public sewer systems ¹ | 10.3 | .81 | 8.6 |
| Cost recovered | -1.4 | -.29 | -17.3 |
| Other | 3.6 | .17 | 4.9 |
| Government | 18.9 | .01 | .1 |
| Public sewer system fixed capital ² | 9.8 | -.49 | -4.8 |
| Other | 9.0 | .51 | 5.9 |
| Regulation and monitoring | 1.6 | -.02 | -1.5 |
| Research and development | 2.7 | -.01 | -.5 |

^a Preliminary.

1. Spending to operate public sewer systems is classified in the national income and product accounts as business spending.

2. Consists of government enterprise purchases of fixed capital (primarily for the construction of public sewer systems), which is classified in the national income and product accounts as government spending.

NOTE.—The entries in this table are key components from tables 7 and 8; the "other" entries are consolidations of detail from those tables.

fixed capital (largely construction). Real spending for solid waste disposal increased 3.9 percent after increasing 5.4 percent. The 1991 increase primarily reflected growth in operating costs.

By sector for PA, personal consumption expenditures decreased in 1991, and business and government spending increased. Personal consumption expenditures, which consists of the purchase and operation of motor vehicle emission abatement devices, decreased \$1.9 billion, or 21.8 percent, in 1991. Purchases of these devices (for example, catalytic converters) decreased \$1.7 billion, or 20.0 percent, reflecting a fall in unit sales of vehicles. Operating costs of these devices—which consist largely of the additional cost of using unleaded, rather than leaded, gasoline in vehicles with catalytic converters—decreased \$0.2 billion to zero. By 1991, the market for leaded gasoline had diminished to such an extent that the price difference between unleaded and leaded gasoline was not discernible.²

Business PA expenditures increased \$0.8 billion, or 1.6 percent, in 1991. Spending on capital account increased \$0.6 billion, or 3.5 percent, reflecting an increase in purchases of new plant and equipment. Spending on current account increased \$0.2 billion, or 0.6 percent, largely reflecting increases in the operation of plant and equipment for public sewer systems.

Government PA expenditures changed little in 1991. An increase in State and local government spending for solid waste disposal was offset by a decrease in construction of public sewer systems.

2. For more information about trends in these operating costs, see Gary L. Rutledge and Mary L. Leonard, "Pollution Abatement and Control Expenditures, 1972-90," SURVEY OF CURRENT BUSINESS 72 (June 1992): 33.

Table 2.—Percent Change in Spending and Prices for Pollution Abatement and Control

| | Change from preceding year | | | | |
|----------------------------------|----------------------------|-------------------|-------------------|-------------------|-------------------|
| | 1987 | 1988 ^a | 1989 ^a | 1990 ^a | 1991 ^a |
| Total: | | | | | |
| Current dollars | 3.4 | 6.3 | 3.6 | 6.6 | 1.6 |
| 1987 dollars | .4 | 3.4 | -.3 | 3.4 | -1.4 |
| Fixed-weighted price index | 2.9 | 2.8 | 3.9 | 3.4 | 3.0 |
| Air: | | | | | |
| Current dollars | -4.4 | 3.9 | -6.4 | -2.3 | -3.8 |
| 1987 dollars | -7.7 | 1.6 | -9.4 | -4.5 | -6.4 |
| Fixed-weighted price index | 3.5 | 2.4 | 3.6 | 3.6 | 2.5 |
| Water: | | | | | |
| Current dollars | 8.7 | 1.1 | 6.4 | 12.0 | 1.1 |
| 1987 dollars | 6.7 | -1.3 | 2.7 | 9.7 | -1.4 |
| Fixed-weighted price index | 4.0 | 2.5 | 3.6 | 2.1 | 2.9 |
| Solid waste: | | | | | |
| Current dollars | 11.6 | 22.2 | 14.8 | 11.1 | 7.4 |
| 1987 dollars | 7.4 | 17.4 | 9.2 | 5.4 | 3.9 |
| Fixed-weighted price index | 3.8 | 4.1 | 5.1 | 5.5 | 3.4 |

^a Revised.

^a Preliminary.

Prices in 1991.—The fixed-weighted price index for total PAC spending increased 3.0 percent in 1991, following a 3.4-percent increase in 1990 (table 2). Price increases slowed for air PAC and for solid waste disposal and accelerated for water PAC.

Real PAC spending in 1992.—According to the information available by June 1993, real PAC spending probably increased slightly in 1992. The increase appears to be attributable to increases in State and local government spending for solid waste disposal and to increases in business spending to operate PA plant and equipment.

The composition of real PAC spending in 1987–91

To highlight the changes in real spending that resulted in significant compositional shifts of PAC purchases, real spending is organized by sector (for example, business) in tables 3 and 4 and by type (for example, air PA mobile sources) in tables 5 and 6. The sectors are in accordance with national economic accounting conventions. The types are defined in accordance with Federal environmental legislation.³

Spending by sector.—The share of total PAC spending accounted for by personal consumption declined from 14.2 percent in 1987 to 8.3 percent in 1991. The share of personal consumption

3. For air PA, the Clean Air Act classifies the sources of pollutants as mobile (for example, automobiles) or stationary (for example, factories). For water PA, the Federal Water Pollution Control Act classifies the sources of pollutants as point (for example, factories) or nonpoint (for example, highway construction projects).

spending accounted for by the operation of motor vehicle emission abatement devices fell from 20.5 percent in 1987 to zero in 1991, while the share for purchases of these devices increased proportionately.

Business spending as a share of total PAC spending increased from 60.6 percent in 1987 to 65.5 percent in 1991. The shares of spending on capital account and on current account were relatively stable, with current-account spending representing about two-thirds of business spending.

Government spending accounted for about 25 percent of total PAC spending in 1987–91. The share of government spending accounted for by

Table 4.—Composition of Constant-Dollar Pollution Abatement and Control Spending, by Sector

| | 1987 | 1988 ^r | 1989 ^r | 1990 ^r | 1991 ^r |
|--|------|-------------------|-------------------|-------------------|-------------------|
| Percent of total PAC spending | | | | | |
| Personal consumption | 14.2 | 14.9 | 13.0 | 10.4 | 8.3 |
| Business | 60.6 | 60.6 | 61.9 | 63.6 | 65.5 |
| Government | 25.2 | 24.5 | 25.2 | 26.0 | 26.3 |
| Percent of spending within each sector | | | | | |
| Personal consumption: ¹ | | | | | |
| Motor vehicle emission abatement devices | 79.5 | 83.3 | 90.7 | 97.7 | 100.0 |
| Operation of these devices | 20.5 | 16.7 | 9.3 | 2.3 | 0 |
| Business: ¹ | | | | | |
| On capital account | 31.8 | 30.8 | 29.9 | 31.7 | 32.3 |
| On current account | 68.2 | 69.2 | 70.1 | 68.3 | 67.7 |
| Government: ¹ | | | | | |
| Public sewer system fixed capital ... | 52.1 | 49.7 | 47.2 | 48.7 | 46.4 |
| Other | 47.9 | 50.3 | 52.8 | 51.3 | 53.6 |

1. These categories are the same as those in table 3.

Table 3.—Constant-Dollar Spending for Pollution Abatement and Control, by Sector

| | Millions of 1987 dollars | | | | | Percent change | | | |
|--|--------------------------|-------------------|-------------------|-------------------|-------------------|----------------------------|-------------------|-------------------|-------------------|
| | 1987 | 1988 ^r | 1989 ^r | 1990 ^r | 1991 ^r | Change from preceding year | | | |
| | | | | | | 1988 ^r | 1989 ^r | 1990 ^r | 1991 ^r |
| Pollution abatement and control | 76,672 | 79,277 | 79,006 | 81,703 | 80,597 | 3.4 | -0.3 | 3.4 | -1.4 |
| Personal consumption | 10,875 | 11,837 | 10,245 | 8,512 | 6,654 | 8.8 | -13.4 | -16.9 | -21.8 |
| Motor vehicle emission abatement devices | 8,642 | 9,857 | 9,296 | 8,320 | 6,654 | 14.1 | -5.7 | -10.5 | -20.0 |
| Operation of these devices | 2,233 | 1,980 | 948 | 192 | 0 | -11.3 | -52.1 | -79.7 | -100.0 |
| Business | 46,488 | 48,046 | 48,882 | 51,955 | 52,752 | 3.4 | 1.7 | 6.3 | 1.5 |
| On capital account | 14,771 | 14,788 | 14,636 | 16,450 | 17,022 | .1 | -1.0 | 12.4 | 3.5 |
| Motor vehicle emission abatement | 5,083 | 5,791 | 5,228 | 5,260 | 5,248 | 13.9 | -9.7 | .6 | -2 |
| Plant and equipment | 6,580 | 6,325 | 6,832 | 8,673 | 9,602 | -3.9 | 8.0 | 26.9 | 10.7 |
| Other | 3,108 | 2,672 | 2,576 | 2,517 | 2,172 | -14.0 | -3.6 | -2.3 | -13.7 |
| On current account | 31,717 | 33,258 | 34,246 | 35,505 | 35,730 | 4.9 | 3.0 | 3.7 | .6 |
| Motor vehicle emission abatement | 1,644 | 1,460 | 749 | 221 | 0 | -11.2 | -48.7 | -70.5 | -100.0 |
| Plant and equipment | 18,954 | 20,291 | 21,103 | 22,048 | 21,203 | 7.1 | 4.0 | 4.5 | -3.8 |
| Public sewer systems ¹ | 7,792 | 8,269 | 8,803 | 9,488 | 10,300 | 6.1 | 6.5 | 7.8 | 8.6 |
| Other ² | 3,327 | 3,238 | 3,591 | 3,749 | 4,227 | -2.7 | 10.9 | 4.4 | 12.8 |
| Government | 19,310 | 19,395 | 19,878 | 21,235 | 21,191 | .4 | 2.5 | 6.8 | -2 |
| Public sewer system fixed capital ³ | 10,053 | 9,646 | 9,383 | 10,334 | 9,839 | -4.0 | -2.7 | 10.1 | -4.8 |
| Other ⁴ | 9,257 | 9,749 | 10,495 | 10,901 | 11,352 | 5.3 | 7.7 | 3.9 | 4.1 |

^r Revised.

^r Preliminary.

1. Spending to operate public sewer systems is classified in the national income and product accounts as business spending.

2. For this table, private purchases for research and development are included with business pollution abatement spending on current account.

3. Consists of government enterprise purchases of fixed capital (primarily for the construction of public sewer systems), which is classified in the national income and product accounts as government spending.

4. For this table, government regulation and monitoring and government research and development are included with "other" government pollution abatement spending.

public sewer system fixed capital decreased, reflecting a decline in construction spending, while the share of "other" government spending increased, reflecting growth in spending for solid waste disposal.

Spending by type.—The share of total PAC spending accounted for by air PAC steadily declined from 40.0 percent in 1987 to 31.3 percent in 1991, reflecting the decline in operating costs of emission abatement devices. The share accounted for by water PAC was relatively stable at about 40 percent. The share accounted for by spending for solid waste disposal increased from 20.7 percent in 1987 to 27.7 percent in 1991, primarily reflecting growth in operating costs.

Within air PA, the share of spending for mobile sources decreased, while the share for stationary

Table 6.—Composition of Constant-Dollar Pollution Abatement and Control Spending, by Type

| | 1987 | 1988 ^r | 1989 ^r | 1990 ^r | 1991 ^r |
|---|------|-------------------|-------------------|-------------------|-------------------|
| Percent of total PAC spending | | | | | |
| Air | 40.0 | 39.3 | 35.8 | 33.0 | 31.3 |
| Water | 39.9 | 38.1 | 39.3 | 41.6 | 41.6 |
| Solid waste | 20.7 | 23.5 | 25.8 | 26.3 | 27.7 |
| Percent of spending within each PA-type | | | | | |
| Air: ¹ | | | | | |
| Mobile sources | 61.7 | 65.9 | 62.4 | 56.6 | 51.8 |
| Stationary sources | 38.3 | 34.1 | 37.6 | 43.4 | 48.2 |
| Water: ¹ | | | | | |
| Point sources | 94.0 | 94.9 | 95.0 | 96.7 | 95.6 |
| Nonpoint sources | 6.0 | 5.1 | 5.0 | 3.3 | 4.4 |
| Solid waste: ¹ | | | | | |
| Industrial | 53.2 | 55.7 | 55.3 | 54.3 | 52.9 |
| Other | 46.8 | 44.3 | 44.7 | 45.7 | 47.1 |

1. These categories are the same as those in table 5.

PAC Pollution abatement and control

PA Pollution abatement

Table 5.—Constant-Dollar Spending for Pollution Abatement and Control, by Type

| | Millions of 1987 dollars | | | | | Percent change | | | |
|--|--------------------------|-------------------|-------------------|-------------------|-------------------|----------------------------|-------------------|-------------------|-------------------|
| | 1987 | 1988 ^r | 1989 ^r | 1990 ^r | 1991 ^r | Change from preceding year | | | |
| | | | | | | 1988 ^r | 1989 ^r | 1990 ^r | 1991 ^r |
| Pollution abatement and control | 76,672 | 79,277 | 79,006 | 81,703 | 80,597 | 3.4 | -0.3 | 3.4 | -1.4 |
| Pollution abatement | 72,506 | 74,977 | 74,619 | 77,337 | 76,270 | 3.4 | -5 | 3.6 | -1.4 |
| Air ¹ | 28,519 | 28,972 | 26,010 | 24,728 | 22,995 | 1.6 | -10.2 | -4.9 | -7.0 |
| Mobile sources ² | 17,601 | 19,088 | 16,222 | 13,994 | 11,902 | 8.4 | -15.0 | -13.7 | -14.9 |
| Emission abatement devices | 13,725 | 15,648 | 14,524 | 13,580 | 11,902 | 14.0 | -7.2 | -6.5 | -12.4 |
| Operation of these devices | 3,876 | 3,440 | 1,698 | 413 | 0 | -11.2 | -50.6 | -75.7 | -100.0 |
| Stationary sources | 10,918 | 9,884 | 9,788 | 10,734 | 11,093 | -9.5 | -1.0 | 9.7 | 3.3 |
| Facilities | 4,118 | 3,428 | 3,482 | 4,137 | 5,081 | -16.8 | 1.6 | 18.8 | 22.8 |
| Industrial ³ | 3,728 | 3,241 | 3,270 | 3,969 | 4,932 | -13.1 | .9 | 21.4 | 24.3 |
| Other ⁴ | 391 | 188 | 213 | 168 | 150 | -52.0 | 13.5 | -21.0 | -11.1 |
| Operation of facilities | 6,800 | 6,456 | 6,306 | 6,597 | 6,012 | -5.1 | -2.3 | 4.6 | -8.9 |
| Industrial | 6,575 | 6,213 | 6,069 | 6,371 | 5,784 | -5.5 | -2.3 | 5.0 | -9.2 |
| Other ⁵ | 225 | 243 | 236 | 227 | 228 | 8.0 | -2.8 | -4.0 | .4 |
| Water ⁶ | 29,694 | 29,265 | 30,057 | 33,066 | 32,589 | -1.4 | 2.7 | 10.0 | -1.4 |
| Point sources | 27,907 | 27,776 | 28,546 | 31,981 | 31,140 | -5 | 2.8 | 12.0 | -2.6 |
| Facilities | 14,008 | 13,474 | 13,595 | 15,891 | 14,595 | -3.8 | .9 | 16.9 | -8.2 |
| Industrial ³ | 2,354 | 2,365 | 2,802 | 4,226 | 3,730 | .5 | 18.5 | 50.8 | -11.7 |
| Public sewer systems | 10,053 | 9,646 | 9,383 | 10,334 | 9,839 | -4.0 | -2.7 | 10.1 | -4.8 |
| Other ⁷ | 1,601 | 1,464 | 1,410 | 1,331 | 1,026 | -8.6 | -3.7 | -5.6 | -22.9 |
| Operation of facilities | 13,899 | 14,302 | 14,951 | 16,091 | 16,545 | 2.9 | 4.5 | 7.6 | 2.8 |
| Industrial | 5,383 | 5,343 | 5,462 | 5,935 | 5,575 | -7 | 2.2 | 8.7 | -6.1 |
| Public sewer systems | 7,792 | 8,269 | 8,803 | 9,488 | 10,300 | 6.1 | 6.5 | 7.8 | 8.6 |
| Other ⁵ | 724 | 690 | 686 | 668 | 670 | -4.8 | -5 | -2.6 | .2 |
| Nonpoint sources | 1,787 | 1,489 | 1,511 | 1,085 | 1,449 | -16.7 | 1.5 | -28.2 | 33.6 |
| Solid waste | 15,470 | 18,155 | 19,849 | 20,938 | 21,810 | 17.4 | 9.3 | 5.5 | 4.2 |
| Industrial | 8,227 | 10,111 | 10,986 | 11,365 | 11,529 | 22.9 | 8.7 | 3.5 | 1.5 |
| Other ⁸ | 7,243 | 8,044 | 8,864 | 9,574 | 10,281 | 11.1 | 10.2 | 8.0 | 7.4 |
| Other ⁹ | -1,177 | -1,415 | -1,297 | -1,395 | -1,124 | 20.2 | -8.3 | 7.6 | -19.4 |
| Regulation and monitoring | 1,519 | 1,643 | 1,657 | 1,636 | 1,611 | 8.2 | .9 | -1.3 | -1.5 |
| Air | 410 | 430 | 452 | 446 | 446 | 4.9 | 5.1 | -1.3 | 0 |
| Water | 583 | 617 | 616 | 597 | 607 | 5.8 | -2 | -3.1 | 1.7 |
| Solid waste | 300 | 371 | 369 | 372 | 363 | 23.7 | -5 | .8 | -2.4 |
| Other ⁹ | 226 | 225 | 220 | 220 | 195 | -4 | -2.2 | 0 | -11.4 |
| Research and development | 2,648 | 2,658 | 2,730 | 2,730 | 2,716 | .4 | 2.7 | 0 | -5 |
| Air | 1,776 | 1,787 | 1,786 | 1,814 | 1,824 | .6 | -1 | 1.6 | .6 |
| Water | 339 | 327 | 347 | 359 | 359 | -3.5 | 6.1 | 3.5 | 0 |
| Solid waste | 129 | 136 | 170 | 173 | 156 | 5.4 | 25.0 | 1.8 | -9.8 |
| Other ⁹ | 404 | 407 | 426 | 384 | 378 | .7 | 4.7 | -9.9 | -1.6 |

^r Revised.

^p Preliminary.

1. The Clean Air Act classifies sources of pollutants as either mobile, such as passenger cars, or stationary, such as factories.

2. Cars and trucks only.

3. Consists of new plant and equipment spending for pollution abatement from the Pollution Abatement and Costs Expenditures Survey and the Structures and Equipment Survey—Supplement for Pollution Abatement by the Bureau of Census and of indirect estimation by the Bureau of Economic Analysis for selected nonmanufacturing industries.

4. Consists of spending for fixed capital of government enterprises, such as the Tennessee Valley Authority.

5. Consists of spending to operate abatement facilities by government enterprises and spending

to acquire and operate government facilities other than those mentioned in footnote 4; data on the acquisition costs of these facilities are inseparable from the data on operating costs.

6. The Federal Water Pollution Control Act defines point sources as facilities that discharge to a body of water through a pipe or ditch.

7. Consists of spending for private connectors to public sewer systems, capital spending by owners of feedlots, and spending for fixed capital of government enterprises.

8. Consists of Federal, State, and local government spending for the collection and disposal of solid waste and of household payments to business for the collection and disposal of solid waste.

9. Consists of "other and unallocated" spending, for example, for abatement of multimedia pollution (see footnote 2, table 7).

Effects of the 1990 Clean Air Act

This box describes key provisions of the 1990 Clean Air Act and discusses their possible effects on expenditures for pollution abatement and control in 1991.

One provision of the act requires lower emissions of air pollutants from motor vehicles, beginning with the 1994 model year. Consequently, any effects of this provision on 1991 spending would be limited to research and development spending, which rose slightly.

Another provision expanded the range of businesses required to lower their air emissions to include medium and selected small businesses, and it expanded the list of hazardous substances to be controlled. Probably reflecting a pickup in spending due to this provision, the pollution abatement part of nonresidential fixed investment increased significantly. This increase was mainly in manufacturing, according to data from the Census Bureau's Pollution Abatement Costs and Expenditures Survey.

In addition, a provision of the act requires lower emissions, particularly sulfur oxides emissions, by elec-

tric utilities, and it calls for the design of a system or market for the trading of rights to emit sulfur oxides. The first phase of the implementation of this provision is to be in full operation by 1995. Capital spending for pollution abatement by electric utilities declined in 1991, as utilities weighed various compliance strategies; many electric utilities may be planning a mix of strategies—such as switching to cleaner fuels, emissions trading, and pollution abatement investment.


The effect of the act on operating costs for air pollution abatement will probably occur gradually. Operating costs fell in 1991; the decrease was mainly accounted for by manufacturing and electric utilities and is consistent with a relatively low capacity utilization rate in a relatively weak economic recovery. It is likely that any increases in spending in response to the act occurred near the end of 1991, and in that case, any rise in capital stock would tend not to affect operating spending until 1992.

sources increased. Within water PA, abatement activities of point sources continued to account for most of the spending. Within solid waste PA, industrial spending continued to account for a little more than one-half of the spending.

Sources of the estimates

The estimates of PAC components that are derived from direct sources typically account for about three-fifths of total PAC spending. The most important data sources are the following surveys conducted by the Bureau of the Census: The Pollution Abatement Costs and Expenditures Survey (for capital and operating spending by manufac-

turing establishments), the Pollution Abatement Plant and Equipment Expenditures Survey (for capital spending totals by nonfarm business), and surveys of government finances (for government spending to operate public sewer systems and to collect and dispose of solid waste). The estimates of the remaining PAC components are based on other sources that provide more general survey information and on assumptions made to utilize this information.⁴

Tables 7 and 8 follow. 

4. For a discussion of these other sources, see Rutledge and Leonard, "Expenditures," pages 31–34. Since the publication of that article, several minor adjustments have been made to the sources and methods used to prepare the nonmanufacturing estimates.

Table 7.—Expenditures for Pollution Abatement and Control by Sector and Type

| Line | | 1987 | | | | | 1988 ^r | | | | |
|--|---|--------------------|---------------|---------------|---------------|------------------------------------|--------------------|---------------|---------------|---------------|------------------------------------|
| | | Total ¹ | Air | Water | Solid waste | Other and unallocated ² | Total ¹ | Air | Water | Solid waste | Other and unallocated ² |
| Millions of current dollars | | | | | | | | | | | |
| 1 | Pollution abatement and control | 76,672 | 30,705 | 30,616 | 15,899 | -548 | 81,472 | 31,903 | 30,955 | 19,435 | -821 |
| 2 | Pollution abatement | 72,506 | 28,519 | 29,694 | 15,470 | -1,177 | 76,996 | 29,590 | 29,978 | 18,908 | -1,480 |
| 3 | Personal consumption | 10,875 | 10,875 | ..... | ..... | ..... | 12,062 | 12,062 | ..... | ..... | ..... |
| 4 | Durable goods ³ | 8,642 | 8,642 | ..... | ..... | ..... | 10,064 | 10,064 | ..... | ..... | ..... |
| 5 | Nondurable goods ⁴ | 2,233 | 2,233 | ..... | ..... | ..... | 1,998 | 1,998 | ..... | ..... | ..... |
| 6 | Business | 44,501 | 17,159 | 18,388 | 10,413 | -1,459 | 47,204 | 17,256 | 18,804 | 13,010 | -1,865 |
| 7 | On capital account | 14,771 | 8,810 | 4,622 | 1,339 | ..... | 15,225 | 9,301 | 4,385 | 1,539 | ..... |
| 8 | On current account | 29,729 | 8,349 | 13,767 | 9,074 | -1,459 | 31,979 | 7,955 | 14,418 | 11,470 | -1,865 |
| 9 | Private | 23,251 | 8,218 | 5,959 | 9,073 | ..... | 25,298 | 7,787 | 6,042 | 11,470 | ..... |
| 10 | Government enterprise | 7,939 | 130 | 7,808 | ..... | 1 | 8,547 | 168 | 8,377 | ..... | 2 |
| 11 | Costs recovered | -1,460 | ..... | ..... | ..... | -1,460 | -1,867 | ..... | ..... | ..... | -1,867 |
| 12 | Government | 17,130 | 486 | 11,305 | 5,057 | 282 | 17,730 | 272 | 11,175 | 5,899 | 385 |
| 13 | Federal | 1,237 | 80 | 707 | 250 | 200 | 1,402 | 65 | 707 | 300 | 330 |
| 14 | State and local | 5,356 | 15 | 452 | 4,807 | 82 | 6,148 | 10 | 484 | 5,599 | 55 |
| 15 | Government enterprise purchases of fixed capital | 10,538 | 391 | 10,147 | ..... | ..... | 10,181 | 197 | 9,984 | ..... | ..... |
| 16 | Regulation and monitoring | 1,519 | 410 | 583 | 300 | 226 | 1,695 | 440 | 635 | 385 | 235 |
| 17 | Federal | 700 | 110 | 250 | 120 | 220 | 850 | 120 | 300 | 200 | 230 |
| 18 | State and local | 819 | 300 | 333 | 180 | 6 | 845 | 320 | 335 | 185 | 5 |
| 19 | Research and development | 2,648 | 1,776 | 339 | 129 | 404 | 2,781 | 1,873 | 342 | 142 | 424 |
| 20 | Private | 1,987 | 1,574 | 199 | 35 | 179 | 2,088 | 1,652 | 209 | 39 | 188 |
| 21 | Federal | 630 | 200 | 120 | 90 | 220 | 665 | 220 | 115 | 100 | 230 |
| 22 | State and local | 31 | 2 | 20 | 4 | 5 | 28 | 1 | 18 | 3 | 6 |
| Millions of constant (1987) dollars | | | | | | | | | | | |
| 23 | Pollution abatement and control | 76,672 | 30,705 | 30,616 | 15,899 | -548 | 79,277 | 31,189 | 30,209 | 18,662 | -784 |
| 24 | Pollution abatement | 72,506 | 28,519 | 29,694 | 15,470 | -1,177 | 74,977 | 28,972 | 29,265 | 18,155 | -1,419 |
| 25 | Personal consumption | 10,875 | 10,875 | ..... | ..... | ..... | 11,837 | 11,837 | ..... | ..... | ..... |
| 26 | Durable goods ³ | 8,642 | 8,642 | ..... | ..... | ..... | 9,857 | 9,857 | ..... | ..... | ..... |
| 27 | Nondurable goods ⁴ | 2,233 | 2,233 | ..... | ..... | ..... | 1,980 | 1,980 | ..... | ..... | ..... |
| 28 | Business | 44,501 | 17,159 | 18,388 | 10,413 | -1,459 | 46,057 | 16,874 | 18,468 | 12,491 | -1,776 |
| 29 | On capital account | 14,771 | 8,810 | 4,622 | 1,339 | ..... | 14,788 | 9,031 | 4,261 | 1,495 | ..... |
| 30 | On current account | 29,729 | 8,349 | 13,767 | 9,074 | -1,459 | 31,269 | 7,843 | 14,207 | 10,996 | -1,776 |
| 31 | Private | 23,251 | 8,218 | 5,959 | 9,073 | ..... | 24,592 | 7,673 | 5,924 | 10,996 | ..... |
| 32 | Government enterprise | 7,939 | 130 | 7,808 | ..... | 1 | 8,455 | 170 | 8,283 | ..... | 2 |
| 33 | Costs recovered | -1,460 | ..... | ..... | ..... | -1,460 | -1,778 | ..... | ..... | ..... | -1,778 |
| 34 | Government | 17,130 | 486 | 11,305 | 5,057 | 282 | 17,083 | 261 | 10,797 | 5,664 | 361 |
| 35 | Federal | 1,237 | 80 | 707 | 250 | 200 | 1,340 | 64 | 675 | 292 | 309 |
| 36 | State and local | 5,356 | 15 | 452 | 4,807 | 82 | 5,864 | 10 | 431 | 5,372 | 52 |
| 37 | Government enterprise purchases of fixed capital | 10,538 | 391 | 10,147 | ..... | ..... | 9,879 | 188 | 9,692 | ..... | ..... |
| 38 | Regulation and monitoring | 1,519 | 410 | 583 | 300 | 226 | 1,643 | 430 | 617 | 371 | 225 |
| 39 | Federal | 700 | 110 | 250 | 120 | 220 | 814 | 115 | 287 | 192 | 220 |
| 40 | State and local | 819 | 300 | 333 | 180 | 6 | 829 | 315 | 329 | 180 | 5 |
| 41 | Research and development | 2,648 | 1,776 | 339 | 129 | 404 | 2,658 | 1,787 | 327 | 136 | 407 |
| 42 | Private | 1,987 | 1,574 | 199 | 35 | 179 | 1,989 | 1,574 | 199 | 37 | 179 |
| 43 | Federal | 630 | 200 | 120 | 90 | 220 | 643 | 213 | 111 | 97 | 222 |
| 44 | State and local | 31 | 2 | 20 | 4 | 5 | 27 | 1 | 17 | 3 | 6 |
| Selected fixed-weighted price indexes | | | | | | | | | | | |
| 45 | Pollution abatement and control | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 102.8 | 102.4 | 102.5 | 104.1 | 105.2 |
| 46 | Pollution abatement | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 102.7 | 102.2 | 102.5 | 104.1 | 104.6 |
| 47 | Personal consumption | 100.0 | 100.0 | ..... | ..... | ..... | 101.8 | 101.8 | ..... | ..... | ..... |
| 48 | Business | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 102.5 | 102.4 | 101.8 | 104.1 | 105.0 |
| 49 | On capital account | 100.0 | 100.0 | 100.0 | 100.0 | ..... | 103.0 | 103.1 | 102.9 | 102.9 | ..... |
| 50 | On current account | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 102.2 | 101.6 | 101.5 | 104.3 | 105.0 |
| 51 | Government | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 103.8 | 104.6 | 103.5 | 104.1 | 106.7 |
| 52 | Regulation and monitoring | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 103.0 | 102.3 | 102.8 | 103.5 | 104.0 |
| 53 | Research and development | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 104.6 | 104.8 | 104.4 | 103.9 | 104.1 |
| Addendum: Business capital consumption allowances (millions of dollars) ⁵ | | | | | | | | | | | |
| 54 | Valued at replacement cost in current dollars | 14,432 | ..... | ..... | ..... | ..... | 14,811 | ..... | ..... | ..... | ..... |
| 55 | Valued at replacement cost in constant (1987) dollars | 14,432 | ..... | ..... | ..... | ..... | 14,423 | ..... | ..... | ..... | ..... |

^p Preliminary.^r Revised.

1. Includes spending for air and water pollution abatement and control and expenditures for solid waste collection and disposal by means acceptable to Federal, State, and local governments. Excludes agricultural production except feedlot operations.

2. "Other" includes spending for abatement and control of noise, radiation, and pesticide pollution; "unallocated" includes business spending not assigned to media.

3. Durables consists of purchases of motor vehicle emission abatement devices.

4. Nondurables consists of spending to operate motor vehicle emission abatement devices.

5. Capital consumption allowances facilitate the conversion of expenditures to a cost basis.

NOTE.—Expenditures are attributed to the sector that performs, rather than pays for, the air or water pollution abatement or the solid waste collection and disposal.

in Current and Constant Dollars and Selected Fixed-Weighted Price Indexes, 1987-91

| 1989 ^r | | | | | 1990 ^r | | | | | 1991 ^r | | | | | Line |
|--|--------|--------|-------------|------------------------------------|--------------------|--------|--------|-------------|------------------------------------|--------------------|--------|--------|-------------|------------------------------------|------|
| Total ¹ | Air | Water | Solid waste | Other and unallocated ² | Total ¹ | Air | Water | Solid waste | Other and unallocated ² | Total ¹ | Air | Water | Solid waste | Other and unallocated ² | |
| Millions of current dollars | | | | | | | | | | | | | | | |
| 84,396 | 29,856 | 32,943 | 22,320 | -723 | 89,996 | 29,167 | 36,909 | 24,805 | -885 | 91,456 | 28,060 | 37,310 | 26,640 | -553 | 1 |
| 79,619 | 27,415 | 31,896 | 21,735 | -1,428 | 85,116 | 26,638 | 35,851 | 24,200 | -1,573 | 86,419 | 25,423 | 36,205 | 26,026 | -1,235 | 2 |
| 10,747 | 10,747 | ..... | ..... | ..... | 9,088 | 9,088 | ..... | ..... | ..... | 7,285 | 7,285 | ..... | ..... | ..... | 3 |
| 9,689 | 9,689 | ..... | ..... | ..... | 8,798 | 8,798 | ..... | ..... | ..... | 7,285 | 7,285 | ..... | ..... | ..... | 4 |
| 1,058 | 1,058 | ..... | ..... | ..... | 289 | 289 | ..... | ..... | ..... | 0 | 0 | ..... | ..... | ..... | 5 |
| 50,058 | 16,354 | 20,618 | 14,859 | -1,773 | 55,059 | 17,279 | 23,293 | 16,409 | -1,922 | 57,135 | 17,881 | 23,486 | 17,338 | -1,569 | 6 |
| 15,520 | 8,997 | 4,866 | 1,657 | ..... | 17,727 | 9,931 | 5,644 | 1,952 | ..... | 18,950 | 11,270 | 5,599 | 2,081 | ..... | 7 |
| 34,538 | 7,357 | 15,752 | 13,202 | -1,773 | 37,332 | 7,348 | 17,449 | 14,457 | -1,922 | 38,186 | 6,611 | 17,886 | 15,257 | -1,569 | 8 |
| 26,811 | 7,196 | 6,414 | 13,202 | ..... | 28,579 | 7,188 | 7,115 | 14,457 | ..... | 28,470 | 6,449 | 6,764 | 15,257 | ..... | 9 |
| 9,502 | 161 | 9,338 | ..... | 2 | 10,497 | 161 | 10,334 | ..... | 2 | 11,287 | 162 | 11,122 | ..... | 2 | 10 |
| -1,775 | ..... | ..... | ..... | -1,775 | -1,924 | ..... | ..... | ..... | -1,924 | -1,571 | ..... | ..... | ..... | -1,571 | 11 |
| 18,814 | 315 | 11,278 | 6,876 | 345 | 20,969 | 271 | 12,558 | 7,791 | 349 | 21,998 | 258 | 12,719 | 6,688 | 334 | 12 |
| 1,379 | 70 | 729 | 300 | 280 | 1,391 | 71 | 734 | 304 | 281 | 1,417 | 73 | 753 | 341 | 250 | 13 |
| 7,143 | 12 | 489 | 6,576 | 65 | 8,089 | 13 | 521 | 7,487 | 68 | 8,980 | 16 | 533 | 8,348 | 83 | 14 |
| 10,292 | 233 | 10,060 | ..... | ..... | 11,489 | 187 | 11,303 | ..... | ..... | 11,601 | 168 | 11,433 | ..... | ..... | 15 |
| 1,803 | 490 | 670 | 400 | 243 | 1,784 | 476 | 649 | 408 | 250 | 1,818 | 483 | 677 | 427 | 231 | 16 |
| 860 | 130 | 310 | 180 | 240 | 877 | 133 | 307 | 191 | 245 | 850 | 125 | 301 | 201 | 223 | 17 |
| 943 | 360 | 360 | 220 | 3 | 907 | 343 | 342 | 217 | 5 | 968 | 358 | 376 | 226 | 8 | 18 |
| 2,974 | 1,950 | 377 | 184 | 462 | 3,097 | 2,053 | 409 | 197 | 437 | 3,220 | 2,153 | 427 | 187 | 452 | 19 |
| 2,171 | 1,718 | 217 | 40 | 195 | 2,269 | 1,820 | 220 | 42 | 186 | 2,383 | 1,911 | 231 | 45 | 196 | 20 |
| 770 | 230 | 140 | 140 | 260 | 777 | 231 | 151 | 151 | 244 | 790 | 240 | 160 | 139 | 250 | 21 |
| 33 | 2 | 20 | 4 | 7 | 51 | 2 | 38 | 4 | 7 | 47 | 2 | 36 | 3 | 6 | 22 |
| Millions of constant (1987) dollars | | | | | | | | | | | | | | | |
| 79,006 | 28,248 | 31,020 | 20,388 | -650 | 81,703 | 26,988 | 34,022 | 21,484 | -791 | 80,597 | 25,264 | 33,554 | 22,329 | -550 | 23 |
| 74,619 | 26,010 | 30,057 | 19,849 | -1,297 | 77,337 | 24,728 | 33,066 | 20,938 | -1,395 | 76,270 | 22,995 | 32,589 | 21,810 | -1,123 | 24 |
| 10,245 | 10,245 | ..... | ..... | ..... | 8,512 | 8,512 | ..... | ..... | ..... | 6,654 | 6,654 | ..... | ..... | ..... | 25 |
| 9,296 | 9,296 | ..... | ..... | ..... | 8,320 | 8,320 | ..... | ..... | ..... | 6,654 | 6,654 | ..... | ..... | ..... | 26 |
| 948 | 948 | ..... | ..... | ..... | 192 | 192 | ..... | ..... | ..... | 0 | 0 | ..... | ..... | ..... | 27 |
| 46,897 | 15,476 | 19,458 | 13,571 | -1,607 | 49,949 | 15,974 | 21,473 | 14,197 | -1,695 | 50,728 | 16,115 | 21,481 | 14,535 | -1,402 | 28 |
| 14,636 | 8,497 | 4,594 | 1,545 | ..... | 16,450 | 9,229 | 5,451 | 1,770 | ..... | 17,022 | 10,179 | 4,999 | 1,844 | ..... | 29 |
| 32,261 | 6,979 | 14,864 | 12,026 | -1,607 | 33,499 | 6,745 | 16,021 | 12,428 | -1,695 | 33,706 | 5,935 | 16,482 | 12,691 | -1,402 | 30 |
| 24,893 | 6,819 | 6,049 | 12,026 | ..... | 25,544 | 6,592 | 6,525 | 12,428 | ..... | 24,642 | 5,784 | 6,168 | 12,690 | ..... | 31 |
| 8,977 | 160 | 8,815 | ..... | 2 | 9,652 | 154 | 9,496 | ..... | 2 | 10,467 | 151 | 10,314 | ..... | 2 | 32 |
| -1,609 | ..... | ..... | ..... | -1,609 | -1,697 | ..... | ..... | ..... | -1,697 | -1,404 | ..... | ..... | ..... | -1,404 | 33 |
| 17,477 | 289 | 10,600 | 6,278 | 311 | 18,875 | 242 | 11,593 | 6,741 | 300 | 18,888 | 226 | 11,108 | 7,276 | 279 | 34 |
| 1,271 | 66 | 670 | 283 | 252 | 1,228 | 62 | 656 | 269 | 241 | 1,220 | 63 | 652 | 296 | 209 | 35 |
| 6,559 | 11 | 495 | 5,995 | 59 | 7,074 | 11 | 531 | 6,472 | 59 | 7,621 | 14 | 558 | 6,980 | 70 | 36 |
| 9,648 | 213 | 9,435 | ..... | ..... | 10,573 | 168 | 10,405 | ..... | ..... | 10,047 | 150 | 9,897 | ..... | ..... | 37 |
| 1,657 | 452 | 616 | 369 | 220 | 1,636 | 446 | 597 | 372 | 220 | 1,611 | 446 | 607 | 363 | 195 | 38 |
| 780 | 118 | 281 | 163 | 218 | 771 | 117 | 270 | 168 | 216 | 719 | 106 | 255 | 170 | 188 | 39 |
| 877 | 334 | 334 | 206 | 3 | 865 | 330 | 327 | 204 | 4 | 892 | 340 | 352 | 193 | 6 | 40 |
| 2,730 | 1,786 | 347 | 170 | 426 | 2,730 | 1,814 | 359 | 173 | 384 | 2,716 | 1,824 | 359 | 156 | 378 | 41 |
| 1,985 | 1,571 | 199 | 37 | 178 | 2,006 | 1,609 | 195 | 37 | 165 | 2,024 | 1,623 | 197 | 38 | 166 | 42 |
| 715 | 213 | 130 | 130 | 241 | 681 | 203 | 132 | 133 | 214 | 654 | 199 | 133 | 115 | 207 | 43 |
| 30 | 2 | 18 | 4 | 6 | 43 | 1 | 33 | 3 | 6 | 39 | 2 | 29 | 3 | 5 | 44 |
| Selected fixed-weighted price indexes | | | | | | | | | | | | | | | |
| 106.8 | 106.1 | 106.2 | 109.4 | 111.3 | 110.4 | 109.9 | 108.4 | 115.4 | 111.5 | 113.7 | 112.6 | 111.5 | 119.3 | 99.6 | 45 |
| 106.7 | 105.9 | 106.1 | 109.5 | 110.1 | 110.4 | 109.8 | 108.4 | 115.5 | 112.7 | 113.5 | 112.4 | 111.4 | 119.3 | 110.1 | 46 |
| 105.5 | 105.5 | ..... | ..... | ..... | 109.9 | 109.9 | ..... | ..... | ..... | 112.4 | 112.4 | ..... | ..... | ..... | 47 |
| 106.7 | 106.1 | 105.9 | 109.5 | 110.3 | 110.4 | 109.6 | 108.4 | 115.5 | 113.4 | 112.7 | 112.2 | 109.2 | 119.3 | 111.9 | 48 |
| 106.1 | 106.1 | 105.6 | 107.2 | ..... | 107.7 | 107.7 | 107.0 | 110.3 | ..... | 111.0 | 110.7 | 111.0 | 112.8 | ..... | 49 |
| 107.0 | 106.1 | 106.0 | 109.8 | 110.3 | 111.7 | 111.6 | 108.9 | 116.3 | 113.4 | 113.5 | 113.9 | 108.6 | 120.2 | 111.9 | 50 |
| 107.5 | 109.0 | 106.4 | 109.5 | 111.0 | 110.7 | 111.7 | 108.4 | 115.6 | 116.2 | 116.4 | 113.2 | 115.1 | 119.4 | 119.6 | 51 |
| 108.8 | 108.5 | 108.8 | 108.3 | 110.2 | 109.0 | 106.8 | 108.5 | 109.5 | 114.0 | 113.5 | 108.8 | 111.9 | 119.0 | 118.5 | 52 |
| 109.0 | 109.2 | 108.9 | 108.3 | 108.5 | 113.4 | 113.2 | 113.7 | 113.9 | 113.7 | 118.5 | 118.1 | 119.1 | 120.0 | 119.5 | 53 |
| Addendum: Business capital consumption allowances (millions of dollars) ⁵ | | | | | | | | | | | | | | | |
| 14,725 | ..... | ..... | ..... | ..... | 13,862 | ..... | ..... | ..... | ..... | 10,275 | ..... | ..... | ..... | ..... | 54 |
| 13,879 | ..... | ..... | ..... | ..... | 12,911 | ..... | ..... | ..... | ..... | 9,309 | ..... | ..... | ..... | ..... | 55 |

Table 8.—Business and Government Expenditures for Air and Water Pollution Abatement in Current and Constant Dollars, 1987–91

| | 1987 | | | 1988 ^r | | | 1989 ^r | | | 1990 ^r | | | 1991 ^p | | |
|---|--------------------|---------------|---------------|--------------------|---------------|---------------|--------------------|---------------|---------------|--------------------|---------------|---------------|--------------------|---------------|---------------|
| | Total ¹ | Air | Water | Total ¹ | Air | Water | Total ¹ | Air | Water | Total ¹ | Air | Water | Total ¹ | Air | Water |
| Millions of current dollars | | | | | | | | | | | | | | | |
| Business (line 6) | 35,547 | 17,159 | 18,388 | 36,059 | 17,256 | 18,804 | 36,972 | 16,354 | 20,618 | 40,573 | 17,279 | 23,293 | 41,366 | 17,881 | 23,486 |
| On capital account (line 7) | 13,432 | 8,810 | 4,622 | 13,686 | 9,301 | 4,385 | 13,863 | 8,997 | 4,866 | 15,775 | 9,931 | 5,844 | 16,869 | 11,270 | 5,599 |
| Motor vehicle emission abatement | 5,083 | 5,083 | ..... | 5,910 | 5,910 | ..... | 5,447 | 5,447 | ..... | 5,563 | 5,563 | ..... | 5,744 | 5,744 | ..... |
| Plant and equipment ² | 6,081 | 3,728 | 2,354 | 5,846 | 3,391 | 2,455 | 6,552 | 3,550 | 3,002 | 8,467 | 4,368 | 4,100 | 9,731 | 5,526 | 4,205 |
| Residential systems ³ | 2,265 | ..... | 2,265 | 1,927 | ..... | 1,927 | 1,861 | ..... | 1,861 | 1,742 | ..... | 1,742 | 1,391 | ..... | 1,391 |
| Agricultural business ⁴ | 3 | ..... | 3 | 3 | ..... | 3 | 4 | ..... | 4 | 3 | ..... | 3 | 3 | ..... | 3 |
| On current account (line 8) | 22,115 | 8,349 | 13,767 | 22,373 | 7,955 | 14,418 | 23,109 | 7,357 | 15,752 | 24,797 | 7,348 | 17,449 | 24,497 | 6,611 | 17,886 |
| Private (line 9) | 14,177 | 8,218 | 5,959 | 13,828 | 7,787 | 6,042 | 13,610 | 7,196 | 6,414 | 14,302 | 7,188 | 7,115 | 13,213 | 6,449 | 6,764 |
| Motor vehicle emission abatement | 1,644 | 1,644 | ..... | 1,473 | 1,473 | ..... | 833 | 833 | ..... | 306 | 306 | ..... | 0 | 0 | ..... |
| Plant and equipment ² | 11,958 | 6,574 | 5,382 | 11,749 | 6,314 | 5,435 | 12,139 | 6,363 | 5,776 | 13,336 | 6,881 | 6,455 | 12,537 | 6,448 | 6,087 |
| Residential systems ³ | 568 | ..... | 568 | 598 | ..... | 598 | 627 | ..... | 627 | 650 | ..... | 650 | 668 | ..... | 668 |
| Agricultural business ⁴ | 8 | ..... | 8 | 8 | ..... | 8 | 10 | ..... | 10 | 9 | ..... | 9 | 9 | ..... | 9 |
| Government enterprise (line 10) | 7,938 | 130 | 7,808 | 8,545 | 168 | 8,377 | 9,500 | 161 | 9,338 | 10,495 | 161 | 10,334 | 11,284 | 162 | 11,122 |
| Publicly owned electric utilities | 143 | 130 | 13 | 181 | 168 | 12 | 173 | 161 | 11 | 168 | 161 | 8 | 176 | 162 | 14 |
| Public sewer systems ⁵ | 7,792 | ..... | 7,792 | 8,363 | ..... | 8,363 | 9,325 | ..... | 9,325 | 10,324 | ..... | 10,324 | 11,105 | ..... | 11,105 |
| Other | 3 | ..... | 3 | 2 | ..... | 2 | 3 | ..... | 3 | 2 | ..... | 2 | 3 | ..... | 3 |
| Government (line 12) | 11,791 | 486 | 11,305 | 11,447 | 272 | 11,175 | 11,592 | 315 | 11,278 | 12,829 | 271 | 12,558 | 12,977 | 258 | 12,719 |
| Federal (line 13) | 787 | 80 | 707 | 772 | 65 | 707 | 799 | 70 | 729 | 805 | 71 | 734 | 826 | 73 | 753 |
| Federal except highways | 780 | 80 | 700 | 765 | 65 | 700 | 795 | 70 | 725 | 802 | 71 | 730 | 822 | 73 | 749 |
| Highway erosion abatement | 7 | ..... | 7 | 7 | ..... | 7 | 4 | ..... | 4 | 4 | ..... | 4 | 4 | ..... | 4 |
| State and local (line 14) | 467 | 15 | 452 | 494 | 10 | 484 | 501 | 12 | 489 | 534 | 13 | 521 | 549 | 16 | 533 |
| State and local except highways | 15 | 15 | ..... | 10 | 10 | ..... | 12 | 12 | ..... | 13 | 13 | ..... | 16 | 16 | ..... |
| Highway erosion abatement | 452 | ..... | 452 | 484 | ..... | 484 | 489 | ..... | 489 | 521 | ..... | 521 | 533 | ..... | 533 |
| Government enterprise fixed capital (line 15) | 10,538 | 391 | 10,147 | 10,181 | 197 | 9,984 | 10,292 | 233 | 10,060 | 11,489 | 187 | 11,303 | 11,601 | 168 | 11,433 |
| Publicly owned electric utilities | 485 | 391 | 95 | 245 | 197 | 48 | 289 | 233 | 56 | 265 | 187 | 78 | 231 | 168 | 63 |
| Public sewer systems ⁵ | 10,053 | ..... | 10,053 | 9,936 | ..... | 9,936 | 10,003 | ..... | 10,003 | 11,225 | ..... | 11,225 | 11,370 | ..... | 11,370 |
| Millions of constant (1987) dollars | | | | | | | | | | | | | | | |
| Business (line 28) | 35,547 | 17,159 | 18,388 | 35,342 | 16,874 | 18,468 | 34,934 | 15,476 | 19,458 | 37,447 | 15,974 | 21,473 | 37,595 | 16,115 | 21,481 |
| On capital account (line 29) | 13,432 | 8,810 | 4,622 | 13,292 | 9,031 | 4,261 | 13,092 | 8,497 | 4,594 | 14,680 | 9,229 | 5,451 | 15,178 | 10,179 | 4,999 |
| Motor vehicle emission abatement | 5,083 | 5,083 | ..... | 5,791 | 5,791 | ..... | 5,228 | 5,228 | ..... | 5,260 | 5,260 | ..... | 5,248 | 5,248 | ..... |
| Plant and equipment ² | 6,081 | 3,728 | 2,354 | 5,605 | 3,241 | 2,365 | 6,072 | 3,270 | 2,802 | 7,775 | 3,969 | 3,806 | 8,662 | 4,932 | 3,730 |
| Residential systems ³ | 2,265 | ..... | 2,265 | 1,894 | ..... | 1,894 | 1,789 | ..... | 1,789 | 1,643 | ..... | 1,643 | 1,266 | ..... | 1,266 |
| Agricultural business ⁴ | 3 | ..... | 3 | 3 | ..... | 3 | 3 | ..... | 3 | 3 | ..... | 3 | 3 | ..... | 3 |
| On current account (line 30) | 22,115 | 8,349 | 13,767 | 22,050 | 7,843 | 14,207 | 21,842 | 6,979 | 14,864 | 22,767 | 6,745 | 16,021 | 22,417 | 5,935 | 16,482 |
| Private (line 31) | 14,177 | 8,218 | 5,959 | 13,597 | 7,673 | 5,924 | 12,867 | 6,819 | 6,049 | 13,117 | 6,592 | 6,525 | 11,952 | 5,784 | 6,168 |
| Motor vehicle emission abatement | 1,644 | 1,644 | ..... | 1,460 | 1,460 | ..... | 749 | 749 | ..... | 221 | 221 | ..... | 0 | 0 | ..... |
| Plant and equipment ² | 11,958 | 6,574 | 5,382 | 11,556 | 6,213 | 5,343 | 11,532 | 6,069 | 5,462 | 12,306 | 6,371 | 5,934 | 11,359 | 5,784 | 5,575 |
| Residential systems ³ | 568 | ..... | 568 | 574 | ..... | 574 | 579 | ..... | 579 | 583 | ..... | 583 | 586 | ..... | 586 |
| Agricultural business ⁴ | 8 | ..... | 8 | 7 | ..... | 7 | 8 | ..... | 8 | 7 | ..... | 7 | 7 | ..... | 7 |
| Government enterprise (line 32) | 7,938 | 130 | 7,808 | 8,453 | 170 | 8,283 | 8,975 | 160 | 8,815 | 9,650 | 154 | 9,496 | 10,466 | 151 | 10,314 |
| Publicly owned electric utilities | 143 | 130 | 13 | 182 | 170 | 12 | 170 | 160 | 10 | 160 | 154 | 7 | 163 | 151 | 12 |
| Public sewer systems ⁵ | 7,792 | ..... | 7,792 | 8,269 | ..... | 8,269 | 8,803 | ..... | 8,803 | 9,488 | ..... | 9,488 | 10,300 | ..... | 10,300 |
| Other | 3 | ..... | 3 | 2 | ..... | 2 | 2 | ..... | 2 | 2 | ..... | 2 | 3 | ..... | 3 |
| Government (line 34) | 11,791 | 486 | 11,305 | 11,058 | 261 | 10,797 | 10,889 | 289 | 10,600 | 11,834 | 242 | 11,593 | 11,334 | 226 | 11,108 |
| Federal (line 35) | 787 | 80 | 707 | 738 | 64 | 675 | 736 | 66 | 670 | 719 | 62 | 656 | 715 | 63 | 652 |
| Federal except highways | 780 | 80 | 700 | 732 | 64 | 669 | 732 | 66 | 666 | 715 | 62 | 653 | 711 | 63 | 648 |
| Highway erosion abatement | 7 | ..... | 7 | 6 | ..... | 6 | 4 | ..... | 4 | 4 | ..... | 4 | 4 | ..... | 4 |
| State and local (line 36) | 467 | 15 | 452 | 441 | 10 | 431 | 505 | 11 | 495 | 543 | 11 | 531 | 572 | 14 | 558 |
| State and local except highways | 15 | 15 | ..... | 10 | 10 | ..... | 11 | 11 | ..... | 11 | 11 | ..... | 14 | 14 | ..... |
| Highway erosion abatement | 452 | ..... | 452 | 431 | ..... | 431 | 495 | ..... | 495 | 531 | ..... | 531 | 558 | ..... | 558 |
| Government enterprise fixed capital (line 37) | 10,538 | 391 | 10,147 | 9,879 | 188 | 9,692 | 9,648 | 213 | 9,435 | 10,573 | 168 | 10,405 | 10,047 | 150 | 9,897 |
| Publicly owned electric utilities | 485 | 391 | 95 | 233 | 188 | 46 | 265 | 213 | 52 | 240 | 168 | 72 | 208 | 150 | 58 |
| Public sewer systems ⁵ | 10,053 | ..... | 10,053 | 9,646 | ..... | 9,646 | 9,383 | ..... | 9,383 | 10,334 | ..... | 10,334 | 9,839 | ..... | 9,839 |

^r Revised.^p Preliminary.

1. Consists of air and water pollution abatement expenditures only.

2. Consists of manufacturing companies and of privately and cooperatively owned electric utilities and other non-manufacturing companies.

3. Consists of private septic systems and sewer connections linking household plumbing to street sewers.

4. Feedlot operations only; see footnote 1 to table 7.

5. Public sewer systems consist of treatment plants, collection sewers, interceptor sewers, pumping stations, and dry-waste disposal plants. Spending to operate public sewer systems is classified in the national income and product accounts as business spending. Government enterprise purchases of fixed capital (primarily for construction of public sewer systems) is classified in the national income and product accounts as government spending.

NOTE.—Line numbers correspond to those in table 7.

Comprehensive Revision of Local Area Personal Income Estimates, 1969–90

By Wallace K. Bailey

THIS ARTICLE describes the comprehensive revision of the estimates of personal income for counties and metropolitan areas for 1969–90. For each of these local areas, tables 1 and 2 present the revised estimates of personal income and per capita personal income for 1989–90 and new estimates for 1991.

A comprehensive revision of the local area estimates of personal income is made approximately every 5 years to incorporate the changes that result from a comprehensive revision of State personal income and new source data and estimating methods for local areas.¹ This local area revision incorporates results from the 1992 comprehensive revision of State personal income, which in turn incorporated results from the 1991 comprehensive revision of the national income and product accounts (NIPA's) and the 1992 annual NIPA revision.² In addition, this revision incorporates extensively revised metropolitan area definitions that reflect data from the 1990 Census of Population.

Table 1 presents estimates for the county-based metropolitan areas that are defined for statistical purposes by the Office of Management and Budget. Revisions to the definitions of these areas are discussed in the section "New metropolitan area definitions." Table 2 presents estimates for counties and county equivalents. For Virginia, estimates are presented for the larger independent cities as well as for most counties; estimates for the smaller independent cities are combined with estimates for their adjacent counties.

1. The timing of the availability of some of these source data will make it necessary to revise the State and local area estimates independently of this comprehensive revision. In April of 1994, the State and local area estimates for 1981–91 will be further revised in order to complete the incorporation of the data from the 1987 Census of Agriculture and the 1990 Census of Population and to incorporate 1987–89 data from the Internal Revenue Service on the income of sole proprietorships and partnerships. (The Internal Revenue Service data currently used to estimate the income of sole proprietorships and partnerships by county are for 1981–83.)

2. See "The Comprehensive Revision of the U.S. National Income and Product Accounts: A Review of Revisions and Major Statistical Changes," SURVEY OF CURRENT BUSINESS 71 (December 1991): 24–40; "Annual Revision of the U.S. National Income and Product Accounts," SURVEY 72 (July 1992): 6–45; and "The Comprehensive Revision of State Personal Income," SURVEY 72 (August 1992): 44–59.

Changes in source data and estimating methods

This section describes the changes in subnational source data and estimating methods that were introduced for specific components of personal income in this comprehensive revision; most of these changes resulted from the use of census data that were not available at the time of the last comprehensive revision. Not discussed are changes resulting from the comprehensive NIPA revisions that involved detailed estimation that cannot be replicated for the State and local area estimates. Those changes were implicitly incorporated into the State estimates through the use of the national estimates of about 400 detailed subcomponents of personal income as the "control totals" to which the State estimates are made to sum; the county estimates in turn are made to sum to the State estimates.

Wage and salary disbursements.—The 1987–91 county estimates of the wages and salaries of the employees of farms and farm labor contractors in most States are now based on data from the 1987 Census of Agriculture; because pertinent annual data are not available, the geographic distributions from the 1987 census are used without change for each subsequent year. The estimates for 1983–86 are based on straight-line interpolations between data from the 1982 and the 1987 censuses. For States with legally mandated unemployment insurance (UI) coverage of these employees and States where voluntary coverage by employers is near-complete, the data reported by employers on UI tax returns are used in preference to the census data because the UI data are available annually. For the wages of farm employees, the number of States for which the UI data are used has now been increased to ten; for the wages of the employees of farm labor contractors, the UI data continue to be used for only three States.

Farm proprietors' income.—The 1987–91 county estimates of most of the components of gross farm income and expenses for which census of

agriculture data are used are now based on data from the 1987 census; the 1987 geographic distributions are extrapolated to subsequent years by pertinent data, if available, or used without change for each subsequent year. The 1983–86 estimates are derived from interpolations between the 1982 and 1987 censuses. The 1987 census data for “other” farm related income and “other” production expenses will be incorporated into the estimates when the 1992 county estimates are released in April 1994.

Personal interest income.—The 1990–91 county estimates of interest from State and local government bonds are now based on data on the number of high-income households from the 1990 Census of Population; because pertinent annual data are not available, the 1990 geographic distributions are used without change for 1991. The 1981–89 estimates are now derived from straight-line interpolations between data from the 1990 census and comparable data from the 1980 census.

Rental income of persons.—The 1990–91 county estimates of imputed rent (the net rental value of owner-occupied nonfarm dwellings) are now based on data on the number and value of owner-occupied houses and mobile homes from the 1990 Census of Housing; because pertinent annual data are not available, the 1990 geographic distributions are used without change for 1991. The 1981–89 estimates are now derived from in-

terpolations between data from the 1990 census and comparable data from the 1980 census.

Transfer payments.—The county estimates now incorporate two definitional changes that affected the national estimates—the reclassification of bad debt losses as financial transactions and the reclassification of the benefits paid by the Pension Benefit Guaranty Corporation from business transfer payments to Federal transfer payments. As a result of the reclassification of bad debt losses, the subcomponent for consumer bad debts was discontinued. As a result of the reclassification of the benefits, the scope of the subcomponent that consisted of all business transfer payments except consumer bad debts was reduced, and a new subcomponent of Federal transfer payments was established. The national estimate of this subcomponent is allocated to States and counties in proportion to social security benefits, which are assumed to reflect the geographic distribution of the retired population. Previously, the national estimate of the subcomponent that included these benefits was allocated to States and counties in proportion to the civilian population.

Adjustment for residence.—The 1971–79 estimates of this adjustment—the net flow of the earnings of intercounty commuters—were revised for selected counties. The 1970 and 1980 residence adjustments are based primarily on the BEA wage and salary estimates and on journey-to-work data

Acknowledgments

The comprehensive revision of the local area personal income estimates was prepared by the Regional Economic Measurement Division under the direction of Linnea Hazen, Chief. The preparation of the estimates was a divisionwide effort.

Estimates of nonfarm labor income (wages and salaries and other labor income) were prepared by the Regional Wage Branch under the supervision of Sharon C. Carnevale, Chief. Major responsibilities were assigned to Michael G. Pilot, John A. Rusinko, and James M. Scott. Contributing staff members were E. Frances Bake, Christopher T. Berry, Elizabeth P. Cologer, Susan P. Den Herder, Elizabeth A. Freeman, Lela S. Lester, Russell C. Lusher, Richard A. Lutyk, Paul K. Medzerian, Lisa C. Nonomiya, Michael Phillips, Adrienne T. Pilot, William E. Reid, jr., Dolores A. Rynn, Victor A. Sahadachny, Eugene L. Souder, Darleen K. Won, and Jaime Zenzano.

Estimates of farm earnings (wages and salaries, other labor income, and proprietors' income), personal tax and nontax payments, and the residence adjustments were prepared by the Quarterly Income Branch under the supervision of Robert L. Brown, Assistant Division

Chief. Major responsibilities were assigned to James M. Zavrel. Contributing staff members were Elaine M. Briccetti, Daniel R. Corrin, Richard H. Grayson, and Daniel Zabronsky.

Estimates of nonfarm proprietors' income, dividends, interest, rent, transfer payments, and personal contributions for social insurance were prepared by the Proprietors' Income Branch under the supervision of Bruce Levine, Chief. Major responsibilities were assigned to Charles A. Jolley. Contributing staff members were Catherine G. Cumberland, Toan A. Ly, Michael S. Wagner, Ellen M. Wright, and Marianne A. Ziver.

The assembly of public use tabulations and data files and the preparation of the text and tables for this article were performed by the Regional Economic Information System Branch. Major responsibilities were assigned to Kathy A. Albetski, Wallace K. Bailey, Kenneth P. Berkman, and Gary V. Kennedy. Contributing staff members were H. Steven Dolan, Louise T. Johnson, Susan J. Lease-Trevathan, Jeffrey L. Newman, Michael J. Paris, Albert Silverman, Callan S. Swenson, Hilda G. Tolson, Monique B. Tyes, and Mary C. Williams.

from the censuses of population, but they also reflect modifications for 187 counties for which the BEA wage estimates and the census journey-to-work data are inconsistent. The 1971–79 estimates now reflect an improved method of interpolation between the census-year estimates for these counties. Journey-to-work data from the 1990 Census of Population will be incorporated into the county residence adjustments for 1981 and later years when the 1992 county estimates are released in April 1994.

New metropolitan area definitions


The metropolitan area (MA) definitions used by BEA for its MA personal income estimates are the county-based definitions issued by the Office of Management and Budget (OMB) for Federal statistical purposes. These areas consist of 52 primary metropolitan statistical areas (PMSA's), 239 metropolitan statistical areas (MSA's), and 12 New England county metropolitan areas (NECMA's).³ The PMSA's and one NECMA are grouped into 17 consolidated metropolitan statistical areas (CMSA's).

The estimates presented here use the revised MA definitions issued by OMB in December 1992. These revised definitions reflect, for the first time, results of the 1990 Census of Population together with some minor changes to the standards for MA definition. The most important changes to the definitions were the recognition of eight new MSA's and one new NECMA, the addition of many previously nonmetropolitan counties to existing MA's, and changes to the structure of more than one-half of the CMSA's.

A total of 97 formerly nonmetropolitan counties were added to MA's by the redefinitions, mainly because of increasing rates of commuting to work by the counties' residents into the central counties of the MA's.⁴ Ten of these counties

are in the new MA's, and 87 were added to existing MA's. A total of 18 counties were deleted from MA's, mainly because of slower population growth. The net effect of these additions and deletions was to transfer \$70.3 billion from non-metropolitan to metropolitan personal income in 1991.

Many of the largest MA's, including five of the seven largest, were extensively changed in these new definitions. (The seven largest MA's—those centered on New York City, Los Angeles, Chicago, Washington-Baltimore, San Francisco, Philadelphia, and Boston—together accounted for almost one-third of the Nation's personal income in 1991.) The Washington-Baltimore CMSA was created by the consolidation of the former MSA's centered on Washington, DC, Baltimore, MD, and Hagerstown, MD; each of these areas is now recognized as a PMSA. In addition, eight formerly nonmetropolitan counties were added to the CMSA and to the Washington, DC-MD-VA-WV PMSA. Four formerly separate NECMA's were merged into the Boston NECMA, which now extends north to include Rochester, Portsmouth, and Manchester, NH; west to include Fitchburg and Worcester, MA; and south to include Fall River and New Bedford, MA. The most striking change to the New York CMSA was to its internal structure. Five former PMSA's in New Jersey and one former PMSA on Long Island were merged into the former New York, NY PMSA, which is now called the New York-Newark, NY-NJ-PA PMSA (a formerly nonmetropolitan county in Pennsylvania was also added).⁵ The internal structure of the Chicago CMSA was also changed, as three former PMSA's were merged into the Chicago, IL PMSA, which now comprises all of the Illinois portion of the CMSA except the newly added Kankakee, IL PMSA. The Philadelphia CMSA was changed in composition, as the Trenton, NJ PMSA was transferred to the New York CMSA, and as the former Atlantic City, NJ MSA was added as the Atlantic-Cape May, NJ PMSA.

Tables 1 and 2 follow beginning on page 67. 

3. For the New England region, BEA uses a county-based definition of MA's, rather than a definition in terms of cities and towns, because the available data for cities and towns are insufficient.

A list of the metropolitan areas and their definitions (Accession Number PB 93-111-7313) is available from the National Technical Information Service (NTIS); write to NTIS, Document Sales, 5205 Port Royal Road, Springfield, VA 22161, or call (703) 487-4650.

4. For the purposes of MA definition, many counties that are commonly considered to be suburban in character are defined as central counties.

5. OMB has some of the changes to the PMSA composition of the New York CMSA under reconsideration, but no changes to the current MA definitions will be reflected in the BEA estimates until April 1994.

Data Availability

Personal income by type of payment and earnings by Standard Industrial Classification (SIC) division, as shown in table A, are available for metropolitan areas and counties for 1969-91. A version of this table that presents earnings by SIC two-digit industry is also available. In addition, there are supplemental tables for employment by SIC division (the "one-digit" level), for transfer payments by program, and for major categories of farm income and expenses.

These tables are available on magnetic tapes, computer printouts, microcomputer diskettes, and a CD-ROM. Each table for all years of data for all the metropolitan areas or for all the counties is available on a single reel of magnetic tape, but the more detailed (SIC two-digit industry) income table requires two reels at standard blocksize; the price of each reel of magnetic tape is \$100. The tables on computer printouts are priced by the page; the minimum charge is \$10. The tables on diskette are priced at \$20 per diskette.

The entire set of these tables for all counties and metropolitan areas and for all years will be available on a CD-ROM to be released in June 1993. This CD-ROM will also contain quarterly State

estimates of personal income for 1969-92, gross state product for 1977-89, projections of State and metropolitan area personal income and employment to 2040, and a description of the sources and methods used to estimate local area personal income. The CD-ROM is designed for use with microcomputers equipped with the MS-DOS operating system and includes a program to help users select, display, print, and copy the tables. The price is \$35.00.

Materials available without charge include a sample packet of all available tables, a list of the State agencies and university research bureaus from which the BEA State and local area estimates can be obtained, and the description of sources and methods used to prepare the local area estimates.

All of these materials are available from the Regional Economic Information System, BE-55, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230. Until June 18, 1993, the phone number is (202) 254-6630; after June 18, call (202) 606-5360.

Table A.—Example of Available Data for Local Areas: Personal Income by Major Source and Earnings by Major Industry, 1986-91¹

(Thousands of dollars)

| | New London County, Connecticut | | | | | |
|---|--------------------------------|-----------|-----------|-----------|-----------|-----------|
| | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 |
| Income by Place of Residence | | | | | | |
| Total personal income | 4,079,670 | 4,401,289 | 4,670,110 | 5,012,395 | 5,171,023 | 5,313,030 |
| Nonfarm personal income | 4,046,686 | 4,362,729 | 4,628,078 | 4,968,263 | 5,114,590 | 5,261,961 |
| Farm income ² | 32,984 | 38,560 | 42,032 | 44,132 | 56,433 | 51,069 |
| Population (thousands) ³ | 249.1 | 251.0 | 254.3 | 254.9 | 255.1 | 254.7 |
| Per capita personal income (dollars) | 16,375 | 17,538 | 18,367 | 19,667 | 20,269 | 20,863 |
| Derivation of total personal income: | | | | | | |
| Total earnings by place of work | 3,035,287 | 3,302,610 | 3,499,725 | 3,697,763 | 3,759,125 | 3,867,219 |
| Less: Personal cont. for social insur. ⁴ | 184,096 | 205,714 | 225,425 | 247,000 | 250,377 | 264,095 |
| Plus: Adjustment for residence ⁵ | 11,480 | 32,248 | 63,995 | 78,985 | 93,758 | 56,509 |
| Equals: Net earn. by place of residence | 2,862,671 | 3,129,144 | 3,338,295 | 3,529,748 | 3,602,506 | 3,659,633 |
| Plus: Dividends, interest, and rent ⁶ | 704,328 | 735,013 | 764,542 | 857,923 | 863,104 | 869,122 |
| Plus: Transfer payments | 512,671 | 537,132 | 567,273 | 624,724 | 705,413 | 784,275 |
| Earnings by Place of Work | | | | | | |
| Earnings by type: | | | | | | |
| Wages and salaries | 2,589,149 | 2,811,204 | 2,963,982 | 3,124,170 | 3,157,560 | 3,246,391 |
| Other labor income | 247,052 | 256,349 | 277,775 | 306,268 | 311,999 | 335,744 |
| Proprietors' income ⁷ | 199,086 | 235,057 | 257,968 | 267,325 | 289,566 | 285,084 |
| Farm | 22,847 | 28,028 | 31,234 | 32,294 | 41,998 | 36,922 |
| Nonfarm | 176,239 | 207,029 | 226,734 | 235,031 | 247,568 | 248,162 |
| Earnings by industry: | | | | | | |
| Farm | 32,984 | 38,560 | 42,032 | 44,132 | 56,433 | 51,069 |
| Nonfarm | 3,002,303 | 3,264,050 | 3,457,693 | 3,653,631 | 3,702,692 | 3,816,150 |
| Private | 2,314,014 | 2,516,242 | 2,664,793 | 2,810,889 | 2,809,281 | 2,880,661 |
| Ag. serv., for., fish., and other ⁸ | 8,711 | 12,019 | 14,561 | 13,339 | 14,691 | 15,145 |
| Mining | -1,093 | 964 | 2,948 | 2,474 | 3,622 | 4,649 |
| Construction | 172,172 | 191,279 | 233,873 | 244,049 | 185,976 | 170,939 |
| Manufacturing | 1,069,993 | 1,085,737 | 1,046,340 | 1,101,008 | 1,115,419 | 1,151,970 |
| Nondurable goods | 251,223 | 263,609 | 271,464 | 291,077 | 307,796 | 329,644 |
| Durable goods | 818,770 | 822,128 | 774,876 | 809,931 | 807,623 | 822,326 |
| Transportation and public utilities | 155,873 | 170,358 | 175,427 | 192,917 | 193,751 | 208,036 |
| Wholesale trade | 75,387 | 88,247 | 96,021 | 103,446 | 97,666 | 98,950 |
| Retail trade | 300,438 | 327,170 | 358,499 | 366,397 | 347,945 | 340,053 |
| Finance, insurance, and real estate | 48,017 | 80,656 | 86,129 | 77,439 | 82,119 | 72,387 |
| Services | 484,516 | 559,812 | 650,995 | 709,820 | 768,092 | 818,532 |
| Government and government enterprises | 688,289 | 747,808 | 792,900 | 842,742 | 893,411 | 935,489 |
| Federal, civilian | 119,676 | 132,857 | 140,846 | 144,193 | 157,534 | 155,633 |
| Military | 291,095 | 298,028 | 296,219 | 298,470 | 310,204 | 315,756 |
| State and local | 277,518 | 316,923 | 355,835 | 400,079 | 425,673 | 464,100 |

1. 1986-87 based on 1972 SIC. 1988-91 based on 1987 SIC.

2. Farm income consists of proprietors' net farm income, the wages of hired labor, the pay-in-kind of hired farm labor, and the salaries of officers of corporate farms.

3. Census Bureau midyear population estimates. 1986-89 are revised as of January 1992 to reflect 1980 and 1990 Census population counts. The 1991 Census county population estimates have been adjusted by BEA to be consistent with 1991 Census State population estimates released in January 1993.

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

5. U.S. adjustment for residence consists of adjustments for border workers; income of U.S. residents commuting outside U.S. borders to work less income of foreign residents commuting inside U.S. borders to work plus certain Caribbean seasonal workers.

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

7. Includes the inventory valuation and capital consumption adjustments.

8. "Other" consists of wages and salaries of U.S. residents employed by international organizations and foreign embassies and consulates in the U.S.

¹ Not shown to avoid disclosure of confidential information.

² Less than \$50,000. Estimates are included in totals.

Table 1.—Total Personal Income and Per Capita Personal Income by Metropolitan Area, 1989–91

| Area name | Total personal income | | | | Per capita personal income ³ | | | | Area name | Total personal income | | | | Per capita personal income ³ | | | |
|--|-----------------------|-----------|-----------|-----------------------------|---|--------|--------|--------------|---|-----------------------|--------|--------|-----------------------------|---|--------|--------|--------------|
| | Millions of dollars | | | Percent change ² | Dollars | | | Rank in U.S. | | Millions of dollars | | | Percent change ² | Dollars | | | Rank in U.S. |
| | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | | | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 |  | 1991 |
| United States ¹ | 4,367,719 | 4,648,867 | 4,813,897 | 3.5 | 17,696 | 18,635 | 19,091 | | Columbus, GA-AL | 3,694 | 3,917 | 4,064 | 3.8 | 14,111 | 15,028 | 15,401 | 244 |
| Metropolitan portion | 3,677,357 | 3,914,763 | 4,049,328 | 3.4 | 18,783 | 19,747 | 20,198 | | Columbus, OH | 23,111 | 24,527 | 25,526 | 4.1 | 17,345 | 18,161 | 18,630 | 90 |
| Nonmetropolitan portion | 690,362 | 734,104 | 764,569 | 4.1 | 13,526 | 14,333 | 14,795 | | Corpus Christi, TX | 4,675 | 5,086 | 5,443 | 7.0 | 13,391 | 14,521 | 15,273 | 250 |
| Consolidated Metropolitan Statistical Areas | | | | | | | | | Cumberland, MD-WV | 1,364 | 1,442 | 1,504 | 4.3 | 13,400 | 14,187 | 14,768 | 274 |
| Chicago-Gary-Kenosha, IL-IN-WI | 169,284 | 180,082 | 185,545 | 3.0 | 20,604 | 21,823 | 22,255 | | Dallas, TX | 51,031 | 54,651 | 57,224 | 4.7 | 19,403 | 20,291 | 20,892 | 37 |
| Cincinnati-Hamilton, OH-KY-IN | 31,324 | 33,610 | 34,898 | 3.8 | 17,338 | 18,445 | 18,937 | | Danville, VA | 1,568 | 1,622 | 1,663 | 2.5 | 14,175 | 14,989 | 15,221 | 254 |
| Cleveland-Akron, OH | 52,227 | 55,236 | 56,416 | 2.1 | 18,248 | 19,312 | 19,589 | | Davenport-Moline-Rock Island, IA-IL | 5,819 | 6,230 | 6,412 | 2.9 | 16,507 | 17,776 | 18,092 | 111 |
| Dallas-Fort Worth, TX | 74,294 | 79,524 | 83,342 | 4.8 | 18,732 | 19,570 | 20,157 | | Dayton-Springfield, OH | 16,135 | 16,965 | 17,499 | 3.1 | 17,011 | 17,808 | 18,302 | 103 |
| Denver-Boulder-Greeley, CO | 38,239 | 40,760 | 43,078 | 5.7 | 19,403 | 20,542 | 21,170 | | Daytona Beach, FL | 5,863 | 6,292 | 6,511 | 3.5 | 15,161 | 15,574 | 15,742 | 230 |
| Detroit-Ann Arbor-Flint, MI | 100,729 | 104,786 | 106,651 | 1.8 | 19,468 | 20,174 | 20,402 | | Decatur, AL | 1,832 | 1,985 | 2,093 | 5.5 | 13,998 | 15,056 | 15,631 | 236 |
| Houston-Galveston-Brazoria, TX | 66,102 | 72,280 | 77,190 | 6.8 | 17,892 | 19,300 | 20,007 | | Decatur, IL | 1,998 | 2,093 | 2,152 | 2.9 | 16,893 | 17,898 | 18,258 | 104 |
| Los Angeles-Riverside-Orange County, CA | 282,586 | 301,424 | 306,481 | 1.7 | 19,825 | 20,600 | 20,683 | | Denver, CO* | 31,747 | 33,827 | 35,787 | 5.8 | 19,646 | 20,802 | 21,441 | 31 |
| Miami-Fort Lauderdale, FL | 59,731 | 63,230 | 65,008 | 2.8 | 19,048 | 19,684 | 19,980 | | Des Moines, IA | 7,258 | 7,877 | 8,230 | 4.5 | 18,674 | 19,962 | 20,570 | 43 |
| Milwaukee-Racine, WI | 29,775 | 31,853 | 32,730 | 3.4 | 18,655 | 19,639 | 20,168 | | Detroit, MI* | 83,835 | 87,112 | 88,465 | 1.6 | 19,686 | 20,394 | 20,585 | 42 |
| New York-No. New Jersey-Long Island, NY-NJ-CT-PA | 465,161 | 490,980 | 500,515 | 1.9 | 23,907 | 25,212 | 25,676 | | Dothan, AL | 1,832 | 1,945 | 2,056 | 5.7 | 14,038 | 14,828 | 15,564 | 242 |
| Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD | 119,688 | 127,197 | 131,012 | 3.0 | 20,368 | 21,546 | 22,125 | | Dover, DE | 1,544 | 1,624 | 1,708 | 5.2 | 14,069 | 14,565 | 14,924 | 271 |
| Portland-Salem, OR-WA | 30,472 | 33,033 | 34,866 | 5.5 | 17,368 | 18,275 | 18,775 | | Dubuque, IA | 1,289 | 1,383 | 1,431 | 3.5 | 14,924 | 15,992 | 16,469 | 193 |
| Sacramento-Yolo, CA | 25,976 | 28,405 | 29,904 | 5.3 | 17,964 | 19,016 | 19,519 | | Duluth-Superior, MN-WI | 3,450 | 3,645 | 3,851 | 5.7 | 14,321 | 15,200 | 15,979 | 222 |
| San Francisco-Oakland-San Jose, CA | 144,996 | 156,146 | 161,221 | 3.2 | 23,477 | 24,860 | 25,463 | | Dutchess County, NY* | 5,412 | 5,676 | 5,768 | 1.6 | 20,913 | 21,848 | 22,093 | 27 |
| Seattle-Tacoma-Bremerton, WA | 55,883 | 61,587 | 65,302 | 6.0 | 19,377 | 20,523 | 21,425 | | Eau Claire, WI | 1,982 | 2,105 | 2,185 | 3.8 | 14,510 | 15,261 | 15,697 | 233 |
| Washington-Baltimore, DC-MD-VA-WV | 149,788 | 158,709 | 163,407 | 3.0 | 22,507 | 23,496 | 23,959 | | EI Paso, TX | 6,398 | 6,809 | 7,198 | 5.7 | 10,992 | 11,441 | 11,764 | 299 |
| Metropolitan Statistical Areas⁴ | | | | | | | | | Elkhart-Goshen, IN | 2,518 | 2,603 | 2,657 | 2.1 | 16,321 | 16,858 | 16,857 | 168 |
| Abilene, TX | 1,779 | 1,839 | 1,939 | 5.4 | 14,876 | 15,360 | 16,347 | 201 | Elmira, NY | 1,442 | 1,511 | 1,569 | 3.8 | 15,151 | 15,868 | 16,486 | 190 |
| Akron, OH* | 11,171 | 11,845 | 12,117 | 2.3 | 17,025 | 17,992 | 18,234 | 106 | Enid, OK | 869 | 909 | 930 | 2.4 | 15,074 | 16,095 | 16,489 | 189 |
| Albany, GA | 1,530 | 1,633 | 1,719 | 5.3 | 13,540 | 14,522 | 15,133 | 260 | Erie, PA | 4,220 | 4,474 | 4,693 | 4.9 | 15,284 | 16,239 | 16,886 | 167 |
| Albany-Schenectady-Troy, NY | 15,728 | 16,650 | 17,196 | 3.3 | 18,294 | 19,306 | 19,783 | 60 | Eugene-Springfield, OR | 4,193 | 4,487 | 4,651 | 3.7 | 15,083 | 15,760 | 16,145 | 211 |
| Albuquerque, NM | 9,139 | 9,704 | 10,285 | 6.0 | 15,691 | 16,335 | 17,040 | 162 | Evansville-Henderson, IN-KY | 4,586 | 4,871 | 5,021 | 3.1 | 16,473 | 17,438 | 17,863 | 122 |
| Alexandria, LA | 1,760 | 1,877 | 2,007 | 6.9 | 13,283 | 14,296 | 15,230 | 253 | Fargo-Moorhead, ND-MN | 2,246 | 2,444 | 2,541 | 4.0 | 14,712 | 15,917 | 16,354 | 200 |
| Allentown-Bethlehem-Easton, PA | 10,611 | 11,200 | 11,548 | 3.1 | 17,979 | 18,759 | 19,176 | 75 | Fayetteville, NC | 3,412 | 3,559 | 3,755 | 5.5 | 12,497 | 12,933 | 13,582 | 290 |
| Altoona, PA | 1,803 | 1,912 | 1,994 | 4.3 | 13,784 | 14,646 | 15,175 | 257 | Fayetteville-Springdale-Rogers, AR | 3,028 | 3,315 | 3,487 | 5.2 | 14,555 | 15,634 | 15,987 | 221 |
| Amarillo, TX | 2,939 | 3,071 | 3,234 | 5.3 | 15,741 | 16,343 | 17,042 | 161 | Flint, MI* | 6,963 | 7,209 | 7,532 | 4.5 | 15,168 | 16,743 | 17,459 | 146 |
| Anchorage, AK | 5,152 | 5,501 | 5,767 | 4.8 | 22,637 | 24,340 | 24,464 | 11 | Florence, AL | 1,689 | 1,847 | 1,943 | 5.2 | 12,798 | 14,084 | 14,600 | 276 |
| Ann Arbor, MI* | 9,931 | 10,465 | 10,654 | 1.8 | 20,484 | 21,267 | 21,369 | 33 | Florence, SC | 1,499 | 1,703 | 1,799 | 5.7 | 13,149 | 14,867 | 15,369 | 246 |
| Annisland, AL | 1,527 | 1,601 | 1,672 | 4.4 | 13,090 | 13,817 | 14,434 | 278 | Fort Collins-Loveland, CO | 2,959 | 3,211 | 3,400 | 5.9 | 16,127 | 17,162 | 17,657 | 132 |
| Appleton-Oshkosh-Neenah, WI | 5,044 | 5,391 | 5,634 | 4.5 | 16,150 | 17,050 | 17,618 | 139 | Fort Lauderdale, FL* | 26,795 | 28,412 | 29,112 | 2.5 | 21,764 | 22,478 | 22,620 | 19 |
| Ashville, NC | 2,968 | 3,246 | 3,405 | 4.9 | 15,572 | 16,882 | 17,451 | 147 | Fort Myers-Cape Coral, FL | 6,019 | 6,501 | 6,723 | 3.4 | 16,629 | 19,150 | 19,392 | 67 |
| Athens, GA | 1,775 | 1,905 | 1,971 | 3.5 | 14,202 | 15,028 | 15,428 | 243 | Fort Pierce-Port St. Lucie, FL | 4,660 | 5,145 | 5,312 | 3.2 | 19,284 | 20,215 | 20,447 | 46 |
| Atlanta, GA | 55,619 | 59,719 | 61,956 | 3.7 | 19,133 | 20,042 | 20,304 | 48 | Fort Smith, AR-OK | 2,305 | 2,469 | 2,558 | 3.6 | 13,187 | 13,997 | 14,324 | 280 |
| Atlantic-Cape May, NJ* | 7,445 | 7,876 | 8,022 | 1.9 | 23,507 | 24,575 | 24,856 | 10 | Fort Walton Beach, FL | 2,120 | 2,292 | 2,459 | 7.3 | 15,038 | 15,832 | 16,574 | 188 |
| Augusta-Aiken, GA-SC | 5,962 | 6,331 | 6,828 | 4.6 | 15,201 | 16,483 | 16,792 | 176 | Fort Wayne, IN | 7,785 | 8,141 | 8,270 | 1.6 | 17,191 | 17,788 | 17,962 | 119 |
| Austin-San Marcos, TX | 13,182 | 14,694 | 15,805 | 7.6 | 15,898 | 17,236 | 18,081 | 112 | Fort Worth-Arlington, TX* | 23,263 | 24,873 | 26,118 | 5.0 | 17,412 | 18,153 | 18,714 | 89 |
| Bakersfield, CA | 7,866 | 8,559 | 8,954 | 4.6 | 14,760 | 15,639 | 15,791 | 229 | Fresno, CA | 11,117 | 12,122 | 12,490 | 3.0 | 15,023 | 15,926 | 15,994 | 219 |
| Baltimore, MD* | 48,442 | 51,501 | 52,778 | 2.5 | 20,499 | 21,551 | 21,874 | 29 | Gadsden, AL | 1,277 | 1,328 | 1,374 | 3.5 | 12,769 | 13,299 | 13,739 | 289 |
| Bangor, ME (NECMA) | 2,176 | 2,300 | 2,361 | 2.7 | 14,937 | 15,649 | 16,043 | 217 | Gainesville, FL | 2,708 | 2,947 | 3,120 | 5.9 | 15,151 | 16,399 | 16,743 | 179 |
| Barnstable-Yarmouth, MA (NECMA) | 4,189 | 4,313 | 4,361 | 1.6 | 22,733 | 23,002 | 23,319 | 16 | Galveston-Texas City, TX* | 3,599 | 3,822 | 4,083 | 6.8 | 16,627 | 17,549 | 18,316 | 102 |
| Baton Rouge, LA | 7,138 | 7,633 | 8,148 | 6.8 | 15,120 | 16,254 | 17,032 | 163 | Gary, IN* | 9,462 | 10,013 | 10,280 | 2.7 | 15,630 | 16,564 | 16,811 | 174 |
| Beaumont-Port Arthur, TX | 5,533 | 5,870 | 6,371 | 6.5 | 15,262 | 16,264 | 17,361 | 151 | Glens Falls, NY | 1,765 | 1,849 | 1,913 | 3.5 | 14,983 | 15,560 | 15,933 | 225 |
| Bellingham, WA | 1,855 | 2,090 | 2,227 | 6.5 | 14,912 | 16,207 | 16,754 | 178 | Goldensboro, NC | 1,312 | 1,393 | 1,459 | 4.8 | 12,624 | 13,270 | 13,756 | 286 |
| Benton Harbor, MI | 2,500 | 2,595 | 2,676 | 3.1 | 15,527 | 16,061 | 16,576 | 187 | Grand Forks, ND-MN | 1,401 | 1,508 | 1,547 | 2.6 | 13,542 | 14,621 | 15,020 | 266 |
| Billings, MT | 1,793 | 1,879 | 2,043 | 8.7 | 15,768 | 16,574 | 17,608 | 141 | Grand Rapids-Muskegon-Holland, MI | 15,676 | 16,600 | 17,162 | 3.4 | 16,905 | 17,624 | 18,008 | 116 |
| Biloxi-Gulfport-Pascagoula, MS | 3,910 | 4,159 | 4,405 | 5.9 | 12,507 | 13,313 | 13,930 | 284 | Great Falls, MT | 1,212 | 1,256 | 1,343 | 7.0 | 15,567 | 16,170 | 17,104 | 158 |
| Birmingham, AL | 13,810 | 14,839 | 15,489 | 4.4 | 16,490 | 17,634 | 18,210 | 117 | Greeley, CO | 1,951 | 2,048 | 2,147 | 4.8 | 14,827 | 15,518 | 16,052 | 216 |
| Bismarck, ND | 1,248 | 1,339 | 1,415 | 5.7 | 14,794 | 15,998 | 16,702 | 182 | Green Bay, WI | 3,294 | 3,562 | 3,740 | 5.0 | 17,111 | 18,230 | 18,837 | 86 |
| Bloomington, IN | 1,461 | 1,574 | 1,647 | 4.6 | 13,535 | 14,391 | 14,957 | 270 | Greensboro-Winston-Salem-High Point, NC | 18,696 | 19,668 | 20,195 | 2.7 | 17,965 | 18,661 | 18,943 | 83 |
| Bloomington-Normal, IL | 2,263 | 2,459 | 2,557 | 4.0 | 17,876 | 18,894 | 19,401 | 66 | Greenville, NC | 1,587 | 1,753 | 1,852 | 5.6 | 14,927 | 16,154 | 16,729 | 180 |
| Boise City, ID | 4,665 | 5,098 | 5,466 | 7.2 | 16,070 | 17,116 | 17,625 | 136 | Greenville-Spartanburg-Anderson, SC | 12,463 | 13,352 | 13,775 | 3.2 | 15,140 | 16,021 | 16,333 | 203 |
| Boston-Brookline-Nashua, MA-NH (NECMA) | 126,238 | 130,704 | 132,931 | 1.7 | 22,215 | 22,971 | 23,480 | 14 | Hagerstown, MD | 1,892 | 1,985 | 2,074 | 4.5 | 15,712 | 16,304 | 16,845 | 172 |
| Boulder-Longmont, CO* | 4,541 | 4,885 | 5,145 | 5.3 | 20,335 | 21,604 | 22,169 | 24 | Hamilton-Middletown, OH* | 4,598 | 4,907 | 5,139 | 4.7 | 15,9 | | | |

Table 1.—Total Personal Income and Per Capita Personal Income by Metropolitan Area, 1989–91—Continued

| Area name | Total personal income | | | | Per capita personal income ³ | | | | Area name | Total personal income | | | | Per capita personal income ³ | | | |
|--|-----------------------|---------|---------|-----------------------------|---|--------|--------|--------------|--|-----------------------|---------|---------|-----------------------------|---|--------|--------|--------------|
| | Millions of dollars | | | Percent change ² | Dollars | | | Rank in U.S. | | Millions of dollars | | | Percent change ² | Dollars | | | Rank in U.S. |
| | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | | | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | |
| Lancaster, PA | 7,513 | 8,026 | 8,209 | 2.3 | 18,015 | 18,884 | 19,071 | 80 | Rockford, IL | 5,613 | 5,872 | 6,027 | 2.6 | 17,083 | 17,783 | 17,936 | 121 |
| Lansing-East Lansing, MI | 7,112 | 7,469 | 7,753 | 3.8 | 16,531 | 17,221 | 17,777 | 127 | Rocky Mount, NC | 1,904 | 2,030 | 2,135 | 5.2 | 14,385 | 15,195 | 15,841 | 227 |
| Laredo, TX | 1,058 | 1,188 | 1,332 | 12.2 | 8,121 | 8,940 | 9,529 | 302 | Sacramento, CA* | 23,424 | 25,718 | 27,128 | 5.5 | 17,914 | 19,026 | 19,540 | 63 |
| Las Cruces, NM | 1,452 | 1,574 | 1,664 | 5.7 | 10,792 | 11,587 | 11,831 | 298 | Saginaw-Bay City-Midland, MI | 6,558 | 6,840 | 7,065 | 3.3 | 16,443 | 17,114 | 17,631 | 135 |
| Las Vegas, NV-AZ | 14,009 | 16,055 | 17,075 | 6.4 | 17,363 | 18,483 | 18,474 | 93 | St. Cloud, MN | 2,071 | 2,186 | 2,258 | 3.3 | 14,063 | 14,609 | 14,912 | 272 |
| Lawrence, KS | 1,087 | 1,158 | 1,219 | 5.3 | 13,494 | 14,078 | 14,590 | 277 | St. Joseph, MO | 1,472 | 1,541 | 1,613 | 4.7 | 15,029 | 15,770 | 16,471 | 191 |
| Lawton, OK | 1,433 | 1,491 | 1,548 | 3.8 | 12,807 | 13,386 | 13,862 | 285 | St. Louis, MO-IL | 47,250 | 49,848 | 51,413 | 3.1 | 19,023 | 19,965 | 20,507 | 45 |
| Lewiston-Auburn, ME (NECMA) | 1,633 | 1,704 | 1,744 | 2.3 | 15,582 | 16,161 | 16,682 | 183 | Salem, OR* | 4,029 | 4,400 | 4,668 | 6.1 | 14,784 | 15,716 | 16,255 | 204 |
| Lexington, KY | 6,578 | 7,141 | 7,475 | 4.7 | 16,415 | 17,506 | 18,142 | 110 | Salinas, CA | 6,332 | 6,868 | 7,108 | 3.5 | 18,028 | 19,223 | 19,572 | 62 |
| Lima, OH | 2,375 | 2,473 | 2,535 | 2.5 | 15,416 | 16,004 | 16,369 | 199 | Salt Lake City-Ogden, UT | 15,113 | 16,252 | 17,298 | 6.4 | 14,244 | 15,097 | 15,687 | 234 |
| Lincoln, NE | 3,503 | 3,794 | 3,992 | 5.2 | 16,567 | 17,692 | 18,429 | 98 | San Antonio, TX | 1,443 | 1,515 | 1,601 | 5.7 | 14,807 | 15,634 | 16,252 | 205 |
| Little Rock-North Little Rock, AR | 8,063 | 8,690 | 9,163 | 5.4 | 15,796 | 16,898 | 17,610 | 140 | San Antonio, TX | 19,398 | 20,311 | 21,501 | 5.9 | 14,855 | 15,252 | 15,950 | 224 |
| Longview-Marshall, TX | 2,772 | 2,947 | 3,113 | 5.6 | 14,321 | 15,193 | 15,839 | 228 | San Diego, CA | 45,923 | 48,723 | 50,463 | 3.6 | 18,824 | 19,941 | 19,799 | 59 |
| Los Angeles-Long Beach, CA* | 173,571 | 184,760 | 188,230 | 1.9 | 19,856 | 20,744 | 20,967 | 36 | San Francisco, CA* | 44,364 | 47,923 | 49,570 | 3.4 | 27,802 | 29,828 | 30,555 | 1 |
| Louisville, KY-IN | 16,203 | 17,369 | 18,105 | 4.2 | 17,116 | 18,283 | 18,812 | 84 | San Jose, CA* | 35,400 | 37,894 | 39,077 | 3.1 | 23,913 | 25,201 | 25,955 | 6 |
| Lubbock, TX | 3,165 | 3,378 | 3,498 | 3.5 | 14,301 | 15,138 | 15,577 | 241 | San Luis Obispo-Atascadero-Paso Robles, CA | 3,504 | 3,703 | 3,827 | 3.3 | 16,478 | 16,926 | 17,499 | 143 |
| Lynchburg, VA | 2,949 | 3,103 | 3,170 | 2.2 | 15,259 | 15,976 | 16,113 | 212 | Santa Barbara-Santa Maria-Lompoc, CA | 7,636 | 8,024 | 8,461 | 5.4 | 20,942 | 21,607 | 22,611 | 20 |
| Macon, GA | 4,470 | 4,704 | 4,902 | 4.2 | 15,394 | 16,157 | 16,611 | 185 | Santa Cruz-Watsonville, CA* | 4,257 | 4,978 | 5,172 | 3.9 | 18,799 | 21,558 | 22,554 | 23 |
| Madison, WI | 6,733 | 7,359 | 7,750 | 5.3 | 18,580 | 19,950 | 20,629 | 41 | Santa Fe, NM | 2,002 | 2,263 | 2,409 | 6.4 | 17,433 | 19,201 | 20,154 | 51 |
| Mansfield, OH | 2,571 | 2,650 | 2,673 | .9 | 14,740 | 15,236 | 15,348 | 248 | Santa Rosa, CA* | 7,954 | 8,431 | 8,770 | 4.0 | 20,940 | 21,549 | 22,156 | 25 |
| McAllen-Edinburg-Mission, TX | 3,070 | 3,402 | 3,687 | 8.3 | 8,166 | 8,807 | 9,230 | 303 | Sarasota-Bradenton, FL | 10,306 | 10,983 | 11,316 | 3.0 | 21,623 | 22,322 | 22,580 | 21 |
| Medford-Ashtland, OR | 2,118 | 2,296 | 2,407 | 4.9 | 14,772 | 15,570 | 15,953 | 223 | Savannah, GA | 4,104 | 4,364 | 4,506 | 3.3 | 15,995 | 16,873 | 17,161 | 156 |
| Melbourne-Titusville-Palm Bay, FL | 6,624 | 7,101 | 7,459 | 5.0 | 17,060 | 17,629 | 18,009 | 115 | Scranton-Wilkes-Barre-Hazleton, PA | 9,894 | 10,438 | 10,836 | 3.8 | 15,477 | 16,347 | 16,912 | 166 |
| Memphis, TN-AR-MS | 16,635 | 17,813 | 18,714 | 5.1 | 16,601 | 17,645 | 18,331 | 101 | Seattle-Bellevue-Everett, WA* | 41,539 | 45,763 | 48,337 | 5.6 | 21,051 | 22,276 | 23,329 | 15 |
| Merced, CA | 2,253 | 2,399 | 2,482 | 3.5 | 12,866 | 13,358 | 13,403 | 291 | Sharon, PA | 1,724 | 1,829 | 1,915 | 4.7 | 14,193 | 15,130 | 15,731 | 232 |
| Miami, FL | 32,936 | 34,818 | 35,895 | 3.1 | 17,292 | 17,871 | 18,252 | 105 | Sheboygan, WI | 1,782 | 1,863 | 1,918 | 2.9 | 17,247 | 17,898 | 18,365 | 100 |
| Milwaukee-Waukesha, WI* | 26,749 | 28,417 | 29,367 | 3.3 | 18,811 | 19,785 | 20,325 | 47 | Sherman-Denison, TX | 1,437 | 1,507 | 1,574 | 4.4 | 15,172 | 15,833 | 16,398 | 196 |
| Minneapolis-St. Paul, MN-WI | 50,842 | 53,949 | 55,962 | 3.7 | 20,313 | 21,138 | 21,665 | 30 | Shreveport-Bossier City, LA | 5,398 | 5,561 | 5,951 | 5.3 | 14,226 | 15,050 | 15,897 | 226 |
| Mobile, AL | 6,319 | 6,822 | 7,353 | 7.8 | 13,335 | 14,268 | 15,134 | 259 | Sioux City, IA-NE | 1,763 | 1,882 | 1,959 | 4.1 | 15,392 | 16,334 | 16,857 | 168 |
| Modesto, CA | 5,188 | 5,655 | 5,887 | 4.1 | 14,375 | 15,119 | 15,221 | 254 | Sioux Falls, SD | 2,271 | 2,507 | 2,657 | 6.0 | 16,398 | 17,968 | 18,597 | 91 |
| Monroe, LA | 1,830 | 1,941 | 2,065 | 6.4 | 12,820 | 13,662 | 14,396 | 279 | South Bend, IN | 4,054 | 4,256 | 4,384 | 3.0 | 16,487 | 17,193 | 17,625 | 136 |
| Montgomery, AL | 4,534 | 4,837 | 5,106 | 5.6 | 15,523 | 16,519 | 17,158 | 157 | Spokane, WA | 5,449 | 5,888 | 6,302 | 7.0 | 15,290 | 16,216 | 16,857 | 168 |
| Muncie, IN | 1,740 | 1,849 | 1,927 | 4.2 | 14,500 | 15,455 | 16,080 | 215 | Springfield, IL | 3,448 | 3,674 | 3,795 | 3.3 | 18,231 | 19,360 | 19,822 | 57 |
| Myrtle Beach, SC | 1,844 | 2,141 | 2,251 | 5.1 | 13,075 | 14,750 | 15,127 | 261 | Springfield, MO | 3,951 | 4,236 | 4,487 | 5.9 | 15,137 | 15,948 | 16,628 | 184 |
| Naples, FL | 3,754 | 4,157 | 4,301 | 3.5 | 25,745 | 26,920 | 26,935 | 5 | Springfield, MA (NECMA) | 10,893 | 11,210 | 11,543 | 3.0 | 18,061 | 18,587 | 19,197 | 74 |
| Nashville, TN | 17,155 | 18,132 | 19,120 | 5.4 | 17,622 | 18,324 | 19,059 | 81 | State College, PA | 1,792 | 1,926 | 2,035 | 5.7 | 14,578 | 15,514 | 16,244 | 207 |
| New Haven-Bridgeport-Stamford-Danbury-Waterbury, CT* | 42,904 | 45,060 | 45,748 | 1.5 | 26,281 | 27,602 | 28,021 | 3 | Steubenville-Weirton, OH-WV | 1,985 | 2,096 | 2,149 | 2.4 | 13,732 | 14,781 | 15,115 | 263 |
| New London-Norwich, CT (NECMA) | 5,012 | 5,171 | 5,313 | 2.7 | 19,667 | 20,269 | 20,863 | 38 | Stockton-Lodi, CA | 6,921 | 7,367 | 7,675 | 4.2 | 14,712 | 15,211 | 15,582 | 239 |
| New Orleans, LA | 19,684 | 20,917 | 21,999 | 5.2 | 15,181 | 16,136 | 16,959 | 165 | Sumter, SC | 1,110 | 1,214 | 1,283 | 5.6 | 10,942 | 11,779 | 12,254 | 297 |
| New York-Newark, NY-NJ-PA | 402,995 | 425,521 | 433,921 | 2.0 | 23,794 | 25,110 | 25,583 | 7 | Syracuse, NY | 12,451 | 13,206 | 13,531 | 2.5 | 16,774 | 17,786 | 18,063 | 113 |
| Norfolk-Virginia Beach-Newport News, VA-NC | 22,659 | 23,850 | 24,942 | 4.6 | 15,899 | 16,448 | 17,030 | 164 | Tacoma, WA | 8,865 | 9,794 | 10,402 | 6.2 | 15,540 | 16,551 | 17,144 | 155 |
| Oakland, CA* | 45,177 | 48,437 | 49,735 | 2.7 | 22,008 | 23,135 | 23,545 | 13 | Tallahassee, FL | 3,408 | 3,720 | 3,948 | 6.1 | 14,874 | 15,818 | 16,282 | 195 |
| Ocala, FL | 2,537 | 2,727 | 2,866 | 5.1 | 13,456 | 13,835 | 14,158 | 283 | Tampa-St. Petersburg-Clearwater, FL | 35,414 | 37,437 | 38,761 | 3.5 | 17,472 | 17,977 | 18,445 | 96 |
| Odesa-Midland, TX | 3,678 | 3,902 | 4,136 | 6.0 | 16,271 | 17,304 | 17,980 | 117 | Terre Haute, IN | 2,063 | 2,146 | 2,245 | 4.6 | 13,948 | 14,547 | 15,113 | 264 |
| Oklahoma City, OK | 14,907 | 15,648 | 16,318 | 4.3 | 15,576 | 16,302 | 16,799 | 175 | Texarkana, TX-Texarkana, AR | 1,616 | 1,733 | 1,807 | 4.3 | 13,506 | 14,401 | 15,004 | 268 |
| Olympia, WA* | 2,536 | 2,797 | 3,047 | 8.9 | 16,215 | 17,162 | 17,966 | 118 | Toledo, OH | 10,342 | 10,705 | 10,882 | 1.7 | 16,861 | 17,416 | 17,713 | 129 |
| Omaha, NE-IA | 10,942 | 11,853 | 12,374 | 4.4 | 17,216 | 18,485 | 19,037 | 82 | Topeka, KS | 2,916 | 3,044 | 3,166 | 4.0 | 18,732 | 18,887 | 19,476 | 64 |
| Orange County, CA* | 55,381 | 58,637 | 58,808 | .3 | 23,390 | 24,172 | 24,077 | 12 | Trenton, NJ* | 8,079 | 8,699 | 8,902 | 2.3 | 24,862 | 26,661 | 27,263 | 4 |
| Orange County, NY* | 5,771 | 6,023 | 6,175 | 2.5 | 18,982 | 19,489 | 19,802 | 58 | Tucson, AZ | 9,886 | 10,237 | 10,886 | 3.4 | 14,956 | 15,300 | 16,087 | 214 |
| Orlando, FL | 20,183 | 21,755 | 22,625 | 4.0 | 17,018 | 17,562 | 17,832 | 125 | Tulsa, OK | 11,613 | 12,414 | 12,888 | 3.8 | 16,409 | 17,493 | 17,837 | 124 |
| Owensboro, KY | 1,294 | 1,377 | 1,437 | 4.4 | 14,892 | 15,765 | 16,387 | 198 | Tuscaloosa, AL | 2,032 | 2,235 | 2,339 | 4.6 | 13,628 | 14,797 | 15,236 | 252 |
| Panama City, FL | 1,730 | 1,893 | 2,033 | 7.4 | 13,866 | 14,812 | 15,580 | 240 | Tyler, TX | 2,462 | 2,625 | 2,792 | 6.4 | 16,411 | 17,291 | 18,159 | 108 |
| Parkersburg-Marietta, WV-OH | 2,117 | 2,247 | 2,341 | 4.2 | 14,128 | 15,080 | 15,671 | 235 | Utica-Rome, NY | 4,788 | 5,053 | 5,197 | 2.9 | 15,069 | 15,962 | 16,336 | 202 |
| Pensacola, FL | 4,774 | 5,121 | 5,423 | 5.9 | 14,077 | 14,788 | 15,328 | 249 | Vallejo-Fairfield-Napa, CA* | 7,843 | 8,481 | 8,898 | 4.9 | 17,787 | 18,648 | 19,086 | 78 |
| Peoria-Pekin, IL | 5,775 | 6,152 | 6,289 | 2.2 | 16,999 | 18,139 | 18,383 | 99 | Ventura, CA | 13,393 | 13,906 | 13,977 | .5 | 20,409 | 20,644 | 20,648 | 40 |
| Philadelphia, PA-NJ* | 99,311 | 105,392 | 108,706 | 3.1 | 20,232 | 21,381 | 22,013 | 28 | Victoria, TX | 1,154 | 1,241 | 1,335 | 7.5 | 15,557 | 16,677 | 17,625 | 136 |
| Phoenix-Mesa, AZ | 37,893 | 40,112 | 41,497 | 3.5 | 17,148 | 17,834 | 18,156 | 109 | Vineland-Millville-Bridgeton, NJ* | 2,211 | 2,340 | 2,447 | 4.5 | 16,031 | 16,937 | 17,654 | 133 |
| Pine Bluff, AR | 1,079 | 1,140 | 1,170 | 2.6 | 12,570 | 13,345 | 13,749 | 287 | Visalia-Tulare-Porterville, CA | 4,145 | 4,555 | 4,608 | 1.2 | 13,514 | 14,515 | 14,248 | 281 |
| Pittsburgh, PA | 41,936 | 45,104 | 47,061 | 4.3 | 17,423 | 18,856 | 19,579 | 61 | Waco, TX | 2,638 | 2,801 | 2,963 | 6.5 | 14,048 | 14,771 | 15,623 | 238 |
| Pittsfield, MA (NECMA) | 2,703 | 2,791 | 2,830 | 1.4 | 19,240 | 20,075 | 20,513 | 44 | Washington, DC-MD-VA-WV* | 99,454 | 105,224 | 108,555 | 3.2 | 23,840 | 24,797 | 25,338 | 8 |
| Portland, ME (NECMA) | 4,876 | 5,158 | 5,214 | 1.1 | 20,230 | 21,142 | 21,351 | 35 | Waterloo-Cedar Falls, IA | 1,850 | 1,973 | 2,046 | 3.7 | 14,900 | 15,941 | 16,390 | 197 |
| Portland-Vancouver, OR-WA* | 26,442 | 28,633 | 30,198 | 5.5 | 17,844 | 18,744 | 19,335 | 72 | Wausau, WI | 1,731 | 1,862 | 1,923 | 3.3 | 15,098 | 16,094 | 16,471 | 191 |
| Providence-Warwick, RI (NECMA) | 16,382 | 17,086 | 17,509 | 2.5 | 17,934 | 18,618 | 19,088 | 77 | West Palm Beach-Boca Raton, FL | 21,778 | 24,043 | 24,909 | 3.6 | 25,994 | 27,550 | 28,097 | 2 |
| Provo-Orem, UT | 2,776 | 3,070 | 3,360 | 9.5 | 10,663 | 11,592 | 12,467 | 296 | Wheeling, WV-OH | 2,270 | 2,381 | 2,438 | | | | | |

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1989–91

| Area name | Total personal income | | | | Per capita personal income ³ | | | | Area name | Total personal income | | | | Per capita personal income ³ | | | |
|----------------------------------|-----------------------|-----------|-----------|-----------------------------|---|--------|--------|---------------|---|-----------------------|--------|--------|-----------------------------|---|--------|--------|---------------|
| | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State | | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State |
| | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | | | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | |
| United States ¹ | 4,367,719 | 4,648,867 | 4,813,897 | 3.5 | 17,696 | 18,635 | 19,091 | | Juneau Borough | 654 | 677 | 712 | 5.2 | 24,774 | 25,165 | 25,526 | 2 |
| Metropolitan portion | 3,677,357 | 3,914,763 | 4,049,328 | 3.4 | 18,783 | 19,747 | 20,198 | | Kenai Peninsula Borough | 774 | 804 | 839 | 4.4 | 18,996 | 19,690 | 19,736 | 12 |
| Nonmetropolitan portion | 690,362 | 734,104 | 764,569 | 4.1 | 13,526 | 14,333 | 14,795 | | Ketchikan Gateway Borough | 311 | 349 | 351 | 5 | 25,618 | 25,207 | 25,052 | 3 |
| Alabama | 56,222 | 60,281 | 63,510 | 5.4 | 13,950 | 14,899 | 15,526 | | Kodiak Island Borough | 291 | 263 | 271 | 3.1 | 21,711 | 19,813 | 19,386 | 13 |
| Metropolitan portion | 40,346 | 43,374 | 45,704 | 5.4 | 14,943 | 15,979 | 16,616 | | Lake and Peninsula Borough ⁴ | | | 30 | | | | 17 | |
| Nonmetropolitan portion | 15,877 | 16,908 | 17,806 | 5.3 | 11,934 | 12,697 | 13,288 | | Matanuska-Susitna Borough | 549 | 589 | 626 | 6.3 | 14,068 | 14,754 | 14,787 | 23 |
| Autauga | 478 | 515 | 553 | 7.4 | 13,977 | 15,042 | 15,797 | 7 | Nome Census Area | 115 | 120 | 123 | 2.3 | 14,129 | 14,446 | 14,706 | 24 |
| Baldwin | 1,331 | 1,468 | 1,603 | 9.2 | 13,736 | 14,853 | 15,681 | 8 | North Slope Borough | 124 | 139 | 148 | 6.1 | 21,306 | 23,038 | 23,848 | 7 |
| Barbour | 312 | 334 | 366 | 9.8 | 12,313 | 13,109 | 14,240 | 22 | Northwest Arctic Borough | 84 | 102 | 110 | 8.0 | 13,956 | 16,580 | 17,771 | 18 |
| Bibb | 189 | 206 | 218 | 5.4 | 11,482 | 12,411 | 12,851 | 47 | Prince of Wales-Outer Ketchikan | 96 | 106 | 109 | 2.9 | 15,681 | 16,716 | 16,911 | 20 |
| Blount | 474 | 513 | 545 | 6.3 | 12,081 | 13,054 | 13,684 | 32 | Sitka Borough | 171 | 184 | 189 | 2.8 | 20,090 | 21,319 | 21,523 | 10 |
| Bullock | 102 | 107 | 115 | 7.4 | 9,291 | 9,676 | 10,498 | 63 | Skagway-Yakutat-Angoon | 80 | 93 | 95 | 2.3 | 18,607 | 21,103 | 22,217 | 9 |
| Butler | 236 | 247 | 261 | 5.7 | 10,805 | 11,259 | 11,982 | 54 | Southeast Fairbanks Census | | | | | | | | |
| Calhoun | 1,527 | 1,601 | 1,672 | 4.4 | 13,090 | 13,817 | 14,434 | 19 | Area | 80 | 82 | 85 | 3.4 | 13,397 | 13,913 | 14,906 | 22 |
| Chambers | 471 | 474 | 479 | 1.1 | 12,711 | 12,869 | 12,975 | 44 | Valdez-Cordova Census Area | 252 | 235 | 253 | 7.4 | 25,574 | 23,540 | 24,470 | 4 |
| Cherokee | 228 | 241 | 253 | 5.0 | 11,743 | 12,327 | 12,880 | 46 | Wade Hampton Census Area | 53 | 55 | 58 | 4.5 | 9,349 | 9,460 | 9,630 | 26 |
| Chilton | 364 | 400 | 428 | 7.0 | 11,283 | 12,299 | 12,915 | 45 | Wrangell-Petersburg | 156 | 165 | 171 | 4.0 | 22,440 | 23,247 | 24,135 | 6 |
| Choctaw | 169 | 182 | 190 | 4.4 | 10,498 | 11,350 | 11,843 | 56 | Yukon-Koyukuk Census Area | 121 | 130 | 99 | -23.8 | 14,258 | 15,329 | 14,956 | 21 |
| Clarke | 328 | 351 | 372 | 5.9 | 12,032 | 12,898 | 13,512 | 33 | Arizona | 56,270 | 59,524 | 62,195 | 4.5 | 15,535 | 16,169 | 16,594 | |
| Clay | 154 | 166 | 175 | 5.1 | 11,629 | 12,561 | 13,184 | 41 | Metropolitan portion | 50,059 | 52,787 | 55,070 | 4.3 | 16,329 | 16,929 | 17,350 | |
| Cleburne | 147 | 169 | 176 | 4.3 | 11,576 | 13,242 | 13,811 | 30 | Nonmetropolitan portion | 6,211 | 6,738 | 7,125 | 5.7 | 11,159 | 11,961 | 12,414 | |
| Coffee | 534 | 547 | 587 | 7.2 | 13,302 | 13,587 | 14,529 | 18 | Apache | 474 | 505 | 547 | 8.4 | 7,704 | 8,189 | 8,760 | 15 |
| Colbert | 634 | 701 | 738 | 5.3 | 12,188 | 13,586 | 14,113 | 25 | Cochise | 1,181 | 1,267 | 1,335 | 5.3 | 12,140 | 12,959 | 13,447 | 7 |
| Conouch | 163 | 175 | 191 | 8.9 | 11,429 | 12,513 | 13,343 | 37 | Coconino | 1,158 | 1,272 | 1,357 | 6.7 | 12,124 | 13,113 | 13,607 | 6 |
| Coosa | 113 | 118 | 123 | 4.1 | 10,301 | 10,890 | 11,052 | 62 | Gila | 441 | 479 | 511 | 6.8 | 10,920 | 11,918 | 12,408 | 11 |
| Covington | 431 | 461 | 487 | 5.9 | 11,821 | 12,619 | 13,314 | 38 | Graham | 252 | 276 | 277 | 2 | 9,504 | 10,393 | 10,168 | 13 |
| Crenshaw | 146 | 152 | 161 | 5.9 | 10,762 | 11,145 | 11,847 | 55 | Greenlee | 94 | 106 | 117 | 10.0 | 11,285 | 13,413 | 13,982 | 5 |
| Cullman | 866 | 920 | 969 | 5.4 | 12,856 | 13,580 | 14,121 | 24 | Maricopa | 206 | 226 | 221 | -2.2 | 13,232 | 14,226 | 16,118 | 2 |
| Dale | 645 | 665 | 707 | 6.3 | 13,026 | 13,383 | 14,197 | 23 | Mohave | 36,540 | 38,734 | 40,025 | 3.3 | 17,442 | 18,165 | 18,469 | 1 |
| Dallas | 534 | 580 | 613 | 5.7 | 10,998 | 12,080 | 12,759 | 49 | Navajo | 1,058 | 1,205 | 1,294 | 7.4 | 11,565 | 12,781 | 12,888 | 8 |
| De Kalb | 704 | 754 | 789 | 4.7 | 12,925 | 13,769 | 14,269 | 21 | Pima | 9,886 | 10,237 | 10,886 | 6.3 | 14,956 | 15,300 | 16,087 | 3 |
| Elmore | 666 | 725 | 773 | 6.7 | 13,642 | 14,677 | 15,255 | 10 | Pinal | 1,353 | 1,379 | 1,472 | 6.8 | 11,781 | 11,789 | 12,436 | 10 |
| Escambia | 416 | 445 | 465 | 4.5 | 11,636 | 12,548 | 13,038 | 43 | Santa Cruz | 320 | 350 | 370 | 5.8 | 10,984 | 11,716 | 11,958 | 12 |
| Etowah | 1,277 | 1,328 | 1,374 | 3.5 | 12,769 | 13,299 | 13,739 | 31 | Yavapai | 1,390 | 1,513 | 1,605 | 6.1 | 13,234 | 13,918 | 14,321 | 4 |
| Fayette | 210 | 224 | 232 | 3.3 | 11,620 | 12,513 | 12,783 | 48 | Yuma | 1,222 | 1,232 | 1,393 | 13.0 | 11,814 | 11,681 | 12,504 | 9 |
| Franklin | 353 | 385 | 411 | 6.9 | 12,682 | 13,836 | 14,654 | 17 | Arkansas | 30,825 | 33,034 | 34,739 | 5.2 | 13,138 | 14,037 | 14,636 | |
| Geneva | 304 | 323 | 346 | 7.2 | 12,817 | 13,660 | 14,323 | 20 | Metropolitan portion | 15,166 | 16,949 | 17,133 | 4.8 | 14,672 | 15,681 | 16,221 | |
| Greene | 91 | 101 | 106 | 5.8 | 8,944 | 9,903 | 10,412 | 64 | Nonmetropolitan portion | 15,660 | 16,684 | 17,606 | 5.5 | 11,929 | 12,729 | 13,366 | |
| Hale | 135 | 151 | 160 | 6.2 | 8,788 | 9,885 | 10,195 | 65 | Arkansas | 274 | 293 | 306 | 4.2 | 12,525 | 13,590 | 14,258 | 23 |
| Henry | 187 | 191 | 221 | 15.5 | 12,215 | 12,398 | 14,093 | 26 | Ashley | 314 | 342 | 370 | 8.4 | 12,832 | 14,085 | 15,100 | 8 |
| Houston | 1,187 | 1,280 | 1,349 | 5.4 | 14,657 | 15,709 | 16,392 | 5 | Baxter | 428 | 460 | 478 | 3.8 | 13,842 | 14,699 | 14,993 | 11 |
| Jackson | 576 | 627 | 651 | 4.0 | 11,985 | 13,125 | 13,458 | 35 | Benton | 1,461 | 1,624 | 1,708 | 5.2 | 15,261 | 16,542 | 16,826 | 2 |
| Jefferson | 11,301 | 12,066 | 12,548 | 4.0 | 17,301 | 18,527 | 19,124 | 2 | Boone | 374 | 393 | 410 | 4.2 | 13,300 | 13,853 | 14,279 | 22 |
| Lamar | 190 | 199 | 207 | 4.0 | 10,059 | 10,685 | 13,176 | 42 | Bradley | 153 | 162 | 168 | 3.9 | 12,772 | 13,766 | 14,306 | 21 |
| Lauderdale | 1,055 | 1,147 | 1,205 | 5.1 | 13,195 | 14,406 | 14,915 | 14 | Calhoun | 58 | 56 | 59 | 3.8 | 9,952 | 9,706 | 10,088 | 74 |
| Lawrence | 315 | 345 | 373 | 8.2 | 9,990 | 10,951 | 11,612 | 58 | Carroll | 252 | 273 | 286 | 5.0 | 13,636 | 14,567 | 14,981 | 12 |
| Lee | 1,109 | 1,189 | 1,222 | 2.8 | 12,858 | 13,586 | 13,891 | 28 | Chicot | 139 | 157 | 167 | 6.1 | 8,715 | 10,053 | 10,782 | 68 |
| Limestone | 720 | 796 | 857 | 7.8 | 13,417 | 14,648 | 15,414 | 9 | Clark | 262 | 276 | 292 | 6.0 | 12,105 | 12,896 | 13,661 | 29 |
| Lowndes | 147 | 145 | 157 | 8.6 | 11,619 | 11,427 | 12,376 | 52 | Clay | 199 | 215 | 232 | 7.9 | 10,885 | 11,900 | 12,866 | 43 |
| Macon | 226 | 237 | 247 | 4.2 | 9,003 | 9,506 | 10,035 | 66 | Cleburne | 227 | 240 | 252 | 5.3 | 11,805 | 12,303 | 12,679 | 45 |
| Madison | 4,205 | 4,524 | 4,778 | 5.6 | 17,756 | 18,872 | 19,525 | 1 | Cleveland | 100 | 100 | 105 | 4.5 | 12,840 | 12,922 | 13,406 | 32 |
| Marengo | 266 | 282 | 305 | 8.2 | 11,480 | 12,234 | 13,185 | 40 | Columbia | 355 | 372 | 388 | 4.3 | 13,761 | 14,474 | 15,063 | 9 |
| Marion | 316 | 330 | 345 | 4.5 | 10,543 | 11,086 | 11,691 | 57 | Conway | 231 | 244 | 256 | 5.1 | 12,052 | 12,744 | 13,347 | 34 |
| Marshall | 986 | 1,045 | 1,095 | 4.7 | 13,986 | 14,731 | 15,235 | 12 | Craighead | 868 | 938 | 1,002 | 6.8 | 12,716 | 13,549 | 14,435 | 17 |
| Mobile | 4,989 | 5,355 | 5,750 | 7.4 | 13,232 | 14,115 | 14,989 | 13 | Crawford | 486 | 513 | 541 | 5.6 | 11,577 | 12,009 | 12,425 | 51 |
| Monroe | 269 | 300 | 330 | 10.0 | 11,313 | 12,498 | 13,964 | 27 | Crittenden | 553 | 589 | 604 | 2.5 | 11,106 | 11,778 | 12,192 | 57 |
| Montgomery | 3,389 | 3,597 | 3,779 | 5.1 | 16,215 | 17,196 | 17,838 | 3 | Cross | 220 | 231 | 250 | 8.4 | 11,384 | 12,008 | 13,022 | 41 |
| Morgan | 1,517 | 1,640 | 1,720 | 4.9 | 15,268 | 16,347 | 16,902 | 4 | Dallas | 126 | 132 | 137 | 4.5 | 13,001 | 13,718 | 14,361 | 20 |
| Perry | 108 | 115 | 121 | 4.7 | 8,401 | 9,056 | 9,616 | 67 | Desha | 185 | 204 | 219 | 7.6 | 10,853 | 12,174 | 13,224 | 36 |
| Pickens | 198 | 225 | 233 | 3.5 | 9,550 | 10,887 | 11,214 | 61 | Drew | 193 | 205 | 220 | 7.3 | 11,063 | 11,824 | 12,668 | 46 |
| Pike | 328 | 353 | 372 | 5.4 | 11,901 | 12,769 | 13,284 | 39 | Faulkner | 788 | 890 | 951 | 6.9 | 13,408 | 14,723 | 15,381 | 6 |
| Randolph | 228 | 241 | 249 | 3.3 | 11,460 | 12,112 | 12,449 | 51 | Franklin | 178 | 191 | 200 | 4.6 | 11,920 | 12,831 | 13,337 | 35 |
| | | | | | | | | | | | | | | | | | |

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1989-91—Continued

| Area name | Total personal income | | | | Per capita personal income ³ | | | | Area name | Total personal income | | | | Per capita personal income ³ | | | |
|--------------------------------|-----------------------|----------------|----------------|-----------------------------|---|---------------|---------------|---------------|--------------------------------|-----------------------|---------------|---------------|-----------------------------|---|---------------|---------------|---------------|
| | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State | | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State |
| | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | | | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | |
| Miller | 482 | 516 | 537 | 4.1 | 12,557 | 13,407 | 13,898 | 26 | Tuolumne | 663 | 717 | 754 | 5.2 | 14,042 | 14,668 | 15,077 | 45 |
| Mississippi | 614 | 686 | 744 | 8.5 | 10,632 | 11,928 | 13,003 | 42 | Ventura | 13,393 | 13,906 | 13,977 | .5 | 20,409 | 20,644 | 20,648 | 15 |
| Monroe | 117 | 129 | 135 | 4.9 | 10,146 | 11,405 | 12,225 | 56 | Yolo | 2,552 | 2,687 | 2,776 | 3.3 | 18,434 | 18,919 | 19,320 | 19 |
| Montgomery | 94 | 95 | 98 | 3.2 | 11,949 | 12,099 | 12,456 | 50 | Yuba | 667 | 700 | 750 | 7.1 | 11,606 | 11,971 | 12,607 | 57 |
| Nevada | 125 | 123 | 132 | 6.7 | 12,291 | 12,243 | 13,109 | 38 | Colorado | 58,241 | 62,067 | 65,509 | 5.5 | 17,779 | 18,795 | 19,395 | |
| Newton | 75 | 76 | 81 | 5.7 | 9,767 | 9,955 | 10,422 | 71 | Metropolitan portion | 49,289 | 52,400 | 55,442 | 5.8 | 18,463 | 19,456 | 20,122 | |
| Ouachita | 365 | 371 | 378 | 1.9 | 11,866 | 12,157 | 12,655 | 47 | Nonmetropolitan portion | 8,953 | 9,667 | 10,067 | 4.1 | 14,766 | 15,875 | 16,177 | |
| Perry | 88 | 89 | 93 | 4.0 | 11,160 | 11,186 | 11,533 | 64 | Adams | 3,981 | 4,088 | 4,356 | 6.6 | 15,037 | 15,413 | 15,982 | 34 |
| Phillips | 272 | 301 | 315 | 4.6 | 9,282 | 10,507 | 11,169 | 66 | Alamosa | 174 | 187 | 186 | -.6 | 12,903 | 13,664 | 13,381 | 54 |
| Pike | 134 | 135 | 143 | 6.0 | 13,348 | 13,379 | 14,389 | 18 | Arapahoe | 8,235 | 8,870 | 9,424 | 6.3 | 21,278 | 22,557 | 23,159 | 5 |
| Poinsett | 265 | 275 | 301 | 9.3 | 10,676 | 11,179 | 12,398 | 52 | Archuleta | 60 | 64 | 67 | 5.0 | 11,432 | 11,914 | 12,039 | 60 |
| Polk | 203 | 213 | 223 | 4.5 | 11,721 | 12,260 | 12,776 | 44 | Baca | 77 | 90 | 86 | -4.4 | 16,752 | 19,826 | 18,777 | 15 |
| Pope | 580 | 638 | 681 | 6.7 | 12,776 | 13,846 | 14,376 | 19 | Bent | 66 | 73 | 77 | 5.2 | 12,740 | 14,519 | 15,478 | 38 |
| Prairie | 101 | 103 | 110 | 7.0 | 10,514 | 10,845 | 11,810 | 62 | Boulder | 4,541 | 4,885 | 5,145 | 5.3 | 20,335 | 21,604 | 22,169 | 7 |
| Pulaski | 5,945 | 6,354 | 6,669 | 5.0 | 17,011 | 18,161 | 18,883 | 1 | Chaffee | 174 | 184 | 196 | 7.0 | 13,637 | 14,490 | 15,379 | 40 |
| Randolph | 168 | 177 | 187 | 6.1 | 10,118 | 10,664 | 11,276 | 65 | Cheyenne | 55 | 59 | 59 | 1.4 | 23,127 | 24,411 | 25,303 | 3 |
| St. Francis | 261 | 284 | 292 | 2.6 | 9,086 | 9,996 | 10,287 | 72 | Clear Creek | 116 | 120 | 129 | 7.7 | 15,229 | 15,707 | 16,382 | 28 |
| Saline | 821 | 895 | 952 | 6.4 | 12,985 | 13,871 | 14,531 | 16 | Conjoes | 62 | 64 | 68 | 6.2 | 8,252 | 8,647 | 9,096 | 63 |
| Scott | 125 | 125 | 134 | 7.7 | 12,292 | 12,204 | 13,042 | 40 | Costilla | 40 | 37 | 41 | 9.5 | 12,194 | 11,743 | 12,418 | 58 |
| Searcy | 80 | 80 | 84 | 4.8 | 10,129 | 10,298 | 11,056 | 67 | Crowley | 45 | 48 | 49 | 1.5 | 11,699 | 12,159 | 12,318 | 59 |
| Sebastian | 1,475 | 1,587 | 1,630 | 2.7 | 14,868 | 15,909 | 16,151 | 5 | Custer | 27 | 30 | 32 | 7.5 | 14,409 | 15,617 | 16,019 | 32 |
| Savler | 184 | 194 | 210 | 7.9 | 13,446 | 14,253 | 15,057 | 10 | Delta | 253 | 269 | 287 | 6.5 | 11,904 | 12,864 | 13,249 | 55 |
| Sharp | 156 | 167 | 176 | 5.6 | 11,001 | 11,835 | 12,139 | 58 | Denver | 9,780 | 10,365 | 10,895 | 5.1 | 20,733 | 22,221 | 22,867 | 6 |
| Stone | 95 | 100 | 107 | 6.9 | 9,712 | 10,247 | 10,730 | 69 | Doloris | 23 | 21 | 21 | 2.3 | 14,984 | 13,706 | 15,228 | 42 |
| Union | 714 | 757 | 776 | 2.6 | 15,211 | 16,207 | 16,711 | 3 | Douglas | 1,108 | 1,283 | 1,453 | 13.2 | 19,415 | 20,820 | 21,861 | 8 |
| Van Buren | 158 | 166 | 175 | 5.2 | 11,309 | 11,867 | 12,286 | 54 | Elbert | 417 | 477 | 506 | 6.0 | 19,620 | 21,538 | 21,613 | 10 |
| Washington | 1,567 | 1,691 | 1,779 | 5.2 | 13,954 | 14,852 | 15,256 | 7 | Eagle | 161 | 181 | 196 | 8.2 | 17,054 | 18,645 | 19,035 | 14 |
| White | 592 | 641 | 686 | 7.1 | 10,887 | 11,701 | 12,259 | 55 | El Paso | 6,456 | 6,705 | 7,138 | 6.5 | 16,474 | 16,807 | 17,651 | 23 |
| Woodruff | 96 | 104 | 111 | 6.2 | 9,956 | 11,005 | 11,758 | 63 | Fremont | 396 | 407 | 426 | 4.8 | 12,339 | 12,580 | 13,188 | 56 |
| Yell | 218 | 230 | 245 | 6.2 | 12,302 | 12,947 | 13,740 | 28 | Garfield | 445 | 498 | 517 | 3.7 | 15,130 | 16,510 | 16,661 | 26 |
| California | 574,638 | 615,507 | 632,059 | 2.7 | 19,667 | 20,547 | 20,805 | | Gilpin | 41 | 41 | 45 | 11.4 | 13,709 | 13,140 | 14,223 | 49 |
| Metropolitan portion | 560,815 | 600,861 | 616,852 | 2.7 | 19,935 | 20,728 | 20,989 | | Grand | 135 | 143 | 150 | 5.0 | 16,854 | 17,386 | 18,540 | 18 |
| Nonmetropolitan portion | 13,823 | 14,646 | 15,206 | 3.8 | 14,638 | 15,139 | 15,366 | | Gunnison | 131 | 140 | 149 | 6.1 | 12,726 | 13,650 | 14,257 | 48 |
| Alameda | 26,077 | 27,785 | 28,242 | 1.6 | 20,636 | 21,627 | 21,852 | 11 | Hinsdale | 8 | 8 | 9 | 4.6 | 16,715 | 17,929 | 18,666 | 16 |
| Alpine | 25 | 25 | 26 | 2.3 | 22,120 | 22,578 | 21,747 | 12 | Huerfano | 68 | 71 | 75 | 6.8 | 11,213 | 11,784 | 12,663 | 57 |
| Amador | 418 | 453 | 485 | 6.9 | 14,446 | 14,894 | 15,547 | 41 | Jackson | 25 | 26 | 28 | 8.9 | 15,103 | 16,064 | 17,223 | 24 |
| Butte | 2,523 | 2,731 | 2,836 | 3.8 | 14,104 | 14,900 | 15,172 | 44 | Jefferson | 8,644 | 9,221 | 9,658 | 4.7 | 19,851 | 20,974 | 21,624 | 9 |
| Calaveras | 424 | 462 | 484 | 4.8 | 13,651 | 14,284 | 14,273 | 48 | Kiowa | 42 | 49 | 45 | -8.2 | 24,506 | 29,048 | 27,500 | 2 |
| Colusa | 282 | 292 | 311 | 6.3 | 17,608 | 17,866 | 18,803 | 22 | Kit Carson | 130 | 140 | 132 | -5.8 | 18,020 | 19,857 | 18,310 | 19 |
| Contra Costa | 19,100 | 20,652 | 21,492 | 4.1 | 24,205 | 25,529 | 26,215 | 4 | Lake | 57 | 61 | 64 | 5.7 | 9,134 | 10,200 | 10,471 | 62 |
| Del Norte | 258 | 287 | 308 | 7.3 | 11,242 | 12,151 | 12,187 | 58 | La Plata | 463 | 508 | 540 | 6.2 | 14,418 | 15,711 | 16,095 | 30 |
| El Dorado | 2,218 | 2,521 | 2,680 | 6.3 | 18,146 | 19,793 | 20,179 | 16 | Larimer | 2,959 | 3,211 | 3,400 | 5.9 | 16,127 | 17,162 | 17,657 | 22 |
| Fresno | 9,987 | 10,906 | 11,231 | 3.0 | 15,270 | 16,222 | 16,323 | 36 | Las Animas | 164 | 171 | 182 | 6.2 | 11,841 | 12,476 | 13,318 | 53 |
| Glenn | 361 | 369 | 368 | -.2 | 14,706 | 14,821 | 14,646 | 46 | Lincoln | 76 | 84 | 88 | 4.8 | 16,648 | 18,628 | 19,339 | 13 |
| Humboldt | 1,832 | 1,925 | 1,991 | 3.4 | 15,518 | 16,106 | 16,483 | 35 | Logan | 258 | 278 | 275 | -1.0 | 14,449 | 15,887 | 15,824 | 35 |
| Imperial | 1,525 | 1,611 | 1,614 | 2.2 | 14,141 | 14,664 | 13,852 | 51 | Mesa | 1,292 | 1,398 | 1,482 | 6.0 | 13,989 | 14,964 | 15,351 | 41 |
| Inyo | 311 | 322 | 332 | 3.2 | 17,030 | 17,599 | 18,109 | 23 | Mineral | 7 | 8 | 8 | 6.6 | 12,658 | 13,797 | 14,341 | 47 |
| Kern | 7,866 | 8,559 | 8,954 | 4.6 | 14,760 | 15,639 | 15,791 | 39 | Moffat | 156 | 162 | 168 | 3.9 | 13,490 | 14,321 | 14,683 | 45 |
| Kings | 1,293 | 1,334 | 1,390 | 4.2 | 13,095 | 13,020 | 13,419 | 54 | Montezuma | 231 | 255 | 266 | 4.2 | 12,380 | 13,678 | 13,958 | 52 |
| Lake | 742 | 789 | 851 | 7.8 | 14,910 | 15,493 | 16,075 | 37 | Montrose | 328 | 347 | 363 | 4.5 | 13,451 | 14,200 | 14,398 | 46 |
| Lassen | 344 | 353 | 379 | 7.5 | 12,667 | 12,704 | 13,523 | 53 | Morgan | 313 | 337 | 348 | 3.2 | 14,244 | 15,351 | 15,450 | 39 |
| Los Angeles | 173,571 | 184,760 | 188,230 | 1.9 | 19,856 | 20,744 | 20,967 | 13 | Otero | 251 | 263 | 282 | 7.2 | 12,309 | 13,072 | 13,966 | 51 |
| Madera | 1,131 | 1,216 | 1,260 | 3.6 | 13,147 | 13,687 | 13,553 | 52 | Ouray | 37 | 38 | 41 | 6.9 | 16,175 | 16,444 | 16,668 | 25 |
| Marin | 7,980 | 8,598 | 8,884 | 3.3 | 34,890 | 37,283 | 38,110 | 1 | Park | 105 | 110 | 120 | 9.1 | 14,872 | 15,236 | 15,531 | 37 |
| Mariposa | 210 | 235 | 253 | 7.6 | 14,922 | 16,312 | 16,919 | 30 | Phillips | 69 | 69 | 67 | -3.2 | 16,265 | 16,495 | 16,014 | 33 |
| Mendocino | 1,235 | 1,302 | 1,341 | 3.0 | 15,568 | 16,133 | 16,486 | 34 | Pitkin | 400 | 447 | 454 | 1.5 | 32,273 | 35,083 | 36,156 | 1 |
| Merced | 2,253 | 2,399 | 2,482 | 3.5 | 12,866 | 13,358 | 13,403 | 55 | Prowers | 185 | 195 | 197 | .8 | 13,820 | 14,642 | 14,782 | 44 |
| Modoc | 142 | 144 | 137 | -5.2 | 14,739 | 14,869 | 13,938 | 50 | Pueblo | 1,634 | 1,724 | 1,826 | 5.9 | 13,252 | 14,014 | 14,795 | 43 |
| Mono | 184 | 189 | 181 | -4.1 | 18,741 | 18,856 | 18,805 | 21 | Rio Blanco | 92 | 97 | 101 | 4.1 | 15,187 | 16,278 | 16,553 | 27 |
| Monterey | 6,332 | 6,868 | 7,108 | 3.5 | 18,028 | 19,223 | 19,572 | 18 | Rio Grande | 163 | 164 | 152 | -7.5 | 15,112 | 15,233 | 14,117 | 50 |
| Napa | 2,373 | 2,545 | 2,637 | 3.6 | 21,643 | 22,897 | 23,581 | 7 | Routt | 270 | 304 | 312 | 2.6 | 19,237 | 21,552 | 21,278 | 11 |
| Nevada | 1,283 | 1,404 | 1,474 | 5.0 | 16,779 | 17,173 | 18,104 | 24 | Saguache | 52 | 51 | 53 | 4.2 | 11,400 | 10,917 | 11,156 | 61 |
| Orange | 55,381 | 58,637 | 58,808 | .3 | 23,390 | 24,172 | 24,077 | 6 | San Juan | 12 | 13 | 12 | -6.4 | 16,665 | 17,777 | 17,893 | 21 |
| Placer | 3,170 | 3,539 | 3,741 | 5.7 | 18,911 | 20,263 | 20,752 | 14 | San Miguel | 55 | 66 | 72 | 9.6 | 15,233 | 17,959 | 18,005 | 20 |
| Plumas | 303 | 320 | 336 | 5.1 | 15,505 | 16,147 | 16,737 | 32 | Sedgwick | 43 | 48 | 43 | -9.0 | 15,766 | 17,833 | 16,146 | 29 |
| Riverside | 18,683 | 21,070 | 21,731 | 3.1 | 16,676 | 17,721 | 17,584 | 26 | Summit | 269 | 309 | 335 | 8.4 | 21,279 | 23,832 | 24,609 | 4 |
| Sacramento | 18,037 | 19,657 | 20,707 | 5.3 | 17,722 | 18,727 | 19,258 | 20 | Teller | 178 | 190 | 204 | 7.1 | 14,622 | 15,149 | 15,817 | 36 |
| San Benito | 554 | 606 | 627 | 3.5 | 15,510 | 16,342 | 16,785 | 31 | Washington | 89 | 95 | 93 | -2.0 | 18,271 | 19,789 | 19,378 | 12 |
| San Bernardino | 21,559 | 23,051 | 23,735 | 3.0 | 15,759 | 16,042 | 15,979 | 38 | Weid | 1,951 | 2,048 | 2,147 | 4.8 | 14,827 | 15,518</ | | |

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1989–91—Continued

| Area name | Total personal income | | | | Per capita personal income ³ | | | | Area name | Total personal income | | | | Per capita personal income ³ | | | |
|-------------------------|-----------------------|---------|---------|-----------------------------|---|--------|--------|---------------|---------------|-----------------------|--------|--------|-----------------------------|---|--------|--------|---------------|
| | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State | | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State |
| | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | | | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | |
| New Castle | 9,467 | 10,291 | 10,491 | 1.9 | 21,673 | 23,184 | 23,359 | 1 | Bleckley | 138 | 144 | 156 | 7.9 | 13,188 | 13,828 | 14,761 | 55 |
| Sussex | 1,833 | 1,943 | 2,036 | 4.8 | 16,414 | 17,069 | 17,490 | 2 | Brantley | 107 | 113 | 120 | 6.4 | 9,735 | 10,136 | 10,727 | 155 |
| District Of Columbia | 13,844 | 14,366 | 14,831 | 3.2 | 22,180 | 23,885 | 24,916 | | Brooks | 146 | 155 | 174 | 11.9 | 9,461 | 10,065 | 11,199 | 152 |
| Florida | 226,498 | 242,703 | 251,870 | 3.8 | 17,922 | 18,606 | 18,985 | | Bryan | 149 | 164 | 177 | 7.6 | 9,946 | 10,512 | 10,826 | 154 |
| Metropolitan portion | 214,047 | 229,311 | 237,776 | 3.7 | 18,228 | 18,915 | 19,284 | | Bulloch | 487 | 528 | 564 | 6.9 | 11,425 | 12,184 | 12,767 | 114 |
| Nonmetropolitan portion | 12,451 | 13,391 | 14,094 | 5.2 | 13,910 | 14,532 | 15,055 | | Burke | 211 | 226 | 238 | 5.1 | 10,241 | 10,986 | 11,493 | 148 |
| Alachua | 2,708 | 2,947 | 3,120 | 5.9 | 15,151 | 16,139 | 16,743 | 21 | Butts | 204 | 217 | 225 | 4.0 | 13,361 | 14,124 | 14,539 | 61 |
| Baker | 220 | 238 | 251 | 5.6 | 12,079 | 12,782 | 13,266 | 46 | Calhoun | 58 | 64 | 69 | 8.2 | 11,282 | 12,804 | 13,916 | 83 |
| Bay | 1,730 | 1,893 | 2,033 | 7.4 | 13,866 | 14,812 | 15,580 | 31 | Camden | 311 | 354 | 411 | 15.9 | 10,871 | 11,517 | 12,199 | 134 |
| Bradford | 245 | 262 | 279 | 6.4 | 10,916 | 11,637 | 12,170 | 55 | Candler | 95 | 103 | 113 | 9.5 | 12,296 | 13,370 | 14,214 | 73 |
| Brevard | 6,624 | 7,101 | 7,459 | 5.0 | 17,060 | 17,629 | 18,009 | 16 | Carroll | 977 | 1,031 | 1,065 | 3.3 | 13,903 | 14,354 | 14,655 | 58 |
| Broward | 26,795 | 28,412 | 29,112 | 2.5 | 21,764 | 22,478 | 22,620 | 6 | Catoosa | 507 | 534 | 555 | 3.9 | 12,077 | 12,511 | 12,827 | 113 |
| Calhoun | 95 | 104 | 109 | 5.0 | 8,835 | 9,380 | 9,673 | 67 | Charlton | 96 | 101 | 106 | 5.2 | 11,456 | 11,846 | 12,382 | 130 |
| Charlotte | 1,727 | 1,895 | 1,964 | 3.6 | 16,296 | 16,798 | 16,842 | 20 | Chatham | 3,650 | 3,866 | 3,983 | 3.0 | 16,851 | 17,806 | 18,104 | 9 |
| Citrus | 1,209 | 1,315 | 1,384 | 5.3 | 13,429 | 13,875 | 14,243 | 36 | Chattahoochee | 155 | 156 | 163 | 4.5 | 8,750 | 9,337 | 9,513 | 158 |
| Clay | 1,566 | 1,689 | 1,766 | 4.6 | 15,276 | 15,746 | 16,064 | 27 | Chattooga | 254 | 267 | 281 | 5.3 | 11,467 | 11,974 | 12,492 | 126 |
| Collier | 3,754 | 4,157 | 4,301 | 3.5 | 25,745 | 26,920 | 26,935 | 3 | Cherokee | 1,487 | 1,640 | 1,745 | 6.7 | 17,092 | 17,940 | 18,009 | 12 |
| Columbia | 508 | 541 | 577 | 6.6 | 12,105 | 12,625 | 13,239 | 47 | Clarke | 1,255 | 1,345 | 1,381 | 2.7 | 14,435 | 15,319 | 15,715 | 33 |
| Dade | 32,936 | 34,818 | 35,895 | 3.1 | 17,292 | 17,871 | 18,252 | 14 | Clay | 29 | 31 | 34 | 8.3 | 8,694 | 9,190 | 9,939 | 157 |
| De Soto | 299 | 324 | 347 | 7.0 | 12,774 | 13,497 | 14,319 | 34 | Clayton | 2,750 | 2,908 | 3,007 | 3.4 | 15,235 | 15,924 | 16,243 | 24 |
| Die | 103 | 112 | 115 | 2.4 | 9,938 | 10,484 | 10,444 | 64 | Clinch | 63 | 68 | 75 | 9.9 | 10,073 | 11,133 | 11,975 | 139 |
| Duval | 11,134 | 11,835 | 12,352 | 4.4 | 16,794 | 17,495 | 17,878 | 17 | Cobb | 9,201 | 9,925 | 10,248 | 3.3 | 21,048 | 21,978 | 22,140 | 3 |
| Escambia | 3,752 | 3,988 | 4,205 | 5.4 | 14,422 | 15,124 | 15,687 | 30 | Coffee | 359 | 390 | 416 | 7.2 | 12,159 | 13,172 | 13,926 | 82 |
| Flagler | 340 | 373 | 405 | 8.7 | 12,694 | 12,662 | 13,008 | 48 | Coldwater | 484 | 512 | 542 | 6.0 | 13,224 | 13,952 | 14,754 | 56 |
| Franklin | 96 | 104 | 112 | 7.9 | 10,817 | 11,561 | 12,271 | 53 | Columbia | 799 | 905 | 954 | 5.4 | 12,452 | 13,569 | 13,635 | 90 |
| Gadsden | 490 | 532 | 573 | 7.7 | 11,945 | 12,925 | 13,662 | 42 | Cook | 150 | 159 | 168 | 6.0 | 11,129 | 11,809 | 12,459 | 128 |
| Gilchrist | 99 | 107 | 116 | 7.9 | 10,654 | 10,929 | 11,509 | 61 | Cowata | 807 | 891 | 942 | 5.7 | 15,337 | 16,404 | 16,488 | 18 |
| Glades | 68 | 72 | 77 | 6.7 | 9,065 | 9,485 | 10,392 | 65 | Crawford | 106 | 108 | 117 | 8.6 | 11,889 | 11,968 | 12,702 | 117 |
| Gulf | 134 | 142 | 149 | 4.6 | 11,773 | 12,304 | 12,846 | 51 | Crisp | 237 | 250 | 270 | 8.3 | 11,820 | 12,471 | 13,127 | 106 |
| Hamilton | 112 | 119 | 122 | 2.7 | 10,464 | 10,818 | 11,052 | 63 | Dade | 133 | 136 | 142 | 3.8 | 10,198 | 10,342 | 10,674 | 156 |
| Hardee | 288 | 306 | 328 | 7.2 | 14,769 | 15,704 | 16,395 | 26 | Dawson | 121 | 129 | 140 | 8.7 | 13,541 | 13,409 | 14,151 | 75 |
| Hendry | 393 | 404 | 454 | 12.4 | 15,615 | 15,552 | 16,638 | 22 | Decatur | 320 | 344 | 372 | 8.0 | 12,527 | 13,496 | 14,404 | 64 |
| Hernando | 1,339 | 1,433 | 1,515 | 5.7 | 13,945 | 13,909 | 14,246 | 35 | De Kalb | 11,086 | 11,507 | 11,834 | 2.8 | 20,442 | 21,029 | 21,366 | 4 |
| Highlands | 991 | 1,054 | 1,114 | 5.7 | 14,923 | 15,245 | 15,883 | 29 | Dodge | 208 | 217 | 232 | 7.2 | 11,867 | 12,296 | 12,974 | 110 |
| Hillsborough | 13,159 | 14,129 | 14,683 | 3.9 | 16,111 | 16,818 | 17,361 | 18 | Dooly | 113 | 117 | 131 | 11.7 | 11,383 | 11,822 | 13,163 | 104 |
| Holmes | 162 | 175 | 186 | 6.4 | 10,391 | 11,043 | 11,670 | 60 | Dougherty | 1,338 | 1,414 | 1,483 | 4.8 | 13,775 | 14,721 | 15,306 | 41 |
| Indian River | 2,083 | 2,248 | 2,318 | 3.1 | 23,758 | 24,679 | 25,110 | 5 | Douglas | 1,119 | 1,180 | 1,228 | 4.1 | 15,978 | 16,504 | 16,743 | 17 |
| Jackson | 476 | 520 | 556 | 6.9 | 11,578 | 12,551 | 13,321 | 45 | Early | 144 | 153 | 170 | 11.1 | 10,062 | 12,939 | 14,212 | 74 |
| Jefferson | 130 | 145 | 156 | 7.6 | 11,625 | 12,783 | 13,490 | 44 | Echols | 24 | 24 | 25 | 3.3 | 10,055 | 10,524 | 11,061 | 153 |
| Lafayette | 62 | 67 | 69 | 3.1 | 11,401 | 11,821 | 12,205 | 54 | Effingham | 306 | 334 | 347 | 3.8 | 12,206 | 12,892 | 13,199 | 101 |
| Lake | 2,363 | 2,502 | 2,606 | 4.2 | 15,990 | 16,286 | 16,504 | 25 | Elbert | 252 | 263 | 275 | 4.5 | 13,276 | 13,895 | 14,662 | 62 |
| Lee | 6,019 | 6,501 | 6,723 | 3.4 | 18,629 | 19,150 | 19,392 | 10 | Emanuel | 238 | 247 | 262 | 5.9 | 11,558 | 12,032 | 12,682 | 119 |
| Leon | 2,918 | 3,188 | 3,375 | 5.9 | 15,512 | 16,431 | 17,004 | 19 | Evans | 123 | 128 | 134 | 5.2 | 14,225 | 14,584 | 15,304 | 42 |
| Levy | 285 | 307 | 328 | 6.8 | 11,252 | 11,738 | 12,376 | 52 | Fannin | 187 | 193 | 207 | 7.2 | 11,776 | 12,037 | 12,744 | 115 |
| Liberty | 57 | 64 | 68 | 6.6 | 10,428 | 11,376 | 12,028 | 57 | Fayette | 1,325 | 1,424 | 1,488 | 4.5 | 22,192 | 22,439 | 22,534 | 2 |
| Madison | 166 | 179 | 190 | 6.1 | 10,167 | 10,759 | 11,357 | 62 | Floyd | 1,228 | 1,313 | 1,383 | 5.3 | 15,153 | 16,145 | 16,899 | 16 |
| Manatee | 3,664 | 3,928 | 4,107 | 4.6 | 17,816 | 18,370 | 18,961 | 11 | Forsyth | 827 | 904 | 957 | 5.9 | 19,311 | 20,281 | 20,430 | 5 |
| Marion | 2,537 | 2,727 | 2,866 | 5.1 | 13,456 | 13,835 | 14,158 | 38 | Franklin | 239 | 251 | 264 | 5.1 | 14,466 | 15,061 | 15,579 | 35 |
| Martin | 2,607 | 2,922 | 2,970 | 1.7 | 26,736 | 28,608 | 28,638 | 1 | Fulton | 13,893 | 15,074 | 15,595 | 3.5 | 21,545 | 23,172 | 23,714 | 1 |
| Monroe | 1,459 | 1,573 | 1,607 | 2.2 | 19,082 | 20,014 | 20,332 | 8 | Gilmer | 196 | 210 | 221 | 5.2 | 14,887 | 15,652 | 15,883 | 29 |
| Nassau | 737 | 819 | 857 | 4.6 | 17,154 | 18,494 | 18,877 | 12 | Glascock | 33 | 33 | 34 | 3.2 | 13,693 | 14,117 | 14,819 | 54 |
| Oakalosa | 2,120 | 2,292 | 2,459 | 7.3 | 15,038 | 15,832 | 16,574 | 24 | Glynn | 1,035 | 1,106 | 1,144 | 3.4 | 16,852 | 17,686 | 18,053 | 11 |
| Okeechobee | 370 | 398 | 412 | 3.5 | 12,834 | 13,308 | 13,519 | 43 | Gordon | 489 | 519 | 537 | 3.4 | 14,090 | 14,736 | 15,024 | 48 |
| Orange | 11,360 | 12,231 | 12,591 | 2.9 | 17,263 | 17,873 | 18,093 | 15 | Grady | 250 | 255 | 269 | 5.6 | 12,290 | 12,577 | 13,187 | 102 |
| Osceola | 1,691 | 1,820 | 1,907 | 4.8 | 16,413 | 16,630 | 16,621 | 23 | Greene | 151 | 163 | 170 | 4.8 | 12,811 | 13,772 | 13,993 | 81 |
| Palm Beach | 21,778 | 24,043 | 24,909 | 3.6 | 25,994 | 27,550 | 28,097 | 2 | Gwinnett | 6,470 | 7,078 | 7,392 | 4.4 | 19,112 | 19,753 | 19,903 | 6 |
| Pasco | 3,722 | 3,941 | 4,047 | 2.7 | 13,633 | 13,876 | 14,158 | 39 | Habersham | 402 | 423 | 435 | 2.9 | 14,632 | 15,292 | 15,505 | 36 |
| Pinellas | 17,193 | 17,934 | 18,515 | 3.2 | 20,443 | 20,967 | 21,445 | 7 | Hall | 1,539 | 1,643 | 1,705 | 3.8 | 16,344 | 17,137 | 17,358 | 15 |
| Polk | 5,769 | 6,043 | 6,294 | 4.1 | 14,520 | 14,803 | 15,241 | 32 | Hancock | 96 | 104 | 108 | 4.1 | 10,666 | 11,650 | 12,092 | 138 |
| Putnam | 705 | 752 | 802 | 6.6 | 11,067 | 11,470 | 12,101 | 56 | Haralson | 281 | 304 | 311 | 2.2 | 12,933 | 13,798 | 14,066 | 79 |
| St. Johns | 1,507 | 1,687 | 1,772 | 5.0 | 18,576 | 19,895 | 20,265 | 9 | Harris | 264 | 277 | 285 | 2.9 | 14,944 | 15,560 | 16,048 | 26 |
| St. Lucie | 2,053 | 2,223 | 2,341 | 5.3 | 14,244 | 14,599 | 15,004 | 33 | Hart | 283 | 293 | 299 | 2.1 | 14,391 | 14,858 | 15,045 | 46 |
| Santa Rosa | 1,022 | 1,132 | 1,218 | 7.5 | 12,941 | 13,717 | 14,203 | 37 | Heard | 92 | 98 | 103 | 5.1 | 10,877 | 11,244 | 11,660 | 145 |
| Sarasota | 6,642 | 7,055 | 7,209 | 2.2 | 24,512 | 25,180 | 25,335 | 4 | Henry | 976 | 1,094 | 1,156 | 5.7 | 17,209 | 18,383 | 18,285 | 8 |
| Seminole | 4,769 | 5,202 | 5,522 | 6.2 | 17,208 | 17,856 | 18,391 | 13 | Houston | 1,318 | 1,380 | 1,439 | 4.3 | 14,865 | 15,431 | 15,767 | 32 |
| Sumter | 362 | 390 | 414 | 6.1 | 11,737 | 12,248 | 12,874 | 49 | Inwin | 96 | 100 | 111 | 11.2 | 11,078 | 11,545 | 12,844 | 111 |
| Suwannee | 316 | 337 | 357 | 6.0 | 11,978 | 12,512 | 12,863 | 50 | Jackson | 425 | 447 | 468 | 4.7 | 14,330 | 14,835 | 15,205 | 43 |
| Taylor | 224 | 236 | 241 | 2.1 | 13,194 | 13,739 | 13,853 | 40 | Jasper | 121 | 127 | 131 | 3.6 | 14,519 | 14,943 | 15,387 | 39 |
| Union | 97 | 101 | 105 | 3.6 | 9,542 | 9,834 | 10,107 | 66 | Jeff Davis | 157 | 165 | 168 | 1.4 | 13,113 | 13,724 | 13,914 | 84 |
| | | | | | | | | | | | | | | | | | |

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1989-91—Continued

| Area name | Total personal income | | | | Per capita personal income ³ | | | | Area name | Total personal income | | | | Per capita personal income ³ | | | |
|-------------------------|-----------------------|--------|--------|-----------------------------|---|--------|--------|---------------|------------------------------------|-----------------------|---------|---------|-----------------------------|---|--------|--------|---------------|
| | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State | | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State |
| | 1989 | 1990 | 1991 | 1990-91 | 1989 | 1990 | 1991 | 1991 | | 1989 | 1990 | 1991 | 1990-91 | 1989 | 1990 | 1991 | 1991 |
| Mitchell | 226 | 235 | 257 | 9.4 | 11,066 | 11,593 | 12,599 | 124 | Custer | 59 | 62 | 58 | -7.1 | 14,158 | 15,056 | 13,812 | 20 |
| Monroe | 235 | 245 | 270 | 10.4 | 13,842 | 14,265 | 15,384 | 40 | Elmore | 295 | 308 | 318 | 3.3 | 14,018 | 14,486 | 15,443 | 13 |
| Montgomery | 88 | 91 | 96 | 5.8 | 12,359 | 12,696 | 13,357 | 97 | Franklin | 89 | 93 | 95 | 2.5 | 9,668 | 10,036 | 10,061 | 44 |
| Morgan | 194 | 207 | 212 | 2.7 | 15,191 | 16,004 | 16,237 | 25 | Freemont (incl. Yiwstn. Natl. Pk.) | 137 | 147 | 140 | -5.0 | 12,625 | 13,387 | 12,477 | 34 |
| Murray | 306 | 327 | 343 | 4.9 | 11,962 | 12,428 | 12,661 | 121 | Gem | 141 | 147 | 158 | 7.0 | 11,926 | 12,426 | 12,874 | 32 |
| Muscogee | 2,707 | 2,870 | 2,972 | 3.6 | 15,071 | 16,017 | 16,410 | 20 | Gooding | 159 | 174 | 178 | 2.2 | 13,710 | 14,917 | 14,858 | 18 |
| Newton | 611 | 661 | 694 | 5.0 | 14,796 | 15,732 | 15,928 | 27 | Idaho | 173 | 184 | 186 | 1.2 | 12,571 | 13,349 | 13,486 | 24 |
| Oconee | 264 | 288 | 299 | 3.9 | 15,336 | 16,217 | 16,420 | 19 | Jefferson | 178 | 198 | 200 | 1.3 | 10,909 | 11,883 | 11,765 | 39 |
| Oglethorpe | 122 | 133 | 137 | 3.6 | 12,495 | 13,562 | 13,827 | 86 | Jerome | 192 | 213 | 206 | -3.3 | 12,746 | 14,051 | 13,310 | 27 |
| Paulding | 520 | 563 | 603 | 7.1 | 12,916 | 13,363 | 13,466 | 94 | Kootenai | 962 | 1,071 | 1,159 | 8.2 | 14,008 | 15,265 | 15,659 | 11 |
| Peach | 313 | 320 | 334 | 4.3 | 14,872 | 15,069 | 15,604 | 34 | Latah | 392 | 415 | 424 | 2.1 | 12,973 | 13,489 | 13,596 | 22 |
| Pickens | 215 | 231 | 240 | 4.2 | 15,133 | 15,904 | 16,250 | 23 | Lemhi | 85 | 91 | 94 | 3.0 | 12,380 | 13,205 | 13,379 | 25 |
| Pierce | 139 | 151 | 160 | 6.2 | 10,483 | 11,294 | 11,945 | 140 | Lewis | 67 | 66 | 63 | -5.9 | 18,921 | 18,945 | 17,344 | 5 |
| Pike | 131 | 137 | 143 | 3.8 | 12,943 | 13,359 | 13,547 | 92 | Lincoln | 47 | 52 | 44 | -14.2 | 14,079 | 15,675 | 13,294 | 28 |
| Polk | 421 | 440 | 452 | 2.7 | 12,468 | 13,013 | 13,234 | 99 | Madison | 229 | 255 | 258 | 1.0 | 9,896 | 10,706 | 10,978 | 43 |
| Pulaski | 111 | 117 | 128 | 8.8 | 13,546 | 14,509 | 15,847 | 31 | Mindoka | 216 | 244 | 242 | -6 | 11,154 | 12,586 | 12,248 | 36 |
| Putnam | 168 | 184 | 191 | 3.7 | 12,149 | 12,923 | 13,036 | 108 | Nez Perce | 509 | 530 | 542 | 2.3 | 15,266 | 15,638 | 15,731 | 10 |
| Quitman | 25 | 28 | 31 | 8.1 | 11,187 | 11,927 | 12,673 | 120 | Oneyda | 39 | 40 | 40 | 1.1 | 11,251 | 11,376 | 11,664 | 41 |
| Rabun | 139 | 150 | 156 | 3.9 | 12,034 | 12,847 | 13,173 | 103 | Owyhee | 92 | 100 | 101 | -1 | 11,029 | 11,898 | 11,711 | 40 |
| Randolph | 83 | 85 | 94 | 10.3 | 10,179 | 10,621 | 11,415 | 150 | Payette | 188 | 205 | 215 | 4.7 | 11,556 | 12,449 | 12,584 | 33 |
| Richmond | 3,014 | 3,308 | 3,440 | 4.0 | 15,860 | 17,440 | 17,888 | 13 | Power | 125 | 145 | 129 | -11.6 | 17,869 | 20,447 | 17,560 | 4 |
| Rockdale | 965 | 1,056 | 1,107 | 4.8 | 18,299 | 19,342 | 19,477 | 7 | Shoshone | 182 | 192 | 192 | 1 | 12,698 | 13,780 | 13,644 | 21 |
| Schley | 44 | 44 | 49 | 11.0 | 12,231 | 12,223 | 13,641 | 88 | Teton | 39 | 42 | 40 | -5.0 | 11,561 | 12,204 | 11,139 | 42 |
| Screven | 158 | 161 | 174 | 8.0 | 11,339 | 11,624 | 12,610 | 122 | Twin Falls | 763 | 808 | 841 | 4.0 | 14,369 | 15,038 | 15,262 | 15 |
| Seminole | 101 | 108 | 118 | 10.1 | 11,194 | 11,963 | 13,014 | 109 | Valley | 96 | 106 | 111 | 4.5 | 15,797 | 17,302 | 16,754 | 6 |
| Spalding | 759 | 796 | 824 | 3.6 | 14,040 | 14,568 | 14,848 | 53 | Washington | 99 | 105 | 112 | 7.4 | 11,687 | 12,199 | 12,957 | 31 |
| Stephens | 297 | 310 | 324 | 4.5 | 12,828 | 13,322 | 13,727 | 87 | Illinois | 219,458 | 232,611 | 239,317 | 2.9 | 19,234 | 20,327 | 20,737 | ..... |
| Stewart | 57 | 60 | 63 | 5.7 | 10,059 | 10,584 | 11,367 | 151 | Metropolitan portion | 192,317 | 204,416 | 210,544 | 3.0 | 20,141 | 21,322 | 21,749 | ..... |
| Sumter | 385 | 411 | 436 | 5.9 | 12,697 | 13,615 | 14,241 | 69 | Nonmetropolitan portion | 27,141 | 28,196 | 28,772 | 2.0 | 14,581 | 15,190 | 15,470 | ..... |
| Talbot | 72 | 77 | 80 | 3.5 | 11,102 | 11,808 | 12,122 | 137 | Adams | 1,038 | 1,078 | 1,109 | 2.9 | 15,643 | 16,323 | 16,674 | 38 |
| Taliaferro | 27 | 28 | 28 | -1 | 13,759 | 14,669 | 15,193 | 44 | Alexander | 118 | 119 | 123 | 3.5 | 11,047 | 11,205 | 11,560 | 100 |
| Tattnall | 226 | 244 | 262 | 7.7 | 12,757 | 13,737 | 14,665 | 57 | Bond | 220 | 230 | 234 | 1.8 | 14,630 | 15,334 | 15,539 | 57 |
| Taylor | 102 | 108 | 113 | 5.0 | 13,197 | 14,132 | 14,941 | 51 | Boone | 522 | 535 | 558 | 4.4 | 17,094 | 17,311 | 17,569 | 25 |
| Telfair | 121 | 127 | 136 | 6.6 | 10,962 | 11,589 | 12,237 | 132 | Brown | 77 | 78 | 82 | 4.7 | 13,232 | 13,322 | 13,862 | 86 |
| Terrell | 107 | 115 | 126 | 9.3 | 9,975 | 10,854 | 11,896 | 143 | Bureau | 579 | 608 | 616 | 1.3 | 16,145 | 17,068 | 17,258 | 31 |
| Thomas | 544 | 583 | 622 | 6.8 | 14,005 | 14,924 | 15,848 | 30 | Calhoun | 78 | 80 | 81 | 1.4 | 14,575 | 15,040 | 15,428 | 59 |
| Tift | 469 | 509 | 546 | 7.3 | 13,441 | 14,518 | 15,428 | 38 | Carroll | 245 | 256 | 256 | 1 | 14,489 | 15,260 | 15,416 | 60 |
| Toombs | 314 | 342 | 362 | 5.9 | 13,063 | 14,181 | 14,963 | 50 | Cass | 191 | 208 | 210 | 9 | 14,092 | 15,507 | 15,616 | 56 |
| Towns | 77 | 85 | 87 | 2.2 | 11,596 | 12,526 | 12,603 | 123 | Champaign | 2,751 | 2,944 | 3,038 | 3.2 | 15,947 | 16,990 | 17,460 | 27 |
| Treutlen | 63 | 65 | 70 | 8.0 | 10,491 | 10,804 | 11,684 | 144 | Christian | 556 | 597 | 602 | .8 | 16,126 | 17,350 | 17,488 | 26 |
| Troup | 803 | 839 | 860 | 2.5 | 14,483 | 15,097 | 15,153 | 45 | Alexander | 204 | 213 | 219 | 2.8 | 12,799 | 13,396 | 13,830 | 87 |
| Turner | 91 | 97 | 112 | 15.4 | 10,383 | 11,185 | 12,707 | 116 | Clay | 205 | 202 | 207 | 2.4 | 14,180 | 13,966 | 14,200 | 81 |
| Twiggs | 105 | 111 | 119 | 6.7 | 10,638 | 11,388 | 12,194 | 135 | Clinton | 547 | 561 | 566 | .8 | 16,168 | 16,509 | 16,629 | 39 |
| Union | 132 | 141 | 151 | 7.3 | 11,143 | 11,698 | 12,212 | 133 | Coles | 737 | 773 | 803 | 3.9 | 14,284 | 14,954 | 15,532 | 58 |
| Upson | 321 | 334 | 346 | 3.6 | 12,214 | 12,697 | 13,161 | 105 | Cook | 104,718 | 110,364 | 113,900 | 3.2 | 20,485 | 21,622 | 22,211 | 3 |
| Walker | 721 | 752 | 779 | 3.6 | 12,406 | 12,873 | 13,222 | 100 | Crawford | 298 | 298 | 313 | 4.9 | 14,965 | 15,347 | 16,023 | 47 |
| Walton | 490 | 545 | 569 | 4.4 | 12,900 | 14,040 | 14,234 | 70 | Cumberland | 134 | 141 | 146 | 3.4 | 12,557 | 13,247 | 13,570 | 90 |
| Ware | 455 | 478 | 503 | 5.2 | 12,753 | 13,492 | 14,127 | 78 | De Kalb | 1,242 | 1,308 | 1,338 | 2.3 | 16,051 | 16,733 | 16,910 | 34 |
| Warren | 65 | 69 | 71 | 3.7 | 10,765 | 11,301 | 11,652 | 146 | De Witt | 271 | 289 | 300 | 3.9 | 16,332 | 17,484 | 18,053 | 19 |
| Washington | 270 | 287 | 297 | 3.7 | 14,087 | 14,996 | 15,431 | 37 | Douglas | 264 | 276 | 284 | 2.8 | 13,598 | 14,177 | 14,584 | 75 |
| Wayne | 277 | 290 | 314 | 8.1 | 12,406 | 12,973 | 13,481 | 93 | Du Page | 19,341 | 20,856 | 21,247 | 1.9 | 25,114 | 26,533 | 26,593 | 2 |
| Webster | 27 | 28 | 30 | 6.6 | 12,101 | 12,505 | 13,423 | 96 | Edgar | 294 | 293 | 292 | -3 | 14,901 | 14,991 | 14,888 | 68 |
| Wheeler | 54 | 55 | 59 | 7.2 | 10,844 | 11,343 | 12,144 | 136 | Edward | 111 | 109 | 108 | -3 | 14,722 | 14,656 | 14,586 | 73 |
| White | 182 | 201 | 213 | 5.8 | 14,269 | 15,348 | 15,885 | 28 | Effingham | 523 | 545 | 552 | 1.4 | 16,587 | 17,136 | 17,322 | 29 |
| Whitfield | 1,228 | 1,292 | 1,323 | 2.3 | 17,040 | 17,799 | 18,088 | 10 | Fayette | 257 | 258 | 265 | 2.7 | 12,294 | 12,359 | 12,761 | 95 |
| Wilcox | 86 | 91 | 103 | 13.2 | 12,233 | 12,978 | 14,628 | 60 | Ford | 233 | 253 | 255 | .8 | 16,280 | 17,749 | 18,154 | 17 |
| Wilkes | 149 | 158 | 159 | 4 | 14,002 | 14,968 | 14,990 | 49 | Franklin | 537 | 556 | 564 | 1.5 | 13,252 | 13,802 | 13,994 | 84 |
| Wilkinson | 140 | 147 | 154 | 4.8 | 13,670 | 14,358 | 15,036 | 47 | Fulton | 510 | 544 | 548 | 6 | 13,365 | 14,305 | 14,401 | 78 |
| Worth | 211 | 229 | 251 | 9.5 | 10,748 | 11,567 | 12,494 | 125 | Gallatin | 99 | 100 | 97 | -3.0 | 14,255 | 14,477 | 14,192 | 82 |
| Hawaii | 20,472 | 22,780 | 23,939 | 5.1 | 18,703 | 20,461 | 21,062 | ..... | Greene | 187 | 190 | 187 | -2.0 | 12,220 | 12,434 | 12,238 | 97 |
| Metropolitan portion | 16,270 | 17,992 | 18,841 | 4.7 | 19,638 | 21,440 | 22,102 | ..... | Grundy | 611 | 662 | 679 | 2.5 | 19,032 | 20,411 | 20,335 | 6 |
| Nonmetropolitan portion | 4,202 | 4,788 | 5,098 | 6.5 | 15,792 | 17,465 | 17,941 | ..... | Hamilton | 103 | 106 | 106 | -2 | 12,061 | 12,464 | 12,449 | 96 |
| Hawaii | 1,759 | 2,012 | 2,148 | 6.7 | 14,906 | 16,609 | 17,023 | 4 | Hancock | 298 | 305 | 323 | 5.8 | 13,829 | 14,301 | 15,077 | 66 |
| Honolulu | 16,270 | 17,992 | 18,841 | 4.7 | 19,638 | 21,440 | 22,102 | 1 | Hardin | 53 | 56 | 60 | 7.2 | 10,122 | 10,747 | 11,693 | 99 |
| Kauai | 789 | 872 | 940 | 7.8 | 15,751 | 16,913 | 17,682 | 3 | Henderson | 110 | 112 | 112 | .1 | 13,534 | 13,864 | 13,680 | 89 |
| Maui + Kalawao | 1,654 | 1,904 | 2,010 | 5.6 | 16,879 | 18,768 | 19,179 | 2 | Henry | 755 | 803 | 813 | 1.2 | 14,630 | 15,741 | 15,864 | 51 |
| Idaho | 14,055 | 15,309 | 15,975 | 4.3 | 14,134 | 15,137 | 15,366 | ..... | Iroquois | 475 | 510 | 513 | .7 | 15,384 | 16,577 | 16,561 | 40 |
| Metropolitan portion | 4,665 | 5,098 | 5,466 | 7.2 | 16,070 | 17,116 | 17,625 | ..... | Jackson | 754 | 773 | 801 | 3.7 | 12,341 | 12,654 | 13,146 | 94 |
| Nonmetropolitan portion | 9,390 | 10,211 | 10,510 | 2.9 | 13,336 | 14,311 | 14,405 | ..... | Jasper | 151 | 154 | 154 | -2 | 14,232 | 14,566 | 14,560 | 76 |
| Ada | 3,581 | 3,936 | 4,239 | 7.7 | 17,787 | 18,981 | 19,604 | 3 | Jefferson | 554 | 570 | 588 | 3.1 | 14,953 | 15,398 | 15,860 | 52 |
| Adams | 49 | 49 | 51 | 3.9 | 14,992 | 15,167 | 15,356 | 14 | Jersey | 263 | 295 | 300 | 2.0 | 13,068 | 14,309 | 14,461 | 77 |
| Bannock | 806 | 860 | 904 | 5.1 | 12,319 | 12,998 | 13,503 | 23 | Jo Daviess | 342 | 360 | 367 | 2.2 | 15,635 | 16,494 | 16,684 | 37 |
| Bear Lake | 66</ | | | | | | | | | | | | | | | | |

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1989-91—Continued

| Area name | Total personal income | | | | Per capita personal income ³ | | | | Area name | Total personal income | | | | Per capita personal income ³ | | | |
|--------------------------------|-----------------------|---------------|---------------|-----------------------------|---|---------------|---------------|---------------|--------------------------------|-----------------------|---------------|---------------|-----------------------------|---|---------------|---------------|---------------|
| | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State | | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State |
| | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | | | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | |
| Macon | 1,998 | 2,093 | 2,152 | 2.9 | 16,893 | 17,898 | 18,258 | 15 | Jennings | 297 | 318 | 333 | 4.8 | 12,626 | 13,393 | 13,798 | 76 |
| Macoupin | 706 | 746 | 759 | 1.8 | 14,793 | 15,634 | 15,795 | 53 | Johnson | 1,522 | 1,666 | 1,769 | 6.2 | 17,485 | 18,618 | 19,282 | 5 |
| Madison | 4,252 | 4,443 | 4,570 | 2.8 | 17,101 | 17,805 | 18,143 | 18 | Knox | 543 | 567 | 589 | 4.0 | 13,560 | 14,225 | 14,732 | 63 |
| Marion | 584 | 594 | 616 | 3.6 | 14,009 | 14,296 | 14,776 | 71 | Kosciusko | 1,095 | 1,154 | 1,168 | 1.2 | 16,832 | 17,606 | 17,870 | 12 |
| Marshall | 209 | 218 | 218 | 7.9 | 16,200 | 17,007 | 17,016 | 33 | Lagrange | 366 | 380 | 384 | 1.2 | 12,572 | 12,822 | 12,969 | 86 |
| Mason | 241 | 248 | 250 | 8 | 14,693 | 15,259 | 15,172 | 64 | Lake | 7,332 | 7,715 | 7,922 | 2.7 | 15,357 | 16,235 | 16,536 | 23 |
| Massac | 186 | 192 | 198 | 2.9 | 12,627 | 13,032 | 13,360 | 92 | La Porte | 1,682 | 1,767 | 1,816 | 2.7 | 15,732 | 16,494 | 16,785 | 21 |
| Menard | 182 | 194 | 195 | 1.0 | 16,312 | 17,335 | 17,290 | 30 | Lawrence | 584 | 616 | 645 | 4.7 | 13,920 | 14,354 | 14,985 | 56 |
| Mercer | 241 | 258 | 257 | -4 | 13,873 | 14,950 | 14,797 | 70 | Madison | 2,020 | 2,063 | 2,097 | 1.6 | 15,429 | 15,791 | 15,936 | 37 |
| Monroe | 430 | 451 | 462 | 2.4 | 19,414 | 19,999 | 20,103 | 8 | Marion | 14,330 | 15,311 | 16,034 | 4.7 | 18,067 | 19,166 | 19,863 | 3 |
| Montgomery | 429 | 441 | 449 | 1.8 | 13,917 | 14,363 | 14,616 | 72 | Marshall | 614 | 633 | 649 | 2.4 | 14,642 | 14,977 | 15,103 | 54 |
| Morgan | 577 | 598 | 613 | 2.4 | 15,828 | 16,441 | 16,795 | 35 | Martin | 130 | 139 | 143 | 3.1 | 12,506 | 13,370 | 13,761 | 79 |
| Moultrie | 203 | 210 | 211 | 4 | 14,512 | 15,107 | 15,160 | 65 | Miami | 498 | 521 | 532 | 2.2 | 13,454 | 14,128 | 14,270 | 70 |
| Ogle | 708 | 738 | 737 | -1 | 15,475 | 16,023 | 15,655 | 55 | Monroe | 1,461 | 1,574 | 1,647 | 4.6 | 13,535 | 14,391 | 14,957 | 57 |
| Peoria | 3,155 | 3,375 | 3,451 | 2.2 | 17,210 | 18,471 | 18,749 | 13 | Montgomery | 570 | 605 | 621 | 2.7 | 16,354 | 17,550 | 17,871 | 11 |
| Perry | 294 | 309 | 307 | -7 | 13,728 | 14,432 | 14,327 | 79 | Morgan | 803 | 883 | 930 | 5.3 | 14,513 | 15,726 | 16,265 | 27 |
| Platt | 270 | 278 | 280 | 1.0 | 17,323 | 17,663 | 17,866 | 21 | Newton | 197 | 208 | 198 | -4.6 | 14,527 | 15,355 | 14,404 | 68 |
| Pike | 231 | 235 | 244 | 4.0 | 13,092 | 13,363 | 13,931 | 85 | Noble | 530 | 567 | 577 | 1.7 | 14,123 | 14,923 | 15,091 | 55 |
| Pope | 43 | 43 | 44 | 1.4 | 9,905 | 9,910 | 9,961 | 101 | Ohio | 66 | 71 | 76 | 7.1 | 12,469 | 13,356 | 14,282 | 69 |
| Pulaski | 91 | 90 | 91 | 1.2 | 12,038 | 11,961 | 12,231 | 98 | Orange | 226 | 232 | 238 | 2.6 | 12,276 | 12,610 | 12,784 | 87 |
| Putnam | 108 | 111 | 115 | 3.2 | 18,737 | 19,477 | 20,007 | 9 | Owen | 216 | 234 | 247 | 5.5 | 12,634 | 13,462 | 13,959 | 73 |
| Randolph | 480 | 492 | 497 | 1.1 | 13,891 | 14,209 | 14,323 | 80 | Parke | 210 | 222 | 226 | 1.4 | 13,562 | 14,450 | 14,488 | 67 |
| Richland | 237 | 243 | 251 | 3.5 | 14,207 | 14,710 | 15,067 | 67 | Perry | 237 | 247 | 252 | 2.1 | 12,402 | 12,895 | 13,219 | 85 |
| Rock Island | 2,477 | 2,645 | 2,721 | 2.9 | 16,502 | 17,828 | 18,159 | 16 | Pike | 176 | 185 | 189 | 2.1 | 13,969 | 14,849 | 15,300 | 52 |
| St. Clair | 4,031 | 4,201 | 4,305 | 2.5 | 15,333 | 16,976 | 16,391 | 43 | Porter | 2,130 | 2,298 | 2,358 | 2.6 | 16,849 | 17,711 | 17,806 | 14 |
| Saline | 403 | 422 | 437 | 3.5 | 15,081 | 15,932 | 16,519 | 41 | Posey | 389 | 401 | 408 | 1.8 | 15,034 | 15,476 | 15,755 | 38 |
| Sangamon | 3,266 | 3,481 | 3,600 | 3.4 | 18,352 | 19,487 | 19,981 | 10 | Pulaski | 198 | 208 | 200 | -4.0 | 15,637 | 16,456 | 15,636 | 40 |
| Schuyler | 104 | 101 | 100 | -5 | 13,804 | 13,477 | 13,288 | 93 | Putnam | 408 | 436 | 456 | 4.6 | 13,506 | 14,351 | 14,663 | 64 |
| Scott | 87 | 84 | 84 | -1.0 | 15,409 | 14,963 | 14,925 | 69 | Randolph | 348 | 358 | 364 | 1.8 | 12,748 | 13,197 | 13,387 | 84 |
| Shelby | 330 | 340 | 343 | 1.1 | 14,799 | 15,259 | 15,390 | 61 | Ripley | 362 | 385 | 401 | 4.2 | 14,717 | 15,631 | 15,969 | 36 |
| Stark | 103 | 108 | 102 | -4.9 | 15,623 | 16,503 | 15,941 | 49 | Rush | 263 | 277 | 283 | 2.1 | 14,445 | 15,296 | 15,585 | 42 |
| Stephenson | 828 | 850 | 857 | 8 | 17,216 | 17,677 | 17,763 | 23 | St. Joseph | 4,054 | 4,256 | 4,384 | 3.0 | 16,487 | 17,193 | 17,625 | 17 |
| Tazewell | 2,096 | 2,198 | 2,248 | 2.3 | 16,921 | 17,769 | 18,030 | 20 | Scott | 241 | 257 | 272 | 5.9 | 11,569 | 12,210 | 12,688 | 88 |
| Union | 236 | 242 | 259 | 7.0 | 13,368 | 13,734 | 14,585 | 74 | Shelby | 610 | 654 | 675 | 3.3 | 15,206 | 16,179 | 16,534 | 24 |
| Vermilion | 1,270 | 1,297 | 1,338 | 3.2 | 14,324 | 14,704 | 15,195 | 63 | Spencer | 269 | 285 | 291 | 2.0 | 13,800 | 14,622 | 14,832 | 61 |
| Wabash | 200 | 208 | 210 | 1.1 | 15,196 | 15,877 | 16,008 | 48 | Stark | 269 | 277 | 277 | -2 | 11,945 | 12,143 | 12,143 | 90 |
| Warren | 264 | 275 | 272 | -1.2 | 13,660 | 14,380 | 14,131 | 83 | Steuben | 460 | 485 | 498 | 2.5 | 16,980 | 17,594 | 17,779 | 15 |
| Washington | 267 | 262 | 259 | -1.2 | 17,858 | 17,513 | 17,446 | 28 | Sullivan | 270 | 280 | 290 | 3.4 | 14,113 | 14,791 | 15,273 | 53 |
| Wayne | 234 | 226 | 235 | 3.8 | 13,541 | 13,136 | 13,798 | 88 | Switzerland | 77 | 82 | 87 | 6.1 | 9,993 | 10,585 | 11,188 | 92 |
| White | 256 | 262 | 269 | 2.6 | 15,382 | 15,887 | 16,385 | 44 | Tipton | 1,916 | 2,055 | 2,141 | 4.2 | 14,777 | 15,692 | 16,185 | 29 |
| Whiteside | 908 | 969 | 989 | 2.1 | 15,018 | 16,112 | 16,318 | 45 | Union | 92 | 97 | 97 | -2 | 13,227 | 13,921 | 13,790 | 77 |
| Will | 6,334 | 6,761 | 6,956 | 2.9 | 17,899 | 18,851 | 18,939 | 12 | Vanderburgh | 2,789 | 2,965 | 3,058 | 3.1 | 16,900 | 17,954 | 18,425 | 10 |
| Williamson | 812 | 855 | 889 | 4.0 | 14,108 | 14,791 | 15,324 | 62 | Vermillion | 231 | 242 | 248 | 2.5 | 13,730 | 14,443 | 14,950 | 59 |
| Winnebago | 4,483 | 4,599 | 4,732 | 2.9 | 17,374 | 18,161 | 18,399 | 14 | Vigo | 1,506 | 1,568 | 1,648 | 5.1 | 14,147 | 14,790 | 15,382 | 48 |
| Woodford | 524 | 578 | 589 | 1.9 | 16,112 | 17,685 | 17,688 | 24 | Wabash | 507 | 528 | 536 | 1.6 | 14,485 | 15,041 | 15,348 | 50 |
| Indiana | 88,205 | 93,384 | 96,451 | 3.3 | 15,968 | 16,814 | 17,193 | | Warren | 121 | 124 | 109 | -11.8 | 14,671 | 15,181 | 13,393 | 83 |
| Metropolitan portion | 65,422 | 69,490 | 72,031 | 3.7 | 16,586 | 17,502 | 17,942 | | Warrick | 766 | 823 | 854 | 3.8 | 17,169 | 18,265 | 18,602 | 9 |
| Nonmetropolitan portion | 22,783 | 23,894 | 24,420 | 2.2 | 14,426 | 15,092 | 15,308 | | Washington | 272 | 292 | 303 | 3.8 | 11,599 | 12,276 | 12,597 | 89 |
| Adams | 426 | 452 | 457 | 1.0 | 13,828 | 14,490 | 14,549 | 66 | Wayne | 1,040 | 1,078 | 1,104 | 2.4 | 14,456 | 14,978 | 15,322 | 51 |
| Allen | 5,476 | 5,712 | 5,805 | 1.6 | 18,324 | 18,936 | 19,135 | 7 | Wells | 393 | 420 | 427 | 1.5 | 15,364 | 16,118 | 16,416 | 25 |
| Bartholomew | 1,040 | 1,080 | 1,116 | 3.3 | 16,349 | 16,959 | 17,213 | 19 | White | 349 | 363 | 360 | -8 | 15,041 | 15,592 | 15,428 | 46 |
| Benton | 152 | 156 | 141 | -9.6 | 16,090 | 16,499 | 14,952 | 58 | Whitley | 421 | 442 | 450 | 1.8 | 15,346 | 15,919 | 16,035 | 34 |
| Blackford | 202 | 210 | 214 | 1.8 | 14,208 | 14,987 | 15,376 | 49 | Iowa | 43,947 | 46,842 | 48,224 | 2.9 | 15,862 | 16,848 | 17,251 | |
| Boone | 781 | 845 | 853 | 9 | 20,585 | 22,111 | 22,641 | 2 | Metropolitan portion | 20,313 | 21,820 | 22,697 | 4.0 | 17,039 | 18,136 | 18,678 | |
| Brown | 172 | 189 | 196 | 3.7 | 12,366 | 13,360 | 13,645 | 82 | Nonmetropolitan portion | 23,633 | 25,023 | 25,527 | 2.0 | 14,973 | 15,866 | 16,154 | |
| Carroll | 300 | 312 | 316 | 1.3 | 15,976 | 16,575 | 16,565 | 22 | Adair | 132 | 137 | 139 | 1.6 | 15,559 | 16,270 | 16,461 | 38 |
| Cass | 591 | 608 | 617 | 1.4 | 15,375 | 15,828 | 16,018 | 35 | Adams | 72 | 77 | 76 | -1.2 | 14,739 | 15,813 | 16,054 | 46 |
| Clark | 1,286 | 1,363 | 1,427 | 4.7 | 14,673 | 15,514 | 16,051 | 33 | Allamakee | 189 | 203 | 198 | -2.5 | 13,645 | 14,686 | 14,267 | 90 |
| Clay | 326 | 336 | 349 | 3.9 | 13,239 | 13,579 | 14,063 | 72 | Appanoose | 181 | 192 | 199 | 4.0 | 13,193 | 13,938 | 14,451 | 87 |
| Clinton | 469 | 498 | 509 | 2.3 | 15,192 | 16,059 | 16,180 | 30 | Audubon | 103 | 108 | 112 | 4.1 | 13,929 | 14,740 | 15,451 | 69 |
| Crawford | 107 | 112 | 116 | 4.0 | 10,819 | 11,297 | 11,753 | 91 | Benton | 339 | 360 | 362 | 6 | 15,182 | 16,003 | 16,033 | 47 |
| Daviess | 360 | 373 | 381 | 1.9 | 13,075 | 13,554 | 13,710 | 80 | Black Hawk | 1,850 | 1,973 | 2,046 | 3.7 | 14,900 | 15,941 | 16,390 | 41 |
| Dearborn | 557 | 591 | 621 | 5.1 | 14,493 | 15,166 | 15,538 | 44 | Boone | 409 | 421 | 441 | 4.7 | 16,282 | 16,689 | 17,361 | 16 |
| Decatur | 353 | 371 | 386 | 4.0 | 14,979 | 15,649 | 16,099 | 31 | Bremer | 333 | 358 | 365 | 2.2 | 14,540 | 15,679 | 15,956 | 49 |
| De Kalb | 520 | 540 | 553 | 2.4 | 14,874 | 15,235 | 15,386 | 47 | Buchanan | 281 | 310 | 317 | 2.4 | 13,494 | 14,844 | 15,121 | 79 |
| Delaware | 1,740 | 1,849 | 1,927 | 4.2 | 14,500 | 15,455 | 16,080 | 32 | Buena Vista | 317 | 324 | 334 | 3.0 | 15,876 | 16,216 | 16,650 | 33 |
| Dubois | 651 | 691 | 706 | 2.3 | 17,915 | 18,807 | 18,920 | 8 | Butler | 206 | 227 | 233 | 2.4 | 13,064 | 14,472 | 14,673 | 84 |
| Elkhart | 2,518 | 2,803 | 2,857 | 2.1 | 16,321 | 16,585 | 16,857 | 20 | Calhoun | 180 | 179 | 181 | 1.2 | 15,597 | 15,543 | 15,652 | 60 |
| Fayette | 373 | 383 | 385 | 5 | 14,255 | 14,739 | 14,789 | 62 | Carroll | 357 | 376 | 390 | 3.8 | 16,654 | 17,518 | 18,178 | 10 |
| Floyd | 1,036 | 1,102 | 1,161 | 5.3 | 16,205 | 17,062 | 17,542 | 18 | Cass | 246 | 252 | 259 | 2.6 | 16,207 | 16,703 | 17,192 | 20 |
| Fountain | 252 | 263 | 254 | -3.4 | 14,119 | 14,787 | 14,230 | 71 | Cedar | 27 | | | | | | | |

SURVEY OF CURRENT BUSINESS

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1989-91—Continued

| Area name | Total personal income | | | | Per capita personal income ³ | | | | Area name | Total personal income | | | | Per capita personal income ³ | | | |
|-------------------------|-----------------------|--------|--------|-----------------------------|---|--------|--------|---------------|---------------|-----------------------|-------|-------|-----------------------------|---|--------|--------|---------------|
| | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State | | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State |
| | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | | | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | |
| Emmet | 155 | 164 | 163 | -5 | 13,386 | 14,163 | 14,006 | 93 | Cowley | 540 | 548 | 567 | 3.5 | 14,624 | 14,841 | 15,531 | 65 |
| Fayette | 287 | 314 | 316 | -7 | 13,036 | 14,396 | 14,380 | 89 | Crawford | 502 | 543 | 568 | 4.7 | 13,993 | 15,298 | 15,965 | 55 |
| Floyd | 237 | 256 | 256 | -1 | 13,801 | 15,040 | 15,174 | 76 | Decatur | 69 | 76 | 78 | 2.5 | 16,946 | 18,898 | 20,008 | 8 |
| Franklin | 156 | 165 | 163 | -1.1 | 13,641 | 14,515 | 14,423 | 88 | Dickinson | 251 | 280 | 281 | 2 | 13,184 | 14,798 | 14,923 | 77 |
| Fremont | 141 | 143 | 152 | 6.1 | 17,060 | 17,385 | 18,593 | 7 | Doniphan | 106 | 116 | 126 | 8.4 | 12,906 | 14,296 | 15,472 | 66 |
| Greene | 162 | 158 | 165 | 4.4 | 15,957 | 15,761 | 16,334 | 42 | Douglas | 1,087 | 1,158 | 1,219 | 5.3 | 13,494 | 14,078 | 14,590 | 91 |
| Grundy | 190 | 206 | 213 | 3.1 | 15,671 | 17,193 | 17,764 | 12 | Edwards | 61 | 71 | 71 | -7 | 15,845 | 18,835 | 19,240 | 18 |
| Guthrie | 162 | 170 | 177 | 3.9 | 14,742 | 15,588 | 15,868 | 53 | Elk | 50 | 47 | 48 | 9 | 14,735 | 14,205 | 14,864 | 80 |
| Hamilton | 296 | 292 | 309 | 6.1 | 18,423 | 18,137 | 19,206 | 3 | Ellis | 374 | 409 | 424 | 3.5 | 14,258 | 15,785 | 16,410 | 46 |
| Hancock | 178 | 193 | 182 | -5.8 | 14,125 | 15,271 | 14,544 | 86 | Ellsworth | 96 | 99 | 97 | -2.2 | 12,958 | 15,026 | 14,786 | 83 |
| Hardin | 292 | 312 | 316 | 1.4 | 15,166 | 16,376 | 16,643 | 34 | Finney | 472 | 497 | 537 | 8.0 | 14,480 | 14,941 | 16,081 | 53 |
| Harrison | 205 | 218 | 226 | 3.5 | 13,920 | 14,821 | 15,372 | 71 | Ford | 418 | 460 | 467 | 1.5 | 15,267 | 16,733 | 16,880 | 36 |
| Henry | 294 | 324 | 333 | 2.5 | 15,421 | 16,815 | 17,169 | 21 | Franklin | 302 | 326 | 336 | 3.1 | 13,768 | 14,812 | 15,166 | 72 |
| Howard | 144 | 155 | 154 | -4 | 14,598 | 15,773 | 15,512 | 64 | Geary | 355 | 380 | 379 | -2 | 11,666 | 12,466 | 12,997 | 105 |
| Humboldt | 179 | 174 | 170 | -2.1 | 16,538 | 16,172 | 15,933 | 50 | Gove | 63 | 71 | 63 | -11.1 | 19,080 | 22,163 | 19,343 | 15 |
| Ia | 132 | 137 | 136 | -2 | 15,741 | 16,333 | 16,433 | 40 | Graham | 47 | 55 | 52 | -5.2 | 13,013 | 15,644 | 14,813 | 82 |
| Iowa | 223 | 239 | 244 | 2.0 | 15,272 | 16,310 | 16,478 | 36 | Grant | 115 | 127 | 134 | 5.1 | 16,072 | 17,746 | 18,072 | 25 |
| Jackson | 274 | 292 | 291 | -2 | 13,661 | 14,635 | 14,615 | 85 | Gray | 80 | 93 | 95 | 2.5 | 14,869 | 17,171 | 17,721 | 28 |
| Jasper | 579 | 608 | 616 | 1.3 | 16,706 | 17,434 | 17,742 | 13 | Greeley | 45 | 50 | 53 | 5.6 | 25,220 | 28,105 | 30,028 | 1 |
| Jefferson | 232 | 249 | 251 | .8 | 14,328 | 15,206 | 15,348 | 72 | Greenwood | 108 | 115 | 119 | 3.4 | 13,602 | 14,699 | 14,995 | 76 |
| Johnson | 1,593 | 1,721 | 1,801 | 4.7 | 16,862 | 17,790 | 18,524 | 8 | Hamilton | 45 | 53 | 65 | 21.9 | 18,393 | 22,256 | 27,786 | 2 |
| Jones | 247 | 263 | 263 | .2 | 12,709 | 13,500 | 13,459 | 96 | Harper | 110 | 116 | 116 | -3.9 | 15,328 | 17,003 | 16,514 | 42 |
| Keokuk | 166 | 174 | 176 | 1.2 | 14,220 | 14,954 | 15,103 | 80 | Harvey | 446 | 469 | 500 | 6.6 | 14,353 | 15,100 | 16,076 | 54 |
| Kossuth | 279 | 285 | 277 | -2.7 | 14,890 | 15,372 | 15,157 | 77 | Haskell | 69 | 79 | 76 | -3.4 | 17,721 | 20,302 | 19,343 | 16 |
| Lee | 561 | 592 | 611 | 3.1 | 14,444 | 15,313 | 15,647 | 61 | Hodgeman | 32 | 38 | 33 | -11.7 | 14,344 | 17,445 | 14,921 | 78 |
| Linn | 2,976 | 3,142 | 3,256 | 3.6 | 17,764 | 18,559 | 19,079 | 4 | Jackson | 159 | 172 | 177 | 3.1 | 13,739 | 14,936 | 15,383 | 69 |
| Louisa | 171 | 185 | 182 | -1.6 | 14,806 | 15,904 | 15,654 | 59 | Jefferson | 228 | 248 | 253 | 2.0 | 14,413 | 15,539 | 15,817 | 57 |
| Lucas | 132 | 138 | 143 | 3.7 | 14,513 | 15,230 | 15,621 | 62 | Jewell | 52 | 69 | 57 | -18.0 | 12,045 | 16,347 | 13,759 | 99 |
| Lyon | 171 | 177 | 184 | 4.0 | 14,312 | 14,838 | 15,468 | 67 | Johnson | 6,592 | 9,472 | 9,885 | 4.4 | 24,687 | 26,481 | 27,097 | 3 |
| Madison | 197 | 207 | 213 | 2.5 | 15,881 | 16,562 | 16,928 | 29 | Kearny | 67 | 89 | 79 | -11.7 | 16,892 | 22,033 | 19,734 | 10 |
| Mahaska | 307 | 328 | 335 | 2.1 | 14,313 | 15,232 | 15,593 | 63 | Kingman | 67 | 127 | 128 | .7 | 12,773 | 15,355 | 15,419 | 68 |
| Marion | 484 | 510 | 526 | 3.0 | 16,284 | 16,947 | 17,358 | 17 | Kiowa | 57 | 67 | 66 | -3 | 15,453 | 18,289 | 18,556 | 21 |
| Marshall | 623 | 653 | 677 | 3.7 | 16,242 | 17,055 | 17,683 | 14 | Labette | 335 | 345 | 365 | 5.9 | 14,023 | 14,598 | 15,437 | 67 |
| Mills | 236 | 255 | 267 | 4.8 | 17,983 | 19,235 | 19,997 | 2 | Lane | 46 | 46 | 49 | 6.2 | 19,175 | 19,598 | 21,161 | 7 |
| Mitchell | 171 | 184 | 182 | -1.0 | 15,596 | 16,831 | 16,683 | 32 | Leavenworth | 863 | 929 | 962 | 5.7 | 13,580 | 14,358 | 14,672 | 87 |
| Monona | 150 | 151 | 150 | -7 | 14,859 | 15,115 | 15,046 | 81 | Lincoln | 47 | 61 | 55 | -9.8 | 12,773 | 16,744 | 15,568 | 62 |
| Monroe | 112 | 122 | 126 | 3.0 | 13,784 | 15,104 | 15,434 | 70 | Linn | 104 | 110 | 115 | 4.0 | 12,597 | 13,374 | 13,671 | 101 |
| Montgomery | 191 | 195 | 200 | 2.7 | 15,755 | 16,163 | 16,738 | 31 | Logan | 45 | 48 | 51 | 5.2 | 14,528 | 15,759 | 16,576 | 40 |
| Muscataine | 678 | 727 | 745 | 2.4 | 17,048 | 18,185 | 18,354 | 9 | Lyon | 503 | 516 | 543 | 5.2 | 14,435 | 14,880 | 15,688 | 61 |
| O'Brien | 242 | 256 | 263 | 2.7 | 15,629 | 16,559 | 16,967 | 28 | McPherson | 421 | 462 | 471 | 1.8 | 15,389 | 16,971 | 17,296 | 33 |
| Osceola | 103 | 109 | 114 | 4.1 | 14,062 | 15,055 | 15,720 | 57 | Marion | 163 | 177 | 178 | .4 | 12,528 | 13,772 | 13,872 | 96 |
| Page | 246 | 259 | 267 | 3.4 | 14,543 | 15,347 | 15,929 | 52 | Marshall | 168 | 194 | 187 | -3.4 | 14,154 | 16,622 | 16,250 | 48 |
| Palo Alto | 152 | 163 | 164 | .6 | 14,117 | 15,336 | 15,482 | 66 | Meade | 68 | 79 | 83 | 5.3 | 15,779 | 18,636 | 19,313 | 17 |
| Plymouth | 362 | 388 | 406 | 4.6 | 15,538 | 16,552 | 17,330 | 18 | Miami | 334 | 349 | 358 | 2.7 | 14,329 | 14,817 | 15,054 | 75 |
| Pocahontas | 160 | 152 | 153 | .9 | 16,539 | 15,966 | 16,210 | 44 | Mitchell | 90 | 120 | 109 | -9.2 | 12,308 | 16,676 | 15,061 | 73 |
| Polk | 6,226 | 6,760 | 7,062 | 4.5 | 19,283 | 20,561 | 21,190 | 1 | Montgomery | 542 | 573 | 590 | 3.0 | 13,855 | 14,798 | 15,202 | 70 |
| Pottawattamie | 1,238 | 1,316 | 1,364 | 3.6 | 15,017 | 15,909 | 16,453 | 39 | Morris | 76 | 84 | 83 | -1.8 | 12,295 | 13,619 | 13,146 | 104 |
| Poweshiek | 303 | 319 | 323 | 1.2 | 16,016 | 16,700 | 17,024 | 26 | Morton | 53 | 60 | 62 | 3.6 | 15,298 | 17,282 | 18,352 | 23 |
| Ringgold | 73 | 73 | 74 | .9 | 13,451 | 13,571 | 13,745 | 95 | Nemaha | 162 | 186 | 189 | 1.7 | 15,387 | 17,870 | 18,095 | 24 |
| Sac | 178 | 187 | 189 | 8 | 14,420 | 15,203 | 15,507 | 65 | Neosho | 239 | 256 | 272 | 6.3 | 13,904 | 15,090 | 15,861 | 56 |
| Scott | 2,587 | 2,782 | 2,878 | 3.4 | 17,155 | 18,413 | 18,772 | 5 | Ness | 68 | 82 | 77 | -6.2 | 16,437 | 20,462 | 19,235 | 19 |
| Shelby | 211 | 225 | 234 | 4.2 | 15,913 | 17,004 | 17,599 | 15 | Norton | 83 | 96 | 94 | -1.9 | 13,798 | 16,168 | 16,110 | 52 |
| Sioux | 419 | 448 | 464 | 3.6 | 14,058 | 14,943 | 15,342 | 73 | Osage | 209 | 224 | 231 | 3.3 | 13,739 | 14,654 | 14,921 | 79 |
| Story | 1,082 | 1,143 | 1,189 | 4.0 | 14,660 | 15,356 | 15,848 | 54 | Osborne | 68 | 85 | 77 | -9.0 | 13,629 | 17,478 | 15,538 | 63 |
| Tama | 255 | 273 | 274 | .5 | 14,584 | 15,683 | 15,791 | 55 | Ottawa | 71 | 82 | 77 | -6.1 | 12,597 | 14,584 | 13,761 | 98 |
| Taylor | 90 | 94 | 98 | 3.9 | 12,472 | 13,282 | 13,814 | 94 | Pawnee | 122 | 133 | 136 | 2.2 | 16,010 | 17,659 | 17,832 | 26 |
| Union | 181 | 192 | 195 | 2.1 | 14,170 | 15,019 | 15,462 | 68 | Phillips | 96 | 110 | 109 | -1.3 | 14,495 | 16,743 | 16,759 | 37 |
| Van Buren | 93 | 101 | 103 | 1.3 | 12,131 | 13,197 | 13,242 | 98 | Pottawattamie | 216 | 232 | 242 | 4.2 | 13,505 | 14,369 | 14,702 | 86 |
| Wapello | 498 | 528 | 547 | 3.7 | 13,874 | 14,813 | 15,299 | 74 | Pratt | 144 | 163 | 170 | 4.6 | 14,623 | 16,870 | 17,706 | 29 |
| Warren | 547 | 598 | 625 | 4.4 | 15,074 | 16,628 | 17,105 | 24 | Rawlins | 49 | 59 | 53 | -9.7 | 14,020 | 17,428 | 15,794 | 59 |
| Washington | 286 | 314 | 322 | 2.3 | 14,665 | 15,991 | 16,117 | 45 | Reno | 960 | 1,009 | 1,039 | 2.9 | 15,289 | 16,206 | 16,615 | 38 |
| Wayne | 94 | 98 | 99 | .8 | 13,244 | 13,893 | 14,028 | 92 | Republic | 91 | 95 | 94 | -1.9 | 13,857 | 14,768 | 14,604 | 90 |
| Webster | 624 | 650 | 678 | 4.3 | 15,398 | 16,131 | 16,799 | 30 | Rice | 147 | 167 | 168 | .7 | 13,700 | 15,793 | 16,140 | 49 |
| Winnebago | 193 | 201 | 195 | -2.7 | 15,957 | 16,547 | 16,294 | 43 | Riley | 832 | 887 | 908 | 2.4 | 12,384 | 13,212 | 14,122 | 94 |
| Winneshiek | 286 | 318 | 318 | .1 | 13,719 | 15,224 | 15,249 | 75 | Rooks | 74 | 86 | 84 | -2.3 | 12,046 | 14,278 | 13,780 | 97 |
| Woodbury | 1,523 | 1,627 | 1,692 | 4.0 | 15,574 | 16,520 | 17,042 | 25 | Rush | 49 | 64 | 62 | -4.3 | 12,446 | 16,916 | 16,122 | 50 |
| Worth | 121 | 129 | 124 | -3.5 | 15,025 | 16,119 | 15,737 | 56 | Russell | 124 | 139 | 136 | -2.5 | 15,448 | 17,862 | 17,321 | 32 |
| Wright | 252 | 244 | 243 | -6 | 17,536 | 17,143 | 17,140 | 23 | Saline | 826 | 896 | 935 | 4.4 | 16,735 | 18,169 | 18,630 | 20 |
| Kansas | 40,841 | 44,072 | 45,675 | 3.6 | 16,516 | 17,768 | 18,306 | ..... | Scott | 91 | 109 | 115 | 5.2 | 16,924 | 20,695 | 21,784 | 6 |
| Metropolitan portion | 24,399 | 26,201 | 27,440 | 4.7 | 18,462 | 19,590 | 20,238 | ..... | Sadgwick | 7,193 | 7,663 | 8,083 | 5.5 | 17,926 | 18,937 | 19,666 | 12 |
| Nonmetropolitan portion | 16,442 | 17,871 | 18,235 | 2.0 | 14,281 | 15,636 | 16,005 | ..... | Seward | 276 | 298 | 333 | 11.5 | 14,706 | 15,923 | 17,827 | 27 |
| Allen | 185 | 197 | 198 | .6 | 12,454 | 13,501 | 13,530 | 103 | Shawnee | 2,916 | 3,044 | 3,166 | 4.0 | 18,159 | 18,887 | 19,476 | 13 |
| Anderson | 107 | 110 | 113 | 2.8 | 13,633 | 14,105 | 14,538 | 92 | Sheridan | 44 | 50 | 52 | 2.9 | 14,063 | 16,576 | 17,419 | 31 |
| Atchison | 229 | 243 | 249 | | | | | | | | | | | | | | |

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1989-91—Continued

| Area name | Total personal income | | | | Per capita personal income ³ | | | | Area name | Total personal income | | | | Per capita personal income ³ | | | |
|--------------------------------------|-----------------------|---------------|---------------|-----------------------------|---|---------------|---------------|---------------|--------------------------------------|-----------------------|---------------|---------------|-----------------------------|---|---------------|---------------|---------------|
| | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State | | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State |
| | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | | | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | |
| Kentucky | 51,475 | 55,287 | 58,014 | 4.9 | 13,998 | 14,984 | 15,626 | ..... | Monroe | 130 | 138 | 149 | 7.8 | 11,356 | 12,156 | 13,097 | 61 |
| Metropolitan portion | 28,613 | 30,721 | 32,014 | 4.2 | 16,395 | 17,458 | 18,093 | ..... | Montgomery | 237 | 253 | 264 | 4.4 | 12,112 | 12,923 | 13,526 | 52 |
| Nonmetropolitan portion | 22,862 | 24,566 | 26,000 | 5.8 | 11,833 | 12,728 | 13,380 | ..... | Morgan | 97 | 111 | 124 | 11.6 | 8,279 | 9,548 | 10,375 | 107 |
| Adair | 165 | 183 | 195 | 6.8 | 10,741 | 11,879 | 12,599 | 69 | Muhlenberg | 356 | 380 | 397 | 4.3 | 11,334 | 12,156 | 12,667 | 67 |
| Allen | 163 | 170 | 178 | 5.1 | 11,180 | 11,586 | 12,201 | 76 | Nelson | 401 | 441 | 462 | 4.8 | 13,593 | 14,804 | 15,187 | 24 |
| Anderson | 195 | 209 | 225 | 7.3 | 13,549 | 14,300 | 14,834 | 32 | Nicholas | 81 | 88 | 95 | 8.9 | 12,038 | 13,013 | 14,075 | 39 |
| Ballard | 117 | 124 | 126 | 2.0 | 14,760 | 15,707 | 15,934 | 19 | Ohio | 226 | 245 | 257 | 4.9 | 10,693 | 11,603 | 12,081 | 81 |
| Barren | 415 | 437 | 468 | 7.0 | 12,272 | 12,821 | 13,639 | 51 | Oldham | 683 | 721 | 755 | 4.8 | 21,024 | 21,472 | 21,523 | 2 |
| Bath | 102 | 113 | 120 | 6.2 | 10,487 | 11,668 | 12,361 | 74 | Owen | 94 | 106 | 115 | 8.4 | 10,391 | 11,735 | 12,369 | 73 |
| Bell | 317 | 334 | 354 | 5.7 | 10,003 | 10,628 | 11,374 | 93 | Owsley | 38 | 42 | 47 | 11.7 | 7,510 | 8,413 | 9,127 | 116 |
| Boone | 962 | 1,054 | 1,103 | 4.6 | 17,082 | 18,156 | 18,200 | 7 | Pendleton | 134 | 147 | 163 | 11.2 | 11,324 | 12,116 | 13,145 | 58 |
| Bourbon | 260 | 281 | 292 | 4.1 | 13,514 | 14,577 | 15,131 | 26 | Perry | 376 | 408 | 426 | 4.5 | 12,282 | 13,499 | 13,843 | 47 |
| Boyd | 782 | 814 | 846 | 3.9 | 15,224 | 15,939 | 16,534 | 13 | Pike | 876 | 964 | 1,022 | 6.0 | 11,911 | 13,328 | 13,972 | 42 |
| Boyle | 345 | 374 | 388 | 3.5 | 13,536 | 14,572 | 15,044 | 29 | Powell | 110 | 114 | 121 | 5.9 | 9,416 | 9,768 | 10,404 | 106 |
| Bracken | 80 | 89 | 96 | 8.7 | 10,406 | 11,387 | 12,179 | 78 | Pulaski | 595 | 659 | 700 | 6.2 | 12,073 | 13,291 | 13,884 | 44 |
| Breathitt | 149 | 170 | 176 | 3.3 | 9,456 | 10,873 | 11,827 | 85 | Robertson | 21 | 23 | 25 | 9.1 | 10,081 | 10,659 | 11,444 | 92 |
| Breckinridge | 182 | 196 | 205 | 4.5 | 11,135 | 11,992 | 12,483 | 72 | Rockcastle | 139 | 150 | 162 | 7.7 | 9,418 | 10,129 | 10,800 | 103 |
| Bullitt | 616 | 669 | 712 | 6.4 | 13,095 | 14,002 | 14,479 | 36 | Rowan | 196 | 214 | 233 | 9.1 | 9,718 | 10,455 | 11,283 | 95 |
| Butler | 117 | 120 | 127 | 5.8 | 10,434 | 10,654 | 11,232 | 97 | Russell | 170 | 184 | 194 | 5.5 | 11,629 | 12,443 | 12,920 | 64 |
| Caldwell | 151 | 158 | 164 | 3.7 | 11,442 | 11,941 | 12,552 | 71 | Scott | 377 | 410 | 434 | 6.0 | 15,996 | 17,088 | 17,804 | 8 |
| Calloway | 405 | 428 | 458 | 7.1 | 13,367 | 13,843 | 14,827 | 33 | Shelby | 386 | 415 | 435 | 4.9 | 15,712 | 16,637 | 17,187 | 11 |
| Campbell | 1,252 | 1,338 | 1,382 | 3.3 | 15,007 | 15,917 | 16,425 | 14 | Simpson | 192 | 194 | 204 | 5.1 | 12,701 | 12,823 | 13,196 | 57 |
| Carlisle | 63 | 65 | 65 | 4.2 | 12,050 | 12,344 | 12,311 | 75 | Spencer | 78 | 85 | 91 | 6.6 | 11,611 | 12,463 | 13,119 | 60 |
| Carroll | 125 | 134 | 144 | 6.9 | 13,500 | 14,422 | 15,120 | 28 | Taylor | 264 | 275 | 291 | 5.8 | 12,536 | 12,994 | 13,640 | 50 |
| Carter | 232 | 255 | 275 | 8.1 | 9,511 | 10,463 | 11,104 | 98 | Todd | 125 | 128 | 134 | 4.6 | 11,391 | 11,680 | 12,177 | 79 |
| Casey | 133 | 147 | 163 | 10.7 | 9,329 | 10,377 | 11,473 | 91 | Trigg | 128 | 134 | 140 | 5.1 | 12,414 | 12,855 | 13,373 | 54 |
| Christian | 755 | 766 | 795 | 3.8 | 11,012 | 11,089 | 11,944 | 82 | Trimble | 86 | 84 | 91 | 8.9 | 14,073 | 13,767 | 14,692 | 34 |
| Clark | 392 | 427 | 450 | 5.5 | 13,384 | 14,437 | 15,175 | 25 | Union | 236 | 246 | 252 | 2.4 | 14,174 | 14,895 | 15,298 | 22 |
| Clay | 184 | 185 | 205 | 10.7 | 8,428 | 8,520 | 9,319 | 115 | Warren | 1,059 | 1,131 | 1,208 | 6.8 | 13,804 | 14,750 | 15,570 | 21 |
| Clinton | 77 | 84 | 94 | 11.5 | 8,366 | 9,202 | 10,175 | 109 | Washington | 126 | 138 | 143 | 3.8 | 12,150 | 13,201 | 13,679 | 49 |
| Crittenden | 96 | 100 | 105 | 4.8 | 10,418 | 10,836 | 11,296 | 94 | Wayne | 154 | 168 | 181 | 7.7 | 8,846 | 9,621 | 10,281 | 108 |
| Cumberland | 62 | 67 | 73 | 8.5 | 9,044 | 9,969 | 10,828 | 101 | Webster | 223 | 240 | 261 | 8.9 | 15,877 | 17,210 | 18,847 | 5 |
| Davies | 1,294 | 1,377 | 1,437 | 4.4 | 14,892 | 15,765 | 16,387 | 15 | Whitley | 380 | 409 | 438 | 7.0 | 11,377 | 12,279 | 13,047 | 62 |
| Edmonson | 77 | 84 | 92 | 8.6 | 7,416 | 8,175 | 8,840 | 118 | Wolfe | 54 | 58 | 68 | 15.8 | 8,273 | 8,999 | 9,899 | 111 |
| Elliott | 47 | 50 | 57 | 13.5 | 7,245 | 7,800 | 8,695 | 120 | Woodford | 410 | 430 | 446 | 3.6 | 20,842 | 21,459 | 21,893 | 1 |
| Estill | 139 | 151 | 163 | 7.5 | 9,531 | 10,345 | 10,874 | 100 | Louisiana | 56,286 | 60,220 | 64,035 | 6.3 | 13,235 | 14,300 | 15,054 | ..... |
| Fayette | 4,030 | 4,369 | 4,559 | 4.3 | 18,145 | 19,283 | 19,964 | 4 | Metropolitan portion | 44,471 | 47,439 | 50,198 | 5.8 | 14,235 | 15,326 | 16,034 | ..... |
| Fleming | 131 | 141 | 147 | 4.1 | 10,648 | 11,484 | 11,807 | 86 | Nonmetropolitan portion | 11,815 | 12,782 | 13,837 | 8.3 | 10,466 | 11,455 | 12,320 | ..... |
| Floyd | 502 | 538 | 569 | 5.6 | 11,368 | 12,401 | 12,995 | 63 | Acadia | 562 | 593 | 641 | 8.0 | 9,959 | 10,643 | 11,347 | 52 |
| Franklin | 685 | 733 | 774 | 5.7 | 15,721 | 16,695 | 17,661 | 9 | Allen | 189 | 199 | 219 | 9.9 | 8,810 | 9,393 | 10,288 | 61 |
| Fulton | 110 | 111 | 115 | 3.7 | 13,242 | 13,404 | 14,048 | 40 | Ascension | 719 | 797 | 876 | 10.0 | 12,375 | 13,677 | 14,763 | 12 |
| Gallatin | 66 | 71 | 77 | 8.2 | 12,468 | 13,098 | 14,044 | 41 | Assumption | 232 | 250 | 267 | 6.8 | 10,118 | 11,004 | 11,769 | 48 |
| Garrard | 147 | 161 | 171 | 5.9 | 12,745 | 13,898 | 14,380 | 38 | Avoyelles | 345 | 394 | 407 | 3.3 | 8,724 | 10,091 | 10,454 | 60 |
| Grant | 188 | 208 | 225 | 8.3 | 12,154 | 13,123 | 13,860 | 45 | Beauregard | 349 | 375 | 401 | 7.0 | 11,512 | 12,483 | 12,964 | 29 |
| Graves | 463 | 470 | 504 | 7.3 | 13,889 | 13,972 | 14,976 | 30 | Bienville | 178 | 188 | 200 | 6.4 | 11,079 | 11,794 | 12,530 | 37 |
| Grayson | 217 | 235 | 252 | 7.3 | 10,367 | 11,123 | 11,693 | 88 | Bossier | 1,114 | 1,189 | 1,266 | 6.5 | 12,875 | 13,830 | 14,673 | 13 |
| Green | 111 | 123 | 132 | 7.3 | 10,713 | 11,877 | 12,737 | 66 | Caddo | 3,766 | 3,919 | 4,108 | 4.8 | 15,035 | 15,828 | 16,668 | 7 |
| Greene | 492 | 531 | 554 | 4.3 | 13,348 | 14,456 | 15,125 | 27 | Calcasieu | 2,244 | 2,455 | 2,614 | 6.5 | 13,291 | 14,613 | 15,363 | 9 |
| Hancock | 111 | 120 | 124 | 3.5 | 14,061 | 15,267 | 15,901 | 20 | Caldwell | 104 | 113 | 120 | 6.1 | 10,400 | 11,594 | 12,294 | 39 |
| Hardin | 1,145 | 1,222 | 1,261 | 3.1 | 12,543 | 13,787 | 14,393 | 37 | Cameron | 107 | 116 | 122 | 5.0 | 11,396 | 12,548 | 13,125 | 27 |
| Hartan | 397 | 434 | 446 | 2.8 | 10,683 | 11,923 | 12,188 | 77 | Catahoula | 91 | 105 | 113 | 7.7 | 8,046 | 9,557 | 10,149 | 63 |
| Harrison | 197 | 213 | 228 | 6.7 | 12,217 | 13,097 | 13,849 | 46 | Claiborne | 184 | 192 | 201 | 4.6 | 10,438 | 11,060 | 11,600 | 49 |
| Hart | 153 | 168 | 181 | 7.8 | 10,215 | 11,320 | 11,840 | 84 | Concordia | 218 | 239 | 251 | 5.2 | 10,297 | 11,531 | 12,146 | 40 |
| Henderson | 641 | 682 | 701 | 2.8 | 14,971 | 15,817 | 16,188 | 17 | De Soto | 283 | 292 | 302 | 3.5 | 11,022 | 11,562 | 12,054 | 41 |
| Henry | 168 | 184 | 198 | 7.8 | 13,123 | 14,302 | 14,956 | 31 | East Baton Rouge | 6,173 | 6,587 | 7,019 | 6.5 | 16,155 | 17,353 | 18,148 | 1 |
| Hickman | 66 | 66 | 67 | 3.1 | 11,724 | 11,974 | 11,925 | 83 | East Carroll | 89 | 91 | 121 | 32.4 | 9,020 | 9,450 | 12,747 | 34 |
| Hopkins | 727 | 767 | 794 | 3.4 | 15,783 | 16,621 | 17,110 | 12 | East Feliciana | 205 | 227 | 250 | 10.2 | 10,621 | 11,822 | 12,883 | 31 |
| Jackson | 94 | 104 | 114 | 9.8 | 7,859 | 8,666 | 9,379 | 113 | Evangeline | 330 | 367 | 401 | 9.0 | 9,823 | 11,073 | 11,948 | 44 |
| Jefferson | 11,933 | 12,823 | 13,325 | 3.9 | 17,945 | 19,277 | 20,006 | 3 | Franklin | 190 | 215 | 243 | 13.3 | 8,402 | 9,627 | 10,987 | 55 |
| Jessamine | 432 | 479 | 507 | 5.9 | 14,370 | 15,611 | 16,149 | 18 | Grant | 166 | 181 | 193 | 6.5 | 9,462 | 10,357 | 11,001 | 54 |
| Johnson | 259 | 276 | 294 | 5.7 | 11,033 | 11,984 | 12,586 | 70 | Iberia | 779 | 843 | 906 | 7.5 | 11,346 | 12,367 | 13,127 | 26 |
| Kenton | 2,235 | 2,380 | 2,465 | 3.6 | 15,852 | 16,708 | 17,239 | 10 | Iberville | 364 | 401 | 425 | 6.0 | 11,573 | 12,968 | 13,694 | 20 |
| Knott | 155 | 164 | 176 | 7.1 | 8,644 | 9,182 | 9,740 | 112 | Jackson | 177 | 184 | 201 | 9.1 | 11,115 | 11,781 | 12,909 | 30 |
| Knox | 276 | 303 | 326 | 7.4 | 9,319 | 10,213 | 10,802 | | | | | | | | | | |

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1989–91—Continued

| Area name | Total personal income | | | | Per capita personal income ³ | | | | Area name | Total personal income | | | | Per capita personal income ³ | | | |
|-------------------------|-----------------------|----------------|----------------|-----------------------------|---|---------------|---------------|---------------|----------------|-----------------------|--------|--------|-----------------------------|---|--------|--------|---------------|
| | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State | | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State |
| | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | | | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | |
| St. Martin | 425 | 446 | 489 | 9.8 | 9,632 | 10,142 | 11,087 | 53 | Allegan | 1,377 | 1,476 | 1,522 | 3.1 | 15,407 | 16,231 | 16,507 | 25 |
| St. Mary | 665 | 712 | 750 | 5.4 | 11,235 | 12,326 | 12,878 | 32 | Alpena | 422 | 446 | 465 | 4.3 | 13,817 | 14,553 | 15,107 | 36 |
| St. Tammany | 2,277 | 2,457 | 2,642 | 7.5 | 15,862 | 16,958 | 17,531 | 2 | Antrim | 244 | 262 | 270 | 3.0 | 13,646 | 14,323 | 14,503 | 49 |
| Tangipahoa | 913 | 999 | 1,098 | 9.9 | 10,602 | 11,673 | 12,673 | 35 | Arenac | 190 | 199 | 208 | 4.4 | 12,841 | 13,303 | 13,471 | 65 |
| Tensas | 67 | 84 | 94 | 11.0 | 9,289 | 11,943 | 13,526 | 21 | Baraga | 95 | 101 | 107 | 6.1 | 11,905 | 12,705 | 13,368 | 68 |
| Terrebonne | 1,123 | 1,208 | 1,285 | 6.3 | 11,491 | 12,488 | 13,017 | 28 | Barry | 771 | 818 | 854 | 4.3 | 15,592 | 16,268 | 16,896 | 22 |
| Union | 239 | 257 | 275 | 7.0 | 11,427 | 12,442 | 13,276 | 24 | Bay | 1,733 | 1,818 | 1,877 | 3.2 | 15,505 | 16,269 | 16,790 | 23 |
| Vermilion | 553 | 601 | 635 | 5.7 | 10,973 | 12,028 | 12,658 | 36 | Benzie | 154 | 165 | 173 | 5.1 | 12,777 | 13,432 | 13,972 | 58 |
| Vernon | 577 | 627 | 688 | 9.6 | 9,355 | 10,109 | 10,695 | 57 | Berrien | 2,500 | 2,595 | 2,676 | 3.1 | 15,527 | 16,061 | 16,576 | 24 |
| Washington | 456 | 478 | 504 | 5.3 | 10,462 | 11,109 | 11,839 | 46 | Branch | 541 | 561 | 590 | 5.2 | 13,115 | 13,478 | 14,162 | 55 |
| Webster | 517 | 543 | 577 | 6.3 | 12,207 | 12,957 | 13,868 | 18 | Calhoun | 2,062 | 2,133 | 2,240 | 5.0 | 15,213 | 15,664 | 16,305 | 29 |
| West Baton Rouge | 246 | 263 | 279 | 5.9 | 12,585 | 13,578 | 14,209 | 16 | Cass | 751 | 776 | 802 | 3.4 | 15,273 | 15,639 | 16,286 | 30 |
| West Carroll | 96 | 109 | 128 | 17.1 | 7,853 | 9,040 | 10,541 | 58 | Charlevoix | 306 | 338 | 356 | 5.4 | 14,451 | 15,659 | 16,284 | 31 |
| West Feliciana | 114 | 125 | 132 | 5.5 | 8,785 | 9,695 | 10,207 | 62 | Cheboygan | 265 | 280 | 292 | 4.3 | 12,492 | 13,049 | 13,696 | 60 |
| Winn | 155 | 165 | 173 | 4.7 | 9,455 | 10,174 | 10,836 | 56 | Chippewa | 349 | 394 | 407 | 5.9 | 10,267 | 11,027 | 11,676 | 75 |
| Maine | 19,957 | 21,084 | 21,531 | 2.1 | 16,358 | 17,125 | 17,442 | ..... | Clare | 285 | 306 | 325 | 6.4 | 11,538 | 12,197 | 12,558 | 72 |
| Metropolitan portion | 8,685 | 9,162 | 9,319 | 1.7 | 17,670 | 18,458 | 18,792 | ..... | Clinton | 885 | 938 | 970 | 3.4 | 15,448 | 16,136 | 16,502 | 26 |
| Nonmetropolitan portion | 11,272 | 11,922 | 12,213 | 2.4 | 15,473 | 16,224 | 16,537 | ..... | Crawford | 117 | 128 | 137 | 6.3 | 9,802 | 10,382 | 10,822 | 83 |
| Androscoggin | 1,633 | 1,704 | 1,744 | 2.3 | 15,582 | 16,161 | 16,682 | 8 | Delta | 508 | 542 | 568 | 4.8 | 13,459 | 14,331 | 14,909 | 42 |
| Aroostook | 1,151 | 1,216 | 1,267 | 4.2 | 13,153 | 14,008 | 14,483 | 12 | Dickinson | 446 | 484 | 478 | -1.3 | 16,677 | 18,034 | 17,776 | 14 |
| Cumberland | 4,876 | 5,158 | 5,214 | 1.1 | 20,230 | 21,142 | 21,351 | 1 | Eaton | 1,535 | 1,637 | 1,705 | 4.1 | 16,669 | 17,569 | 18,058 | 12 |
| Franklin | 418 | 435 | 449 | 3.3 | 14,436 | 14,981 | 15,387 | 10 | Emmet | 431 | 464 | 486 | 4.8 | 17,414 | 18,467 | 18,949 | 9 |
| Hancock | 798 | 873 | 894 | 2.4 | 17,158 | 18,516 | 18,796 | 3 | Genesee | 6,963 | 7,209 | 7,532 | 4.5 | 16,168 | 16,743 | 17,459 | 18 |
| Kennebec | 1,893 | 2,012 | 2,074 | 3.1 | 16,428 | 17,320 | 17,712 | 6 | Gladwin | 261 | 280 | 296 | 5.6 | 12,077 | 12,740 | 13,130 | 71 |
| Knox | 591 | 624 | 639 | 2.3 | 16,359 | 17,159 | 17,398 | 7 | Gogebic | 219 | 234 | 256 | 9.2 | 12,073 | 12,991 | 14,155 | 56 |
| Lincoln | 555 | 587 | 589 | .3 | 18,508 | 19,247 | 19,330 | 2 | Grand Traverse | 1,017 | 1,098 | 1,158 | 5.5 | 16,124 | 16,966 | 17,588 | 17 |
| Oxford | 747 | 784 | 801 | 2.1 | 14,290 | 14,876 | 15,272 | 11 | Gratiot | 534 | 559 | 579 | 3.5 | 13,726 | 14,321 | 14,716 | 44 |
| Penobscot | 2,176 | 2,300 | 2,361 | 2.7 | 14,937 | 15,649 | 16,043 | 9 | Hillsdale | 600 | 635 | 650 | 2.5 | 13,908 | 14,571 | 14,772 | 43 |
| Piscataquis | 243 | 256 | 263 | 2.5 | 13,104 | 13,718 | 14,087 | 15 | Houghton | 425 | 457 | 485 | 6.2 | 11,910 | 12,915 | 13,601 | 62 |
| Sagadahoc | 585 | 616 | 621 | .9 | 17,616 | 18,290 | 18,416 | 4 | Huron | 547 | 558 | 578 | 3.6 | 15,637 | 15,957 | 16,445 | 27 |
| Somerset | 627 | 689 | 713 | 3.5 | 12,665 | 13,812 | 14,144 | 14 | Ingham | 4,692 | 4,894 | 5,079 | 3.8 | 16,707 | 17,329 | 17,947 | 13 |
| Waldo | 407 | 433 | 443 | 2.3 | 12,470 | 13,053 | 13,135 | 16 | Ionia | 695 | 730 | 758 | 3.8 | 12,338 | 12,744 | 13,171 | 70 |
| Washington | 448 | 476 | 509 | 6.9 | 12,725 | 13,456 | 14,250 | 13 | Iosco | 376 | 397 | 418 | 5.1 | 12,499 | 13,124 | 13,540 | 63 |
| York | 2,808 | 2,921 | 2,952 | 1.1 | 17,256 | 17,670 | 17,848 | 5 | Iron | 176 | 188 | 192 | 2.1 | 13,315 | 14,267 | 14,644 | 47 |
| Maryland | 98,915 | 105,236 | 108,363 | 3.0 | 20,924 | 21,915 | 22,304 | ..... | Isabella | 739 | 788 | 828 | 5.0 | 13,579 | 14,407 | 14,917 | 41 |
| Metropolitan portion | 93,468 | 99,407 | 102,291 | 2.9 | 21,297 | 22,299 | 22,687 | ..... | Jackson | 2,257 | 2,339 | 2,418 | 3.4 | 15,175 | 15,575 | 16,039 | 33 |
| Nonmetropolitan portion | 5,447 | 5,829 | 6,072 | 4.2 | 16,091 | 16,941 | 17,361 | ..... | Kalamazoo | 3,929 | 4,085 | 4,266 | 4.4 | 17,691 | 18,239 | 19,023 | 7 |
| Allegany | 1,043 | 1,097 | 1,144 | 4.3 | 13,907 | 14,638 | 15,241 | 21 | Kaibab | 133 | 144 | 156 | 8.2 | 10,031 | 10,574 | 11,161 | 82 |
| Anne Arundel | 9,206 | 9,793 | 10,010 | 2.2 | 21,768 | 22,835 | 23,056 | 5 | Kent | 8,826 | 9,326 | 9,638 | 3.3 | 17,816 | 18,555 | 18,989 | 8 |
| Baltimore | 15,474 | 16,394 | 16,698 | 1.9 | 22,506 | 23,625 | 23,836 | 4 | Keweenaw | 22 | 23 | 24 | 5.5 | 12,547 | 13,318 | 13,987 | 57 |
| Calvert | 1,031 | 1,124 | 1,198 | 6.5 | 20,654 | 21,663 | 21,972 | 7 | Lake | 86 | 92 | 99 | 7.7 | 10,107 | 10,651 | 11,200 | 81 |
| Caroline | 366 | 399 | 408 | 2.3 | 13,764 | 14,677 | 14,925 | 22 | Lapeer | 1,238 | 1,284 | 1,309 | 2.0 | 16,790 | 17,078 | 17,057 | 21 |
| Carroll | 2,555 | 2,812 | 2,899 | 3.1 | 21,111 | 22,636 | 22,777 | 6 | Leelanau | 273 | 292 | 304 | 4.2 | 16,768 | 17,564 | 18,122 | 11 |
| Cecil | 1,254 | 1,298 | 1,346 | 3.7 | 17,828 | 18,102 | 18,419 | 15 | Lenawee | 1,450 | 1,482 | 1,515 | 2.2 | 15,973 | 16,562 | 16,427 | 28 |
| Charles | 1,810 | 1,937 | 2,020 | 4.3 | 18,298 | 18,990 | 19,462 | 13 | Livingston | 2,318 | 2,443 | 2,498 | 2.2 | 20,448 | 20,970 | 20,979 | 3 |
| Dorchester | 476 | 502 | 518 | 3.1 | 15,792 | 16,581 | 17,157 | 18 | Luce | 99 | 105 | 114 | 8.4 | 17,060 | 18,190 | 19,717 | 6 |
| Frederick | 2,789 | 3,004 | 3,126 | 4.1 | 18,960 | 19,846 | 20,152 | 10 | Mackinac | 135 | 147 | 155 | 5.3 | 12,741 | 13,747 | 14,432 | 51 |
| Garrett | 350 | 376 | 392 | 4.1 | 12,522 | 13,330 | 13,635 | 23 | Macomb | 14,311 | 14,870 | 15,079 | 1.4 | 20,082 | 20,672 | 20,877 | 4 |
| Harford | 3,609 | 3,871 | 4,016 | 3.7 | 20,229 | 21,098 | 21,171 | 9 | Manistee | 286 | 304 | 325 | 6.9 | 13,442 | 14,288 | 15,104 | 37 |
| Howard | 4,867 | 5,273 | 5,401 | 2.4 | 26,801 | 27,834 | 27,919 | 2 | Marquette | 924 | 964 | 1,047 | 8.7 | 13,020 | 13,592 | 14,658 | 46 |
| Kent | 321 | 348 | 355 | 2.1 | 18,064 | 19,440 | 19,522 | 12 | Mason | 342 | 362 | 382 | 5.4 | 13,399 | 14,184 | 14,692 | 45 |
| Montgomery | 21,690 | 23,167 | 23,748 | 2.5 | 29,245 | 30,376 | 30,915 | 1 | Mecosta | 424 | 442 | 465 | 5.1 | 11,408 | 11,833 | 12,195 | 73 |
| Prince Georges | 13,517 | 14,294 | 14,857 | 3.9 | 18,712 | 19,531 | 19,993 | 11 | Menominee | 328 | 343 | 357 | 4.1 | 13,149 | 13,632 | 14,455 | 50 |
| Queen Annes | 673 | 731 | 742 | 1.6 | 20,289 | 21,348 | 21,424 | 8 | Midland | 1,432 | 1,500 | 1,544 | 2.9 | 19,115 | 19,748 | 20,155 | 5 |
| St. Marys | 1,184 | 1,267 | 1,350 | 6.5 | 15,863 | 16,569 | 17,196 | 17 | Missaukee | 135 | 138 | 142 | 3.1 | 11,311 | 11,268 | 11,422 | 78 |
| Somerset | 250 | 260 | 272 | 4.6 | 10,814 | 11,020 | 11,682 | 24 | Monroe | 2,198 | 2,284 | 2,321 | 1.6 | 16,562 | 17,052 | 17,266 | 19 |
| Talbot | 720 | 779 | 797 | 2.3 | 23,904 | 25,351 | 25,488 | 3 | Montcalm | 690 | 700 | 725 | 3.6 | 13,185 | 13,122 | 13,385 | 67 |
| Washington | 1,892 | 1,985 | 2,074 | 4.5 | 15,712 | 16,304 | 16,845 | 20 | Montmorency | 96 | 99 | 105 | 5.5 | 10,935 | 11,042 | 11,545 | 76 |
| Wicomico | 1,151 | 1,230 | 1,281 | 4.2 | 15,674 | 16,466 | 16,870 | 19 | Muskegon | 2,228 | 2,336 | 2,416 | 3.4 | 14,091 | 14,661 | 15,073 | 38 |
| Worcester | 630 | 670 | 700 | 4.5 | 18,103 | 19,070 | 19,253 | 14 | Newaygo | 489 | 537 | 565 | 5.2 | 12,948 | 13,998 | 14,394 | 53 |
| Baltimore City | 12,058 | 12,626 | 13,011 | 3.0 | 16,329 | 17,168 | 17,751 | 16 | Oakland | 27,956 | 29,390 | 29,781 | 1.3 | 26,067 | 27,016 | 27,070 | 1 |
| Massachusetts | 131,248 | 135,797 | 138,175 | 1.8 | 21,818 | 22,558 | 23,046 | ..... | Oceana | 313 | 326 | 341 | 4.3 | 14,041 | 14,493 | 14,954 | 40 |
| Metropolitan portion | 129,571 | 134,058 | 136,372 | 1.7 | 21,856 | 22,600 | 23,084 | | | | | | | | | | |

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1989–91—Continued

| Area name | Total personal income | | | | Per capita personal income ³ | | | | Area name | Total personal income | | | | Per capita personal income ³ | | | |
|-------------------|-----------------------|--------|--------|-----------------------------|---|--------|--------|---------------|-------------------------|-----------------------|--------|--------|-----------------------------|---|--------|--------|---------------|
| | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State | | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State |
| | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | | | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | |
| Bellamy | 410 | 447 | 475 | 6.2 | 12,033 | 12,950 | 13,436 | 77 | Mississippi | 30,778 | 32,692 | 34,538 | 5.6 | 11,956 | 12,700 | 13,318 | ..... |
| Benton | 409 | 426 | 443 | 4.0 | 13,765 | 14,034 | 14,273 | 68 | Metropolitan portion | 10,690 | 11,359 | 11,979 | 5.5 | 13,829 | 14,619 | 15,195 | ..... |
| Big Stone | 90 | 94 | 97 | 2.9 | 14,028 | 15,019 | 15,575 | 46 | Nonmetropolitan portion | 20,088 | 21,333 | 22,559 | 5.7 | 11,152 | 11,870 | 12,499 | ..... |
| Blue Earth | 773 | 808 | 826 | 2.3 | 14,275 | 14,947 | 15,173 | 55 | Adams | 434 | 459 | 479 | 4.2 | 12,123 | 13,040 | 13,528 | 16 |
| Brown | 428 | 440 | 451 | 2.5 | 15,841 | 16,320 | 16,720 | 19 | Alcorn | 384 | 410 | 431 | 5.1 | 12,053 | 12,934 | 13,342 | 18 |
| Carlton | 391 | 417 | 439 | 5.3 | 13,361 | 14,235 | 14,882 | 62 | Amite | 120 | 128 | 135 | 5.5 | 9,015 | 9,613 | 10,079 | 74 |
| Carver | 911 | 995 | 1,041 | 4.7 | 19,508 | 20,568 | 20,728 | 6 | Attala | 186 | 200 | 213 | 6.8 | 10,028 | 10,820 | 11,439 | 55 |
| Cass | 252 | 266 | 279 | 4.8 | 11,633 | 12,189 | 12,558 | 82 | Benton | 81 | 82 | 86 | 4.8 | 10,054 | 10,181 | 10,843 | 62 |
| Chippewa | 190 | 208 | 209 | .6 | 14,231 | 15,739 | 15,776 | 43 | Boivar | 422 | 447 | 499 | 11.7 | 9,976 | 10,707 | 12,030 | 43 |
| Chisago | 464 | 497 | 518 | 4.2 | 15,443 | 16,184 | 16,487 | 25 | Calhoun | 159 | 166 | 173 | 4.3 | 10,600 | 11,120 | 11,654 | 51 |
| Clay | 677 | 735 | 749 | 1.9 | 13,506 | 14,540 | 14,731 | 64 | Carroll | 86 | 93 | 99 | 6.3 | 9,305 | 10,046 | 10,544 | 71 |
| Clearwater | 92 | 96 | 101 | 4.5 | 11,025 | 11,578 | 12,248 | 84 | Chickasaw | 199 | 211 | 222 | 5.6 | 11,053 | 11,629 | 12,311 | 38 |
| Cook | 60 | 65 | 69 | 5.2 | 15,390 | 16,890 | 17,248 | 17 | Choctaw | 84 | 86 | 90 | 4.8 | 9,235 | 9,426 | 9,904 | 75 |
| Cottonwood | 205 | 203 | 201 | -.6 | 16,016 | 16,011 | 16,153 | 32 | Claiborne | 100 | 102 | 109 | 6.7 | 8,760 | 9,012 | 9,518 | 77 |
| Crow Wing | 620 | 663 | 702 | 5.8 | 14,104 | 14,958 | 15,416 | 49 | Clarke | 176 | 181 | 191 | 5.5 | 10,155 | 10,449 | 11,040 | 61 |
| Dakota | 5,439 | 5,796 | 6,087 | 5.0 | 20,384 | 20,826 | 21,294 | 3 | Clay | 244 | 256 | 271 | 5.9 | 11,546 | 12,115 | 12,674 | 28 |
| Dodge | 231 | 241 | 251 | 4.0 | 14,805 | 15,268 | 15,678 | 45 | Coahoma | 346 | 366 | 403 | 10.3 | 10,755 | 11,601 | 12,779 | 26 |
| Douglas | 383 | 407 | 423 | 3.9 | 13,405 | 14,171 | 14,523 | 65 | Copiah | 269 | 283 | 297 | 4.9 | 9,791 | 10,248 | 10,758 | 64 |
| Faribault | 267 | 264 | 257 | -2.6 | 15,580 | 15,658 | 15,401 | 50 | Covington | 161 | 165 | 176 | 6.3 | 9,773 | 9,986 | 10,653 | 67 |
| Fillmore | 295 | 307 | 317 | 3.2 | 14,183 | 14,799 | 15,366 | 51 | De Soto | 1,004 | 1,089 | 1,163 | 6.8 | 15,065 | 15,920 | 16,332 | 1 |
| Freeborn | 502 | 497 | 502 | 1.0 | 15,127 | 15,053 | 15,323 | 53 | Forrest | 855 | 895 | 935 | 4.5 | 12,528 | 13,090 | 13,549 | 15 |
| Goodhue | 647 | 687 | 712 | 3.7 | 16,024 | 16,833 | 17,320 | 16 | Franklin | 90 | 94 | 100 | 6.0 | 10,643 | 11,264 | 12,121 | 41 |
| Grant | 92 | 99 | 101 | 1.8 | 14,509 | 15,950 | 16,201 | 31 | George | 161 | 174 | 182 | 4.8 | 9,682 | 10,400 | 10,708 | 65 |
| Hennepin | 23,208 | 24,762 | 25,498 | 3.0 | 22,692 | 23,899 | 24,544 | 1 | Greene | 84 | 89 | 96 | 8.4 | 8,196 | 8,689 | 9,356 | 78 |
| Houston | 273 | 289 | 294 | 1.4 | 14,798 | 15,630 | 15,835 | 40 | Grenada | 267 | 266 | 284 | 6.8 | 12,432 | 12,299 | 12,997 | 21 |
| Hubbard | 176 | 187 | 197 | 5.2 | 11,845 | 12,474 | 12,879 | 81 | Hancock | 366 | 389 | 408 | 5.1 | 11,693 | 12,168 | 12,610 | 30 |
| Isanti | 364 | 380 | 397 | 4.5 | 14,185 | 14,597 | 14,954 | 61 | Harrison | 2,116 | 2,257 | 2,367 | 4.9 | 12,788 | 13,645 | 14,194 | 9 |
| Itasca | 515 | 543 | 575 | 5.8 | 12,557 | 13,309 | 13,947 | 70 | Hinds | 3,853 | 4,002 | 4,162 | 4.0 | 15,091 | 15,738 | 16,257 | 2 |
| Jackson | 186 | 185 | 179 | -3.5 | 15,742 | 15,946 | 15,339 | 52 | Holmes | 186 | 198 | 217 | 9.5 | 8,549 | 9,170 | 10,106 | 73 |
| Kanabec | 158 | 168 | 174 | 3.5 | 12,398 | 13,107 | 13,507 | 74 | Humphreys | 140 | 160 | 167 | 4.7 | 11,349 | 13,207 | 14,023 | 12 |
| Kandiyohi | 575 | 620 | 639 | 3.0 | 14,935 | 15,960 | 16,260 | 30 | Issaquena | 20 | 21 | 27 | 25.2 | 10,181 | 11,281 | 14,084 | 11 |
| Kittson | 103 | 115 | 92 | -20.4 | 17,759 | 20,069 | 16,064 | 35 | Itawamba | 214 | 226 | 234 | 3.5 | 10,653 | 11,309 | 11,709 | 50 |
| Koochiching | 201 | 232 | 228 | -1.5 | 12,257 | 14,222 | 14,299 | 66 | Jackson | 1,428 | 1,514 | 1,630 | 7.7 | 12,325 | 13,152 | 13,918 | 14 |
| Lac Qui Parle | 137 | 144 | 142 | -1.2 | 15,124 | 16,225 | 16,279 | 29 | Jasper | 165 | 171 | 181 | 5.4 | 9,649 | 10,016 | 10,631 | 68 |
| Lake | 116 | 133 | 140 | 5.5 | 11,008 | 12,815 | 13,485 | 75 | Jefferson | 68 | 68 | 73 | 6.6 | 7,814 | 7,915 | 8,655 | 82 |
| Lake of the Woods | 49 | 55 | 57 | 4.7 | 12,162 | 13,403 | 13,485 | 76 | Jefferson Davis | 116 | 120 | 126 | 4.9 | 8,233 | 8,536 | 9,076 | 80 |
| Le Sueur | 360 | 382 | 388 | 1.7 | 15,502 | 16,412 | 16,558 | 23 | Jones | 741 | 785 | 835 | 6.3 | 11,923 | 12,656 | 13,459 | 17 |
| Lincoln | 100 | 103 | 108 | 5.0 | 14,277 | 15,026 | 15,926 | 39 | Kemper | 91 | 94 | 100 | 6.3 | 8,765 | 9,039 | 9,610 | 76 |
| Lyon | 385 | 405 | 430 | 6.3 | 15,547 | 16,323 | 17,372 | 14 | Lafayette | 351 | 383 | 406 | 6.1 | 11,070 | 12,001 | 12,596 | 31 |
| McLeod | 499 | 518 | 538 | 3.9 | 15,724 | 16,111 | 16,673 | 20 | Lamar | 292 | 319 | 347 | 9.0 | 9,741 | 10,418 | 11,279 | 57 |
| Mahnomen | 54 | 62 | 57 | -7.9 | 10,656 | 12,348 | 11,353 | 87 | Lauderdale | 1,091 | 1,144 | 1,205 | 5.3 | 14,399 | 15,155 | 15,885 | 3 |
| Marshall | 151 | 173 | 147 | -15.1 | 13,531 | 15,825 | 13,549 | 73 | Lawrence | 127 | 132 | 139 | 5.7 | 10,133 | 10,598 | 11,230 | 58 |
| Martin | 388 | 399 | 387 | -3.1 | 16,798 | 17,477 | 18,870 | 18 | Leake | 207 | 214 | 231 | 8.0 | 11,226 | 11,613 | 12,527 | 33 |
| Meeker | 285 | 309 | 317 | 2.6 | 13,706 | 14,777 | 15,043 | 58 | Lee | 891 | 967 | 1,016 | 5.1 | 13,722 | 14,687 | 15,124 | 7 |
| Millie Lacs | 267 | 283 | 292 | 3.4 | 14,325 | 15,122 | 15,287 | 54 | Leflore | 431 | 464 | 489 | 5.5 | 11,357 | 12,485 | 13,021 | 20 |
| Morrison | 364 | 383 | 389 | 1.6 | 12,344 | 12,903 | 13,111 | 79 | Lincoln | 339 | 365 | 385 | 5.7 | 11,180 | 12,046 | 12,650 | 29 |
| Mower | 577 | 620 | 650 | 4.9 | 15,381 | 16,602 | 17,347 | 15 | Lowndes | 774 | 832 | 848 | 1.9 | 13,030 | 14,031 | 14,164 | 10 |
| Murray | 161 | 155 | 161 | 4.3 | 16,520 | 16,064 | 16,545 | 24 | Madison | 733 | 814 | 868 | 6.6 | 13,925 | 15,020 | 15,627 | 5 |
| Nicollet | 395 | 410 | 422 | 2.9 | 14,141 | 14,587 | 14,842 | 63 | Marion | 254 | 268 | 280 | 4.3 | 9,869 | 10,522 | 11,062 | 60 |
| Nobles | 340 | 344 | 355 | 3.2 | 16,849 | 17,124 | 17,708 | 11 | Marshall | 319 | 348 | 368 | 5.8 | 10,510 | 11,464 | 11,827 | 46 |
| Norman | 119 | 143 | 129 | -9.7 | 14,784 | 17,983 | 16,418 | 26 | Monroe | 431 | 456 | 473 | 3.6 | 11,789 | 12,471 | 12,881 | 23 |
| Olmsted | 2,037 | 2,213 | 2,330 | 5.3 | 19,392 | 20,680 | 21,354 | 2 | Montgomery | 124 | 132 | 139 | 4.9 | 9,921 | 10,703 | 11,341 | 56 |
| Otter Tail | 699 | 749 | 770 | 2.8 | 13,789 | 14,753 | 14,994 | 60 | Neshoba | 249 | 268 | 289 | 7.5 | 10,071 | 10,812 | 11,492 | 53 |
| Pennington | 189 | 213 | 213 | .1 | 14,107 | 16,012 | 15,808 | 41 | Newton | 243 | 254 | 265 | 4.3 | 11,985 | 12,520 | 12,872 | 24 |
| Pine | 231 | 242 | 252 | 4.4 | 10,980 | 11,331 | 11,681 | 86 | Noxubee | 99 | 106 | 113 | 6.3 | 7,818 | 8,460 | 9,055 | 81 |
| Pipestone | 160 | 163 | 173 | 6.1 | 15,173 | 15,591 | 16,578 | 21 | Okibbeha | 408 | 434 | 454 | 4.6 | 10,658 | 11,291 | 11,822 | 47 |
| Polk | 477 | 529 | 520 | -1.6 | 14,646 | 16,286 | 16,007 | 36 | Panola | 305 | 331 | 352 | 6.3 | 10,246 | 10,996 | 11,505 | 52 |
| Pope | 133 | 140 | 141 | .2 | 12,349 | 13,091 | 13,069 | 80 | Pearl River | 398 | 425 | 450 | 5.9 | 10,346 | 10,955 | 11,490 | 54 |
| Ramsey | 9,381 | 9,781 | 10,095 | 3.2 | 19,433 | 20,086 | 20,742 | 5 | Perry | 107 | 113 | 118 | 3.9 | 9,898 | 10,423 | 10,700 | 66 |
| Red Lake | 59 | 64 | 62 | -3.1 | 12,936 | 14,166 | 13,828 | 71 | Pike | 391 | 411 | 431 | 5.1 | 10,568 | 11,140 | 11,717 | 49 |
| Redwood | 265 | 268 | 272 | 1.7 | 15,247 | 15,559 | 15,781 | 42 | Pontotoc | 265 | 281 | 296 | 5.1 | 11,964 | 12,632 | 13,123 | 19 |
| Renville | 297 | 300 | 313 | 4.2 | 16,632 | 17,042 | 17,749 | 10 | Prentiss | 248 | 271 | 285 | 5.0 | 10,626 | 11,652 | 12,094 | 42 |
| Rice | 731 | 788 | 813 | 3.2 | 14,974 | 15,973 | 16,286 | 28 | Quitman | 101 | 102 | 107 | 4.5 | 9,487 | 9,761 | 10,263 | 72 |
| Rock | 162 | 162 | 162 | .1 | 16,407 | 16,575 | 16,575 | 22 | Rankin | 1,190 | 1,295 | 1,381 | 6.7 | 13,876 | 14,765 | 15,454 | 6 |
| Roseau | 224 | 249 | 240 | -3.8 | 15,211 | 16,468 | 15,526 | 47 | Scott | 305 | 321 | 348 | 8.5 | 12,609 | 13,294 | 14,441 | 8 |
| St. Louis | 2,872 | 3,030 | 3,177 | 4.8 | 14,417 | 15,307 | 15,986 | 37 | Sharkey | 66 | 75 | 84 | 11.7 | 9,221 | 10,692 | 11,946 | 44 |
| Scott | 1,043 | 1,127 | 1,186 | 5.2 | 18,497 | 19,303 | 19,689 | 8 | Simpson | 256 | 275 | 297 | 7.8 | 10,696 | 11,496 | 12,371 | 36 |
| Sherburne | 543 | 584 | 623 | 6.6 | 13,313 | 13,794 | 14,224 | 69 | Smith | 170 | 172 | 185 | 7.5 | 11,391 | 11,657 | 12,543 | 32 |
| Sibley | 220 | 222 | 221 | -.6 | 15,263 | 15,462 | 15,421 | 48 | Stone | 111 | 120 | 130 | 7.7 | 10,441 | 11,164 | 11,852 | 45 |
| Stearns | 1,663 | 1,759 | 1,815 | 3.2 | 14,138 | 14,756 | 15,077 | 56 | Sunflower | 343 | 370 | 404 | 9.2 | 10,326 | 11,295 | 12,244 | 39 |
| Steele | 502 | 528 | 541 | 2.4 | 16,413 | 17,164 | 17,498 | 12 | Tallahatchie | 139 | 152 | 163 | 7.2 | | | | |

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1989–91—Continued

| Area name | Total personal income | | | | Per capita personal income ³ | | | | Area name | Total personal income | | | | Per capita personal income ³ | | | |
|--------------------------------------|-----------------------|---------------|---------------|-----------------------------|---|---------------|---------------|---------------|--------------------------------------|-----------------------|---------------|---------------|-----------------------------|---|---------------|---------------|---------------|
| | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State | | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State |
| | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | | | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | |
| Missouri | 84,546 | 88,936 | 92,733 | 4.3 | 16,591 | 17,347 | 17,980 | ..... | Putnam | 62 | 63 | 66 | 5.6 | 11,976 | 12,348 | 13,125 | 79 |
| Metropolitan portion | 63,894 | 67,233 | 69,822 | 3.9 | 18,400 | 19,216 | 19,836 | ..... | Ralls | 121 | 126 | 130 | 3.2 | 14,256 | 14,894 | 15,333 | 34 |
| Nonmetropolitan portion | 20,652 | 21,703 | 22,911 | 5.6 | 12,721 | 13,332 | 13,992 | ..... | Randolph | 316 | 316 | 326 | 3.2 | 12,909 | 12,989 | 13,654 | 70 |
| Adair | 306 | 325 | 341 | 5.1 | 12,437 | 13,214 | 13,944 | 64 | Ray | 324 | 325 | 334 | 2.6 | 14,802 | 14,777 | 15,254 | 36 |
| Andrew | 200 | 214 | 223 | 4.3 | 13,687 | 14,623 | 15,109 | 37 | Reynolds | 67 | 73 | 79 | 8.8 | 10,057 | 10,956 | 11,816 | 100 |
| Atchison | 96 | 117 | 123 | 5.3 | 12,797 | 15,691 | 16,508 | 15 | Ripley | 110 | 117 | 127 | 9.3 | 8,985 | 9,469 | 10,236 | 112 |
| Audrain | 332 | 340 | 355 | 4.6 | 13,979 | 14,412 | 14,998 | 40 | St. Charles | 3,755 | 4,031 | 4,194 | 4.0 | 18,179 | 18,727 | 19,151 | 4 |
| Barry | 353 | 379 | 407 | 7.2 | 12,987 | 13,700 | 14,540 | 44 | St. Clair | 92 | 95 | 100 | 5.5 | 10,915 | 11,187 | 11,895 | 99 |
| Barton | 159 | 156 | 162 | 3.9 | 14,108 | 13,751 | 14,149 | 59 | St. Genevieve | 226 | 236 | 240 | 1.6 | 14,145 | 14,673 | 14,932 | 41 |
| Bates | 215 | 214 | 222 | 3.5 | 14,291 | 14,256 | 14,606 | 43 | St. Louis | 22,494 | 23,865 | 24,442 | 2.4 | 22,712 | 23,985 | 24,521 | 1 |
| Benton | 146 | 155 | 167 | 7.2 | 10,664 | 11,166 | 11,793 | 102 | Saline | 340 | 353 | 378 | 7.1 | 14,397 | 15,038 | 16,359 | 17 |
| Bollinger | 110 | 114 | 121 | 5.5 | 10,388 | 10,737 | 11,304 | 106 | Schuyler | 52 | 54 | 57 | 5.7 | 12,077 | 12,811 | 13,630 | 72 |
| Boone | 1,798 | 1,922 | 2,046 | 6.5 | 16,114 | 17,055 | 17,782 | 7 | Scotland | 59 | 61 | 65 | 6.1 | 12,057 | 12,650 | 13,517 | 74 |
| Buchanan | 1,272 | 1,326 | 1,389 | 4.8 | 15,264 | 15,972 | 16,713 | 13 | Scott | 518 | 539 | 560 | 3.7 | 13,183 | 13,688 | 14,270 | 54 |
| Butler | 450 | 489 | 537 | 9.7 | 11,652 | 12,595 | 13,617 | 73 | Shannon | 63 | 65 | 71 | 8.4 | 8,219 | 8,558 | 9,249 | 115 |
| Caldwell | 110 | 112 | 114 | 2.1 | 13,168 | 13,346 | 13,638 | 71 | Shelby | 100 | 103 | 107 | 3.5 | 14,280 | 14,924 | 15,569 | 28 |
| Callaway | 465 | 487 | 511 | 5.0 | 14,245 | 14,807 | 15,382 | 31 | Stoddard | 368 | 380 | 395 | 3.9 | 12,761 | 13,158 | 13,706 | 69 |
| Camden | 377 | 404 | 422 | 4.4 | 13,937 | 14,610 | 15,033 | 39 | Stone | 246 | 270 | 288 | 6.7 | 13,081 | 14,066 | 14,537 | 45 |
| Cape Girardeau | 959 | 1,000 | 1,043 | 4.3 | 15,628 | 16,192 | 16,701 | 14 | Sullivan | 77 | 77 | 85 | 9.7 | 11,957 | 12,284 | 13,460 | 76 |
| Carroll | 146 | 146 | 151 | 3.2 | 13,438 | 13,657 | 14,229 | 55 | Taney | 357 | 396 | 424 | 7.2 | 14,158 | 15,410 | 16,013 | 22 |
| Carter | 50 | 53 | 58 | 10.3 | 9,045 | 9,569 | 10,224 | 113 | Texas | 233 | 244 | 256 | 4.9 | 10,858 | 11,360 | 11,766 | 103 |
| Cass | 1,024 | 1,077 | 1,130 | 5.0 | 16,365 | 16,753 | 17,134 | 9 | Vernon | 263 | 270 | 289 | 7.0 | 13,781 | 14,185 | 15,048 | 38 |
| Cedar | 139 | 146 | 153 | 5.2 | 11,490 | 12,031 | 12,661 | 87 | Warren | 301 | 313 | 329 | 5.4 | 15,732 | 15,884 | 16,308 | 18 |
| Chariton | 126 | 125 | 132 | 5.5 | 13,550 | 13,630 | 14,528 | 46 | Washington | 203 | 220 | 236 | 7.4 | 10,094 | 10,734 | 11,558 | 104 |
| Christian | 442 | 469 | 509 | 8.4 | 13,982 | 14,208 | 14,670 | 42 | Wayne | 107 | 115 | 127 | 9.8 | 9,376 | 9,961 | 10,606 | 111 |
| Clark | 82 | 85 | 89 | 5.3 | 10,767 | 11,230 | 11,799 | 101 | Webster | 267 | 281 | 293 | 4.2 | 11,385 | 11,931 | 12,228 | 97 |
| Clay | 2,728 | 2,815 | 2,934 | 4.2 | 17,988 | 18,270 | 18,770 | 6 | Worth | 29 | 31 | 32 | 5.0 | 11,685 | 12,600 | 13,037 | 81 |
| Clinton | 243 | 253 | 263 | 4.1 | 14,755 | 15,183 | 15,602 | 25 | Wright | 177 | 184 | 190 | 3.2 | 10,628 | 10,961 | 11,232 | 107 |
| Cole | 969 | 1,045 | 1,102 | 5.4 | 15,281 | 16,423 | 16,974 | 10 | St. Louis City | 6,896 | 7,210 | 7,567 | 5.0 | 17,143 | 18,250 | 19,295 | 3 |
| Cooper | 194 | 198 | 213 | 7.4 | 13,020 | 13,353 | 14,207 | 56 | Montana | 11,318 | 11,720 | 12,686 | 8.2 | 14,154 | 14,663 | 15,680 | ..... |
| Crawford | 254 | 264 | 279 | 5.9 | 12,328 | 13,721 | 14,174 | 58 | Metropolitan portion | 3,005 | 3,135 | 3,386 | 8.0 | 15,688 | 16,410 | 17,404 | ..... |
| Dade | 91 | 92 | 94 | 2.7 | 12,303 | 12,298 | 12,606 | 88 | Nonmetropolitan portion | 8,313 | 8,585 | 9,300 | 8.3 | 13,672 | 14,115 | 15,134 | ..... |
| Dallas | 141 | 149 | 160 | 7.1 | 11,215 | 11,763 | 12,264 | 96 | Beaverhead | 108 | 114 | 123 | 8.6 | 12,882 | 13,481 | 14,561 | 38 |
| Davies | 92 | 95 | 98 | 3.0 | 11,632 | 12,073 | 12,279 | 95 | Big Horn | 135 | 143 | 144 | 4 | 11,842 | 12,657 | 12,522 | 52 |
| De Kalb | 99 | 102 | 107 | 4.2 | 10,085 | 10,224 | 10,689 | 110 | Blaine | 87 | 82 | 72 | -12.6 | 12,894 | 12,231 | 10,534 | 56 |
| Dent | 176 | 186 | 196 | 5.6 | 12,853 | 13,582 | 14,298 | 52 | Broadwater | 38 | 40 | 43 | 6.7 | 11,579 | 12,255 | 12,789 | 48 |
| Douglas | 112 | 114 | 119 | 4.8 | 9,432 | 9,567 | 10,060 | 114 | Carbon | 113 | 115 | 124 | 8.0 | 14,003 | 14,116 | 15,519 | 29 |
| Dunklin | 360 | 379 | 424 | 11.7 | 10,823 | 11,470 | 12,931 | 83 | Carter | 24 | 21 | 23 | -11.3 | 15,749 | 14,218 | 16,431 | 17 |
| Franklin | 1,267 | 1,330 | 1,393 | 4.7 | 15,830 | 16,452 | 16,956 | 11 | Cascade | 1,212 | 1,256 | 1,343 | 7.0 | 15,567 | 16,170 | 17,104 | 9 |
| Gasconade | 207 | 220 | 227 | 3.2 | 14,906 | 15,581 | 16,127 | 21 | Chouteau | 98 | 95 | 109 | 14.9 | 17,868 | 17,390 | 20,035 | 4 |
| Gentry | 87 | 90 | 98 | 8.4 | 12,574 | 13,221 | 14,346 | 51 | Custer | 168 | 174 | 186 | 7.3 | 14,233 | 14,888 | 15,987 | 23 |
| Greene | 3,242 | 3,485 | 3,685 | 5.7 | 15,742 | 16,698 | 17,449 | 8 | Daniels | 33 | 34 | 44 | 27.8 | 14,504 | 15,107 | 20,440 | 3 |
| Grundy | 137 | 139 | 146 | 5.3 | 12,867 | 13,192 | 13,796 | 67 | Dawson | 129 | 127 | 141 | 10.6 | 13,109 | 13,522 | 15,069 | 33 |
| Harrison | 110 | 113 | 120 | 6.4 | 12,856 | 13,379 | 14,196 | 57 | Deer Lodge | 117 | 123 | 129 | 5.2 | 11,184 | 11,990 | 12,703 | 49 |
| Henry | 262 | 271 | 281 | 3.6 | 13,083 | 13,522 | 13,856 | 65 | Fallon | 48 | 46 | 51 | 10.9 | 15,145 | 15,053 | 16,490 | 16 |
| Hickory | 73 | 78 | 84 | 7.4 | 10,025 | 10,554 | 10,931 | 109 | Fergus | 167 | 169 | 171 | .8 | 13,726 | 14,047 | 13,762 | 42 |
| Holt | 76 | 80 | 86 | 7.8 | 12,430 | 13,260 | 14,437 | 48 | Flathead | 850 | 901 | 968 | 7.4 | 14,483 | 15,169 | 15,910 | 24 |
| Howard | 121 | 126 | 136 | 7.9 | 12,499 | 13,077 | 14,084 | 62 | Gallatin | 678 | 722 | 792 | 9.7 | 13,598 | 14,246 | 15,256 | 32 |
| Howell | 363 | 386 | 416 | 7.8 | 11,641 | 12,220 | 12,958 | 82 | Garfield | 26 | 26 | 23 | -11.1 | 16,422 | 16,579 | 15,744 | 26 |
| Iron | 114 | 122 | 130 | 6.9 | 10,690 | 11,349 | 12,117 | 98 | Glacier | 146 | 134 | 158 | 17.7 | 12,114 | 11,029 | 13,137 | 46 |
| Jackson | 11,262 | 11,620 | 12,067 | 3.8 | 17,824 | 18,329 | 19,019 | 5 | Golden Valley | 14 | 13 | 15 | 12.3 | 14,696 | 14,463 | 16,427 | 18 |
| Jasper | 1,271 | 1,344 | 1,419 | 5.6 | 14,126 | 14,825 | 15,588 | 26 | Granite | 35 | 36 | 39 | 9.5 | 13,722 | 14,124 | 15,505 | 30 |
| Jefferson | 2,584 | 2,715 | 2,829 | 4.2 | 15,280 | 15,764 | 16,194 | 20 | Hill | 233 | 243 | 273 | 12.5 | 13,147 | 13,748 | 15,477 | 31 |
| Johnson | 491 | 511 | 535 | 4.7 | 11,692 | 11,968 | 12,384 | 94 | Jefferson | 120 | 122 | 131 | 7.4 | 15,173 | 15,356 | 16,223 | 19 |
| Knox | 57 | 55 | 56 | .7 | 12,667 | 12,401 | 12,509 | 90 | Judith Basin | 34 | 32 | 33 | 3.8 | 14,657 | 14,127 | 14,612 | 37 |
| Laclede | 348 | 364 | 378 | 3.9 | 12,874 | 13,370 | 13,817 | 66 | Lake | 246 | 260 | 279 | 7.6 | 11,780 | 12,298 | 12,875 | 47 |
| Lafayette | 485 | 498 | 522 | 5.0 | 15,681 | 15,964 | 16,746 | 12 | Lewis and Clark | 724 | 752 | 809 | 7.5 | 15,359 | 15,788 | 16,761 | 13 |
| Lawrence | 388 | 405 | 431 | 6.3 | 12,865 | 13,388 | 14,123 | 60 | Liberty | 43 | 45 | 52 | 15.1 | 18,485 | 19,539 | 22,753 | 1 |
| Lewis | 120 | 128 | 135 | 5.6 | 11,656 | 12,497 | 13,119 | 80 | Lincoln | 206 | 214 | 222 | 3.4 | 11,781 | 12,261 | 12,675 | 50 |
| Lincoln | 408 | 433 | 456 | 5.3 | 14,440 | 14,886 | 15,264 | 35 | McCone | 34 | 29 | 29 | .1 | 14,886 | 12,746 | 13,327 | 44 |
| Linn | 181 | 187 | 200 | 6.5 | 12,899 | 13,518 | 14,353 | 50 | Madison | 70 | 71 | 77 | 8.7 | 11,838 | 11,840 | 12,636 | 51 |
| Livingston | 210 | 214 | 222 | 3.5 | 14,346 | 14,696 | 15,357 | 33 | Meagher | 22 | 24 | 27 | 13.8 | 11,896 | 13,013 | 14,635 | 36 |
| McDonald | 190 | 198 | 214 | 7.9 | 11,349 | 11,648 | 12,498 | 92 | Mineral | 38 | 39 | 41 | 5.1 | 11,159 | 11,8 | | |

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1989-91—Continued

| Area name | Total personal income | | | | Per capita personal income ³ | | | | Area name | Total personal income | | | | Per capita personal income ³ | | | |
|--------------------------------------|-----------------------|---------------|---------------|-----------------------------|---|---------------|---------------|---------------|-------------------------------|-----------------------|----------------|----------------|-----------------------------|---|---------------|---------------|---------------|
| | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State | | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State |
| | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | | | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | |
| Wibaux | 19 | 17 | 17 | -1 | 15,248 | 14,089 | 14,360 | 39 | Sioux | 26 | 27 | 25 | -6.3 | 16,277 | 17,553 | 16,550 | 43 |
| Yellowstone | 1,793 | 1,879 | 2,043 | 8.7 | 15,768 | 16,574 | 17,608 | 7 | Stanton | 88 | 102 | 102 | 1.8 | 14,160 | 16,068 | 16,336 | 49 |
| Park (incl. Ywstn. Natl. Park) | 175 | 183 | 199 | 9.2 | 11,997 | 12,482 | 13,884 | 41 | Thayer | 106 | 114 | 115 | 1.0 | 15,892 | 17,172 | 17,282 | 33 |
| Nebraska | 25,262 | 27,302 | 28,329 | 3.8 | 16,041 | 17,276 | 17,780 | | Thomas | 13 | 14 | 14 | -2 | 15,186 | 15,924 | 16,357 | 48 |
| Metropolitan portion | 13,447 | 14,587 | 15,270 | 4.7 | 17,210 | 18,470 | 19,071 | | Thurston | 73 | 78 | 81 | 3.7 | 10,501 | 11,200 | 11,509 | 93 |
| Nonmetropolitan portion | 11,815 | 12,716 | 13,059 | 2.7 | 14,889 | 16,083 | 16,477 | | Valley | 77 | 83 | 80 | -3.5 | 14,689 | 16,042 | 15,816 | 63 |
| Adams | 471 | 502 | 518 | 3.1 | 15,844 | 16,961 | 17,379 | 30 | Washington | 263 | 279 | 290 | 3.8 | 15,989 | 16,776 | 17,373 | 32 |
| Antelope | 105 | 116 | 117 | .8 | 13,101 | 14,533 | 14,758 | 80 | Wayne | 117 | 132 | 139 | 4.9 | 12,479 | 14,114 | 14,619 | 85 |
| Arthur | 8 | 8 | 8 | -2.6 | 18,024 | 18,237 | 18,689 | 18 | Webster | 64 | 70 | 69 | -1.0 | 14,725 | 16,393 | 16,386 | 47 |
| Banner | 15 | 15 | 13 | -15.2 | 16,737 | 17,626 | 15,717 | 66 | Wheeler | 23 | 26 | 26 | -9 | 24,078 | 27,611 | 27,915 | 1 |
| Blaine | 11 | 12 | 12 | -2.6 | 16,026 | 18,532 | 17,478 | 29 | York | 231 | 254 | 261 | 2.8 | 16,045 | 17,571 | 18,065 | 23 |
| Boone | 101 | 111 | 111 | .4 | 15,016 | 16,636 | 16,725 | 38 | Nevada | 21,394 | 24,087 | 25,418 | 5.5 | 18,810 | 19,680 | 19,812 | |
| Box Butte | 229 | 237 | 238 | 2 | 17,310 | 18,115 | 18,187 | 21 | Metropolitan portion | 18,176 | 20,567 | 21,708 | 5.5 | 18,867 | 19,914 | 19,978 | |
| Boyd | 40 | 45 | 44 | -2.3 | 13,916 | 15,870 | 15,931 | 60 | Nonmetropolitan portion | 3,219 | 3,520 | 3,710 | 5.4 | 18,024 | 18,417 | 18,890 | |
| Brown | 58 | 63 | 64 | 2.6 | 15,680 | 17,254 | 17,540 | 28 | Churchill | 266 | 278 | 296 | 6.5 | 15,554 | 15,287 | 15,882 | 16 |
| Buffalo | 509 | 542 | 566 | 4.4 | 13,666 | 14,450 | 14,891 | 76 | Clark | 12,692 | 14,562 | 15,479 | 6.3 | 18,173 | 19,252 | 19,220 | 6 |
| Burt | 116 | 119 | 124 | 4.1 | 14,653 | 15,207 | 15,908 | 62 | Douglas | 611 | 710 | 750 | 5.5 | 23,232 | 25,288 | 25,133 | 3 |
| Butler | 131 | 145 | 146 | .8 | 15,199 | 16,828 | 16,901 | 36 | Elko | 455 | 491 | 529 | 7.7 | 14,657 | 14,267 | 14,887 | 17 |
| Cass | 312 | 342 | 358 | 4.6 | 14,700 | 16,012 | 16,515 | 44 | Esmeralda | 27 | 31 | 36 | 18.4 | 21,059 | 22,502 | 28,864 | 2 |
| Cedar | 123 | 137 | 138 | 1.0 | 12,005 | 13,510 | 13,683 | 88 | Eureka | 37 | 48 | 52 | 7.8 | 25,122 | 30,401 | 31,187 | 1 |
| Chase | 70 | 77 | 76 | -1.2 | 15,938 | 17,550 | 17,374 | 31 | Humboldt | 216 | 226 | 244 | 7.8 | 17,684 | 17,329 | 17,815 | 7 |
| Cherry | 91 | 102 | 96 | -6.4 | 14,349 | 16,283 | 15,211 | 72 | Lander | 102 | 104 | 107 | 3.0 | 17,389 | 16,167 | 16,680 | 12 |
| Cheyenne | 156 | 170 | 179 | 5.2 | 16,401 | 17,949 | 19,045 | 14 | Lincoln | 57 | 61 | 64 | 4.4 | 15,582 | 16,141 | 16,874 | 10 |
| Clay | 121 | 132 | 134 | 1.1 | 16,927 | 18,606 | 18,878 | 15 | Lyon | 322 | 347 | 371 | 6.8 | 16,898 | 17,095 | 17,288 | 8 |
| Colfax | 130 | 141 | 150 | 6.4 | 14,122 | 15,498 | 16,248 | 51 | Mineral | 97 | 100 | 103 | 2.3 | 15,358 | 15,375 | 16,737 | 11 |
| Cuming | 172 | 186 | 199 | 6.9 | 16,838 | 18,466 | 19,831 | 9 | Nye | 259 | 289 | 303 | 4.6 | 15,294 | 16,022 | 16,309 | 14 |
| Custer | 185 | 206 | 204 | -1.0 | 14,936 | 16,843 | 16,598 | 41 | Pershing | 68 | 72 | 71 | -1.6 | 16,628 | 16,292 | 16,125 | 15 |
| Dakota | 240 | 255 | 267 | 4.7 | 14,327 | 15,237 | 15,769 | 64 | Storey | 40 | 43 | 45 | 2.9 | 16,531 | 16,860 | 17,150 | 9 |
| Dawes | 121 | 127 | 129 | 2.1 | 13,355 | 14,050 | 14,646 | 84 | Washoe | 5,225 | 5,716 | 5,927 | 3.7 | 21,461 | 22,122 | 22,561 | 4 |
| Dawson | 310 | 334 | 370 | 10.7 | 15,473 | 16,790 | 17,834 | 25 | White Pine | 138 | 149 | 148 | -1 | 15,502 | 15,842 | 16,378 | 13 |
| Deuel | 38 | 42 | 43 | .7 | 16,941 | 18,911 | 19,130 | 13 | Carson City | 784 | 858 | 894 | 4.2 | 20,137 | 20,959 | 21,350 | 5 |
| Dixon | 85 | 93 | 97 | 4.7 | 13,651 | 15,118 | 15,575 | 68 | New Hampshire | 22,557 | 23,396 | 24,091 | 3.0 | 20,422 | 21,051 | 21,812 | |
| Dodge | 507 | 531 | 555 | 4.4 | 14,690 | 15,391 | 16,065 | 57 | Metropolitan portion | 14,452 | 14,960 | 15,313 | 2.4 | 21,182 | 21,751 | 22,485 | |
| Douglas | 7,598 | 8,270 | 8,622 | 4.2 | 18,340 | 19,816 | 20,388 | 8 | Nonmetropolitan portion | 8,105 | 8,435 | 8,779 | 4.1 | 19,195 | 19,914 | 20,730 | |
| Dundy | 53 | 57 | 56 | -1.6 | 20,313 | 21,984 | 22,023 | 3 | Belknap | 1,013 | 1,023 | 1,042 | 1.8 | 20,611 | 20,763 | 21,322 | 5 |
| Fillmore | 139 | 144 | 146 | 1.3 | 19,436 | 20,329 | 20,598 | 7 | Carroll | 763 | 798 | 825 | 3.4 | 21,790 | 22,426 | 23,084 | 3 |
| Franklin | 57 | 61 | 60 | -1.2 | 14,497 | 15,502 | 15,256 | 71 | Cheshire | 1,278 | 1,331 | 1,387 | 4.2 | 18,232 | 18,971 | 19,725 | 7 |
| Frontier | 42 | 46 | 42 | -8.3 | 13,517 | 14,912 | 13,575 | 90 | Coos | 570 | 588 | 627 | 6.7 | 16,245 | 16,922 | 18,080 | 9 |
| Furnas | 88 | 96 | 97 | .5 | 15,628 | 17,358 | 17,016 | 35 | Grafton | 1,413 | 1,483 | 1,558 | 5.1 | 18,875 | 19,778 | 20,677 | 6 |
| Gage | 348 | 381 | 389 | 2.0 | 15,238 | 16,730 | 17,121 | 34 | Hillsborough | 7,411 | 7,607 | 7,843 | 3.1 | 22,143 | 22,593 | 23,374 | 1 |
| Garden | 48 | 50 | 49 | -1.1 | 19,288 | 20,210 | 20,730 | 6 | Merrimack | 2,384 | 2,506 | 2,606 | 4.0 | 19,983 | 20,831 | 21,698 | 4 |
| Garfield | 27 | 30 | 30 | .2 | 12,742 | 13,865 | 13,581 | 89 | Rockingham | 5,292 | 5,552 | 5,605 | 1.0 | 21,702 | 22,508 | 23,156 | 2 |
| Gosper | 33 | 37 | 36 | -1.6 | 17,137 | 19,262 | 18,156 | 22 | Stratford | 1,749 | 1,802 | 1,864 | 3.5 | 16,859 | 17,249 | 18,031 | 10 |
| Grant | 12 | 12 | 11 | -8.1 | 15,614 | 16,262 | 14,875 | 77 | Sullivan | 683 | 707 | 734 | 3.8 | 17,657 | 18,331 | 19,096 | 8 |
| Greely | 44 | 46 | 46 | -1.7 | 14,582 | 15,489 | 15,130 | 73 | New Jersey | 183,950 | 193,206 | 196,692 | 1.8 | 23,809 | 24,977 | 25,369 | |
| Hall | 722 | 771 | 818 | 6.1 | 14,789 | 15,741 | 16,583 | 42 | Metropolitan portion | 183,950 | 193,206 | 196,692 | 1.8 | 23,809 | 24,977 | 25,369 | |
| Hamilton | 137 | 141 | 141 | -1 | 15,474 | 15,883 | 15,719 | 65 | Atlantic | 5,397 | 5,712 | 5,817 | 1.8 | 24,277 | 25,374 | 25,630 | 8 |
| Harlan | 52 | 62 | 61 | -1.5 | 13,655 | 16,249 | 16,201 | 53 | Bergen | 25,590 | 26,706 | 26,924 | .8 | 30,826 | 32,403 | 32,557 | 2 |
| Hayes | 25 | 27 | 26 | -4.7 | 20,368 | 22,188 | 21,654 | 4 | Burlington | 8,633 | 9,089 | 9,341 | 2.8 | 21,938 | 22,965 | 23,419 | 12 |
| Hitchcock | 51 | 57 | 53 | -7.3 | 13,470 | 15,285 | 14,346 | 86 | Camden | 9,588 | 10,020 | 10,374 | 3.5 | 19,102 | 19,905 | 20,547 | 17 |
| Holt | 177 | 187 | 184 | -1.3 | 13,942 | 14,863 | 14,663 | 82 | Cape May | 2,048 | 2,164 | 2,204 | 1.9 | 21,695 | 22,688 | 23,022 | 13 |
| Hooker | 14 | 15 | 14 | -1.3 | 17,625 | 18,351 | 18,718 | 17 | Cumberland | 2,211 | 2,340 | 2,447 | 4.5 | 16,031 | 16,937 | 17,654 | 21 |
| Howard | 77 | 80 | 83 | 3.1 | 12,623 | 13,256 | 13,380 | 91 | Essex | 18,209 | 18,957 | 19,425 | 2.5 | 23,165 | 24,430 | 25,355 | 9 |
| Jefferson | 135 | 146 | 147 | .6 | 15,294 | 16,706 | 16,885 | 37 | Gloucester | 4,057 | 4,349 | 4,504 | 3.6 | 17,786 | 18,837 | 19,299 | 18 |
| Johnson | 62 | 70 | 69 | -9 | 13,119 | 14,935 | 14,662 | 83 | Hudson | 9,808 | 10,316 | 10,616 | 2.9 | 17,629 | 18,683 | 19,184 | 19 |
| Kearney | 108 | 117 | 123 | 5.3 | 16,363 | 17,656 | 18,844 | 16 | Hunterdon | 3,033 | 3,232 | 3,243 | .3 | 28,497 | 29,848 | 29,892 | 4 |
| Keith | 126 | 132 | 135 | 1.9 | 14,635 | 15,437 | 16,039 | 58 | Mercer | 8,079 | 8,699 | 8,902 | 2.3 | 24,862 | 26,661 | 27,263 | 6 |
| Keya Paha | 16 | 20 | 19 | -7.4 | 15,113 | 19,751 | 18,484 | 19 | Middlesex | 15,815 | 16,842 | 17,030 | 1.1 | 23,662 | 25,016 | 25,254 | 10 |
| Kimball | 73 | 76 | 79 | 4.4 | 17,419 | 18,532 | 19,207 | 11 | Monmouth | 14,394 | 15,058 | 15,247 | 1.3 | 26,128 | 27,174 | 27,326 | 5 |
| Knox | 122 | 136 | 134 | -1.7 | 12,642 | 14,340 | 14,278 | 87 | Morris | 12,709 | 13,451 | 13,540 | .7 | 30,122 | 31,923 | 32,043 | 3 |
| Lancaster | 3,503 | 3,794 | 3,992 | 5.2 | 16,567 | 17,692 | 18,429 | 20 | Ocean | 6,642 | 9,005 | 9,164 | 1.8 | 20,213 | 20,685 | 20,905 | 16 |
| Lincoln | 496 | 520 | 540 | 3.7 | 15,185 | 16,016 | 16,420 | 46 | Passaic | 9,523 | 9,829 | 10,079 | 2.5 | 20,953 | 21,706 | 22,238 | 14 |
| Logan | 16 | 17 | 17 | -2.7 | 18,180 | 19,614 | 19,204 | 12 | Salem | 1,124 | 1,185 | 1,224 | 3.2 | 17,192 | | | |

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1989–91—Continued

| Area name | Total personal income | | | | Per capita personal income ³ | | | | Area name | Total personal income | | | | Per capita personal income ³ | | | |
|-------------------------|-----------------------|---------|---------|-----------------------------|---|--------|--------|---------------|-------------------------|-----------------------|---------|---------|-----------------------------|---|--------|--------|---------------|
| | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State | | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State |
| | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | | | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | |
| Lea | 701 | 727 | 772 | 6.1 | 12,342 | 13,120 | 13,896 | 9 | North Carolina | 101,944 | 108,999 | 113,483 | 4.1 | 15,527 | 16,383 | 16,948 | |
| Lincoln | 169 | 183 | 193 | 5.5 | 13,823 | 14,997 | 15,074 | 5 | Metropolitan portion | 71,402 | 76,450 | 79,388 | 3.8 | 16,713 | 17,596 | 18,022 | |
| Los Alamos | 468 | 500 | 525 | 4.9 | 26,020 | 27,530 | 29,315 | 1 | Nonmetropolitan portion | 30,542 | 32,549 | 34,095 | 4.8 | 13,318 | 14,101 | 14,628 | |
| Luna | 181 | 189 | 209 | 10.3 | 10,082 | 10,405 | 10,985 | 26 | Alamance | 1,802 | 1,882 | 1,947 | 3.5 | 16,808 | 17,327 | 17,710 | 14 |
| McKinley | 538 | 567 | 608 | 7.3 | 8,872 | 9,337 | 9,700 | 31 | Alexander | 390 | 409 | 418 | 2.2 | 14,272 | 14,812 | 14,973 | 42 |
| Mora | 32 | 34 | 36 | 8.2 | 7,419 | 7,875 | 8,631 | 33 | Alleghany | 116 | 127 | 132 | 4.2 | 12,159 | 13,217 | 13,637 | 70 |
| Otero | 583 | 624 | 658 | 5.3 | 11,324 | 11,984 | 12,594 | 18 | Anson | 297 | 314 | 325 | 3.6 | 12,583 | 13,397 | 13,836 | 63 |
| Quay | 140 | 132 | 137 | 4.4 | 12,888 | 12,161 | 13,023 | 13 | Ashe | 261 | 271 | 284 | 4.9 | 11,736 | 12,180 | 12,651 | 89 |
| Rio Arriba | 294 | 318 | 337 | 6.1 | 8,606 | 9,222 | 9,823 | 29 | Avery | 172 | 184 | 193 | 5.0 | 11,626 | 12,359 | 12,851 | 83 |
| Roosevelt | 194 | 204 | 210 | 2.9 | 11,640 | 12,173 | 12,143 | 21 | Beaufort | 560 | 597 | 625 | 4.8 | 13,210 | 14,117 | 14,622 | 52 |
| Sandoval | 748 | 832 | 893 | 7.4 | 12,299 | 12,941 | 13,545 | 11 | Bertie | 231 | 253 | 265 | 4.6 | 11,280 | 12,442 | 12,973 | 80 |
| San Juan | 980 | 1,092 | 1,173 | 7.4 | 10,678 | 11,925 | 12,479 | 20 | Bladen | 336 | 348 | 370 | 6.5 | 11,669 | 12,143 | 12,819 | 85 |
| San Miguel | 229 | 246 | 265 | 7.3 | 8,951 | 9,555 | 10,152 | 28 | Brunswick | 611 | 671 | 720 | 7.3 | 12,242 | 13,060 | 13,720 | 67 |
| Santa Fe | 1,534 | 1,763 | 1,884 | 6.9 | 15,838 | 17,682 | 18,540 | 2 | Buncombe | 2,777 | 3,037 | 3,187 | 4.9 | 15,993 | 17,327 | 17,907 | 11 |
| Sierra | 116 | 121 | 130 | 7.5 | 11,823 | 12,181 | 12,920 | 15 | Burke | 1,083 | 1,145 | 1,175 | 2.6 | 14,352 | 15,093 | 15,370 | 34 |
| Socorro | 148 | 153 | 163 | 6.5 | 10,072 | 10,361 | 11,121 | 24 | Cabarrus | 1,548 | 1,659 | 1,714 | 3.3 | 15,846 | 16,689 | 16,892 | 20 |
| Taos | 224 | 245 | 262 | 6.8 | 9,746 | 10,574 | 11,063 | 25 | Caldwell | 1,011 | 1,058 | 1,089 | 2.9 | 14,357 | 14,934 | 15,278 | 37 |
| Torrance | 98 | 104 | 111 | 7.1 | 9,784 | 10,020 | 10,462 | 27 | Camden | 82 | 86 | 90 | 4.3 | 14,006 | 14,531 | 14,957 | 43 |
| Union | 62 | 63 | 66 | 4.5 | 14,665 | 15,383 | 15,925 | 4 | Carteret | 700 | 742 | 780 | 5.1 | 13,458 | 14,067 | 14,580 | 54 |
| Valencia | 497 | 544 | 586 | 7.7 | 10,835 | 11,484 | 12,569 | 19 | Caswell | 226 | 243 | 251 | 3.3 | 10,874 | 11,743 | 12,082 | 94 |
| New York | 375,489 | 397,261 | 407,521 | 2.6 | 20,880 | 22,068 | 22,572 | | Catawba | 1,945 | 2,074 | 2,123 | 2.3 | 16,572 | 17,459 | 17,677 | 16 |
| Metropolitan portion | 354,150 | 374,758 | 384,143 | 2.5 | 21,448 | 22,679 | 23,189 | | Chatham | 644 | 678 | 700 | 3.2 | 16,828 | 17,410 | 17,694 | 15 |
| Nonmetropolitan portion | 21,339 | 22,503 | 23,378 | 3.9 | 14,505 | 15,232 | 15,702 | | Cherokee | 228 | 243 | 250 | 2.9 | 11,386 | 12,031 | 12,364 | 91 |
| Albany | 5,804 | 6,125 | 6,317 | 3.1 | 19,828 | 20,926 | 21,528 | 10 | Chowan | 168 | 187 | 201 | 7.6 | 12,487 | 13,801 | 14,773 | 48 |
| Alleghany | 595 | 633 | 657 | 3.8 | 11,767 | 12,536 | 12,816 | 62 | Clay | 81 | 87 | 90 | 3.2 | 11,288 | 12,134 | 12,360 | 92 |
| Bronx | 17,653 | 18,496 | 19,154 | 3.6 | 14,700 | 15,345 | 15,995 | 38 | Cleveland | 1,281 | 1,311 | 1,353 | 3.2 | 15,145 | 15,461 | 15,776 | 29 |
| Broome | 3,655 | 3,807 | 3,939 | 3.5 | 17,171 | 17,952 | 18,568 | 21 | Columbus | 581 | 618 | 663 | 7.4 | 11,684 | 12,457 | 13,291 | 77 |
| Cattaraugus | 1,085 | 1,164 | 1,208 | 3.8 | 12,817 | 13,837 | 14,200 | 54 | Craven | 1,137 | 1,194 | 1,248 | 4.5 | 14,021 | 14,597 | 15,125 | 39 |
| Cayuga | 1,147 | 1,226 | 1,254 | 2.3 | 13,939 | 14,889 | 15,158 | 47 | Cumberland | 3,412 | 3,559 | 3,755 | 5.5 | 12,497 | 12,933 | 13,582 | 71 |
| Chautauqua | 2,044 | 2,145 | 2,222 | 3.6 | 14,336 | 15,133 | 15,628 | 43 | Currituck | 182 | 196 | 209 | 6.9 | 13,423 | 14,181 | 14,658 | 51 |
| Chemung | 1,442 | 1,511 | 1,569 | 3.8 | 15,151 | 15,868 | 16,486 | 33 | Dare | 330 | 343 | 353 | 3.0 | 15,035 | 14,861 | 15,328 | 35 |
| Chenango | 729 | 749 | 774 | 3.3 | 14,131 | 14,448 | 14,853 | 48 | Davidson | 1,822 | 1,928 | 1,982 | 2.8 | 14,568 | 15,145 | 15,432 | 33 |
| Clinton | 1,102 | 1,190 | 1,229 | 3.3 | 12,864 | 13,824 | 14,109 | 56 | Davie | 485 | 510 | 522 | 2.3 | 17,371 | 18,309 | 18,501 | 9 |
| Columbia | 1,170 | 1,228 | 1,258 | 2.4 | 16,821 | 19,468 | 20,004 | 13 | Duplin | 451 | 498 | 532 | 6.9 | 11,257 | 12,448 | 13,290 | 78 |
| Cortland | 658 | 679 | 704 | 3.7 | 13,453 | 13,847 | 14,309 | 51 | Durham | 3,309 | 3,569 | 3,785 | 6.0 | 18,441 | 19,534 | 20,383 | 6 |
| Delaware | 631 | 656 | 678 | 3.3 | 13,352 | 13,884 | 14,261 | 53 | Edgecombe | 704 | 736 | 781 | 5.8 | 12,474 | 13,034 | 13,870 | 62 |
| Dutchess | 5,412 | 5,676 | 5,768 | 1.6 | 20,913 | 21,848 | 22,993 | 5 | Forsyth | 5,369 | 5,584 | 5,695 | 2.0 | 20,341 | 20,941 | 21,213 | 3 |
| Erie | 16,872 | 17,608 | 18,233 | 3.5 | 17,138 | 18,197 | 18,754 | 19 | Franklin | 436 | 473 | 504 | 6.6 | 12,130 | 12,927 | 13,561 | 72 |
| Essex | 540 | 566 | 585 | 3.3 | 14,535 | 15,231 | 15,585 | 44 | Gaston | 2,682 | 2,860 | 2,929 | 2.4 | 15,417 | 16,291 | 16,528 | 24 |
| Franklin | 609 | 647 | 673 | 4.1 | 13,096 | 13,881 | 14,341 | 50 | Gates | 120 | 132 | 139 | 5.5 | 12,915 | 13,156 | 14,905 | 46 |
| Fulton | 807 | 843 | 871 | 3.3 | 14,836 | 15,564 | 16,062 | 37 | Graham | 64 | 69 | 73 | 5.4 | 9,919 | 9,629 | 9,919 | 100 |
| Genesee | 994 | 1,032 | 1,079 | 4.5 | 16,536 | 17,188 | 17,813 | 24 | Granville | 490 | 525 | 541 | 3.1 | 12,919 | 13,624 | 13,994 | 59 |
| Greene | 696 | 737 | 764 | 3.6 | 15,635 | 16,430 | 16,844 | 29 | Greene | 195 | 212 | 234 | 10.6 | 12,609 | 13,788 | 14,952 | 44 |
| Hamilton | 84 | 87 | 90 | 4.0 | 15,892 | 16,449 | 16,882 | 28 | Guilford | 6,777 | 7,195 | 7,407 | 3.0 | 19,687 | 20,637 | 20,954 | 4 |
| Herkimer | 895 | 951 | 981 | 3.1 | 13,558 | 14,464 | 14,790 | 49 | Halifax | 647 | 706 | 754 | 6.9 | 11,692 | 12,690 | 13,277 | 73 |
| Jefferson | 1,567 | 1,630 | 1,708 | 4.8 | 14,454 | 14,572 | 15,264 | 46 | Harnett | 760 | 831 | 875 | 5.4 | 11,333 | 12,198 | 12,755 | 87 |
| Kings | 36,533 | 38,699 | 39,870 | 3.0 | 15,887 | 16,809 | 17,415 | 26 | Haywood | 636 | 663 | 698 | 5.2 | 13,541 | 14,128 | 14,674 | 50 |
| Lewis | 314 | 333 | 350 | 5.2 | 11,788 | 12,390 | 12,898 | 61 | Henderson | 1,158 | 1,225 | 1,275 | 4.0 | 16,896 | 17,616 | 18,005 | 10 |
| Livingston | 955 | 1,012 | 1,051 | 3.9 | 15,395 | 16,183 | 16,715 | 31 | Hertford | 257 | 275 | 290 | 5.5 | 11,345 | 12,217 | 12,772 | 86 |
| Madison | 1,044 | 1,126 | 1,155 | 2.6 | 15,142 | 16,272 | 16,412 | 34 | Hoke | 228 | 243 | 261 | 7.5 | 10,058 | 10,608 | 11,281 | 97 |
| Monroe | 14,789 | 15,430 | 16,027 | 3.9 | 20,696 | 21,607 | 22,264 | 8 | Hyde | 72 | 72 | 82 | 14.2 | 13,231 | 13,358 | 15,900 | 36 |
| Montgomery | 792 | 827 | 853 | 3.1 | 15,179 | 15,923 | 16,369 | 35 | Iredell | 1,498 | 1,613 | 1,670 | 3.5 | 16,286 | 17,294 | 17,513 | 18 |
| Nassau | 38,570 | 40,359 | 40,840 | 1.2 | 29,834 | 31,379 | 31,596 | 3 | Jackson | 323 | 346 | 363 | 5.1 | 12,067 | 12,852 | 13,327 | 76 |
| New York | 53,425 | 58,947 | 60,506 | 2.6 | 36,000 | 39,576 | 40,497 | 1 | Johnston | 1,135 | 1,226 | 1,319 | 7.6 | 14,114 | 15,021 | 15,795 | 28 |
| Niagara | 3,488 | 3,665 | 3,805 | 3.8 | 15,768 | 16,606 | 17,203 | 27 | Jones | 115 | 119 | 125 | 5.8 | 12,200 | 12,589 | 13,415 | 75 |
| Oneida | 3,893 | 4,099 | 4,217 | 2.9 | 15,465 | 16,355 | 16,743 | 30 | Lee | 644 | 704 | 742 | 5.4 | 15,672 | 16,965 | 17,618 | 17 |
| Onondaga | 8,551 | 9,021 | 9,231 | 2.3 | 18,208 | 19,236 | 19,532 | 15 | Lenoir | 823 | 884 | 937 | 6.0 | 14,343 | 15,443 | 16,257 | 25 |
| Ontario | 1,655 | 1,774 | 1,849 | 4.2 | 17,433 | 18,638 | 19,146 | 18 | Lincoln | 439 | 459 | 478 | 2.6 | 14,546 | 14,974 | 15,167 | 38 |
| Orange | 5,771 | 6,023 | 6,175 | 2.5 | 18,982 | 19,489 | 19,802 | 14 | McDowell | 439 | 472 | 499 | 5.7 | 12,326 | 13,218 | 13,828 | 64 |
| Orleans | 621 | 643 | 668 | 3.9 | 14,934 | 15,316 | 15,763 | 41 | Macon | 308 | 330 | 347 | 4.9 | 13,227 | 14,015 | 14,494 | 56 |
| Oswego | 1,709 | 1,832 | 1,892 | 3.3 | 14,074 | 15,024 | 15,328 | 45 | Madison | 191 | 208 | 219 | 4.9 | 11,261 | 12,287 | 12,726 | 88 |
| Otsego | 891 | 941 | 984 | 4.6 | 14,741 | 15,531 | 16,101 | 36 | Martin | 339 | 358 | 380 | 6.2 | 13,463 | 14,276 | 15,019 | 41 |
| Putnam | 2,130 | 2,230 | 2,274 | 2.0 | 25,503 | 26,507 | 26,581 | 5 | Mecklenburg | 10,034 | 10,956 | 11,273 | 2.9 | 20,001 | 21,272 | 21,453 | 2 |
| Queens | 38,325 | 40,037 | 41,084 | 2.6 | 19,639 | 20,505 | 21,048 | 12 | Mitchell | 169 | 176 | 187 | 6.1 | 11,761 | 12,204 | 12,907 | 81 |
| Rensselaer | 2,583 | 2,733 | 2,832 | 3.6 | 16,713 | 17,692 | 18,165 | 22 | Montgomery | 290 | 306 | 318 | 4.0 | 12,411 | 13,089 | 13,775 | 65 |
| Richmond | 8,334 | 8,786 | 9,032 | 2.8 | 22,061 | 23,147 | 23,486 | 7 | Moore | 1,062 | 1,138 | 1,164 | 2.3 | 18,253 | 19,181 | 19,275 | 8 |
| Rockland | 6,679 | 7,050 | 7,191 | 2.0 | 25,138 | 26,550 | 26,840 | 4 | Nash | 1,200 | 1,292 | 1,354 | 4.8 | 15,807 | 16,784 | 17,255 | 19 |
| St. Lawrence | 1,337 | 1,420 | 1,487 | 4.7 | 11,888 | 12,692 | 13,131 | 60 | New Hanover | 1,943 | 2,137 | 2,223 | 4.0 | 16,327 | 17,690 | 17,840 | 12 |
| Saratoga | 3,222 | 3,431 | 3,543 | 3.3 | 18,011 | 18,832 | 19,198 | 17 | Northampton | 253 | 280 | 302 | 7.8 | 12,087 | 13,471 | 14,506 | 55 |
| Schenectady | | | | | | | | | | | | | | | | | |

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1989–91—Continued

| Area name | Total personal income | | | | Per capita personal income ³ | | | | Area name | Total personal income | | | | Per capita personal income ³ | | | |
|-------------------------|-----------------------|---------|---------|-----------------------------|---|--------|--------|---------------|------------|-----------------------|--------|--------|-----------------------------|---|--------|--------|---------------|
| | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State | | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State |
| | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | | | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | |
| Stokes | 498 | 535 | 551 | 3.0 | 13,510 | 14,331 | 14,618 | 53 | Clermont | 2,274 | 2,421 | 2,546 | 5.2 | 15,338 | 16,042 | 16,499 | 29 |
| Surry | 910 | 949 | 982 | 3.4 | 14,778 | 15,368 | 15,711 | 30 | Clinton | 521 | 560 | 582 | 3.9 | 14,780 | 15,780 | 16,155 | 34 |
| Swain | 109 | 114 | 122 | 7.1 | 9,661 | 10,072 | 10,613 | 98 | Columbiana | 1,299 | 1,350 | 1,399 | 3.6 | 11,951 | 12,483 | 12,795 | 74 |
| Tennessee | 372 | 395 | 412 | 4.2 | 14,599 | 15,465 | 15,999 | 27 | Coshocton | 461 | 477 | 485 | 1.7 | 13,004 | 13,468 | 13,631 | 62 |
| Tyrell | 41 | 47 | 51 | 7.5 | 10,645 | 12,248 | 13,425 | 74 | Crawford | 635 | 651 | 658 | 1.1 | 13,224 | 13,615 | 13,788 | 59 |
| Union | 1,404 | 1,498 | 1,539 | 2.8 | 16,915 | 17,694 | 17,740 | 13 | Cuyahoga | 27,944 | 29,489 | 30,027 | 1.8 | 19,706 | 20,901 | 21,203 | 2 |
| Vance | 488 | 519 | 538 | 3.7 | 12,592 | 13,313 | 13,705 | 69 | Darke | 799 | 826 | 838 | 1.5 | 14,898 | 15,397 | 15,603 | 41 |
| Wake | 8,146 | 8,959 | 9,501 | 6.0 | 19,713 | 20,977 | 21,565 | 1 | DeWitt | 570 | 604 | 615 | 1.9 | 14,504 | 15,324 | 15,546 | 42 |
| Warren | 184 | 194 | 207 | 6.8 | 10,709 | 11,196 | 11,917 | 95 | Delaware | 1,201 | 1,288 | 1,348 | 4.7 | 18,302 | 19,110 | 19,400 | 6 |
| Washington | 165 | 174 | 185 | 6.8 | 11,749 | 12,403 | 13,115 | 79 | Delaware | 1,251 | 1,286 | 1,320 | 2.6 | 16,290 | 16,745 | 17,141 | 20 |
| Watauga | 421 | 470 | 480 | 2.1 | 11,503 | 12,670 | 12,830 | 84 | Fairfield | 1,578 | 1,718 | 1,794 | 4.4 | 15,406 | 16,543 | 16,883 | 23 |
| Wayne | 1,312 | 1,393 | 1,459 | 4.8 | 12,624 | 13,270 | 13,756 | 66 | Fayette | 355 | 379 | 384 | 1.4 | 12,897 | 13,783 | 13,777 | 60 |
| Wilkes | 848 | 877 | 897 | 2.3 | 14,267 | 14,744 | 15,051 | 40 | Franklin | 17,223 | 18,231 | 18,981 | 4.1 | 18,091 | 18,890 | 19,417 | 5 |
| Wilson | 970 | 1,052 | 1,111 | 5.6 | 14,756 | 15,890 | 16,709 | 22 | Fulton | 618 | 647 | 655 | 1.3 | 16,061 | 16,789 | 16,981 | 25 |
| Yadkin | 444 | 471 | 481 | 2.2 | 14,652 | 15,395 | 15,499 | 32 | Gallia | 375 | 394 | 415 | 5.3 | 12,163 | 12,692 | 13,252 | 68 |
| Yancey | 185 | 187 | 193 | 2.8 | 12,005 | 12,146 | 12,287 | 93 | Geauga | 1,576 | 1,692 | 1,718 | 1.5 | 19,648 | 20,762 | 20,924 | 3 |
| North Dakota | 8,876 | 9,650 | 9,934 | 2.9 | 13,732 | 15,158 | 15,646 | ..... | Greene | 2,335 | 2,490 | 2,576 | 3.5 | 17,195 | 18,159 | 18,663 | 11 |
| Metropolitan portion | 3,740 | 4,027 | 4,234 | 5.1 | 14,512 | 15,848 | 16,300 | ..... | Guernsey | 473 | 494 | 519 | 5.2 | 12,077 | 12,661 | 13,204 | 69 |
| Nonmetropolitan portion | 5,136 | 5,622 | 5,700 | 1.4 | 13,215 | 14,826 | 15,193 | ..... | Hamilton | 16,759 | 18,027 | 18,601 | 3.2 | 19,354 | 20,799 | 21,369 | 1 |
| Adams | 43 | 47 | 47 | -2 | 13,186 | 14,908 | 15,206 | 29 | Hancock | 1,168 | 1,226 | 1,257 | 2.5 | 17,827 | 18,704 | 18,992 | 8 |
| Barnes | 164 | 187 | 180 | -3.8 | 12,898 | 14,384 | 14,461 | 39 | Hardin | 374 | 388 | 387 | -2 | 11,982 | 12,463 | 12,388 | 77 |
| Benson | 75 | 93 | 88 | -5.1 | 10,167 | 12,397 | 12,684 | 48 | Harrison | 170 | 175 | 180 | 2.8 | 10,477 | 10,893 | 11,184 | 86 |
| Billings | 20 | 20 | 22 | 6.7 | 17,431 | 18,346 | 19,099 | 1 | Henry | 440 | 464 | 464 | 9.0 | 15,160 | 15,929 | 15,873 | 39 |
| Bottineau | 117 | 132 | 120 | -9.2 | 14,291 | 16,545 | 15,329 | 27 | Highland | 455 | 468 | 486 | 3.8 | 12,834 | 13,073 | 13,284 | 67 |
| Bowman | 58 | 57 | 61 | 7.3 | 15,628 | 15,938 | 17,515 | 6 | Hocking | 298 | 312 | 325 | 4.3 | 11,721 | 12,170 | 12,537 | 76 |
| Burke | 40 | 51 | 46 | -9.8 | 12,972 | 17,206 | 16,402 | 16 | Holmes | 322 | 345 | 348 | .8 | 9,905 | 10,470 | 10,449 | 87 |
| Burleigh | 942 | 1,025 | 1,079 | 5.3 | 15,619 | 17,051 | 17,623 | 4 | Huron | 860 | 891 | 910 | 2.1 | 15,359 | 15,810 | 15,903 | 36 |
| Cass | 1,569 | 1,709 | 1,792 | 4.8 | 15,301 | 16,592 | 17,144 | 8 | Jackson | 324 | 343 | 362 | 5.5 | 10,710 | 11,356 | 11,730 | 84 |
| Cavalier | 89 | 99 | 99 | 4 | 14,208 | 16,490 | 16,893 | 10 | Jefferson | 1,090 | 1,157 | 1,185 | 2.4 | 13,403 | 14,463 | 14,809 | 53 |
| Dickey | 81 | 86 | 89 | 2.8 | 12,879 | 14,215 | 14,719 | 35 | Knox | 640 | 694 | 717 | 3.3 | 13,508 | 14,611 | 14,985 | 48 |
| Divide | 34 | 43 | 48 | 11.7 | 11,493 | 14,822 | 17,173 | 7 | Lake | 3,955 | 4,187 | 4,295 | 2.6 | 18,397 | 19,406 | 19,706 | 4 |
| Dunn | 48 | 48 | 49 | 1.4 | 11,707 | 12,221 | 12,480 | 49 | Lawrence | 676 | 720 | 753 | 4.6 | 10,921 | 11,642 | 12,077 | 81 |
| Eddy | 37 | 49 | 44 | -10.5 | 12,347 | 16,718 | 15,001 | 32 | Licking | 1,974 | 2,095 | 2,175 | 3.8 | 15,447 | 16,295 | 16,665 | 26 |
| Emmons | 57 | 57 | 62 | 9.1 | 11,427 | 11,886 | 13,238 | 44 | Logan | 581 | 645 | 686 | 6.4 | 13,829 | 15,195 | 15,877 | 31 |
| Foster | 54 | 67 | 64 | -5.0 | 13,238 | 16,962 | 16,516 | 14 | Lorain | 4,129 | 4,356 | 4,482 | 2.9 | 15,224 | 16,062 | 16,392 | 38 |
| Golden Valley | 34 | 33 | 32 | -3.1 | 15,682 | 15,663 | 16,021 | 19 | Lucas | 7,845 | 8,108 | 8,258 | 1.9 | 16,974 | 17,524 | 17,885 | 14 |
| Grand Forks | 923 | 979 | 1,027 | 4.9 | 13,034 | 13,856 | 14,565 | 38 | Madison | 522 | 551 | 565 | 2.7 | 14,200 | 14,805 | 15,047 | 47 |
| Grant | 39 | 39 | 43 | 10.5 | 10,821 | 11,052 | 12,464 | 50 | Mahoning | 4,056 | 4,238 | 4,366 | 3.0 | 15,210 | 16,032 | 16,480 | 30 |
| Griggs | 46 | 55 | 53 | -3.5 | 13,630 | 16,626 | 16,493 | 15 | Marion | 815 | 850 | 874 | 2.7 | 12,628 | 13,238 | 13,586 | 64 |
| Hettinger | 45 | 48 | 44 | -7.3 | 12,776 | 13,984 | 13,450 | 43 | Medina | 2,166 | 2,320 | 2,395 | 3.2 | 17,845 | 18,902 | 19,094 | 7 |
| Kidder | 36 | 44 | 42 | -3.3 | 10,522 | 13,155 | 12,922 | 47 | Meigs | 253 | 267 | 277 | 3.8 | 10,978 | 11,610 | 11,928 | 83 |
| La Moure | 65 | 70 | 66 | -5.4 | 11,832 | 13,048 | 12,440 | 51 | Mercer | 585 | 621 | 610 | -1.8 | 14,863 | 15,730 | 15,366 | 44 |
| Logan | 34 | 39 | 36 | -5.8 | 11,613 | 13,661 | 13,119 | 45 | Miami | 1,500 | 1,590 | 1,630 | 2.5 | 16,179 | 17,031 | 17,316 | 17 |
| McHenry | 78 | 87 | 83 | -4.2 | 11,740 | 13,440 | 13,078 | 46 | Monroe | 188 | 198 | 201 | 1.4 | 12,019 | 12,825 | 13,063 | 70 |
| McIntosh | 53 | 57 | 60 | 4.6 | 12,822 | 14,314 | 15,617 | 23 | Montgomery | 9,981 | 10,451 | 10,776 | 3.1 | 17,435 | 18,190 | 18,705 | 10 |
| McKenzie | 94 | 100 | 104 | 4.6 | 14,185 | 15,780 | 16,843 | 11 | Morgan | 175 | 184 | 185 | .5 | 12,345 | 12,965 | 13,050 | 71 |
| McLean | 138 | 157 | 149 | -4.5 | 12,915 | 15,078 | 14,639 | 36 | Morrow | 332 | 348 | 359 | 3.3 | 12,015 | 12,502 | 12,766 | 75 |
| Mercer | 148 | 157 | 161 | 2.5 | 14,744 | 16,141 | 16,611 | 13 | Muskingum | 1,145 | 1,198 | 1,233 | 2.9 | 13,936 | 14,600 | 14,967 | 49 |
| Morton | 305 | 314 | 336 | 6.8 | 12,722 | 13,318 | 14,299 | 40 | Noble | 131 | 136 | 142 | 4.6 | 11,541 | 11,977 | 12,179 | 79 |
| Mountrail | 91 | 103 | 102 | -1.1 | 12,656 | 14,819 | 14,949 | 33 | Ottawa | 695 | 723 | 726 | .5 | 17,359 | 18,040 | 18,113 | 13 |
| Nelson | 63 | 75 | 68 | -10.0 | 13,943 | 15,915 | 15,848 | 20 | Paulding | 276 | 286 | 287 | .4 | 13,476 | 13,945 | 14,122 | 58 |
| Oliver | 29 | 30 | 31 | 4.3 | 11,910 | 12,515 | 13,583 | 42 | Perry | 352 | 369 | 386 | 4.4 | 11,188 | 11,695 | 12,130 | 80 |
| Pembina | 151 | 165 | 159 | -3.8 | 16,101 | 17,976 | 17,596 | 5 | Pickaway | 613 | 644 | 662 | 2.7 | 12,811 | 13,306 | 13,585 | 65 |
| Pierce | 68 | 78 | 76 | -2.4 | 13,178 | 15,460 | 15,305 | 28 | Pike | 269 | 289 | 304 | 5.3 | 11,138 | 11,906 | 12,335 | 78 |
| Ramsey | 187 | 204 | 209 | 2.3 | 14,705 | 16,135 | 16,617 | 12 | Portage | 2,142 | 2,244 | 2,297 | 2.4 | 15,096 | 15,702 | 15,881 | 37 |
| Ransom | 80 | 84 | 91 | 8.2 | 13,286 | 14,284 | 15,435 | 26 | Preble | 565 | 613 | 623 | 1.7 | 14,146 | 15,260 | 15,366 | 45 |
| Renville | 41 | 50 | 45 | -9.7 | 12,628 | 15,960 | 14,905 | 34 | Putnam | 504 | 530 | 530 | -.1 | 14,968 | 15,646 | 15,487 | 43 |
| Richland | 243 | 247 | 270 | 9.3 | 13,213 | 13,668 | 15,030 | 31 | Richland | 1,936 | 1,999 | 2,015 | .8 | 15,316 | 15,850 | 15,938 | 35 |
| Rolette | 122 | 128 | 138 | 8.1 | 9,401 | 10,073 | 10,757 | 52 | Ross | 868 | 917 | 948 | 3.3 | 12,561 | 13,210 | 13,469 | 66 |
| Sargent | 79 | 80 | 83 | 3.3 | 17,060 | 17,800 | 18,640 | 2 | Sandusky | 995 | 1,041 | 1,053 | 1.1 | 16,038 | 16,800 | 16,837 | 24 |
| Sheridan | 26 | 34 | 29 | -14.9 | 11,903 | 16,086 | 13,899 | 41 | Scioto | 941 | 1,009 | 1,040 | 3.1 | 11,667 | 12,566 | 12,653 | 73 |
| Sioux | 30 | 31 | 34 | 9.9 | 8,050 | 8,258 | 8,965 | 53 | Seneca | 832 | 880 | 891 | 1.3 | 13,901 | 14,728 | 14,934 | 51 |
| Slope | 15 | 12 | 16 | 4.0 | 15,612 | 13,070 | 17,916 | 3 | Shelby | 716 | 778 | 812 | 4.4 | 15,993 | 17,301 | 17,825 | 15 |
| Stark | 297 | 320 | 335 | 4.4 | 12,804 | 14,108 | 14,588 | 37 | Stark | 5,820 | 6,179 | 6,309 | 2.1 | 15,813 | 16,810 | 17,053 | 21 |
| Steele | 31 | 40 | 35 | -11.8 | 12,660 | 16,704 | 15,075 | 30 | Summit | 9,029 | 9,602 | 9,820 | 2.3 | 17,558 | 18,627 | 18,889 | 9 |
| Stutsman | 300 | 337 | 339 | .6 | 13,318 | 15,188 | 15,436 | 25 | Trumbull | 3,492 | 3,638 | 3,728 | 2.5 | 15,253 | 15,988 | 16,287 | 32 |
| Towner | 53 | 58 | 60 | 3.8 | 14,266 | 15,955 | 17,086 | 9 | Tuscarawas | 1,176 | 1,248 | 1,258 | .8 | 13,967 | 14,834 | 14,805 | 54 |
| Traill | 117 | 128 | 137 | 6.6 | 13,078 | 14,738 | 15,658 | 22 | Union | 550 | 589 | 595 | 1.0 | 17,355 | 18,362 | 18,207 | 12 |
| Walsh | 199 | 203 | 215 | 6.3 | 14,081 | 14,720 | 16,170 | 18 | Van Wert | 431 | 446 | 443 | -.7 | 14,148 | 14,631 | 14,548 | 56 |
| Ward | 802 | 866 | 906 | 4.6 | 13,698 | 15,009 | 15,802 | 21 | Vinton | 116 | 123 | 128 | 3.5 | 10,474 | 11,122 | 11,359 | 85 |
| Wells | 75 | 100 | 88 | -12.3 | 12,494 | 17,256 | 15,604 | 24 | Warren | 1,795 | 1,937 | 2,016 | 4.1 | 15,998 | 16,907 | 17,298 | 18 |
| Williams | 311 | 328 | 341 | 4.0 | 14,223 | 15,671 | 16,206 | 17 | Washington | 849 | 894 | 927 | 3.7 | 13,593 | 14,362 | 14,867 | 52 |
| Ohio | 179,035 | 189,177 | 194,388 | | | | | | | | | | | | | | |

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1989–91—Continued

| Area name | Total personal income | | | | Per capita personal income ³ | | | | Area name | Total personal income | | | | Per capita personal income ³ | | | |
|-----------------------------|-----------------------|---------------|---------------|-----------------------------|---|---------------|---------------|---------------|--------------------------------|-----------------------|----------------|----------------|-----------------------------|---|---------------|---------------|---------------|
| | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State | | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State |
| | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | | | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | |
| Canadian | 1,066 | 1,148 | 1,203 | 4.8 | 14,500 | 15,365 | 15,851 | 12 | Jefferson | 168 | 182 | 195 | 7.0 | 12,599 | 13,192 | 13,777 | 35 |
| Carter | 619 | 643 | 666 | 3.6 | 14,307 | 15,011 | 15,566 | 15 | Josephine | 823 | 873 | 906 | 3.7 | 13,321 | 13,872 | 14,004 | 34 |
| Cherokee | 394 | 424 | 446 | 5.3 | 11,641 | 12,409 | 12,741 | 54 | Klamath | 778 | 813 | 840 | 3.3 | 13,621 | 14,043 | 14,421 | 33 |
| Choctaw | 155 | 166 | 175 | 5.5 | 10,091 | 10,833 | 11,414 | 67 | Lake | 104 | 107 | 108 | .7 | 14,664 | 14,815 | 15,114 | 23 |
| Cimarron | 67 | 73 | 74 | .9 | 20,313 | 22,268 | 22,976 | 1 | Lane | 4,193 | 4,487 | 4,651 | 3.7 | 15,083 | 15,760 | 16,145 | 15 |
| Cleveland | 2,369 | 2,503 | 2,621 | 4.7 | 13,795 | 14,290 | 14,737 | 19 | Lincoln | 578 | 621 | 659 | 6.1 | 15,184 | 15,851 | 16,446 | 14 |
| Coal | 56 | 56 | 59 | 5.3 | 9,740 | 9,718 | 10,357 | 75 | Linn | 1,216 | 1,296 | 1,368 | 5.6 | 13,537 | 14,126 | 14,638 | 31 |
| Comanche | 1,433 | 1,491 | 1,548 | 3.8 | 12,807 | 13,386 | 13,862 | 32 | Malheur | 326 | 349 | 366 | 4.9 | 12,540 | 13,397 | 13,774 | 36 |
| Cotton | 87 | 93 | 89 | -3.9 | 12,960 | 13,985 | 13,822 | 33 | Marion | 3,352 | 3,666 | 3,891 | 6.2 | 14,967 | 15,932 | 16,509 | 13 |
| Craig | 178 | 185 | 195 | 5.5 | 12,593 | 13,125 | 13,873 | 31 | Morrow | 119 | 132 | 122 | -7.6 | 15,638 | 17,339 | 15,102 | 24 |
| Creek | 830 | 873 | 911 | 4.4 | 13,467 | 14,380 | 14,736 | 20 | Multnomah | 10,470 | 11,171 | 11,684 | 4.6 | 18,160 | 19,045 | 19,627 | 4 |
| Custer | 345 | 362 | 366 | 1.1 | 12,710 | 13,501 | 13,800 | 35 | Polk | 677 | 734 | 776 | 5.7 | 13,939 | 14,719 | 15,089 | 25 |
| Delaware | 290 | 314 | 327 | 3.9 | 10,446 | 11,156 | 11,444 | 66 | Sherman | 45 | 43 | 42 | -2.6 | 23,086 | 22,492 | 21,920 | 1 |
| Dewey | 85 | 87 | 81 | -6.9 | 15,049 | 15,682 | 14,738 | 18 | Tillamook | 284 | 306 | 321 | 4.9 | 13,366 | 14,122 | 14,533 | 32 |
| Ellis | 72 | 75 | 79 | 6.1 | 15,481 | 16,792 | 17,896 | 5 | Umatilla | 788 | 848 | 891 | 5.0 | 13,431 | 14,266 | 14,805 | 30 |
| Garfield | 869 | 909 | 930 | 2.4 | 13,074 | 16,095 | 16,489 | 11 | Union | 327 | 342 | 356 | 4.0 | 13,988 | 14,456 | 14,807 | 29 |
| Garvin | 355 | 367 | 384 | 4.6 | 13,217 | 13,831 | 14,434 | 21 | Wallowa | 107 | 111 | 121 | 8.2 | 15,552 | 16,108 | 16,868 | 8 |
| Grady | 502 | 516 | 536 | 3.8 | 11,963 | 12,383 | 12,779 | 50 | Wasco | 329 | 350 | 371 | 5.9 | 15,282 | 16,169 | 16,726 | 12 |
| Grant | 103 | 108 | 98 | -9.3 | 17,737 | 19,136 | 17,654 | 7 | Washington | 5,696 | 6,292 | 6,674 | 6.1 | 18,876 | 19,968 | 20,391 | 2 |
| Greer | 76 | 84 | 81 | -3.1 | 11,438 | 12,802 | 12,668 | 56 | Wheeler | 22 | 23 | 24 | 5.7 | 15,857 | 16,462 | 16,766 | 11 |
| Harmon | 46 | 54 | 45 | -17.1 | 11,810 | 14,285 | 12,016 | 62 | Yamhill | 930 | 992 | 1,046 | 5.5 | 14,583 | 14,985 | 15,468 | 21 |
| Harper | 68 | 76 | 69 | -9.5 | 16,412 | 18,827 | 17,491 | 8 | Pennsylvania | 209,367 | 222,693 | 230,946 | 3.7 | 17,644 | 18,725 | 19,313 | |
| Haskell | 125 | 133 | 138 | 4.1 | 11,440 | 12,125 | 12,763 | 52 | Metropolitan portion | 183,504 | 195,339 | 202,355 | 3.6 | 18,226 | 19,354 | 19,950 | |
| Hughes | 134 | 141 | 144 | 1.9 | 10,229 | 10,856 | 11,115 | 71 | Nonmetropolitan portion | 25,863 | 27,354 | 28,591 | 4.5 | 14,387 | 15,198 | 15,752 | |
| Jackson | 348 | 387 | 374 | -3.3 | 12,002 | 13,497 | 13,046 | 45 | Adams | 1,238 | 1,324 | 1,378 | 4.1 | 16,033 | 16,834 | 17,196 | 25 |
| Jefferson | 88 | 91 | 96 | 5.5 | 12,310 | 13,086 | 13,789 | 36 | Allegheny | 25,825 | 27,859 | 28,997 | 4.1 | 19,215 | 20,874 | 21,679 | 5 |
| Johnston | 94 | 98 | 105 | 6.3 | 9,298 | 9,814 | 10,528 | 74 | Armstrong | 1,153 | 1,210 | 1,266 | 4.6 | 15,609 | 16,492 | 17,092 | 26 |
| Kay | 763 | 800 | 826 | 3.3 | 15,786 | 16,667 | 17,120 | 9 | Beaver | 2,652 | 2,823 | 2,968 | 5.2 | 14,155 | 15,195 | 15,837 | 37 |
| Kingfisher | 190 | 200 | 206 | 2.9 | 14,164 | 15,218 | 15,734 | 13 | Bedford | 581 | 615 | 645 | 4.8 | 12,148 | 12,828 | 13,357 | 65 |
| Kiowa | 152 | 168 | 158 | -5.9 | 13,304 | 14,822 | 14,123 | 26 | Berks | 6,317 | 6,607 | 6,776 | 2.6 | 18,915 | 19,573 | 19,868 | 9 |
| Latimer | 102 | 112 | 121 | 7.9 | 9,952 | 10,848 | 11,414 | 68 | Blair | 1,803 | 1,912 | 1,994 | 4.3 | 13,784 | 14,646 | 15,175 | 43 |
| Le Flore | 493 | 522 | 546 | 4.5 | 11,459 | 12,033 | 12,544 | 57 | Bradford | 889 | 931 | 962 | 3.3 | 14,539 | 15,275 | 15,650 | 41 |
| Lincoln | 327 | 343 | 358 | 4.3 | 11,228 | 11,736 | 12,129 | 61 | Bucks | 11,438 | 12,215 | 12,571 | 2.9 | 21,352 | 22,482 | 22,916 | 4 |
| Logan | 370 | 388 | 402 | 3.8 | 12,689 | 13,376 | 13,819 | 34 | Butler | 2,441 | 2,629 | 2,762 | 5.1 | 16,106 | 17,270 | 17,847 | 17 |
| Love | 96 | 105 | 111 | 6.3 | 11,834 | 12,784 | 13,371 | 42 | Cambria | 2,205 | 2,334 | 2,457 | 5.3 | 13,406 | 14,353 | 15,113 | 45 |
| McClain | 301 | 314 | 328 | 4.6 | 13,187 | 13,761 | 14,226 | 23 | Cameron | 84 | 86 | 88 | 2.2 | 14,031 | 14,656 | 15,124 | 44 |
| McCurtain | 364 | 372 | 392 | 5.2 | 10,859 | 11,147 | 11,749 | 64 | Carbon | 819 | 869 | 903 | 3.9 | 14,520 | 15,233 | 15,675 | 39 |
| McIntosh | 171 | 180 | 187 | 3.9 | 10,181 | 10,750 | 11,062 | 73 | Centre | 1,792 | 1,926 | 2,035 | 5.7 | 14,578 | 15,514 | 16,244 | 34 |
| Major | 107 | 113 | 108 | -4.6 | 13,125 | 14,053 | 13,640 | 38 | Chester | 6,696 | 9,482 | 9,731 | 2.6 | 23,359 | 25,018 | 25,424 | 2 |
| Marshall | 129 | 137 | 145 | 6.2 | 11,915 | 12,605 | 13,119 | 44 | Ciara | 550 | 574 | 599 | 4.4 | 13,141 | 13,775 | 14,330 | 60 |
| Mayes | 395 | 419 | 435 | 3.9 | 11,831 | 12,556 | 12,863 | 47 | Clearfield | 1,070 | 1,130 | 1,177 | 4.1 | 13,629 | 14,488 | 15,050 | 50 |
| Murray | 134 | 138 | 150 | 8.7 | 11,004 | 11,462 | 12,311 | 59 | Clinton | 469 | 483 | 503 | 4.2 | 12,594 | 12,981 | 13,521 | 63 |
| Muskogee | 851 | 889 | 926 | 4.2 | 12,482 | 13,055 | 13,514 | 41 | Columbia | 866 | 914 | 947 | 3.6 | 13,724 | 14,451 | 14,872 | 52 |
| Noble | 144 | 152 | 153 | .7 | 12,934 | 13,765 | 13,766 | 37 | Crawford | 1,163 | 1,246 | 1,292 | 3.7 | 13,455 | 14,466 | 14,912 | 51 |
| Nowata | 117 | 121 | 126 | 4.5 | 11,530 | 12,126 | 12,738 | 55 | Cumberland | 3,529 | 3,689 | 3,835 | 4.0 | 18,190 | 18,843 | 19,354 | 10 |
| Okfuskee | 114 | 119 | 125 | 4.9 | 9,831 | 10,302 | 11,114 | 72 | Dauphin | 4,092 | 4,357 | 4,545 | 4.3 | 17,262 | 18,293 | 18,935 | 14 |
| Oklahoma | 10,448 | 10,526 | 10,960 | 4.1 | 16,724 | 17,558 | 18,072 | 4 | Delaware | 12,192 | 12,814 | 13,110 | 2.3 | 22,220 | 23,402 | 23,869 | 3 |
| Okmulgee | 409 | 429 | 451 | 5.3 | 11,112 | 11,773 | 12,332 | 58 | Elk | 561 | 586 | 613 | 4.5 | 15,960 | 16,849 | 17,476 | 22 |
| Osage | 455 | 480 | 493 | 2.7 | 10,920 | 11,518 | 11,787 | 63 | Erie | 4,220 | 4,474 | 4,693 | 4.9 | 15,284 | 16,239 | 16,886 | 29 |
| Ottawa | 360 | 377 | 391 | 3.7 | 11,673 | 12,366 | 12,755 | 53 | Fayette | 1,915 | 2,038 | 2,142 | 5.1 | 13,064 | 14,056 | 14,644 | 56 |
| Pawnee | 200 | 212 | 218 | 3.1 | 12,761 | 13,628 | 14,045 | 29 | Forest | 59 | 62 | 65 | 3.8 | 12,296 | 12,960 | 13,442 | 64 |
| Payne | 792 | 832 | 879 | 5.6 | 12,841 | 13,536 | 14,197 | 25 | Franklin | 1,881 | 1,975 | 2,069 | 4.7 | 15,615 | 16,276 | 16,796 | 30 |
| Pittsburg | 463 | 496 | 527 | 6.2 | 11,358 | 12,242 | 12,767 | 51 | Fulton | 185 | 200 | 207 | 3.3 | 13,427 | 14,440 | 14,741 | 54 |
| Pontotoc | 427 | 447 | 464 | 3.6 | 12,534 | 13,099 | 13,590 | 40 | Greene | 468 | 498 | 522 | 4.7 | 11,772 | 12,609 | 13,154 | 66 |
| Pottawatomie | 753 | 769 | 803 | 4.4 | 12,766 | 13,100 | 13,621 | 39 | Huntingdon | 510 | 538 | 562 | 4.4 | 11,576 | 12,160 | 12,692 | 67 |
| Pushmataha | 104 | 107 | 114 | 6.6 | 9,396 | 9,725 | 10,319 | 76 | Indiana | 1,181 | 1,253 | 1,300 | 3.7 | 13,091 | 13,928 | 14,375 | 59 |
| Roger Mills | 55 | 58 | 59 | 1.4 | 12,818 | 14,115 | 14,349 | 22 | Jefferson | 658 | 687 | 714 | 4.0 | 14,204 | 14,921 | 15,412 | 42 |
| Rogers | 758 | 818 | 861 | 5.2 | 13,841 | 14,782 | 15,209 | 16 | Juniata | 304 | 316 | 326 | 3.2 | 14,818 | 15,265 | 15,665 | 40 |
| Seminole | 290 | 307 | 321 | 4.4 | 11,254 | 12,136 | 12,834 | 48 | Lackawanna | 3,515 | 3,703 | 3,842 | 3.8 | 16,012 | 16,910 | 17,533 | 20 |
| Sequoyah | 344 | 369 | 387 | 4.8 | 10,238 | 10,877 | 11,344 | 69 | Lancaster | 7,513 | 8,026 | 8,209 | 2.3 | 18,015 | 18,884 | 19,071 | 13 |
| Stephens | 541 | 566 | 603 | 6.6 | 12,719 | 13,397 | 14,012 | 30 | Lawrence | 1,353 | 1,403 | 1,453 | 3.6 | 13,957 | 14,607 | 15,084 | 46 |
| Texas | 252 | 267 | 289 | 8.3 | 15,117 | 16,307 | 17,834 | 6 | Lebanon | 1,754 | 1,881 | 1,959 | 4.2 | 15,498 | 16,503 | 17,017 | 27 |
| Tillman | 121 | 139 | 126 | -9.6 | 11,575 | 13,466 | 12,229 | 60 | Lehigh | 5,507 | 5,809 | 5,984 | 3.0 | 19,044 | 19,900 | 20,328 | 6 |
| Tulsa | 8,927 | 9,580 | 9,934 | 3.7 | 17,784 | 19,008 | 19,333 | 3 | Luzerne | 5,099 | 5,385 | 5,598 | 4.0 | 15,511 | 16,412 | 16,980 | 28 |
| Wagoner | 642 | 664 | 690 | 3.9 | 13,476 | 13,832 | 14,221 | 24 | Lycoming | 1,786 | 1,880 | 1,945 | 3.4 | 15,084 | 15,816 | 16,234 | 35 |
| Washington | 880 | 953 | 986 | 3.4 | 18,379 | 19,790 | 20,275 | 2 | McKean | 642 | 674 | 712 | 5.6 | 13,540 | 14,325 | 15,081 | 47 |
| Washita | 141 | 158 | 152 | -3.8 | 11,996 | 13,922 | 13,218 | 43 | Mercer | 1,724 | 1,829 | 1,915 | 4.7 | 14,193 | 15,130 | 15,731 | 38 |
| Woods | 140 | 153 | 152 | -5 | 15,168 | 16,891 | 16,330 | 13 | Mifflin | 598 | 627 | 645 | 2.9 | 12,939 | 13,555 | 13,875 | 62 |
| Woodward | 251 | 269 | 266 | -1.2 | 12,941 | 14,271 | 14,093 | 28 | Monroe | 1,576 | 1,732 | 1,825 | 5.4 | 16,935 | 17,911 | 18,119 | 16 |
| Oregon | 45,188 | 48,745 | 51,112 | 4.9 | 16,193 | 17,038 | 17,495 | | Montgomery | 18,622 | 20,021 | 20,496 | 2.4 | 27,599 | 29,461 | 29,885 | 1 |
| Metropolitan portion | 33,065 | 35,781 | 37,579 | 5.0 | 17,000 | 17,899 | | | | | | | | | | | |

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1989–91—Continued

Table with columns for Area name, Total personal income (Millions of dollars, Percent change, Dollars, Rank in State), and Per capita personal income (Dollars, Rank in State). Rows include counties from Wayne, Westmoreland, Wyoming, York, Rhode Island, Metropolitan portion, Nonmetropolitan portion, South Carolina, Metropolitan portion, Nonmetropolitan portion, South Dakota, Metropolitan portion, Nonmetropolitan portion, and Tennessee, Metropolitan portion, Nonmetropolitan portion.

See footnotes at end of table.

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1989–91—Continued

| Area name | Total personal income | | | | Per capita personal income ³ | | | | Area name | Total personal income | | | | Per capita personal income ³ | | | |
|-------------------------------|-----------------------|---------|---------|-----------------------------|---|--------|--------|---------------|---------------------|-----------------------|--------|--------|-----------------------------|---|--------|--------|---------------|
| | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State | | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State |
| | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | | | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | |
| Hickman | 194 | 206 | 219 | 6.5 | 11,675 | 12,251 | 12,705 | 58 | Callahan | 140 | 147 | 156 | 5.8 | 11,871 | 12,394 | 13,082 | 199 |
| Houston | 81 | 84 | 90 | 6.7 | 11,514 | 11,967 | 12,691 | 59 | Cameron | 2,236 | 2,469 | 2,641 | 7.0 | 8,709 | 9,448 | 9,824 | 243 |
| Humphreys | 197 | 203 | 212 | 4.0 | 12,471 | 12,867 | 13,405 | 47 | Camp | 159 | 159 | 166 | 4.3 | 16,006 | 16,060 | 16,547 | 62 |
| Jackson | 89 | 93 | 99 | 5.9 | 9,543 | 10,022 | 10,822 | 85 | Carson | 91 | 104 | 106 | 1.9 | 13,877 | 15,792 | 16,209 | 70 |
| Jefferson | 405 | 430 | 459 | 6.7 | 12,284 | 13,024 | 13,511 | 44 | Cass | 374 | 398 | 419 | 5.3 | 12,461 | 13,266 | 13,869 | 170 |
| Johnson | 123 | 136 | 146 | 8.0 | 8,895 | 9,851 | 10,347 | 90 | Castro | 117 | 139 | 144 | 3.6 | 12,767 | 15,358 | 16,307 | 67 |
| Knox | 5,497 | 5,841 | 6,143 | 5.2 | 16,419 | 17,374 | 17,937 | 6 | Chambers | 255 | 273 | 295 | 7.7 | 12,644 | 13,627 | 14,492 | 134 |
| Lake | 68 | 79 | 79 | 7 | 9,488 | 11,092 | 11,186 | 81 | Cherokee | 538 | 571 | 601 | 5.3 | 13,179 | 13,883 | 14,784 | 122 |
| Lauderdale | 273 | 285 | 297 | 4.4 | 11,579 | 12,117 | 12,662 | 61 | Cherokee | 80 | 87 | 85 | -2.2 | 13,376 | 14,678 | 14,271 | 144 |
| Lawrence | 422 | 463 | 496 | 7.2 | 11,974 | 13,085 | 13,747 | 37 | Clay | 132 | 140 | 139 | -6 | 13,147 | 13,907 | 14,201 | 152 |
| | | | | | | | | | Cochran | 48 | 62 | 61 | -1.6 | 10,934 | 14,234 | 14,765 | 124 |
| Lewis | 91 | 97 | 103 | 7.0 | 9,755 | 10,455 | 10,714 | 87 | Coke | 46 | 46 | 49 | 6.7 | 13,335 | 13,399 | 14,342 | 138 |
| Lincoln | 363 | 391 | 399 | 2.1 | 12,955 | 13,840 | 14,041 | 34 | Coleman | 124 | 120 | 123 | 1.9 | 12,676 | 12,416 | 13,023 | 202 |
| Loudon | 422 | 455 | 482 | 5.9 | 13,582 | 14,509 | 14,913 | 23 | Collin | 5,320 | 5,885 | 6,261 | 6.4 | 20,910 | 21,997 | 22,571 | 8 |
| McMinn | 533 | 567 | 589 | 3.8 | 12,574 | 13,382 | 13,764 | 36 | Collingsworth | 44 | 50 | 48 | -5.0 | 12,053 | 14,176 | 13,578 | 182 |
| McNairy | 273 | 283 | 292 | 3.3 | 12,159 | 12,594 | 12,895 | 55 | Colorado | 256 | 268 | 287 | 6.9 | 13,802 | 14,645 | 15,656 | 89 |
| Macon | 170 | 180 | 193 | 7.5 | 10,730 | 11,302 | 11,979 | 72 | Comal | 863 | 924 | 983 | 6.3 | 16,970 | 17,712 | 18,413 | 32 |
| Madison | 1,098 | 1,208 | 1,273 | 5.4 | 14,111 | 15,477 | 16,101 | 12 | Comanche | 170 | 192 | 189 | -1.6 | 12,707 | 14,329 | 14,206 | 151 |
| Marion | 279 | 300 | 315 | 4.8 | 11,274 | 12,062 | 12,509 | 64 | Concho | 42 | 47 | 45 | -4.2 | 13,886 | 15,311 | 14,728 | 127 |
| Marshall | 296 | 317 | 333 | 5.1 | 13,848 | 14,656 | 14,816 | 24 | Cooke | 399 | 418 | 436 | 4.3 | 13,118 | 13,539 | 14,317 | 141 |
| Maury | 809 | 918 | 1,061 | 15.5 | 14,837 | 16,715 | 18,188 | 5 | Coryell | 735 | 771 | 792 | 2.7 | 11,568 | 11,960 | 12,597 | 214 |
| Meigs | 88 | 98 | 105 | 7.1 | 11,075 | 12,130 | 12,682 | 60 | Cottle | 34 | 37 | 37 | -9 | 14,658 | 16,667 | 17,082 | 52 |
| Monroe | 335 | 352 | 371 | 5.5 | 10,998 | 11,509 | 12,017 | 70 | Crane | 59 | 61 | 64 | 5.4 | 12,546 | 13,068 | 13,445 | 186 |
| Montgomery | 1,277 | 1,334 | 1,415 | 6.1 | 12,927 | 13,191 | 13,736 | 38 | Crockett | 53 | 55 | 59 | 7.5 | 12,797 | 13,502 | 14,175 | 153 |
| Moore | 51 | 52 | 53 | 1.9 | 10,706 | 11,084 | 10,998 | 84 | Crosby | 88 | 104 | 82 | -21.7 | 11,910 | 13,327 | 11,300 | 231 |
| Morgan | 170 | 183 | 192 | 4.8 | 9,890 | 10,560 | 11,046 | 82 | Culberson | 34 | 35 | 34 | -3.4 | 9,824 | 10,361 | 10,526 | 235 |
| Obion | 442 | 461 | 463 | 4 | 13,879 | 14,534 | 14,579 | 28 | Dallam | 82 | 87 | 104 | 20.1 | 14,573 | 15,984 | 18,698 | 29 |
| Overton | 161 | 169 | 179 | 5.8 | 9,133 | 9,594 | 10,055 | 92 | Dallas | 37,033 | 39,514 | 41,212 | 4.3 | 20,198 | 21,244 | 21,840 | 10 |
| Perry | 75 | 78 | 82 | 5.5 | 11,407 | 11,772 | 12,177 | 68 | Dawson | 177 | 218 | 176 | -19.0 | 12,164 | 15,243 | 12,404 | 219 |
| Pickett | 36 | 39 | 42 | 8.0 | 7,980 | 8,626 | 9,368 | 95 | Deaf Smith | 257 | 275 | 286 | 4.0 | 13,392 | 14,371 | 15,331 | 100 |
| Polk | 141 | 153 | 154 | 7 | 10,365 | 11,216 | 11,217 | 80 | Delta | 59 | 62 | 63 | 2.2 | 12,307 | 12,747 | 13,180 | 196 |
| Putnam | 719 | 756 | 795 | 5.2 | 14,080 | 14,674 | 15,182 | 19 | Denton | 4,550 | 4,864 | 5,121 | 5.3 | 17,400 | 17,497 | 18,014 | 39 |
| Rhea | 314 | 339 | 353 | 4.2 | 12,903 | 13,923 | 14,270 | 30 | De Witt | 234 | 246 | 257 | 4.6 | 12,292 | 13,092 | 14,028 | 165 |
| Roane | 685 | 729 | 768 | 5.4 | 14,473 | 15,445 | 16,091 | 13 | Dickens | 34 | 36 | 36 | -9 | 13,017 | 14,031 | 14,326 | 140 |
| Robertson | 531 | 565 | 605 | 7.0 | 12,952 | 13,561 | 14,149 | 32 | Dimmit | 69 | 80 | 85 | 5.6 | 6,558 | 7,703 | 7,847 | 251 |
| Rutherford | 1,722 | 1,859 | 1,990 | 7.0 | 14,881 | 15,539 | 16,047 | 14 | Donley | 52 | 61 | 62 | 2.5 | 13,862 | 16,441 | 17,481 | 46 |
| Scott | 190 | 204 | 215 | 5.6 | 10,260 | 11,120 | 11,569 | 79 | Duval | 115 | 123 | 127 | 3.4 | 8,915 | 9,550 | 9,935 | 241 |
| Sequatchie | 91 | 99 | 104 | 5.1 | 10,283 | 11,197 | 11,616 | 78 | Eastland | 223 | 236 | 246 | 3.9 | 11,921 | 12,820 | 13,409 | 188 |
| Sevier | 663 | 732 | 777 | 6.2 | 13,219 | 14,255 | 14,610 | 26 | Ector | 1,740 | 1,791 | 1,913 | 6.8 | 14,504 | 15,098 | 15,833 | 81 |
| Shelby | 14,307 | 15,294 | 16,052 | 5.0 | 17,384 | 18,475 | 19,200 | 3 | Edwards | 26 | 26 | 27 | 5.0 | 11,799 | 11,489 | 12,837 | 221 |
| Smith | 194 | 206 | 218 | 5.6 | 13,688 | 14,577 | 15,127 | 20 | Elis | 1,249 | 1,317 | 1,391 | 5.7 | 15,021 | 15,331 | 16,063 | 75 |
| Stewart | 106 | 111 | 118 | 7.0 | 11,208 | 11,653 | 12,244 | 66 | El Paso | 6,398 | 6,809 | 7,198 | 5.7 | 10,992 | 11,441 | 11,764 | 227 |
| Sullivan | 2,129 | 2,298 | 2,405 | 4.7 | 14,820 | 15,996 | 16,583 | 11 | Erath | 401 | 436 | 436 | 6.0 | 14,594 | 15,464 | 15,644 | 95 |
| Sumner | 1,614 | 1,728 | 1,824 | 5.5 | 15,862 | 16,641 | 17,313 | 8 | Falls | 199 | 209 | 229 | 10.0 | 11,231 | 11,777 | 13,090 | 198 |
| Tipton | 71 | 77 | 81 | 4.3 | 10,257 | 10,309 | 10,510 | 45 | Fannin | 322 | 336 | 349 | 3.9 | 12,998 | 13,546 | 14,276 | 142 |
| Trousdale | 71 | 77 | 81 | 4.3 | 10,257 | 10,309 | 10,510 | 45 | Fayette | 304 | 320 | 342 | 6.6 | 15,103 | 15,937 | 17,075 | 53 |
| Union | 196 | 210 | 221 | 5.1 | 11,830 | 12,700 | 13,327 | 48 | Fisher | 61 | 70 | 56 | -19.6 | 12,447 | 14,488 | 12,193 | 224 |
| Van Buren | 42 | 45 | 48 | 5.5 | 8,752 | 9,329 | 9,719 | 94 | Floyd | 108 | 132 | 131 | -1.1 | 12,593 | 15,599 | 15,283 | 103 |
| Warren | 394 | 416 | 433 | 4.0 | 11,981 | 12,594 | 12,939 | 54 | Foard | 25 | 33 | 28 | -17.0 | 13,981 | 18,619 | 15,868 | 80 |
| Washington | 1,375 | 1,486 | 1,569 | 5.6 | 14,883 | 16,089 | 16,664 | 10 | Fort Bend | 3,377 | 4,267 | 4,676 | 9.6 | 17,083 | 18,726 | 19,999 | 20 |
| Wayne | 146 | 155 | 166 | 7.1 | 10,490 | 11,094 | 11,788 | 75 | Franklin | 108 | 113 | 117 | 4.1 | 13,998 | 14,368 | 14,883 | 119 |
| Weakley | 409 | 427 | 443 | 3.5 | 12,739 | 13,380 | 13,882 | 35 | Freestone | 200 | 211 | 223 | 5.9 | 12,628 | 13,341 | 14,134 | 156 |
| White | 243 | 252 | 263 | 4.5 | 12,129 | 12,529 | 12,949 | 53 | Frio | 103 | 125 | 142 | 13.1 | 7,600 | 9,308 | 9,757 | 244 |
| Williamson | 1,849 | 1,984 | 2,132 | 7.4 | 23,336 | 24,290 | 25,089 | 1 | Gaines | 153 | 184 | 147 | -19.8 | 10,741 | 13,020 | 10,966 | 236 |
| Wilson | 1,070 | 1,144 | 1,211 | 5.9 | 16,056 | 16,803 | 17,390 | 7 | Galveston | 3,599 | 3,822 | 4,083 | 6.8 | 16,627 | 17,549 | 18,316 | 34 |
| Texas | 263,238 | 283,120 | 299,225 | 5.7 | 15,663 | 16,600 | 17,248 | ..... | Garza | 54 | 61 | 59 | -3.1 | 10,279 | 11,894 | 11,707 | 229 |
| Metropolitan portion | 227,281 | 244,756 | 259,246 | 5.9 | 16,249 | 17,197 | 17,961 | ..... | Gillespie | 270 | 285 | 305 | 6.9 | 15,951 | 16,473 | 17,455 | 47 |
| Nonmetropolitan portion | 35,958 | 38,365 | 39,979 | 4.2 | 12,755 | 13,591 | 14,109 | ..... | Glasscock | 24 | 29 | 25 | -13.5 | 16,734 | 19,854 | 17,036 | 55 |
| Anderson | 550 | 572 | 604 | 5.7 | 11,540 | 11,870 | 12,581 | 216 | Goliad | 74 | 76 | 83 | 8.9 | 12,502 | 12,626 | 13,690 | 177 |
| Andrews | 202 | 213 | 219 | 2.6 | 13,944 | 14,907 | 14,919 | 117 | Gonzales | 225 | 235 | 250 | 6.3 | 13,082 | 13,889 | 14,414 | 136 |
| Angelina | 966 | 1,029 | 1,088 | 5.7 | 13,899 | 14,694 | 15,356 | 99 | Gray | 407 | 412 | 424 | 3.0 | 16,747 | 17,261 | 17,898 | 41 |
| Aransas | 236 | 249 | 265 | 6.4 | 13,296 | 13,855 | 14,266 | 145 | Grayson | 1,437 | 1,507 | 1,574 | 4.4 | 15,172 | 15,833 | 16,398 | 63 |
| Archer | 121 | 133 | 130 | -2.1 | 15,314 | 16,589 | 16,834 | 58 | Gregg | 1,634 | 1,728 | 1,832 | 6.0 | 15,550 | 16,463 | 17,069 | 54 |
| Armstrong | 35 | 38 | 39 | 3.4 | 17,653 | 18,666 | 20,354 | 16 | Groesbeck | 217 | 235 | 248 | 5.2 | 11,594 | 12,481 | 12,892 | 205 |
| | | | | | | | | | | | | | | | | | |

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1989-91—Continued

| Area name | Total personal income | | | | Per capita personal income ³ | | | | Area name | Total personal income | | | | Per capita personal income ³ | | | |
|-------------|-----------------------|-------|-------|-----------------------------|---|--------|--------|---------------|--------------------------------|-----------------------|---------------|---------------|-----------------------------|---|---------------|---------------|---------------|
| | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State | | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State |
| | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | | | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | |
| Irion | 28 | 29 | 31 | 5.6 | 17,333 | 17,936 | 19,500 | 19 | San Saba | 74 | 77 | 78 | .6 | 13,538 | 14,352 | 14,978 | 115 |
| Jack | 87 | 92 | 96 | 5.0 | 12,359 | 13,206 | 14,212 | 150 | Schleicher | 36 | 37 | 40 | 7.4 | 11,896 | 12,492 | 13,313 | 134 |
| Jackson | 179 | 183 | 202 | 10.7 | 13,677 | 14,054 | 15,756 | 84 | Scurry | 237 | 266 | 270 | 1.4 | 12,579 | 14,324 | 14,822 | 130 |
| Jasper | 387 | 410 | 441 | 7.7 | 12,436 | 13,180 | 14,145 | 155 | Shackelford | 53 | 57 | 60 | 4.8 | 15,533 | 17,370 | 17,935 | 40 |
| Jeff Davis | 23 | 25 | 26 | 5.1 | 12,044 | 12,846 | 13,693 | 176 | Shelby | 280 | 289 | 302 | 4.6 | 12,674 | 13,102 | 13,643 | 178 |
| Jefferson | 3,870 | 4,066 | 4,393 | 8.0 | 16,090 | 17,005 | 18,108 | 38 | Sherman | 66 | 81 | 92 | 14.0 | 22,751 | 28,304 | 31,939 | 1 |
| Jim Hogg | 63 | 68 | 72 | 5.4 | 12,261 | 13,350 | 14,126 | 161 | Smith | 2,462 | 2,625 | 2,792 | 6.4 | 16,411 | 17,291 | 18,159 | 37 |
| Jim Wells | 373 | 413 | 445 | 7.8 | 9,860 | 10,965 | 11,669 | 230 | Somervell | 76 | 77 | 80 | 2.8 | 14,505 | 14,313 | 14,766 | 123 |
| Johnson | 1,405 | 1,492 | 1,553 | 4.1 | 14,781 | 15,240 | 15,764 | 83 | Starr | 173 | 200 | 221 | 10.8 | 4,401 | 4,801 | 5,202 | 254 |
| Jones | 203 | 222 | 211 | -4.9 | 12,170 | 13,525 | 13,032 | 201 | Stephens | 115 | 117 | 119 | 1.6 | 12,530 | 13,104 | 13,830 | 174 |
| Karnes | 138 | 146 | 155 | 6.6 | 11,020 | 11,736 | 12,594 | 215 | Sterling | 17 | 19 | 21 | 8.1 | 11,822 | 13,252 | 13,974 | 167 |
| Kaufman | 771 | 829 | 877 | 5.8 | 15,032 | 15,764 | 16,365 | 65 | Stonewall | 33 | 36 | 35 | -2.1 | 15,911 | 17,978 | 17,330 | 49 |
| Kendall | 301 | 319 | 344 | 7.8 | 21,026 | 21,729 | 22,432 | 9 | Sutton | 55 | 59 | 66 | 11.9 | 12,692 | 14,334 | 15,106 | 110 |
| Kenedy | 9 | 9 | 10 | 7.0 | 18,665 | 20,698 | 23,490 | 6 | Swisher | 129 | 154 | 161 | 4.6 | 15,718 | 19,032 | 20,175 | 17 |
| Kent | 13 | 13 | 14 | 3.4 | 12,520 | 13,144 | 14,133 | 157 | Tarrant | 20,364 | 21,787 | 22,882 | 5.0 | 17,716 | 18,502 | 19,062 | 24 |
| Kerr | 635 | 665 | 691 | 3.9 | 17,663 | 18,238 | 18,711 | 28 | Taylor | 1,779 | 1,839 | 1,939 | 5.4 | 14,876 | 15,360 | 16,347 | 66 |
| Kimble | 60 | 62 | 66 | 5.7 | 14,577 | 15,035 | 15,876 | 79 | Terrell | 24 | 25 | 25 | 1.0 | 16,723 | 17,624 | 17,850 | 42 |
| King | 5 | 6 | 6 | -4.7 | 15,247 | 18,133 | 18,882 | 27 | Terry | 152 | 171 | 170 | -5.1 | 11,368 | 12,958 | 12,947 | 204 |
| Kinney | 30 | 31 | 33 | 8.3 | 9,828 | 9,726 | 10,639 | 234 | Throckmorton | 33 | 41 | 39 | -3.9 | 17,174 | 21,601 | 20,942 | 12 |
| Kleberg | 366 | 386 | 409 | 5.9 | 11,983 | 12,770 | 13,522 | 184 | Titus | 331 | 362 | 380 | 5.2 | 13,842 | 15,029 | 15,680 | 88 |
| Knox | 64 | 73 | 74 | 1.3 | 13,053 | 15,082 | 15,442 | 96 | Tom Green | 1,443 | 1,515 | 1,601 | 5.7 | 14,807 | 15,334 | 16,252 | 69 |
| Lamar | 609 | 635 | 667 | 4.9 | 13,892 | 14,437 | 15,114 | 109 | Travis | 9,736 | 10,916 | 11,744 | 7.6 | 17,167 | 18,829 | 19,725 | 18 |
| Lamb | 210 | 236 | 229 | -2.9 | 13,710 | 15,721 | 15,319 | 102 | Trinity | 129 | 134 | 142 | 6.0 | 11,380 | 11,662 | 12,396 | 220 |
| Lampasas | 173 | 182 | 188 | 3.5 | 12,849 | 13,406 | 13,958 | 168 | Tyler | 218 | 234 | 252 | 7.9 | 13,023 | 14,050 | 14,854 | 120 |
| La Salle | 44 | 47 | 51 | 8.1 | 8,203 | 9,051 | 9,472 | 246 | Upshur | 373 | 399 | 424 | 6.1 | 11,935 | 12,713 | 13,179 | 197 |
| Lavaca | 266 | 274 | 291 | 6.3 | 14,239 | 14,642 | 15,476 | 94 | Upton | 60 | 62 | 63 | 2.8 | 13,200 | 13,953 | 14,700 | 128 |
| Lee | 169 | 182 | 195 | 7.4 | 13,142 | 14,132 | 15,171 | 106 | Uvalde | 264 | 279 | 289 | 3.9 | 11,318 | 11,925 | 12,231 | 232 |
| Leon | 166 | 176 | 193 | 10.0 | 13,353 | 13,827 | 15,018 | 113 | Val Verde | 82 | 97 | 98 | 9.2 | 9,738 | 9,938 | 10,378 | 227 |
| Liberty | 675 | 731 | 784 | 7.2 | 12,824 | 13,855 | 14,594 | 131 | Van Zandt | 510 | 539 | 571 | 5.9 | 13,583 | 14,146 | 14,758 | 125 |
| Limestone | 254 | 268 | 281 | 4.8 | 12,252 | 12,747 | 13,395 | 189 | Victoria | 1,154 | 1,241 | 1,335 | 7.5 | 15,557 | 16,677 | 17,625 | 45 |
| Lipscomb | 49 | 57 | 57 | -1.1 | 15,191 | 18,345 | 18,227 | 36 | Walker | 606 | 641 | 664 | 3.6 | 11,959 | 12,557 | 12,877 | 206 |
| Live Oak | 116 | 121 | 135 | 11.6 | 12,086 | 12,703 | 13,852 | 172 | Wall | 292 | 315 | 337 | 7.1 | 12,586 | 13,436 | 14,254 | 146 |
| Llano | 194 | 204 | 218 | 6.7 | 16,737 | 17,528 | 18,528 | 31 | Ward | 182 | 182 | 189 | 3.8 | 13,591 | 13,967 | 14,684 | 129 |
| Loving | 2 | 3 | 3 | 9.1 | 21,523 | 24,514 | 28,630 | 2 | Washington | 455 | 476 | 496 | 4.3 | 17,606 | 18,112 | 18,928 | 26 |
| Lubbock | 3,165 | 3,378 | 3,498 | 3.5 | 14,301 | 15,138 | 15,577 | 91 | Webb | 1,058 | 1,188 | 1,332 | 12.2 | 8,121 | 8,840 | 9,529 | 245 |
| Lynn | 85 | 104 | 90 | -13.1 | 12,330 | 15,472 | 13,323 | 193 | Wharton | 537 | 573 | 594 | 3.7 | 13,387 | 14,350 | 14,904 | 118 |
| McCulloch | 109 | 113 | 118 | 4.3 | 12,505 | 12,819 | 14,029 | 164 | Wheeler | 83 | 87 | 92 | 5.7 | 13,866 | 14,907 | 16,042 | 76 |
| McLennan | 2,638 | 2,801 | 2,983 | 6.5 | 14,048 | 14,771 | 15,623 | 90 | Wichita | 1,966 | 2,057 | 2,119 | 3.0 | 16,086 | 16,794 | 17,396 | 48 |
| McMullen | 18 | 19 | 20 | 3.6 | 22,324 | 23,460 | 25,478 | 3 | Wilbarger | 203 | 231 | 223 | -3.4 | 13,230 | 15,319 | 14,977 | 116 |
| Madison | 142 | 148 | 155 | 4.6 | 12,948 | 13,582 | 14,149 | 154 | Willacy | 125 | 127 | 143 | 13.0 | 7,032 | 7,161 | 7,959 | 249 |
| Marion | 105 | 112 | 119 | 5.9 | 10,471 | 11,229 | 11,910 | 226 | Williamson | 1,864 | 2,072 | 2,257 | 8.9 | 13,884 | 14,646 | 15,397 | 98 |
| Marin | 68 | 79 | 68 | -13.5 | 13,727 | 15,890 | 14,216 | 149 | Wilson | 254 | 281 | 299 | 6.4 | 11,497 | 12,316 | 12,851 | 207 |
| Mason | 47 | 50 | 51 | 4 | 13,454 | 14,809 | 15,134 | 108 | Winkler | 99 | 104 | 110 | 5.0 | 11,112 | 12,216 | 12,699 | 212 |
| Matagorda | 557 | 546 | 614 | 12.5 | 14,967 | 14,816 | 16,156 | 71 | Wise | 438 | 469 | 493 | 5.1 | 12,816 | 13,443 | 13,888 | 169 |
| Maverick | 223 | 250 | 274 | 9.4 | 6,198 | 6,846 | 7,129 | 253 | Wood | 384 | 403 | 424 | 5.1 | 13,201 | 13,668 | 14,274 | 143 |
| Medora | 321 | 349 | 373 | 6.9 | 11,917 | 12,707 | 13,266 | 195 | Yoakum | 119 | 133 | 137 | 3.1 | 13,451 | 15,147 | 15,736 | 86 |
| Menard | 29 | 29 | 31 | 6.7 | 13,071 | 12,769 | 13,776 | 175 | Young | 295 | 311 | 319 | 2.5 | 16,177 | 17,201 | 17,796 | 43 |
| Midland | 1,938 | 2,110 | 2,223 | 5.3 | 18,270 | 19,755 | 20,357 | 15 | Zapala | 65 | 69 | 76 | 9.9 | 7,174 | 7,435 | 8,003 | 248 |
| Milam | 304 | 317 | 339 | 7.2 | 13,172 | 13,812 | 14,837 | 121 | Zavala | 73 | 83 | 88 | 6.7 | 6,039 | 6,789 | 7,207 | 252 |
| Mills | 63 | 66 | 69 | 4.2 | 13,978 | 14,527 | 15,872 | 111 | Utah | 22,515 | 24,274 | 25,893 | 6.7 | 13,199 | 14,036 | 14,628 | |
| Mitchell | 96 | 102 | 99 | -3.3 | 11,775 | 12,767 | 12,669 | 213 | Metropolitan portion | 17,889 | 19,321 | 20,659 | 6.9 | 13,538 | 14,405 | 15,054 | |
| Montague | 211 | 223 | 235 | 5.1 | 12,149 | 12,938 | 13,587 | 180 | Nonmetropolitan portion | 4,626 | 4,953 | 5,235 | 6.7 | 12,032 | 12,761 | 13,157 | |
| Montgomery | 2,835 | 3,156 | 3,432 | 8.7 | 16,029 | 17,140 | 17,774 | 44 | Beaver | 53 | 56 | 58 | 2.6 | 11,129 | 11,863 | 12,075 | 19 |
| Moore | 244 | 255 | 276 | 8.1 | 13,643 | 14,265 | 15,162 | 107 | Box Elder | 524 | 549 | 575 | 4.7 | 14,477 | 15,008 | 15,579 | 6 |
| Morris | 162 | 176 | 186 | 5.9 | 12,211 | 13,331 | 14,130 | 159 | Cache | 804 | 860 | 914 | 6.3 | 11,600 | 12,191 | 12,712 | 13 |
| Motley | 21 | 22 | 22 | 7.6 | 13,423 | 14,587 | 15,228 | 104 | Carbon | 290 | 304 | 314 | 3.3 | 13,152 | 15,102 | 15,487 | 7 |
| Nacogdoches | 673 | 714 | 747 | 4.6 | 12,462 | 12,978 | 13,615 | 179 | Daggett | 11 | 12 | 12 | 7.2 | 15,169 | 16,723 | 16,853 | 2 |
| Navarro | 527 | 549 | 580 | 5.6 | 13,247 | 13,709 | 14,588 | 132 | Davis | 2,341 | 2,546 | 2,718 | 6.8 | 12,627 | 13,477 | 13,996 | 10 |
| Newton | 127 | 136 | 145 | 7.3 | 9,392 | 9,971 | 10,825 | 233 | Duchesne | 144 | 153 | 159 | 3.9 | 11,170 | 12,143 | 12,380 | 16 |
| Nolan | 216 | 227 | 231 | 1.6 | 12,958 | 13,711 | 14,108 | 163 | Emery | 113 | 115 | 116 | .6 | 10,691 | 11,233 | 11,187 | 24 |
| Nueces | 3,987 | 4,318 | 4,618 | 6.9 | 13,734 | 14,812 | 15,596 | 92 | Garfield | 49 | 50 | 51 | 1.9 | 12,224 | 12,553 | 12,727 | 12 |
| Ochiltree | 128 | 159 | 149 | -6.5 | 13,763 | 17,548 | 16,829 | 59 | Grand | 82 | 89 | 93 | 5.1 | 12,172 | 13,494 | 13,841 | 11 |
| Oldham | 41 | 48 | 51 | 6.0 | 18,092 | 20,910 | 23,007 | 7 | Iron | 209 | 231 | 236 | 2.1 | 10,093 | 11,108 | 11,039 | 26 |
| Orange | 1,152 | 1,244 | 1,369 | 10.0 | 14,301 | 15,450 | 16,703 | 60 | Juab | 58 | 61 | 68 | 11.0 | 9,925 | 10,540 | 11,470 | 2 |

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1989–91—Continued

| Area name | Total personal income | | | | Per capita personal income ³ | | | | Area name | Total personal income | | | | Per capita personal income ³ | | | | | | |
|-------------------------|-----------------------|---------|---------|-----------------------------|---|--------|--------|---------------|-------------------------------|-----------------------------------|--------|--------|-----------------------------|---|--------|--------|---------------|------|--|--|
| | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State | | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State | | | |
| | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | | | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | | 1991 | | |
| Caledonia | 377 | 400 | 413 | 3.2 | 13,664 | 14,316 | 14,702 | 12 | Independent Cities: | | | | | | | | | | | |
| Chittenden | 2,496 | 2,682 | 2,743 | 2.3 | 19,155 | 20,271 | 20,661 | 1 | | Alexandria | 3,411 | 3,561 | 3,672 | 3.1 | 30,812 | 31,976 | 32,409 | 1 | | |
| Essex | 72 | 75 | 76 | 1.1 | 11,306 | 11,724 | 11,854 | 14 | | Chesapeake | 2,381 | 2,571 | 2,741 | 6.6 | 16,035 | 16,775 | 17,271 | 39 | | |
| Franklin | 568 | 604 | 622 | 2.9 | 14,372 | 15,051 | 15,288 | 11 | | Hampton | 1,881 | 1,931 | 2,033 | 5.3 | 14,174 | 14,388 | 14,975 | 70 | | |
| Grand Isle | 91 | 97 | 102 | 4.8 | 17,253 | 18,196 | 18,392 | 5 | | Newport News | 2,494 | 2,602 | 2,742 | 5.4 | 14,774 | 15,260 | 15,784 | 56 | | |
| Lamoille | 313 | 338 | 350 | 3.6 | 16,087 | 17,035 | 17,218 | 8 | | Norfolk | 4,079 | 4,177 | 4,291 | 2.7 | 15,523 | 16,017 | 16,811 | 42 | | |
| Orange | 398 | 413 | 423 | 2.5 | 15,432 | 15,706 | 15,999 | 10 | | Portsmouth | 1,473 | 1,501 | 1,582 | 5.4 | 14,083 | 14,480 | 15,243 | 63 | | |
| Orleans | 313 | 333 | 342 | 2.8 | 13,037 | 13,829 | 14,102 | 13 | | Richmond | 4,501 | 4,783 | 4,863 | 1.7 | 21,993 | 23,610 | 23,883 | 8 | | |
| | | | | | | | | | | Roanoke | 1,699 | 1,849 | 1,896 | 2.5 | 17,472 | 19,238 | 19,501 | 21 | | |
| Rutland | 1,030 | 1,076 | 1,100 | 2.3 | 16,711 | 17,262 | 17,625 | 7 | | Suffolk | 813 | 881 | 911 | 3.5 | 15,883 | 16,862 | 17,310 | 38 | | |
| Washington | 911 | 954 | 970 | 1.6 | 16,689 | 17,328 | 17,652 | 6 | | Virginia Beach | 6,557 | 6,978 | 7,264 | 4.1 | 17,146 | 17,578 | 18,085 | 29 | | |
| Windham | 725 | 762 | 778 | 2.1 | 17,597 | 18,266 | 18,824 | 3 | | | | | | | | | | | | |
| Windsor | 991 | 1,005 | 1,005 | 1.1 | 17,880 | 18,342 | 18,509 | 4 | | | | | | | | | | | | |
| Virginia | 115,544 | 122,260 | 125,896 | 3.0 | 18,879 | 19,679 | 20,046 | | | | | | | | | | | | | |
| Metropolitan portion | 95,519 | 100,992 | 104,072 | 3.0 | 20,289 | 21,050 | 21,448 | | | Combination Areas: ⁵ | | | | | | | | | | |
| Nonmetropolitan portion | 20,025 | 21,269 | 21,825 | 2.6 | 14,179 | 15,029 | 15,283 | | | Albemarle + Charlottesville | 2,067 | 2,178 | 2,219 | 1.9 | 19,208 | 20,048 | 20,303 | 17 | | |
| Accomack | 445 | 461 | 466 | 1.0 | 14,026 | 14,538 | 14,548 | 79 | | Allegheny, Clifton Frg. + | | | | | | | | | | |
| Amelia | 128 | 136 | 139 | 2.3 | 14,644 | 15,436 | 15,452 | 60 | | Covington | 343 | 359 | 369 | 2.8 | 13,574 | 14,530 | 14,895 | 74 | | |
| Amherst | 338 | 356 | 367 | 3.1 | 11,832 | 12,454 | 12,720 | 101 | | Augusta, Staunton + Waynesboro | 1,496 | 1,610 | 1,623 | 1.8 | 15,414 | 16,444 | 16,417 | 50 | | |
| Appomattox | 170 | 179 | 184 | 2.7 | 13,832 | 14,584 | 14,709 | 77 | | Bedford + Bedford City | 793 | 861 | 883 | 2.5 | 15,605 | 16,545 | 16,578 | 46 | | |
| Arlington | 4,971 | 5,056 | 5,166 | 2.2 | 29,178 | 29,540 | 30,038 | 2 | | Campbell + Lynchburg | 1,818 | 1,885 | 1,921 | 1.9 | 15,964 | 16,602 | 16,750 | 43 | | |
| Bath | 84 | 86 | 89 | 3.2 | 17,193 | 18,010 | 18,648 | 24 | | Carroll + Galax | 398 | 420 | 433 | 3.2 | 11,956 | 12,613 | 12,902 | 99 | | |
| Bland | 73 | 81 | 81 | 3 | 11,275 | 12,342 | 12,534 | 102 | | Dimwiddle, Col. Hts. + Petersburg | 1,152 | 1,215 | 1,247 | 2.7 | 15,314 | 16,092 | 16,330 | 51 | | |
| Botetourt | 414 | 442 | 453 | 2.5 | 16,663 | 17,300 | 17,757 | 34 | | Fairfax, Fairfax City + Falls | | | | | | | | | | |
| Brunswick | 190 | 204 | 209 | 2.3 | 11,842 | 12,555 | 12,982 | 98 | | Church | 23,255 | 24,724 | 25,364 | 2.6 | 28,060 | 28,928 | 29,554 | 3 | | |
| Buchanan | 411 | 442 | 449 | 1.6 | 12,910 | 14,183 | 14,530 | 80 | | Frederick + Winchester | 1,069 | 1,147 | 1,183 | 3.1 | 16,124 | 16,835 | 17,049 | 40 | | |
| | | | | | | | | | | Greensville + Emporia | 200 | 220 | 238 | 8.2 | 13,832 | 15,614 | 16,520 | 48 | | |
| Buckingham | 158 | 165 | 170 | 3.3 | 12,346 | 12,759 | 13,042 | 96 | | Halifax + South Boston | 487 | 510 | 520 | 1.9 | 13,454 | 14,184 | 14,414 | 83 | | |
| Caroline | 301 | 316 | 326 | 3.1 | 15,764 | 16,415 | 16,465 | 49 | | Henry + Martinsville | 1,175 | 1,210 | 1,225 | 1.2 | 16,095 | 16,541 | 16,748 | 44 | | |
| Charles City | 111 | 112 | 113 | 0.8 | 17,705 | 17,773 | 17,998 | 30 | | James City + Williamsburg | 754 | 832 | 872 | 4.9 | 16,756 | 17,733 | 18,209 | 27 | | |
| Charlotte | 146 | 154 | 159 | 3.0 | 12,518 | 13,183 | 13,379 | 93 | | Montgomery + Radford | 1,140 | 1,199 | 1,209 | 9 | 12,798 | 13,299 | 13,481 | 90 | | |
| Chesterfield | 3,941 | 4,284 | 4,379 | 2.7 | 19,349 | 20,181 | 20,153 | 18 | | Pittsylvania + Danville | 1,568 | 1,622 | 1,663 | 2.5 | 14,175 | 14,989 | 15,221 | 64 | | |
| Clarke | 264 | 277 | 283 | 2.1 | 22,242 | 22,702 | 23,508 | 9 | | Prince George + Hopewell | 629 | 685 | 692 | 1.1 | 12,427 | 13,569 | 13,741 | 87 | | |
| Craig | 55 | 57 | 59 | 4.8 | 12,642 | 12,918 | 13,030 | 97 | | Pr. William, Manassas + | | | | | | | | | | |
| Culpeper | 461 | 505 | 522 | 3.3 | 16,915 | 18,044 | 18,290 | 26 | | Manassas Park | 4,844 | 5,119 | 5,293 | 3.4 | 19,991 | 20,207 | 20,599 | 16 | | |
| Cumberland | 106 | 110 | 114 | 4.1 | 13,494 | 14,021 | 14,518 | 81 | | Roanoke + Salem | 1,931 | 2,028 | 2,053 | 1.2 | 18,808 | 19,643 | 19,745 | 20 | | |
| Dickenson | 215 | 229 | 240 | 4.6 | 11,985 | 13,067 | 13,435 | 91 | Rockbridge, Buena Vista + | | | | | | | | | | | |
| | | | | | | | | | Lexington | 428 | 464 | 474 | 2.3 | 13,482 | 14,624 | 14,778 | 76 | | | |
| Essex | 133 | 143 | 146 | 2.0 | 15,325 | 16,477 | 16,559 | 47 | Rockingham + Harrisonburg | 1,345 | 1,434 | 1,490 | 4.0 | 15,375 | 16,208 | 16,626 | 45 | | | |
| Fauquier | 1,131 | 1,219 | 1,256 | 3.1 | 23,795 | 24,786 | 25,347 | 5 | Southampton + Franklin | 316 | 346 | 353 | 2.0 | 12,404 | 13,597 | 13,682 | 88 | | | |
| Floyd | 167 | 172 | 177 | 2.8 | 13,979 | 14,316 | 14,513 | 82 | Spotsylvania + Fredericksburg | 1,211 | 1,287 | 1,342 | 4.3 | 16,365 | 16,650 | 16,981 | 41 | | | |
| Fluvanna | 173 | 190 | 203 | 6.7 | 14,132 | 15,226 | 15,152 | 66 | Washington + Bristol | 920 | 979 | 1,009 | 3.0 | 14,275 | 15,237 | 15,556 | 58 | | | |
| Franklin | 541 | 583 | 611 | 4.7 | 13,774 | 14,714 | 15,040 | 68 | Wise + Norton | 637 | 668 | 691 | 3.3 | 14,334 | 15,317 | 15,668 | 57 | | | |
| Giles | 225 | 240 | 246 | 2.6 | 13,664 | 14,709 | 15,029 | 69 | York + Poquoson | 1,035 | 1,111 | 1,181 | 6.3 | 13,470 | 20,681 | 21,090 | 12 | | | |
| Gloucester | 447 | 475 | 494 | 4.2 | 15,127 | 15,640 | 16,104 | 53 | | | | | | | | | | | | |
| Goochland | 321 | 345 | 352 | 2.2 | 23,114 | 24,159 | 24,161 | 6 | Washington | 83,878 | 91,992 | 97,840 | 6.4 | 17,672 | 18,738 | 19,521 | | | | |
| Grayson | 195 | 204 | 206 | 1.0 | 11,931 | 12,563 | 12,860 | 100 | Metropolitan portion | 71,860 | 78,991 | 84,032 | 6.4 | 18,296 | 19,388 | 20,216 | | | | |
| Greene | 131 | 141 | 148 | 4.9 | 13,014 | 13,593 | 13,598 | 89 | Nonmetropolitan portion | 12,019 | 13,001 | 13,808 | 6.2 | 14,718 | 15,568 | 16,143 | | | | |
| | | | | | | | | | Adams | 212 | 240 | 234 | -2.6 | 15,712 | 17,586 | 16,643 | 18 | | | |
| Hanover | 1,303 | 1,380 | 1,415 | 2.5 | 21,103 | 21,609 | 21,598 | 11 | Asotin | 243 | 265 | 285 | 7.3 | 14,015 | 15,989 | 15,729 | 27 | | | |
| Henrico | 4,971 | 5,250 | 5,303 | 1.0 | 23,213 | 23,948 | 24,057 | 7 | Benton | 1,773 | 1,924 | 2,097 | 9.0 | 15,949 | 17,025 | 18,038 | 6 | | | |
| Highland | 31 | 34 | 35 | 2.2 | 11,531 | 13,039 | 13,427 | 92 | Chelan | 819 | 879 | 950 | 8.0 | 15,908 | 16,737 | 17,857 | 8 | | | |
| Isle of Wight | 422 | 440 | 460 | 4.6 | 17,075 | 17,484 | 17,877 | 33 | Clallam | 864 | 939 | 990 | 5.4 | 15,622 | 16,515 | 16,957 | 14 | | | |
| King and Queen | 94 | 97 | 98 | 6 | 14,778 | 15,494 | 15,513 | 59 | Clark | 3,718 | 4,034 | 4,345 | 7.7 | 16,103 | 16,768 | 17,236 | 11 | | | |
| King George | 223 | 267 | 281 | 5.3 | 16,768 | 19,594 | 20,067 | 19 | Columbia | 63 | 64 | 63 | -2.2 | 15,654 | 15,970 | 16,261 | 20 | | | |
| King William | 184 | 193 | 203 | 5.2 | 17,018 | 17,607 | 18,117 | 28 | Cowlitz | 1,238 | 1,329 | 1,420 | 6.8 | 15,337 | 16,096 | 16,824 | 16 | | | |
| Lancaster | 232 | 242 | 248 | 2.5 | 21,312 | 22,186 | 22,635 | 10 | Douglas | 375 | 403 | 444 | 10.2 | 14,648 | 15,261 | 15,950 | 26 | | | |
| Lee | 258 | 274 | 286 | 4.5 | 10,403 | 11,225 | 11,715 | 105 | Ferry | 69 | 76 | 81 | 6.4 | 11,141 | 12,048 | 12,414 | 39 | | | |
| Loudoun | 2,120 | 2,279 | 2,362 | 3.7 | 25,423 | 26,154 | 26,398 | 4 | Franklin | 517 | 558 | 607 | 8.7 | 13,865 | 14,867 | 15,477 | 29 | | | |
| | | | | | | | | | Garfield | 44 | 48 | 47 | -2.2 | 19,598 | 21,208 | 20,941 | 3 | | | |
| Louisa | 294 | 303 | 313 | 3.2 | 14,653 | 14,854 | 14,958 | 71 | Grant | 721 | 791 | 846 | 7.0 | 13,368 | 14,369 | 14,800 | 34 | | | |
| Lunenburg | 131 | 138 | 138 | 9.9 | 11,360 | 12,146 | 11,999 | 104 | Grays Harbor | 930 | 982 | 1,038 | 5.7 | 14,655 | 15,238 | 16,048 | 23 | | | |
| Madison | 164 | 170 | 171 | 6 | 13,905 | 14,183 | 14,168 | 85 | Island | 865 | 947 | 1,005 | 6.1 | 14,913 | 15,535 | 16,002 | 24 | | | |
| Mathews | 143 | 155 | 160 | 3.1 | 17,011 | 18,599 | 19,053 | 22 | Jefferson | 306 | 340 | 364 | 7.1 | 15,622 | 16,715 | 17,099 | 13 | | | |
| Mecklenburg | 389 | 412 | 421 | 2.2 | 13,275 | 14,089 | 14,284 | 84 | King | 32,836 | 36,017 | 37,921 | 5.3 | 22,384 | 23,671 | 24,837 | 1 | | | |
| Middlesex | 149 | 155 | 162 | 4.2 | 17,266 | 17,938 | 18,332 | 25 | Kitsap | 2,944 | 3,233 | 3,516 | 8.7 | | | | | | | |

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1989–91—Continued

| Area name | Total personal income | | | | Per capita personal income ³ | | | | Area name | Total personal income | | | | Per capita personal income ³ | | | |
|--------------------------------|-----------------------|---------------|---------------|-----------------------------|---|---------------|---------------|---------------|--------------------------------|-----------------------|---------------|---------------|-----------------------------|---|---------------|---------------|---------------|
| | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State | | Millions of dollars | | | Percent change ² | Dollars | | | Rank in State |
| | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | | | 1989 | 1990 | 1991 | | 1989 | 1990 | 1991 | |
| West Virginia | 22,985 | 24,564 | 25,808 | 5.1 | 12,723 | 13,722 | 14,315 | | Fond du Lac | 1,437 | 1,521 | 1,582 | 4.0 | 16,012 | 16,859 | 17,383 | 16 |
| Metropolitan portion | 10,769 | 11,906 | 12,038 | 4.6 | 14,325 | 15,396 | 15,970 | | Forest | 90 | 96 | 101 | 4.4 | 10,244 | 10,979 | 11,283 | 70 |
| Nonmetropolitan portion | 12,216 | 13,058 | 13,770 | 5.5 | 11,581 | 12,523 | 13,126 | | Grant | 701 | 753 | 777 | 3.2 | 14,229 | 15,271 | 15,811 | 32 |
| Barbour | 149 | 153 | 162 | 5.8 | 9,383 | 9,776 | 10,321 | 47 | Green | 524 | 551 | 557 | 1.2 | 17,381 | 18,114 | 18,115 | 11 |
| Berkeley | 748 | 813 | 878 | 8.0 | 12,903 | 13,606 | 14,303 | 14 | Green Lake | 270 | 281 | 292 | 3.8 | 14,522 | 15,036 | 15,457 | 37 |
| Boone | 350 | 378 | 403 | 6.5 | 13,294 | 14,690 | 15,394 | 8 | Iowa | 288 | 305 | 314 | 3.1 | 14,323 | 15,099 | 15,441 | 38 |
| Braxton | 152 | 161 | 165 | 2.3 | 11,576 | 12,409 | 12,567 | 31 | Iron | 70 | 74 | 89 | 19.3 | 11,426 | 12,071 | 14,266 | 52 |
| Brooke | 333 | 358 | 367 | 2.4 | 12,184 | 13,320 | 13,622 | 22 | Jackson | 224 | 226 | 230 | 2.0 | 13,537 | 13,584 | 13,730 | 56 |
| Cabell | 1,411 | 1,500 | 1,571 | 4.7 | 14,420 | 15,540 | 16,214 | 5 | Jefferson | 1,047 | 1,117 | 1,143 | 2.3 | 15,534 | 16,440 | 16,700 | 21 |
| Calhoun | 67 | 70 | 74 | 5.6 | 8,493 | 8,864 | 9,403 | 53 | Juneau | 285 | 304 | 319 | 5.0 | 13,259 | 13,984 | 14,381 | 49 |
| Clay | 81 | 86 | 91 | 5.7 | 8,026 | 8,640 | 9,102 | 55 | Kenosha | 2,128 | 2,246 | 2,315 | 3.1 | 16,771 | 17,452 | 17,560 | 14 |
| Doddridge | 66 | 71 | 73 | 2.3 | 9,248 | 10,239 | 10,280 | 48 | Kewaunee | 286 | 299 | 303 | 1.4 | 15,177 | 15,811 | 15,974 | 28 |
| Fayette | 504 | 530 | 567 | 6.9 | 10,300 | 11,118 | 11,803 | 40 | La Crosse | 1,539 | 1,658 | 1,725 | 4.0 | 15,860 | 16,876 | 17,520 | 15 |
| Gilmer | 73 | 77 | 82 | 6.5 | 9,296 | 10,080 | 10,838 | 42 | Lafayette | 245 | 252 | 253 | .2 | 15,158 | 15,700 | 15,737 | 34 |
| Grant | 127 | 145 | 154 | 6.2 | 12,388 | 13,846 | 14,653 | 11 | Langlade | 262 | 268 | 270 | .9 | 13,463 | 13,714 | 13,648 | 58 |
| Greenbrier | 429 | 461 | 492 | 6.7 | 12,141 | 13,359 | 14,031 | 17 | Lincoln | 361 | 393 | 411 | 4.5 | 13,436 | 14,541 | 14,929 | 44 |
| Hampshire | 191 | 203 | 218 | 7.3 | 11,658 | 12,300 | 12,777 | 29 | Manitowoc | 1,200 | 1,275 | 1,336 | 4.8 | 14,911 | 15,851 | 16,484 | 23 |
| Hancock | 562 | 583 | 597 | 2.5 | 15,659 | 16,626 | 16,953 | 3 | Marathon | 1,731 | 1,862 | 1,923 | 3.3 | 15,098 | 16,094 | 16,471 | 24 |
| Hardy | 139 | 151 | 159 | 5.2 | 12,832 | 13,660 | 14,265 | 15 | Marquette | 165 | 173 | 181 | 4.7 | 13,519 | 13,957 | 14,325 | 51 |
| Harrison | 943 | 989 | 1,044 | 5.6 | 13,492 | 14,292 | 14,987 | 9 | Milwaukee | 16,736 | 17,613 | 18,135 | 3.0 | 17,515 | 18,328 | 18,917 | 5 |
| Jackson | 281 | 297 | 309 | 4.2 | 10,803 | 11,447 | 11,914 | 38 | Monroe | 450 | 471 | 490 | 3.8 | 12,369 | 12,832 | 13,131 | 60 |
| Jefferson | 487 | 518 | 530 | 2.4 | 13,766 | 14,337 | 14,446 | 13 | Oconto | 390 | 408 | 417 | 2.4 | 13,021 | 13,451 | 13,737 | 55 |
| Kanawha | 3,313 | 3,563 | 3,753 | 5.3 | 15,816 | 17,203 | 17,927 | 2 | Oneida | 460 | 499 | 533 | 6.9 | 14,619 | 15,705 | 16,436 | 26 |
| Lewis | 186 | 198 | 209 | 5.5 | 10,655 | 11,545 | 12,160 | 35 | Outagamie | 2,213 | 2,383 | 2,494 | 4.7 | 15,938 | 16,884 | 17,568 | 13 |
| Lincoln | 188 | 201 | 211 | 4.7 | 8,847 | 9,387 | 9,803 | 52 | Ozaukee | 1,695 | 1,845 | 1,906 | 3.3 | 23,580 | 25,212 | 25,618 | 1 |
| Logan | 522 | 570 | 602 | 5.7 | 11,951 | 13,297 | 13,961 | 18 | Papin | 99 | 105 | 106 | .6 | 14,012 | 14,737 | 14,825 | 45 |
| McDowell | 332 | 356 | 368 | 3.2 | 9,073 | 10,230 | 10,632 | 44 | Pierce | 516 | 544 | 561 | 3.1 | 15,845 | 16,564 | 16,895 | 20 |
| Marion | 747 | 807 | 847 | 4.9 | 12,885 | 14,148 | 14,738 | 10 | Polk | 469 | 492 | 508 | 3.1 | 13,613 | 14,105 | 14,376 | 50 |
| Marshall | 460 | 487 | 498 | 2.3 | 12,237 | 13,061 | 13,466 | 25 | Portage | 883 | 948 | 980 | 3.3 | 14,534 | 15,384 | 15,676 | 35 |
| Mason | 275 | 304 | 313 | 3.0 | 10,881 | 12,087 | 12,467 | 32 | Price | 220 | 228 | 237 | 4.0 | 14,123 | 14,614 | 15,102 | 42 |
| Mercer | 916 | 979 | 1,032 | 5.4 | 13,989 | 15,103 | 15,908 | 6 | Racine | 3,026 | 3,235 | 3,362 | 3.9 | 17,381 | 18,442 | 18,894 | 6 |
| Mineral | 321 | 345 | 360 | 4.4 | 11,978 | 12,922 | 13,442 | 26 | Richland | 207 | 225 | 230 | 2.5 | 11,861 | 12,785 | 13,066 | 61 |
| Mingo | 401 | 432 | 456 | 5.5 | 11,756 | 12,848 | 13,477 | 24 | Rock | 2,150 | 2,299 | 2,326 | 1.2 | 15,451 | 16,454 | 16,461 | 25 |
| Monongalia | 1,043 | 1,146 | 1,217 | 6.2 | 13,817 | 15,173 | 15,900 | 7 | Rusk | 174 | 180 | 190 | 5.7 | 11,576 | 11,906 | 12,501 | 68 |
| Monroe | 135 | 146 | 150 | 2.6 | 10,925 | 11,775 | 12,020 | 36 | St. Croix | 867 | 936 | 969 | 3.4 | 17,559 | 18,511 | 18,877 | 7 |
| Morgan | 151 | 159 | 169 | 5.8 | 12,829 | 13,008 | 13,586 | 23 | Sauk | 721 | 785 | 811 | 3.4 | 15,489 | 16,640 | 17,013 | 19 |
| Nicholas | 303 | 318 | 331 | 4.3 | 11,213 | 11,891 | 12,381 | 33 | Sawyer | 163 | 178 | 190 | 7.0 | 11,625 | 12,474 | 13,043 | 62 |
| Ohio | 862 | 904 | 924 | 2.3 | 16,714 | 17,844 | 18,337 | 1 | Sheboygan | 1,782 | 1,863 | 1,918 | 2.9 | 17,247 | 17,898 | 18,365 | 9 |
| Pendleton | 87 | 96 | 103 | 7.1 | 10,901 | 11,893 | 12,764 | 30 | Taylor | 265 | 262 | 262 | -3 | 14,083 | 13,948 | 13,791 | 53 |
| Pleasant | 92 | 98 | 105 | 7.2 | 12,125 | 13,025 | 13,743 | 21 | Trempealeau | 350 | 373 | 382 | 2.4 | 13,895 | 14,734 | 14,980 | 43 |
| Pocahontas | 111 | 116 | 123 | 6.1 | 12,219 | 12,912 | 13,761 | 20 | Vernon | 333 | 347 | 356 | 2.7 | 13,039 | 13,518 | 13,718 | 57 |
| Preston | 281 | 297 | 309 | 3.9 | 9,632 | 10,253 | 10,581 | 46 | Vilas | 237 | 254 | 267 | 5.0 | 13,524 | 14,304 | 14,719 | 47 |
| Putnam | 549 | 599 | 644 | 7.6 | 12,878 | 13,950 | 14,576 | 12 | Walworth | 1,184 | 1,271 | 1,326 | 4.4 | 15,951 | 16,879 | 17,355 | 17 |
| Raleigh | 955 | 1,009 | 1,072 | 6.3 | 12,263 | 13,190 | 13,909 | 19 | Washington | 170 | 180 | 192 | 7.0 | 12,434 | 13,008 | 13,766 | 54 |
| Randolph | 321 | 345 | 370 | 7.2 | 11,554 | 12,402 | 13,113 | 27 | Waukesha | 1,751 | 1,865 | 1,946 | 4.4 | 18,641 | 19,454 | 19,794 | 4 |
| Ritchie | 109 | 115 | 121 | 5.3 | 10,567 | 11,264 | 11,881 | 39 | Waupaca | 6,567 | 7,094 | 7,380 | 4.0 | 21,841 | 23,166 | 23,565 | 2 |
| Roane | 142 | 147 | 156 | 6.0 | 9,363 | 9,721 | 10,275 | 49 | Waushara | 674 | 722 | 753 | 4.2 | 14,763 | 15,604 | 16,021 | 27 |
| Summers | 123 | 129 | 140 | 8.6 | 8,639 | 9,073 | 9,882 | 51 | Winnebago | 2,294 | 2,465 | 2,586 | 4.9 | 16,475 | 17,512 | 18,084 | 12 |
| Taylor | 146 | 154 | 163 | 5.7 | 9,556 | 10,224 | 10,750 | 43 | Wood | 1,237 | 1,316 | 1,365 | 3.7 | 16,876 | 17,839 | 18,340 | 10 |
| Tucker | 88 | 94 | 100 | 6.8 | 11,267 | 12,209 | 12,974 | 28 | Wyoming | 6,920 | 7,447 | 7,797 | 4.7 | 15,096 | 16,467 | 16,968 | |
| Tyler | 114 | 119 | 122 | 2.4 | 11,450 | 12,173 | 12,373 | 34 | Metropolitan portion | 2,176 | 2,359 | 2,453 | 4.0 | 16,061 | 17,598 | 18,028 | |
| Upshur | 230 | 246 | 255 | 3.9 | 9,977 | 10,777 | 11,068 | 41 | Nonmetropolitan portion | 4,743 | 5,087 | 5,344 | 5.0 | 14,691 | 15,990 | 16,521 | |
| Wayne | 456 | 483 | 501 | 3.6 | 10,862 | 11,631 | 11,952 | 37 | Albany | 399 | 427 | 444 | 4.0 | 13,006 | 13,848 | 14,440 | 18 |
| Webster | 99 | 102 | 106 | 3.9 | 9,081 | | | | | | | | | | | | |

New, Highly Detailed Data on Foreign Investment

FOREIGN DIRECT INVESTMENT IN THE UNITED STATES: Establishment Data for 1987

This volume contains the initial results of an effort by the Bureau of Economic Analysis (BEA) and the Bureau of the Census to expand U.S. Government data on foreign direct investment in the United States. The volume provides information on the U.S. operations of foreign companies in much greater industry detail, both nationally and in individual States, than has been available in the past. Over 800 4-digit Standard Industrial Classification (SIC) industries are covered. The data show the number, employment, payroll, and shipments or sales of the establishments of U.S. affiliates and are broken down by industry, by State, and by country of ultimate beneficial owner.

The new data in this volume were obtained by linking BEA company-level data on foreign direct investment with Census Bureau establishment-(plant-)level data for all U.S. companies. This initial link covered 1987 because that year is both agencies' latest census year, when reporting is the most complete.



The volume includes a methodology and over 650 pages of tables. Order your copy today!

These data are available on diskette. For order information, write to Bureau of Economic Analysis, International Investment Division (BE-50), U.S. Department of Commerce, Washington, DC 20230, or call (202)523-8052.

Superintendent of Documents Publications Order Form

Order Processing Code:

* **6316**

YES, please send me the following:

Charge your order.
It's Easy!



P3

To fax your orders (202) 512-2250

_____ copies of **FOREIGN DIRECT INVESTMENT IN THE UNITED STATES: Establishment Data for 1987**,
S/N 003-010-00228-0 at \$36.00 each.

The total cost of my order is \$_____. International customers please add 25%. Prices include regular domestic postage and handling and are subject to change.

(Company or Personal Name) (Please type or print)

(Additional address/attention line)

(Street address)

(City, State, ZIP Code)

(Daytime phone including area code)

(Purchase Order No.)

May we make your name/address available to other mailers? YES NO

Please Choose Method of Payment:

Check Payable to the Superintendent of Documents

GPO Deposit Account -

VISA or MasterCard Account

(Credit card expiration date)

**Thank you for
your order!**

(Authorizing Signature)

6/92

Mail To: New Orders, Superintendent of Documents
P.O. Box 371954, Pittsburgh, PA 15250-7954

U.S. Affiliates of Foreign Companies: Operations in 1991

By Steve D. Bezirgianian

James L. Bomkamp conducted the survey from which the estimates were derived. David Galler, with the assistance of Juris E. Abolins, coordinated the editing and processing of the forms. Angela Roberts, Arnold Gilbert, and D. Richard Mauery programmed the tables.

THE RATE of growth in most measures of the operations of U.S. affiliates of foreign companies slowed again in 1991 or turned negative, but the share of the U.S. economy accounted for by affiliate operations was up slightly, according to preliminary results of BEA's latest annual survey of foreign direct investment in the United States (FDIUS).¹

Largely reflecting a falloff in new investments, employment growth for U.S. affiliates of foreign companies slowed to 2 percent in 1991 from a 5-percent increase in 1990 (table 1). Sales de-

creased slightly after an 11-percent increase; the largest sales declines were in wholesale trade and in petroleum. The gross product of U.S. affiliates increased 6 percent after increasing 8 percent. Net income decreased \$6.2 billion—from a loss of \$4.5 billion to a loss of \$10.7 billion; most of the decrease was accounted for by petroleum and manufacturing affiliates. In contrast, the total assets of U.S. affiliates grew faster in 1991; the pickup, from an 8-percent increase to a 12-percent increase, was partly traceable to a single large acquisition.²

1. A U.S. affiliate is a U.S. business enterprise in which there is foreign direct investment—that is, in which a single foreign person owns or controls, directly or indirectly, 10 percent or more of the voting securities of an incorporated U.S. business enterprise or an equivalent interest in an unincorporated U.S. business enterprise. An affiliate is called a U.S. affiliate to denote that it is located in the United States; in this article, "affiliate" and "U.S. affiliate" are used interchangeably. "Person" is broadly defined to include any individual, corporation, branch, partnership, associated group, association, estate, trust, or other organization and any government (including any corporation, institution, or other entity or instrumentality of a government).

2. These estimates of total assets include all assets of affiliates, irrespective of the share of total assets that was financed by foreign direct investors. The estimates are available only on a book-value, or historical-cost, basis.

BEA provides another direct investment measure—the foreign direct investment position in the United States—that represents the net financing of affiliates supplied by foreign parent companies. Estimates of the position, unlike those of assets, are valued in current-period prices, as well as at historical cost. The most recent estimates of the position are presented in "The International Investment Position of the United States in 1991," SURVEY OF CURRENT BUSINESS 72 (June 1992): 46–59; those estimates will be updated in the June 1993 SURVEY.

Table 1.—Selected Data of Nonbank U.S. Affiliates of Foreign Direct Investors, 1977–91

| | Millions of dollars | | | | | Thou- sands of employ- ees | Millions of dollars | | | | | | |
|------------------------------------|---------------------|-----------|------------------|---------------|-------------------------------|-------------------------------------|--|--|---|--|--|--|---|
| | Total assets | Sales | Gross product | Net income | Employee compen- sation | | Gross property, plant, and equip- ment | Expendi- tures for new plant and equip- ment | Re- search and de- velop- ment ex- pendi- tures | U.S. merchandise exports shipped by affiliates | | U.S. merchandise imports shipped to affiliates | |
| | | | | | | | | | | Total | Of which: To the foreign parent group | Total | Of which: From the for- eign par- ent group |
| 1977 | 143,488 | 193,991 | 35,222 | 3,966 | 18,781 | 1,218.7 | 66,785 | 7,558 | 933 | 24,858 | 11,691 | 43,896 | 30,878 |
| 1978 | 181,187 | 241,543 | 42,920 | 4,843 | 24,225 | 1,429.9 | 80,683 | 9,318 | 1,230 | 32,169 | 16,570 | 56,567 | 39,466 |
| 1979 | 228,556 | 327,870 | 55,424 | 7,301 | 31,686 | 1,753.2 | 101,209 | 11,150 | 1,584 | 44,341 | 22,073 | 63,039 | 45,295 |
| 1980 | 291,339 | 412,390 | 70,906 | 8,759 | 40,047 | 2,033.9 | 127,838 | 16,891 | 1,946 | 52,199 | 20,983 | 75,803 | 47,010 |
| 1981 | 406,985 | 510,218 | 98,828 | 11,234 | 54,798 | 2,416.6 | 187,956 | 26,716 | 3,110 | 64,066 | 26,911 | 82,259 | 52,196 |
| 1982 | 476,439 | 518,087 | 103,489 | 3,830 | 61,487 | 2,448.1 | 225,235 | 28,068 | 3,744 | 60,236 | 25,024 | 84,290 | 51,915 |
| 1983 | 531,738 | 536,640 | 111,490 | 5,584 | 66,807 | 2,546.5 | 244,012 | 23,179 | 4,164 | 53,854 | 22,577 | 81,464 | 54,802 |
| 1984 | 602,522 | 593,571 | 128,761 | 9,605 | 73,155 | 2,714.3 | 269,462 | 25,225 | 4,738 | 58,186 | 27,072 | 100,489 | 70,451 |
| 1985 | 741,077 | 632,983 | 134,852 | 5,398 | 79,933 | 2,862.2 | 295,181 | 28,919 | 5,240 | 56,401 | 25,900 | 113,331 | 81,740 |
| 1986 | 838,039 | 672,004 | 142,120 | 2,458 | 86,492 | 2,937.9 | 320,215 | 28,516 | 5,804 | 49,560 | 21,873 | 125,732 | 93,418 |
| 1987 | 943,654 | 744,617 | 157,869 | 7,820 | 96,009 | 3,224.3 | 353,278 | 33,035 | 6,521 | 48,091 | 19,109 | 143,537 | 108,201 |
| 1988 | 1,200,823 | 886,407 | 191,728 | 12,049 | 119,588 | 3,844.2 | 418,069 | 44,322 | 7,834 | 69,541 | 26,425 | 155,533 | 118,362 |
| 1989 | 1,431,315 | 1,056,645 | 226,031 | 9,286 | 144,158 | 4,511.5 | 489,461 | 55,164 | 9,465 | 86,316 | 34,276 | 171,847 | 129,926 |
| 1990 ^a | 1,550,238 | 1,175,857 | 243,227 | -4,535 | 163,592 | 4,734.5 | 578,355 | 69,580 | 11,522 | 92,308 | 37,764 | 182,936 | 137,458 |
| 1991 ^b | 1,743,762 | 1,174,069 | 258,370 | -10,743 | 173,911 | 4,809.2 | 634,688 | 67,541 | 11,772 | 98,369 | 41,587 | 179,694 | 133,096 |
| Percent change at annual rates: | | | | | | | | | | | | | |
| 1977–89 | 21 | 15 | 17 | 7 | 19 | 12 | 18 | 18 | 21 | 11 | 9 | 12 | 13 |
| 1989–90 | 8 | 11 | 8 | ..... | 13 | 5 | 18 | 26 | 22 | 7 | 10 | 6 | 6 |
| 1990–91 | 12 | (*) | 6 | ..... | 6 | 2 | 10 | -3 | 2 | 7 | 10 | -2 | -3 |

* Between zero and -0.5 percent.

^a Revised.

^b Preliminary.

Despite the generally slower growth in affiliate operations in 1991 than in 1990, U.S. affiliates' share of the U.S. economy—whether measured in terms of gross product, employment, or assets—was up slightly. In terms of gross product, the affiliates' share of the gross domestic product of all nonbank U.S. businesses rose from 5.8 percent to 6.0 percent. In terms of employment, the affiliates' share of the employment of all nonbank U.S. businesses rose from 5.0 percent to 5.2 percent.³ In terms of assets, U.S. manufacturing affiliates' share of the book value of all U.S.-manufacturing-business assets rose from 18.9 percent to 19.2 percent.

This article first briefly discusses several characteristics of U.S. affiliates in terms of the latest survey results. It then discusses changes in affiliate employment, shares of the U.S. economy accounted for by affiliates, and estimates for majority-owned U.S. affiliates. In the discussion, information from outside sources, including press reports on specific companies, is used to supplement BEA's survey data.

Characteristics of U.S. Affiliates

The overall profile of affiliate operations in 1991 was similar to that in other recent years in terms of profitability, share of investment in "high-technology" industries, share of U.S. merchandise trade, and compensation per employee.

Profitability.—Profitability of U.S. affiliates—as measured by the share of gross product accounted for by profit-type return—continued to fall far short of that of all U.S. businesses in 1991. By this measure, the profitability of U.S. affiliates was -1.1 percent in 1991, down from -0.1 percent in 1990.⁴ Before turning negative in 1990, the share of profit-type return in affiliate gross product had fallen steadily from 13 percent in 1984 to 4 percent in 1989. In comparison, the share of gross domestic product of U.S. corporate business accounted for by corporate profits fluctuated rather narrowly around 10 percent over the entire period 1984–91.

The lower profitability of FDIUS in recent years may partly reflect the relative newness of

much FDIUS; because of start-up and restructuring costs, new investments typically have lower rates of return than more mature investments. In addition, foreign investors may have been more concerned with maximizing long-term, rather than short-term, profits; many recent investments consisted of acquisitions of financially distressed U.S. companies, which foreign investors presumably hoped to restore to profitability. Finally, foreign investors may have been more interested in maximizing global profits rather than the profits of their U.S. operations alone; their focus on such factors as economies of scale and the advantages of vertical integration, expansion of market share, avoidance of tariff and nontariff barriers to trade, and tax considerations may have held down profits on their U.S. operations.⁵

Technology.—Affiliates in what might be described as "high-technology" manufacturing industries accounted for less than two-fifths of the output of all manufacturing affiliates in 1991. Their share, at 37 percent, was up slightly from 36 percent in 1990.⁶ From 1980 to 1991, the annual rate of growth in the gross product of U.S. affiliates in "high-technology" manufacturing industries was 16 percent, considerably higher than the 9-percent growth rate by affiliates in all other manufacturing industries. (The difference in the rates tended to be greater during the earlier years of this period.)

Merchandise trade.—In 1991, the merchandise trade deficit of affiliates exceeded the overall U.S. trade deficit; however, at \$81.3 billion, the 1991 deficit of affiliates was in line with the levels of recent years, and it continued to be dominated by a deficit for wholesale trade affiliates, which in 1991 totaled \$60.1 billion.

Over the years, many foreign companies (particularly from Japan) have established wholesale

5. For analysis of these and related issues, see "Rates of Return on Direct Investment," SURVEY OF CURRENT BUSINESS 72 (August 1992): 79–86.

6. These results, which are based on survey data at the enterprise—or company—level, are in line with results recently published at the establishment—or plant—level. In 1992, BEA and the Census Bureau published *Foreign Direct Investment in the United States: Establishment Data for 1987* (see inside back cover for order information), which contained results of a link between BEA's enterprise data for affiliates and the Census Bureau's establishment data for all U.S. companies; data in this publication showed that foreign-owned establishments in "high-technology" industries accounted for 29 percent of employment by all foreign-owned U.S. manufacturing establishments in 1987. Also in that year, foreign-owned establishments' share of total U.S. employment in high-technology industries averaged 12 percent, almost twice their 7-percent share in other manufacturing industries.

The industries were classified as "high-technology" according to the percentage of employees engaged in research and development activities. Summary information and analysis of the link project for 1987, including a detailed explanation of how industries were classified as "high technology," appeared in "Foreign Direct Investment in the United States: Establishment Data for 1987," SURVEY 72 (October 1992): 44–78. For further information about ongoing link projects, see the box on page 91 of this issue.

3. The comparable figures for majority-owned U.S. affiliates, which account for most U.S. affiliates, are 4.0 percent of employment of all nonbank U.S. businesses in 1990 and 4.3 percent in 1991.

4. Table 14, at the end of the article, presents profit-type return and other components of affiliate gross product by industry for 1990–91. This table and tables 13.1 and 13.2, which present total gross product by industry cross-classified by country, update tables presented in "Gross Product of U.S. Affiliates of Foreign Direct Investors, 1987–90," SURVEY 72 (November 1992): 47–54.

trade affiliates in the United States to handle the distribution and marketing of their products rather than exporting the goods directly to unaffiliated U.S. customers. This practice has been particularly prevalent in the wholesaling of motor vehicles and electrical goods. Although the level of exports shipped by wholesale trade affiliates has been substantial, it has been consistently much lower than the level of imports shipped to wholesale trade affiliates.

In considering the impact of FDIUS on merchandise trade flows, it should be noted that some affiliates may produce goods in the United States that otherwise would have been exported to the United States by their foreign parent companies. The extent of such substitution of domestic (U.S.) production for imports is unknown, but it may be growing over time: As foreign-owned businesses mature, they may tend to produce more of their own parts and components or rely more heavily upon domestic suppliers. BEA estimates that in 1991 roughly 85 percent of the value of sales by U.S. affiliates was accounted for by local content, up from roughly 81 percent in 1987.⁷

7. For a discussion of the methodology for using BEA's data on the operations of U.S. affiliates to estimate the local content of U.S. affiliates' sales, see "Gross Product of U.S. Affiliates of Foreign Companies, 1977-87," SURVEY 70 (June 1990): 52.

Employee compensation.—In 1991, affiliates' compensation per employee was \$36,200, 26 percent higher than for all other nonbank U.S. businesses. This difference is consistent with establishment, or plant, data for earlier years, which indicated that foreign-owned establishments tend to be concentrated in high-wage industries to a greater degree than other U.S. establishments.⁸ Variations in occupational mix, business location, and labor market conditions may also help explain some of the difference.

Employment in 1991

This section discusses affiliate operations in terms of employment. Because employment is not directly affected by inflation, it probably provides a more accurate indication of changes in the levels and shares of real economic activity than other available measures.

Employment by U.S. affiliates increased 75,000 in 1991, to 4,809,000, after increasing 223,000 in

8. In the BEA-Census Bureau link project for 1987 (see footnote 6), payroll per employee for foreign-owned establishments in all industries combined was \$25,100, 29 percent higher than for U.S.-owned establishments; in manufacturing, it was \$28,000, 12 percent higher than for U.S.-owned manufacturing establishments. (Large differences between payroll per employee of foreign-owned and U.S.-owned establishments were also observed in the results of a link between BEA and Bureau of Labor Statistics data for 1989 and 1990.) In analyzing the establishment data for 1987, which could be disaggregated by detailed industry level to control for industry mix, roughly two-thirds of the difference in payroll per employee in manufacturing was found to reflect a greater concentration of foreign-owned establishments in relatively high-wage industries.

Establishment Data for Manufacturing

Later this year, detailed establishment data on the manufacturing operations of U.S. affiliates of foreign companies will be published for 1989 and for 1990. The new data are the result of an ongoing project by BEA and the Bureau of the Census to link BEA's enterprise, or consolidated company, data for foreign-owned U.S. companies with the Census Bureau's establishment, or plant, data for all U.S. companies.

The new data will update and extend the initial results of the project, which covered all affiliates for 1987 and were published last year in *Foreign Direct Investment in the United States: Establishment Data for 1987* (U.S. Government Printing Office, June 1992). An article that includes summary data and analysis appeared in the October 1992 SURVEY OF CURRENT BUSINESS. The initial data link was for 1987 because that was a benchmark, or census, year for both the BEA data on direct investment and the Census Bureau data on all U.S. businesses. The 1987 data link covered establishments in all of the major industry divisions of the Standard Industrial Classification (SIC) and were classified into over 800 individual industries.

The forthcoming publications for 1989 and 1990 will present data on the manufacturing establishments of foreign-owned U.S. companies; the data are derived from a link to establishments covered by the Census Bureau's Annual Survey of Manufactures (ASM). In addition to the data items previously published for 1987 (number of establishments, employment, payroll, and shipments or sales), the

publications will include data on most of the items covered by the ASM, such as value added, cost of materials, production worker hours and wages, capital expenditures, and inventories. The data will be presented by detailed manufacturing industry (at the four-digit SIC level), by State, and by country of ultimate beneficial owner.

The establishment data from the link project complement the enterprise data for foreign-owned U.S. companies that are presented in the accompanying article. The enterprise data are used for analyzing the overall significance of, and trends in, foreign direct investment and for examining issues—such as the profitability or taxation of foreign-owned U.S. companies—for which data are available only at the enterprise level.

The establishment data facilitate analyses of the activities and importance of foreign-owned U.S. companies in specific, detailed industries. Whereas the enterprise data classify each company, which may be highly diversified, in a single industry, the establishment data permit each plant or location of a company to be classified separately. Furthermore, the level of industry classification can be much more detailed for individual establishments than is appropriate for consolidated enterprises, whose operations may span many narrowly defined industries. As a result, foreign-owned establishments can be classified into 459 manufacturing industries, whereas foreign-owned enterprises can be classified into only 55 manufacturing industries.

1990. The primary factor behind the slowdown in employment growth was a drop in acquisition and establishment activity, as the weakening U.S. economy helped make new investments less attractive and more difficult to finance.⁹ Affiliates making new investments (but not also selling or liquidating a business) added 237,000 employees, down from 482,000 added in 1990 (table 2). The increase in employment due to expansions of existing operations, at 97,000, was also smaller than in 1990. These increases in employment were largely offset by sizable decreases in employment due to sales and liquidations of businesses (127,000) and to cutbacks in existing operations (140,000). The decreases partly reflected foreign companies' responses to weakened U.S. demand.

By industry

By industry of affiliate, the largest increases in employment were in retail trade (35,000), services (28,000), and insurance (27,000) (table 3); several industries posted small decreases. The increase in retail trade was more than accounted for by

9. For a more detailed discussion of new direct investment in the United States in 1991, see "U.S. Business Enterprises Acquired or Established by Foreign Direct Investors in 1991," SURVEY 72 (May 1992): 69-79.

Table 2.—Sources of Change in Affiliate Employment, 1989-91
(Number of employees)

| Line | | 1989 | 1990 | 1991 |
|------|---|----------------|----------------|---------------|
| 1 | Change in total affiliate employment | 667,269 | 222,991 | 74,763 |
| | Change in employment of large affiliates resulting from: | | | |
| 2 | New investments | 596,638 | 481,574 | 237,459 |
| 3 | Expansions of existing operations ... | 125,066 | 107,892 | 97,295 |
| 4 | Sales and liquidations of businesses | -123,217 | -354,130 | -127,306 |
| 5 | Cutbacks in existing operations | -68,608 | -126,502 | -139,697 |
| 6 | Combinations of new investments and sales or liquidations of businesses | 76,719 | -16,924 | -15,182 |
| 7 | Change not accounted for in lines 2-6 | 60,671 | 131,081 | 22,194 |

NOTE.—Lines 2-6 cover large affiliates with more than 500 employees. Coverage is limited to large affiliates because a substantial number of small affiliates changed their organizational structures, and in such cases, it is particularly difficult to determine the reasons for the changes.

All of the change in an affiliate's employment is shown on one line, even if the change was not entirely attributable to that factor, because it was impossible to disaggregate the change in an affiliate's employment by source of change.

Employment of new affiliates was classified in "new investments" and employment of affiliates that were liquidated or sold was classified in "sales and liquidations." For all other affiliates, classification depended on (1) whether the affiliate's employment increased or decreased, (2) whether the affiliate acquired another business during the year, or (3) whether the affiliate sold a business or business segment during the year.

Line 2 equals the sum of the yearend employment of affiliates that were acquired or established during the year plus the change in employment of existing affiliates that had an increase in employment and had acquired another U.S. business during the year.

Line 3 equals the change in employment of affiliates that did not acquire another U.S. business, but had an increase in employment.

Line 4 equals the employment at the end of the prior year of affiliates that were liquidated or sold during the year plus the change in employment of existing affiliates that had a decline in employment and sold a business or business segment during the year.

Line 5 equals the change in employment of affiliates that did not sell a business or business segment, but had a decline in employment.

Line 6 equals the change in employment of affiliates that both acquired and sold a business or business segment during the year.

Line 7 equals the change in employment of large affiliates not accounted for in lines 2-6 plus all changes in employment for affiliates with fewer than 500 employees.

the acquisition of a convenience-store chain by two Japanese companies and by several acquisitions and expansions involving European-owned affiliates. The increase in services was largely due to increases by several European-owned affiliates. The increase in insurance was more than accounted for by a French company's acquisition of a stake in a large life insurance firm and several other acquisitions of smaller companies by European investors.

These changes in affiliate employment are based on data classified by industry of affiliate (see the upper third of table 3). For this classification, an affiliate's primary industry—that is, the industry that accounts for the largest portion of its sales—is determined, and all data are shown in that industry even if the affiliate also has activities in secondary industries. This classification is used in most of the tables in this article that present data by industry.

Sales and employment data are also classified by industry of sales (for the employment data, see the middle third of table 3). For this classification, an affiliate's sales and employment in secondary industries are shown in those industries rather than in the affiliate's primary industry.¹⁰ Data classified by industry of sales are preferable for analyses of the various activities in which diversified affiliates are engaged. The pattern of change in employment by industry of sales may differ from the pattern by industry of affiliate because changes in employment in affiliates' secondary industries may not parallel changes in their primary industries. A change in an affiliate's industry classification may also cause these patterns to differ; when employment is classified by industry of affiliate, all employees are shifted from the old to the new industry, but when it is classified by industry of sales, changes in employment for an industry reflect only actual changes in affiliates' employment in that industry. Both of these factors tend to be particularly important for years in which foreign direct investors acquire many large, diversified U.S. firms.

10. Employment classified by industry of sales should generally approximate that classified by industry of establishment (plant), because an affiliate that has an establishment in an industry usually also has sales in that industry. However, if one establishment of an affiliate provides all of its output to another establishment of the affiliate, the affiliate will not have sales in the industry of the first establishment. For example, if an affiliate operates both a metal mine and a metal-manufacturing plant and if the entire output of the mine is used by the manufacturing plant, all of the affiliate's sales will be in metal manufacturing, and none in metal mining. When the mining employees are distributed by industry of sales, they are classified in manufacturing even though the industry of the establishment is mining.

The establishment-level data discussed in footnote 6 and in the box on page 91 show employment classified by industry of establishment, irrespective of whether the associated output is used by other establishments within the enterprise or is sold to outside firms or individuals.

By industry of sales, the largest increases in affiliate employment in 1991 were in services (37,000), retail trade (27,000), and insurance (23,000). A sizable share of the increase in services reflects expansions and acquisitions by affiliates of European or Canadian investors. The increases in retail trade and insurance largely reflect the acquisitions noted in the discussion of employment by industry of affiliate.

By country

By country of ultimate beneficial owner (UBO), the largest increases in employment by U.S. affiliates were attributable to UBO's in Japan (77,000) and France (25,000) (see the lower third of table 3).¹¹ For Japan, most of the increase

11. The UBO is that person, proceeding up a U.S. affiliate's ownership chain, beginning with and including the foreign parent, that is not owned more than 50 percent by another person. The foreign parent is the first foreign person in the affiliate's ownership chain. Unlike the foreign parent,

Table 3.—Employment by Nonbank U.S. Affiliates, by Industry of Affiliate, by Industry of Sales, and by Country of Ultimate Beneficial Owner, 1989-91

| | Thousands of employees | | | | | Percent change | |
|--|------------------------|-------------------|-------------------|--------|-------|------------------|------------------|
| | 1989 | 1990 ^r | 1991 ^r | Change | | 1990 | 1991 |
| | | | | 1990 | 1991 | | |
| All industries, all countries | 4,511.5 | 4,734.5 | 4,809.2 | 223.0 | 74.8 | 5 | 2 |
| By industry of affiliate | | | | | | | |
| Petroleum | 135.8 | 149.4 | 142.0 | 13.5 | -7.3 | 10 | -5 |
| Manufacturing | 2,138.6 | 2,220.7 | 2,214.8 | 82.1 | -5.9 | 4 | (¹) |
| Food and kindred products | 251.3 | 247.3 | 241.7 | -4.0 | -5.7 | -2 | -2 |
| Chemicals and allied products | 437.1 | 512.5 | 497.7 | 75.4 | -14.8 | 17 | -3 |
| Primary and fabricated metals | 280.2 | 255.5 | 267.1 | -24.8 | 11.7 | -9 | 5 |
| Machinery | 511.8 | 509.1 | 501.0 | -2.7 | -8.1 | -1 | -2 |
| Other manufacturing | 658.1 | 696.4 | 707.3 | 38.3 | 11.0 | 6 | 2 |
| Wholesale trade | 398.7 | 429.9 | 429.8 | 31.2 | -1 | 8 | (¹) |
| Retail trade | 803.9 | 744.7 | 780.1 | -59.2 | 35.4 | -7 | 5 |
| Finance, except banking | 94.9 | 53.8 | 58.7 | -41.1 | 4.9 | -43 | 9 |
| Insurance | 111.6 | 133.3 | 159.9 | 21.7 | 26.5 | 19 | 20 |
| Real estate | 38.1 | 43.3 | 41.9 | 5.2 | -1.3 | 14 | -3 |
| Services | 460.7 | 570.3 | 597.9 | 109.6 | 27.6 | 24 | 5 |
| Other industries | 329.1 | 389.0 | 384.0 | 59.8 | -5.0 | 18 | -1 |
| By industry of sales | | | | | | | |
| Petroleum | 126.7 | 131.4 | 128.2 | 4.7 | -3.2 | 4 | -2 |
| Manufacturing | 1,906.6 | 2,024.1 | 2,045.8 | 117.5 | 21.7 | 6 | 1 |
| Food and kindred products | 203.4 | 206.8 | 207.9 | 3.4 | 1.1 | 2 | 1 |
| Chemicals and allied products | 317.6 | 332.4 | 338.1 | 14.7 | 5.8 | 5 | 2 |
| Primary and fabricated metals | 197.3 | 213.0 | 215.7 | 15.7 | 2.7 | 8 | 1 |
| Machinery | 487.5 | 488.6 | 492.1 | 1.1 | 3.5 | (¹) | 1 |
| Other manufacturing | 700.8 | 783.5 | 792.0 | 82.6 | 8.6 | 12 | 1 |
| Wholesale trade | 317.8 | 351.0 | 338.2 | 33.2 | -12.8 | 10 | -4 |
| Retail trade | 930.4 | 831.2 | 857.8 | -99.2 | 26.6 | -11 | 3 |
| Finance, except banking | 99.8 | 63.1 | 71.5 | -36.7 | 8.4 | -37 | 13 |
| Insurance | 121.5 | 127.2 | 150.2 | 5.7 | 23.0 | 5 | 18 |
| Real estate | 30.7 | 34.2 | 32.6 | 3.5 | -1.6 | 12 | -5 |
| Services | 528.5 | 659.8 | 696.9 | 131.3 | 37.1 | 25 | 6 |
| Other industries | 364.4 | 435.0 | 427.4 | 70.6 | -7.6 | 19 | -2 |
| Unspecified ¹ | 85.1 | 77.6 | 60.7 | -7.5 | -16.8 | -9 | -22 |
| By country | | | | | | | |
| Canada | 721.4 | 739.1 | 717.7 | 17.7 | -21.4 | 2 | -3 |
| Europe | 2,711.1 | 2,894.6 | 2,943.6 | 183.5 | 49.0 | 7 | 2 |
| Of which: | | | | | | | |
| France | 270.4 | 338.9 | 363.7 | 68.6 | 24.8 | 25 | 7 |
| Germany ² | 445.6 | 516.2 | 518.6 | 70.6 | 2.4 | 16 | (¹) |
| Netherlands | 314.4 | 286.5 | 292.5 | -27.9 | 6.0 | -9 | 2 |
| Switzerland | 271.6 | 273.6 | 276.1 | 2.1 | 2.5 | 1 | 1 |
| United Kingdom | 1,021.5 | 1,050.9 | 1,060.8 | 29.4 | 9.9 | 3 | 1 |
| Latin America and Other Western Hemisphere | 227.7 | 134.5 | 131.0 | -93.2 | -3.5 | -41 | -3 |
| Africa | 17.4 | 17.1 | 15.0 | -3 | -2.1 | -2 | -12 |
| Middle East | 39.2 | 25.3 | 27.2 | -13.9 | 1.8 | -35 | 7 |
| Asia and Pacific | 761.5 | 890.6 | 942.7 | 129.1 | 52.0 | 17 | 6 |
| Of which: | | | | | | | |
| Australia | 155.1 | 166.2 | 154.4 | 11.1 | -11.8 | 7 | -7 |
| Japan | 528.0 | 629.2 | 706.5 | 101.2 | 77.3 | 19 | 12 |
| United States | 33.1 | 33.1 | 32.1 | .1 | -1.0 | (¹) | -3 |

¹ Revised.

^r Preliminary.

¹ Less than 0.5 percent (±).

1. In the breakdown of employment by industry of sales, U.S. affiliates that filed long forms in the annual surveys had to specify their eight largest sales categories, and U.S. affiliates that

filed short forms had to specify their three largest sales categories. Employment in all unspecified industries combined are shown on this line.

2. The data for 1989 are only for the Federal Republic of Germany. The data for 1990-91 include data for the former German Democratic Republic (GDR). This change has no effect on the data because there were no U.S. affiliates of the former GDR prior to 1990.

was accounted for by the acquisition of the convenience-store chain and by other acquisitions. For France, the increase was more than accounted for by the acquisition of the stake in the large insurance company and the acquisitions of two manufacturers of electrical equipment.

the UBO of an affiliate may be located in the United States. The UBO of each U.S. affiliate is identified to ascertain the person that ultimately owns or controls and that, therefore, ultimately derives the benefits from owning or controlling the U.S. affiliate.

Table 4.—Employment by Nonbank U.S. Affiliates and All Nonbank U.S. Businesses, 1990 and 1991, by Industry

| | Thousands of employees | | | | U.S. affiliates as a percentage of all U.S. businesses | |
|---|------------------------------|--------------|----------------------------------|---------------|--|------------------|
| | U.S. affiliates ¹ | | All U.S. businesses ² | | 1990 | 1991 |
| | 1990 | 1991 | 1990 | 1991 | | |
| All industries³ | 4,734 | 4,809 | 93,664 | 91,817 | 5.0 | 5.2 |
| Manufacturing ⁴ | 2,114 | 2,136 | 19,279 | 18,535 | 11.0 | 11.5 |
| Petroleum and coal products | 90 | 90 | 155 | 158 | (⁵) | (⁵) |
| Chemicals and allied products | 332 | 338 | 1,092 | 1,083 | 30.4 | 31.2 |
| Stone, clay, and glass products | 110 | 101 | 561 | 524 | 19.6 | 19.3 |
| Electric and electronic equipment | 271 | 277 | 1,689 | 1,592 | 16.0 | 17.4 |
| Primary metal industries | 112 | 110 | 755 | 721 | 14.8 | 15.2 |
| Rubber and plastics products | 129 | 126 | 893 | 865 | 14.4 | 14.5 |
| Instruments and related products | 112 | 123 | 1,004 | 974 | 11.2 | 12.6 |
| Food and kindred products | 207 | 208 | 1,673 | 1,671 | 12.4 | 12.4 |
| Machinery, except electrical | 218 | 215 | 2,105 | 2,011 | 10.3 | 10.7 |
| Fabricated metal products | 101 | 106 | 1,430 | 1,359 | 7.1 | 7.8 |
| Paper and allied products | 50 | 51 | 701 | 690 | 7.1 | 7.3 |
| Transportation equipment | 132 | 138 | 2,004 | 1,890 | 6.6 | 7.3 |
| Motor vehicles and equipment | 90 | 92 | 824 | 786 | 11.0 | 11.8 |
| Other | 41 | 45 | 1,180 | 1,104 | 3.5 | 4.1 |
| Printing and publishing | 109 | 102 | 1,605 | 1,568 | 6.8 | 6.5 |
| Textile mill products | 37 | 39 | 703 | 674 | 5.3 | 5.8 |
| Other | 105 | 113 | 2,909 | 2,755 | 3.6 | 4.1 |
| Apparel and other textile products | 28 | 29 | 1,050 | 1,016 | 2.7 | 2.8 |
| Lumber, wood, furniture, and fixtures | 28 | 32 | 1,269 | 1,173 | 2.2 | 2.7 |
| Other | 49 | 52 | 590 | 566 | 8.3 | 9.2 |
| Wholesale trade | 355 | 342 | 6,305 | 6,156 | 5.6 | 5.6 |
| Retail trade | 848 | 873 | 20,354 | 19,961 | 4.2 | 4.4 |
| Finance, except banking | 63 | 72 | 1,563 | 1,541 | 4.0 | 4.6 |
| Insurance | 127 | 150 | 2,214 | 2,231 | 5.7 | 6.7 |
| Real estate | 34 | 33 | 1,460 | 1,445 | 2.3 | 2.3 |
| Services ⁶ | 660 | 697 | 28,779 | 28,794 | 2.3 | 2.4 |
| Agriculture, forestry, and fishing | 33 | 36 | 1,830 | 1,819 | 1.8 | 2.0 |
| Mining | 93 | 86 | 712 | 692 | 13.0 | 12.4 |
| Construction | 80 | 79 | 5,311 | 4,830 | 1.5 | 1.6 |
| Transportation | 221 | 217 | 3,598 | 3,561 | 6.1 | 6.1 |
| Communication and public utilities | 29 | 29 | 2,259 | 2,252 | 1.3 | 1.3 |
| Unspecified ⁷ | 78 | 61 | n.a. | n.a. | n.a. | n.a. |

n.a. Not applicable.

1. Classified by industry of sales. In this table, petroleum is not shown as a separate major industry. Instead, in order to be consistent with the all-U.S.-business data, affiliate employment in the various petroleum subindustries is distributed among the other major industries. Thus, manufacturing includes petroleum and coal products, wholesale trade includes petroleum wholesale trade, retail trade includes gasoline service stations, and so on.

2. Classified by industry of establishment. These data are from table 6.4C of the "National Income and Product Accounts (NIPA) Tables" in the July 1992 SURVEY. The total is equal to employment in private industries less the employment of banks (which is not shown separately in table 6.4C) and private households. All-U.S.-business employment totals in this table differ from those shown in tables 5 and 6; the data in tables 5 and 6 are from BEA's Regional Economic Information System and are derived as the sum of the State estimates. The estimates in table 5, unlike those in this table, do not exclude bank employment. The estimates in both tables 5 and 6, unlike those in this table, exclude U.S. residents temporarily employed abroad by U.S. businesses. They may also differ from the NIPA estimates in this table because of different data sources and revision schedules.

3. For consistency with the coverage of the all-U.S.-business employment data, U.S. affiliate employment in Puerto Rico, in "other U.S. areas," and in the "foreign" category was excluded from the U.S. affiliate employment total when the percentage shares on this line were computed.

4. Total affiliate manufacturing employment and the shares of all-U.S.-business manufacturing employment accounted for by affiliates shown in this table differ from those shown in table 6. In this table, employment is classified by industry of sales, and the total for manufacturing includes some nonmanufacturing employees (see footnote 11 to the text), whereas in table 6, affiliate manufacturing employment consists only of employees on the payroll of manufacturing plants. Data on the latter basis are not available for the subindustries within manufacturing shown in this table.

5. The affiliate and all-U.S.-business employment data in petroleum and coal products are not comparable and, hence, are not shown here, because affiliate employment in this industry includes a substantial number of nonmanufacturing employees. When a rough adjustment is made to remove the nonmanufacturing employees from the affiliate data, the affiliate share of all-U.S.-business employment in petroleum and coal products is about 39 percent in 1990 and about 40 percent in 1991.

6. Excludes private households.

7. See footnote 1 to table 3.

At the end of 1991, affiliates with British UBO's had the largest employment, at 1,061,000. Employment by affiliates with Canadian UBO's (718,000) was the second largest, and employment by affiliates with Japanese UBO's (707,000) was third. These rankings were the same as for 1988-90.

By State

By State, the largest increases in affiliate employment were in New York (14,000) and Texas (10,000); a few States had small decreases. In manufacturing, many States had small increases in affiliate employment; the largest decreases were in Indiana and California (9,000 each).

At the end of 1991, the level of U.S. affiliate employment was highest in California (555,000), followed by New York (362,000) and Texas (310,000). In manufacturing, the level of employment was highest in California (207,000), followed by Ohio (128,000) and Illinois (119,000).

Share of the U.S. Economy

Two measures—employment and total assets—are used in this section to gauge the share of the U.S. economy accounted for by U.S. affiliates. In terms of employment, the size of affiliates is compared with that of all U.S. businesses by industry and by State. The comparisons by industry use affiliate employment data classified by industry of sales because these data correspond most closely to the data classified by industry of establishment that are used for all-U.S.-business employment.

In terms of total assets, the comparison is restricted to manufacturing because comparable data classified by industry of enterprise for both U.S. affiliates and all U.S. businesses are available only for manufacturing.

In terms of employment

In 1991, nonbank U.S. affiliates of foreign companies accounted for 5.2 percent of employment by all nonbank U.S. businesses, up slightly from 5.0 percent in 1990 (table 4). Much of the increase in share reflected a decrease in employment by all nonbank U.S. businesses.

By major industry, affiliate shares of employment were highest in mining (12.4 percent) and manufacturing (11.5 percent); the share was lowest in communication and public utilities (1.3 percent). Within manufacturing, affiliate shares were highest in petroleum and coal products (39.7

percent) and in chemicals and allied products (31.2 percent).¹²

The largest increases in affiliate shares were in electric and electronic equipment and in instruments and related products. In electric and electronic equipment, the increase primarily reflected a drop in overall employment in that industry; for affiliates, employment reductions by existing affiliates were more than offset by increases due to acquisitions, several of the largest of which were made by French companies. In instruments and related products, the increase was accounted for by an increase in affiliate employment, due largely to recent acquisitions, together with a decrease in overall employment in that industry.

By State, the largest increase in the affiliate share was in New Hampshire (up 0.9 percentage point, to 6.7 percent) (table 5); the increase was accounted for by acquisitions, combined with a decrease in total employment in that State. For manufacturing, the largest increases were in Nevada (up 2.6 percentage points, to 11.8 percent), Delaware (up 2.3 percentage points, to 20.6 percent), and West Virginia (up 1.8 percentage points, to 21.6 percent) (table 6). In Nevada, most of the increased share was accounted for by acquisitions. In both Delaware and West Virginia, the increased shares reflected new investments combined with decreases in manufacturing employment in those States.

At the end of 1991, the affiliate share of total employment was highest in Delaware (13.7 percent), followed by Hawaii (12.1 percent). A large portion of the share in Delaware reflects the em-

ployment of a large minority-owned affiliate. The affiliate share of manufacturing employment was highest in West Virginia (21.6 percent); a sizable portion of this share reflects the employment of several affiliates with European or Canadian UBO's.

In terms of assets

In manufacturing, U.S. affiliates' share of the book value of total assets of all U.S. manufacturing businesses increased to 19.2 percent in 1991 from 18.9 percent in 1990 (table 7).¹³ In both years, affiliates' shares of manufacturing assets were substantially higher than their shares of manufacturing employment; two factors account for most of the difference. First, affiliates are more concentrated than other U.S. businesses in capital-intensive industries, such as chemicals and allied products and petroleum and coal products, that have relatively low employment-to-assets ratios. Second, most of the growth in affiliate operations in recent years has been through acquisitions, and a company's assets are often revalued in an acquisition to reflect the new, usually higher, value implicit in the acquisition price; consequently, the portion of assets that has been recently revalued is probably higher for affiliates than for all U.S. businesses.¹⁴

The largest increase in affiliate asset shares in manufacturing was in primary metals and reflected several acquisitions of large firms. The largest decrease in affiliate asset shares in manufacturing was in rubber and plastics products; it reflected an increase in overall assets, combined with a decrease in affiliates' assets, in that industry.

12. In table 4, in order to make the affiliate data as consistent as possible with the all-U.S.-business data, petroleum is not shown as a separate major industry, as it normally is in direct investment statistics. Instead, the various petroleum subindustries are distributed among the other major industries. Thus, petroleum extraction is included in mining; petroleum refining, in manufacturing; gasoline service stations, in retail trade; and so on. However, for integrated petroleum companies whose operations include several phases of the industry—such as extraction, refining, and marketing—all employees involved in these operations are included in petroleum and coal products manufacturing when employment is classified by industry of sales (see footnote 10). Such companies may sell some crude petroleum to outsiders, but the employment associated with these sales cannot be separately identified and included in mining. In contrast, in the all-U.S.-business data, which are classified by industry of establishment, the employment of integrated companies is distributed among the activities of the companies' individual establishments, and only employees in manufacturing are included in petroleum and coal products manufacturing. Thus, if the affiliate share of employment in petroleum and coal products were calculated from the data shown in table 4, it would be significantly overstated because affiliate employment in this industry includes a substantial number of nonmanufacturing employees. The share cited in the text includes a rough adjustment to exclude these employees.

This adjustment also slightly reduces the affiliate share of total U.S. manufacturing employment, to 11.4 percent in 1991. As part of the adjustment, the employees subtracted from petroleum and coal products should be added to other petroleum-related subindustries. It is likely that most of these employees would be added to retail trade (gasoline service stations) or mining (oil and gas extraction); however, information on the number of employees that should be added to each industry is not available.

13. U.S. affiliates' shares of assets cover only manufacturing because comparable data on assets of U.S. businesses in other industries are not available. For the same reason, U.S. affiliates' shares of sales (which are also shown in table 7 but which are not discussed here) cover only manufacturing. All-U.S.-manufacturing-business assets and sales are from the Census Bureau's *Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations (QFR)*. Comparisons for mining and trade are not appropriate, because the QFR data for these industries cover only corporations with assets over \$50 million. The exclusion of unincorporated businesses and small corporations from the QFR mining and trade data means that a significant portion of the all-U.S.-business activity in these industries is missing.

14. Comparisons based on sales, unlike those based on assets, are not distorted by differences in valuation, because sales are generally valued at current prices.

A comparison of affiliates' share of all-U.S.-manufacturing sales with their share of all-U.S.-manufacturing assets may indicate the importance of differences in valuation. U.S. affiliates' share of total sales in 1991 was 16.8 percent—lower than their 19.2-percent share of total assets but higher than their 11.5-percent share of employment. These percentages suggest that some of the difference between the asset- and employment-based shares may be due to differences in asset valuation.

Table 5.—Employment by Nonbank U.S. Affiliates and All U.S. Businesses, 1990 and 1991, by State

[Thousands of employees]

| | 1990 | | | 1991 | | |
|-------------------------------------|-----------------|----------------------------------|--|-----------------|----------------------------------|--|
| | U.S. affiliates | All U.S. businesses ¹ | U.S. affiliates as a percentage of all U.S. businesses | U.S. affiliates | All U.S. businesses ¹ | U.S. affiliates as a percentage of all U.S. businesses |
| Total² | 4,734.5 | 95,411.0 | 4.9 | 4,809.2 | 93,497.0 | 5.1 |
| New England | 280.6 | 5,680.0 | 4.9 | 284.4 | 5,367.1 | 5.3 |
| Connecticut | 75.9 | 1,464.8 | 5.2 | 79.7 | 1,388.5 | 5.7 |
| Maine | 26.6 | 456.6 | 5.8 | 26.6 | 434.2 | 6.1 |
| Massachusetts | 131.2 | 2,685.9 | 4.9 | 129.2 | 2,530.8 | 5.1 |
| New Hampshire | 25.9 | 448.4 | 5.8 | 28.2 | 423.5 | 6.7 |
| Rhode Island | 13.3 | 403.0 | 3.3 | 13.6 | 377.7 | 3.6 |
| Vermont | 7.7 | 221.3 | 3.5 | 7.2 | 212.4 | 3.4 |
| Mideast | 930.2 | 17,343.8 | 5.4 | 938.5 | 16,708.7 | 5.6 |
| Delaware | 43.1 | 311.1 | 13.8 | 41.6 | 304.2 | 13.7 |
| District of Columbia | 11.4 | 431.8 | 2.6 | 11.3 | 416.3 | 2.7 |
| Maryland | 79.6 | 1,827.1 | 4.4 | 76.6 | 1,751.3 | 4.4 |
| New Jersey | 227.0 | 3,157.4 | 7.2 | 228.0 | 3,003.5 | 7.6 |
| New York | 347.5 | 7,012.0 | 5.0 | 361.8 | 6,709.1 | 5.4 |
| Pennsylvania | 221.6 | 4,604.3 | 4.8 | 219.2 | 4,524.4 | 4.8 |
| Great Lakes | 812.9 | 16,655.1 | 4.9 | 813.7 | 16,435.9 | 5.0 |
| Illinois | 245.8 | 4,670.4 | 5.3 | 248.0 | 4,606.3 | 5.4 |
| Indiana | 126.9 | 2,212.4 | 5.7 | 123.2 | 2,198.2 | 5.6 |
| Michigan | 139.6 | 3,456.7 | 4.0 | 139.2 | 3,377.2 | 4.1 |
| Ohio | 219.1 | 4,291.0 | 5.1 | 220.1 | 4,219.0 | 5.2 |
| Wisconsin | 81.4 | 2,024.6 | 4.0 | 83.2 | 2,035.2 | 4.1 |
| Plains | 248.5 | 6,975.5 | 3.6 | 262.0 | 6,962.8 | 3.8 |
| Iowa | 32.8 | 1,057.7 | 3.1 | 32.7 | 1,064.8 | 3.1 |
| Kansas | 29.6 | 920.6 | 3.2 | 33.2 | 923.7 | 3.6 |
| Minnesota | 89.8 | 1,871.2 | 4.8 | 93.8 | 1,875.9 | 5.0 |
| Missouri | 73.7 | 2,051.9 | 3.6 | 77.2 | 2,008.7 | 3.8 |
| Nebraska | 14.9 | 626.8 | 2.4 | 16.8 | 630.6 | 2.7 |
| North Dakota | 3.1 | 211.0 | 1.5 | 3.4 | 215.7 | 1.6 |
| South Dakota | 4.5 | 236.4 | 1.9 | 4.9 | 243.4 | 2.0 |
| Southeast | 1,153.3 | 21,649.9 | 5.3 | 1,175.8 | 21,321.3 | 5.5 |
| Alabama | 55.7 | 1,361.4 | 4.1 | 62.0 | 1,363.1 | 4.5 |
| Arkansas | 29.2 | 801.8 | 3.6 | 30.1 | 807.2 | 3.7 |
| Florida | 205.7 | 4,767.6 | 4.3 | 211.3 | 4,660.3 | 4.5 |
| Georgia | 161.0 | 2,550.9 | 6.3 | 159.9 | 2,485.9 | 6.4 |
| Kentucky | 65.7 | 1,255.0 | 5.2 | 69.6 | 1,246.2 | 5.6 |
| Louisiana | 61.4 | 1,311.3 | 4.7 | 61.9 | 1,325.9 | 4.7 |
| Mississippi | 23.6 | 763.6 | 3.1 | 23.8 | 764.2 | 3.1 |
| North Carolina | 181.0 | 2,724.3 | 6.6 | 179.6 | 2,675.3 | 6.7 |
| South Carolina | 104.7 | 1,306.3 | 8.0 | 105.7 | 1,271.7 | 8.3 |
| Tennessee | 116.9 | 1,908.6 | 6.1 | 119.6 | 1,893.6 | 6.3 |
| Virginia | 113.3 | 2,392.9 | 4.7 | 117.6 | 2,322.6 | 5.1 |
| West Virginia | 34.9 | 506.2 | 6.9 | 34.7 | 505.3 | 6.9 |
| Southwest | 417.6 | 8,741.7 | 4.8 | 423.7 | 8,798.0 | 4.8 |
| Arizona | 57.1 | 1,291.0 | 4.4 | 56.2 | 1,283.1 | 4.4 |
| New Mexico | 17.4 | 450.9 | 3.9 | 14.8 | 454.5 | 3.3 |
| Oklahoma | 43.6 | 968.8 | 4.5 | 43.2 | 975.9 | 4.4 |
| Texas | 299.5 | 6,031.1 | 5.0 | 309.5 | 6,084.5 | 5.1 |
| Rocky Mountain | 99.8 | 2,637.8 | 3.8 | 108.1 | 2,690.2 | 4.0 |
| Colorado | 56.3 | 1,306.1 | 4.3 | 60.9 | 1,320.6 | 4.6 |
| Idaho | 11.7 | 331.5 | 3.5 | 12.6 | 341.1 | 3.7 |
| Montana | 5.1 | 243.6 | 2.1 | 5.8 | 249.6 | 2.3 |
| Utah | 21.0 | 604.6 | 3.5 | 23.4 | 623.2 | 3.7 |
| Wyoming | 5.8 | 152.1 | 3.8 | 5.5 | 155.7 | 3.5 |
| Far West | 695.2 | 15,105.2 | 4.6 | 702.9 | 14,579.7 | 4.8 |
| California | 555.9 | 11,589.0 | 4.8 | 555.0 | 11,059.1 | 5.0 |
| Nevada | 22.7 | 570.6 | 4.0 | 24.6 | 572.0 | 4.3 |
| Oregon | 39.1 | 1,076.3 | 3.6 | 41.9 | 1,070.4 | 3.9 |
| Washington | 77.5 | 1,869.3 | 4.1 | 81.4 | 1,878.1 | 4.3 |
| Alaska | 13.2 | 170.9 | 7.7 | 13.3 | 175.6 | 7.5 |
| Hawaii | 53.0 | 451.1 | 11.8 | 55.6 | 457.7 | 12.1 |
| Puerto Rico | 16.1 | n.a. | n.a. | 17.5 | n.a. | n.a. |
| Other U.S. areas ³ | 9.0 | n.a. | n.a. | 9.4 | n.a. | n.a. |
| Foreign ⁴ | 5.0 | n.a. | n.a. | 4.3 | n.a. | n.a. |

n.a. Not available.

1. The data on employment of all U.S. businesses are from BEA's Regional Economic Information System. The totals are equal to employment in private industries less employment of private households. The all-U.S.-business employment totals shown in this table differ slightly from those shown in table 4, which are from table 6.4C of the "National Income and Product Accounts (NIPA) Tables" in the July 1992 SURVEY. The all-U.S. employment data in this table are derived as the sum of the State estimates. They differ from the NIPA estimates of employment because they include banking and, by definition, they exclude U.S. residents temporarily employed abroad by

U.S. businesses. They also may differ from the NIPA estimates because of different data sources and revision schedules.

2. For consistency with the coverage of the all-U.S.-business employment data, U.S. affiliate employment in Puerto Rico, in "other U.S. areas," and in "foreign" was excluded from the U.S. affiliate employment total when the percentage shares on this line were computed.

3. Consists of the U.S. Virgin Islands, Guam, American Samoa, U.S. offshore oil and gas sites, and all other outlying U.S. areas.

4. Consists of employees of U.S. affiliates working abroad.

Table 6.—Manufacturing Employment by Nonbank U.S. Affiliates and All U.S. Businesses, 1990 and 1991, by State

[Thousands of employees]

| | 1990 | | | 1991 | | |
|-------------------------------|-----------------|----------------------------------|--|-----------------|----------------------------------|--|
| | U.S. affiliates | All U.S. businesses ¹ | U.S. affiliates as a percentage of all U.S. businesses | U.S. affiliates | All U.S. businesses ¹ | U.S. affiliates as a percentage of all U.S. businesses |
| Total ^{2,3} | 2,025.9 | 19,271.0 | 10.4 | 2,024.4 | 18,535.0 | 10.8 |
| New England | 112.7 | 1,223.4 | 9.2 | 115.5 | 1,144.2 | 10.1 |
| Connecticut | 30.5 | 343.0 | 8.9 | 32.5 | 324.0 | 10.0 |
| Maine | 7.7 | 102.8 | 7.5 | 7.7 | 96.1 | 8.0 |
| Massachusetts | 52.8 | 523.0 | 10.1 | 54.1 | 486.9 | 11.1 |
| New Hampshire | 11.4 | 106.2 | 10.7 | 11.6 | 99.2 | 11.7 |
| Rhode Island | 6.8 | 101.6 | 6.7 | 6.2 | 93.5 | 6.6 |
| Vermont | 3.5 | 46.8 | 7.4 | 3.4 | 44.5 | 7.6 |
| Mideast | 355.5 | 3,060.2 | 11.6 | 346.3 | 2,891.7 | 12.0 |
| Delaware | 13.2 | 72.2 | 18.2 | 14.4 | 70.1 | 20.6 |
| District of Columbia | .8 | 15.9 | 5.0 | .5 | 15.0 | 3.3 |
| Maryland | 31.8 | 207.5 | 15.3 | 29.5 | 194.5 | 15.2 |
| New Jersey | 97.1 | 598.6 | 16.2 | 93.0 | 560.0 | 16.6 |
| New York | 101.3 | 1,140.6 | 8.9 | 99.0 | 1,068.0 | 9.3 |
| Pennsylvania | 111.3 | 1,025.5 | 10.9 | 109.8 | 984.0 | 11.2 |
| Great Lakes | 448.2 | 4,247.3 | 10.6 | 443.4 | 4,099.3 | 10.8 |
| Illinois | 116.3 | 986.6 | 11.8 | 118.5 | 951.4 | 12.5 |
| Indiana | 87.9 | 639.8 | 13.7 | 78.9 | 621.3 | 12.7 |
| Michigan | 72.3 | 945.3 | 7.6 | 70.9 | 902.5 | 7.9 |
| Ohio | 124.9 | 1,114.0 | 11.2 | 128.2 | 1,073.5 | 11.9 |
| Wisconsin | 46.7 | 561.6 | 8.3 | 46.8 | 550.7 | 8.5 |
| Plains | 109.7 | 1,418.2 | 7.7 | 116.3 | 1,390.9 | 8.4 |
| Iowa | 20.6 | 237.5 | 8.7 | 19.4 | 234.1 | 8.3 |
| Kansas | 11.4 | 186.3 | 6.1 | 13.5 | 185.4 | 7.3 |
| Minnesota | 33.1 | 401.6 | 8.2 | 35.0 | 398.3 | 8.8 |
| Missouri | 33.5 | 439.7 | 7.6 | 35.6 | 419.5 | 8.5 |
| Nebraska | 7.4 | 101.1 | 7.3 | 8.8 | 100.4 | 8.7 |
| North Dakota | 1.1 | 17.5 | 6.5 | 1.4 | 18.1 | 7.8 |
| South Dakota | 2.6 | 34.6 | 7.5 | 2.6 | 35.2 | 7.3 |
| Southeast | 557.2 | 4,715.5 | 11.8 | 565.9 | 4,582.4 | 12.4 |
| Alabama | 32.9 | 387.7 | 8.5 | 34.8 | 382.9 | 9.1 |
| Arkansas | 17.8 | 233.7 | 7.6 | 17.9 | 234.5 | 7.6 |
| Florida | 48.1 | 523.5 | 9.2 | 48.1 | 496.6 | 9.7 |
| Georgia | 71.7 | 561.6 | 12.8 | 73.2 | 543.0 | 13.5 |
| Kentucky | 43.7 | 287.9 | 15.2 | 46.5 | 282.0 | 16.5 |
| Louisiana | 20.9 | 184.3 | 11.3 | 23.1 | 187.4 | 12.3 |
| Mississippi | 15.6 | 247.6 | 6.3 | 14.9 | 249.0 | 6.0 |
| North Carolina | 106.5 | 864.0 | 12.3 | 107.3 | 830.4 | 12.9 |
| South Carolina | 64.0 | 385.0 | 16.6 | 63.4 | 372.2 | 17.0 |
| Tennessee | 68.5 | 522.0 | 13.1 | 70.6 | 505.7 | 14.0 |
| Virginia | 50.2 | 430.2 | 11.7 | 48.1 | 414.9 | 11.6 |
| West Virginia | 17.4 | 88.0 | 19.7 | 18.1 | 83.9 | 21.6 |
| Southwest | 140.9 | 1,397.6 | 10.1 | 142.9 | 1,377.3 | 10.4 |
| Arizona | 12.1 | 187.1 | 6.5 | 12.2 | 177.4 | 6.9 |
| New Mexico | 3.2 | 43.8 | 7.4 | 3.2 | 42.0 | 7.6 |
| Oklahoma | 16.9 | 169.1 | 10.0 | 17.1 | 169.6 | 10.1 |
| Texas | 108.7 | 997.5 | 10.9 | 110.3 | 988.3 | 11.2 |
| Rocky Mountain | 27.1 | 396.3 | 6.8 | 26.4 | 388.2 | 6.8 |
| Colorado | 12.9 | 193.5 | 6.6 | 12.1 | 186.1 | 6.5 |
| Idaho | 4.5 | 63.5 | 7.0 | 5.1 | 63.8 | 7.9 |
| Montana | 1.4 | 22.5 | 6.1 | 1.3 | 21.9 | 5.9 |
| Utah | 7.5 | 107.3 | 7.0 | 7.0 | 106.9 | 6.6 |
| Wyoming | .9 | 9.5 | 9.0 | .8 | 9.4 | 9.0 |
| Far West | 255.5 | 2,773.9 | 9.2 | 248.3 | 2,622.2 | 9.5 |
| California | 215.4 | 2,152.5 | 10.0 | 206.6 | 2,027.5 | 10.2 |
| Nevada | 2.4 | 26.5 | 9.2 | 3.1 | 26.2 | 11.8 |
| Oregon | 14.5 | 223.3 | 6.5 | 15.4 | 215.2 | 7.1 |
| Washington | 23.2 | 371.6 | 6.2 | 23.3 | 353.4 | 6.6 |
| Alaska | 3.9 | 17.4 | 22.6 | 3.2 | 18.1 | 17.6 |
| Hawaii | 2.9 | 21.3 | 13.5 | 2.8 | 20.6 | 13.6 |
| Puerto Rico | 9.7 | n.a. | n.a. | 10.1 | n.a. | n.a. |
| Other U.S. areas ⁴ | 2.0 | n.a. | n.a. | 2.2 | n.a. | n.a. |
| Foreign ⁵ | .7 | n.a. | n.a. | 1.2 | n.a. | n.a. |

n.a. Not available.

1. The data on the manufacturing employment of all nonbank U.S. businesses are from BEA's Regional Economic Information System. The all-U.S.-business manufacturing totals shown in this table differ slightly from the NIPA estimates for manufacturing shown in table 4 (see footnote 2 to table 4). The all-U.S.-business employment data in this table are derived as the sum of the State estimates. They differ from the NIPA estimates of employment because, by definition, they exclude U.S. residents temporarily employed abroad by U.S. businesses. They also may differ from the NIPA estimates because of different data sources and revision schedules.

2. Total affiliate manufacturing employment and the shares of all-U.S.-business manufacturing employment accounted for by affiliates in this table differ from those shown in table 4 (see footnote 4 to table 4).

3. For consistency with the coverage of the all-U.S.-business employment data, U.S. affiliate employment in Puerto Rico, in "other U.S. areas," and in "foreign" was excluded from the U.S. affiliate employment total when the percentage shares on this line were computed.

4. See footnote 3 to table 5.

5. See footnote 4 to table 5.

Majority-Owned U.S. Affiliates

The estimates presented thus far have covered the operations of all U.S. nonbank affiliates—that is, all U.S. nonbank companies that are owned 10 percent or more by a foreign direct investor. This section covers only the estimates for nonbank majority-owned U.S. affiliates (MOUSA's), which are affiliates that are owned more than 50 percent by foreign direct investors.

Table 8 shows estimates of selected items—total assets, employment, sales, and gross property, plant, and equipment—for MOUSA's and gives their shares of the affiliate totals for these items. Most of the MOUSA shares are high because most U.S. affiliates are majority owned.

The following discussion covers MOUSA shares of total assets and employment of all nonbank affiliates by industry, by area, and by country. The distributions of MOUSA shares of sales and of gross property, plant, and equipment are not

discussed, but they tend to be similar to those of assets and employment.

In 1991, MOUSA's accounted for 80 percent of the total assets and 82 percent of the employment of all nonbank U.S. affiliates. Their shares of assets and of employment were high in most industries. By major industry, their shares were highest in wholesale trade (96 percent of assets and 93 percent of employment) and lowest in "other industries."

In manufacturing, MOUSA's accounted for 82 percent of the assets and 84 percent of the employment of all U.S. manufacturing affiliates. The shares were highest in food and kindred products (98 percent of assets and 99 percent of employment) and lowest in primary and fabricated metals (65 percent of assets and 67 percent of employment).

By area, the asset share for MOUSA's was highest for affiliates with UBO's in Asia and Pacific (86 percent), and the employment share was highest

Table 7.—Total Assets and Sales of U.S. Affiliates and All U.S. Businesses in Manufacturing, 1990 and 1991¹

| | Millions of dollars | | | | U.S. affiliates as a percentage of all U.S. businesses | |
|--|---------------------|------------------|---------------------|------------------|--|------------------|
| | U.S. affiliates | | All U.S. businesses | | 1990 | 1991 |
| | 1990 | 1991 | 1990 | 1991 | | |
| | Total assets | | | | | |
| Manufacturing | 497,347 | 516,671 | 2,629,458 | 2,688,422 | 18.9 | 19.2 |
| Stone, clay, and glass products | 25,154 | 25,835 | 59,414 | 59,174 | 42.3 | 43.7 |
| Chemicals and allied products | 137,803 | 144,412 | 325,370 | 357,665 | 42.4 | 40.4 |
| Primary metal industries | 29,612 | 33,210 | 101,707 | 105,558 | 29.1 | 31.5 |
| Rubber and plastics products | 18,643 | 17,818 | 56,305 | 61,884 | 33.1 | 28.8 |
| Electric and electronic equipment | 41,181 | 44,331 | 204,294 | 211,567 | 20.2 | 21.0 |
| Petroleum and coal products | 68,269 | 68,080 | 339,451 | 327,961 | 20.1 | 20.8 |
| Fabricated metal products | 17,924 | 17,721 | 94,213 | 94,936 | 19.0 | 18.7 |
| Printing and publishing | 26,509 | 25,422 | 155,635 | 159,752 | 17.0 | 15.9 |
| Food and kindred products ² | (^b) | (^b) | 314,925 | 319,782 | (^b) | (^b) |
| Instruments and related products | 13,333 | 15,917 | 114,718 | 117,939 | 11.6 | 13.5 |
| Machinery, except electrical | 33,760 | 35,096 | 267,534 | 268,912 | 12.6 | 13.1 |
| Textile mill products | 3,474 | 3,827 | 41,147 | 40,744 | 8.4 | 9.4 |
| Paper and allied products | 9,951 | 10,245 | 117,335 | 130,748 | 8.5 | 7.8 |
| Transportation equipment | 15,453 | 16,443 | 328,951 | 337,038 | 4.7 | 4.9 |
| Other | (^b) | (^b) | 108,459 | 94,761 | (^b) | (^b) |
| | Sales | | | | | |
| Manufacturing | 468,222 | 463,116 | 2,810,736 | 2,761,071 | 16.7 | 16.8 |
| Stone, clay, and glass products | 17,861 | 16,825 | 55,662 | 51,075 | 32.1 | 32.9 |
| Chemicals and allied products | 110,451 | 111,268 | 287,568 | 297,841 | 38.4 | 37.4 |
| Primary metal industries | 32,295 | 31,830 | 120,547 | 114,834 | 26.8 | 27.7 |
| Rubber and plastics products | 16,782 | 15,171 | 76,691 | 81,338 | 21.9 | 18.7 |
| Electric and electronic equipment | 43,284 | 45,575 | 216,031 | 220,145 | 20.0 | 20.7 |
| Petroleum and coal products | 71,810 | 63,179 | 318,490 | 282,244 | 22.5 | 22.4 |
| Fabricated metal products | 18,519 | 18,470 | 135,935 | 127,223 | 13.6 | 14.5 |
| Printing and publishing | 17,243 | 16,828 | 143,484 | 145,745 | 12.0 | 11.5 |
| Food and kindred products ² | (^b) | (^b) | 397,452 | 408,858 | (^b) | (^b) |
| Instruments and related products | 10,812 | 14,232 | 102,755 | 102,167 | 10.5 | 13.9 |
| Machinery, except electrical | 36,739 | 35,291 | 255,453 | 249,480 | 14.4 | 14.1 |
| Textile mill products | 3,265 | 3,572 | 54,696 | 55,721 | 6.0 | 6.4 |
| Paper and allied products | 9,275 | 9,736 | 115,523 | 122,969 | 8.0 | 7.9 |
| Transportation equipment | 19,881 | 20,953 | 352,872 | 340,721 | 5.6 | 6.1 |
| Other | (^b) | (^b) | 177,577 | 160,710 | (^b) | (^b) |

^b Suppressed to avoid disclosure of data of individual companies.

1. The U.S.-affiliate and all-U.S.-business data are classified by industry of enterprise. In this table, unlike most other tables on direct investment published here and elsewhere, petroleum and coal products is included in manufacturing in order to be consistent with the all-U.S.-business data.

2. Includes tobacco manufacturing.

NOTE.—Total assets and sales of all U.S. businesses cover U.S. corporations and are from various issues of the *Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations* published by the Census Bureau.

for affiliates with UBO's in Europe (86 percent). The MOUSA shares of both assets and employment were lowest for UBO's in the United States.¹⁵ By country, MOUSA's with UBO's in Switzerland had particularly high shares of both assets (97 percent) and employment (94 percent).

The preceding section of this article discussed the shares of all-U.S.-business employment and assets accounted for by all nonbank U.S. affiliates—both majority and minority owned. When only MOUSA's are used in the calculation of these shares, the affiliate share of all-U.S.-business employment in 1991 was 4.3 percent (compared with 5.2 percent for all affiliates), and the share of all-U.S.-business assets in man-

ufacturing was 16.0 percent (compared with 19.2 percent). In 1990, the MOUSA shares were 4.0 percent of employment and 15.7 percent of assets.

Tables 9.1 through 15.2 follow.

Data Availability

Estimates of U.S. affiliate operations in 1977-91 are available on computer diskettes; these estimates are comparable with those in this article but are presented in greater detail. For information about purchasing the diskettes, call (202) 523-6545. The estimates for 1977-89 are also available in a series of annual publications; for order information, call (202) 523-0777. Publications presenting the revised estimates for 1990 and the preliminary estimates for 1991 will be available later this summer; their availability will be announced on the inside back cover of the SURVEY.

15. The definition of direct investment is based on whether a U.S. company has a foreign parent rather than on the location of the UBO. Thus, while all U.S. affiliates have a foreign parent, some may have a UBO that is located in the United States.

Table 8.—Selected Data of Nonbank Majority-Owned U.S. Affiliates, by Industry of Affiliate and by Country of Ultimate Beneficial Owner, 1990 and 1991

| | 1990 ^r | | | | | | | | 1991 ^p | | | | | | | |
|--|---------------------|--------------------------------------|------------------|------------------------|---|--------------------------------------|------------------|------------|---------------------|--------------------------------------|------------------|------------------------|---|--------------------------------------|------------------|------------------|
| | Millions of dollars | | | Thousands of employees | Majority-owned affiliates as a percentage of all nonbank affiliates | | | | Millions of dollars | | | Thousands of employees | Majority-owned affiliates as a percentage of all nonbank affiliates | | | |
| | Total assets | Gross property, plant, and equipment | Sales | | Total assets | Gross property, plant, and equipment | Sales | Employment | Total assets | Gross property, plant, and equipment | Sales | | Total assets | Gross property, plant, and equipment | Sales | Employment |
| All industries, all countries | 1,269,876 | 438,182 | 995,013 | 3,842 | 82 | 76 | 85 | 81 | 1,391,393 | 486,481 | 1,001,286 | 3,944 | 80 | 77 | 85 | 82 |
| By industry | | | | | | | | | | | | | | | | |
| Petroleum | 87,819 | 88,782 | 101,776 | 133 | 87 | 87 | 87 | 89 | 87,512 | 90,119 | 92,567 | 127 | 86 | 86 | 87 | 89 |
| Manufacturing | 343,345 | 158,487 | 322,011 | 1,833 | 80 | 71 | 81 | 83 | 366,915 | 178,696 | 334,845 | 1,865 | 82 | 74 | 84 | 84 |
| Food and kindred products | 44,208 | 16,174 | 45,182 | 241 | 96 | 97 | 96 | 97 | 46,983 | 17,952 | 46,507 | 238 | 98 | 99 | 98 | 99 |
| Chemicals and allied products | (^D) | (^D) | 81,660 | 380 | (^D) | (^D) | 74 | 74 | 105,549 | (^D) | 84,924 | 375 | 73 | (^D) | 76 | 75 |
| Primary and fabricated metals | 31,593 | 17,345 | 34,923 | 177 | 66 | 56 | 69 | 69 | 32,868 | 19,421 | 34,060 | 178 | 65 | 57 | 68 | 67 |
| Machinery | 64,032 | 23,246 | 69,481 | 440 | 85 | 80 | 87 | 86 | 70,582 | 26,517 | 72,851 | 448 | 89 | 86 | 90 | 89 |
| Other manufacturing | (^D) | (^D) | 90,764 | 595 | (^D) | (^D) | 84 | 85 | 110,934 | (^D) | 96,502 | 625 | 88 | (^D) | 88 | 88 |
| Wholesale trade | 151,933 | 35,165 | 354,240 | 396 | 95 | 95 | 95 | 92 | 166,426 | 42,102 | 338,853 | 401 | 96 | 97 | 95 | 93 |
| Retail trade | 40,841 | 18,676 | 63,517 | 637 | 87 | 83 | 83 | 86 | 44,823 | 22,057 | 71,443 | 663 | 88 | 84 | 82 | 85 |
| Finance, except banking | 287,957 | 3,010 | 25,178 | 34 | 88 | 77 | 82 | 62 | 325,993 | 3,919 | 25,678 | 37 | 86 | 79 | 80 | 63 |
| Insurance | (^D) | (^D) | (^D) | 102 | (^D) | (^D) | (^D) | 76 | (^D) | (^D) | (^D) | (^D) | (^D) | (^D) | (^D) | (^D) |
| Real estate | 90,586 | 68,224 | 14,035 | 30 | 81 | 79 | 80 | 68 | 94,029 | 72,125 | 12,968 | 34 | 82 | 78 | 80 | 80 |
| Services | 75,411 | 31,238 | 32,880 | 464 | 87 | 82 | 82 | 81 | 78,260 | 35,700 | 34,563 | 479 | 86 | 83 | 79 | 80 |
| Other industries | (^D) | (^D) | (^D) | 213 | (^D) | (^D) | (^D) | 55 | (^D) | (^D) | (^D) | (^D) | (^D) | (^D) | (^D) | (^D) |
| By country | | | | | | | | | | | | | | | | |
| Canada | 170,801 | 55,150 | 91,413 | 561 | 75 | 52 | 72 | 76 | 181,011 | 56,656 | 89,602 | 557 | 77 | 53 | 74 | 78 |
| Europe | 660,132 | 261,368 | 529,959 | 2,495 | 88 | 89 | 88 | 86 | 720,688 | 287,647 | 537,240 | 2,537 | 82 | 88 | 89 | 86 |
| Of which: | | | | | | | | | | | | | | | | |
| France | 71,646 | 30,964 | 68,783 | 304 | 92 | 93 | 84 | 90 | (^D) | 33,861 | 68,864 | 306 | (^D) | 81 | 78 | 84 |
| Germany | 90,344 | 35,052 | 93,223 | 409 | 90 | 84 | 86 | 79 | 109,333 | 44,362 | 97,286 | 421 | 92 | 89 | 86 | 81 |
| Netherlands | 85,236 | 54,434 | 68,497 | 261 | 94 | 94 | 94 | 91 | (^D) | 57,103 | 69,621 | 268 | (^D) | 94 | 94 | 92 |
| Switzerland | 111,025 | 20,388 | 58,877 | 255 | 97 | 93 | 93 | 93 | 112,800 | 22,353 | 60,065 | 260 | 97 | 94 | 95 | 94 |
| United Kingdom | 236,466 | 96,047 | 178,247 | 954 | 88 | 92 | 93 | 91 | 249,654 | 102,817 | 175,809 | 958 | 88 | 92 | 94 | 90 |
| Latin America and Other Western Hemisphere | 22,829 | 12,349 | 30,255 | 104 | 60 | 74 | 81 | 77 | 24,668 | 14,007 | 27,667 | 106 | 62 | 77 | 82 | 81 |
| Africa | 2,491 | 1,531 | 1,393 | 6 | (^D) | 25 | 24 | 37 | 2,852 | 1,864 | 1,838 | 9 | (^D) | 31 | 47 | 57 |
| Middle East | (^D) | (^D) | (^D) | 16 | (^D) | (^D) | (^D) | 63 | (^D) | (^D) | (^D) | 19 | (^D) | (^D) | (^D) | 71 |
| Asia and Pacific | 393,796 | 96,619 | 329,773 | 647 | 85 | 72 | 88 | 73 | 443,338 | 114,428 | 333,025 | 702 | 86 | 75 | 88 | 74 |
| Of which: | | | | | | | | | | | | | | | | |
| Australia | 32,006 | 11,317 | 19,086 | 87 | 69 | 52 | 60 | 53 | 31,819 | 10,010 | 19,316 | 73 | 67 | 48 | 58 | 47 |
| Japan | 334,963 | 75,847 | 290,840 | 496 | 88 | 77 | 91 | 79 | 382,677 | 93,397 | 293,076 | 566 | 88 | 79 | 92 | 80 |
| United States | (^D) | (^D) | (^D) | 12 | (^D) | (^D) | (^D) | 38 | (^D) | (^D) | (^D) | 14 | (^D) | (^D) | (^D) | 44 |

^r Revised.
^p Preliminary.
^D Suppressed to avoid disclosure of data of individual companies.

Table 9.1.—Selected Data of Nonbank U.S. Affiliates, by Industry of Affiliate, 1990

| | Millions of dollars | | | | | Thousands of employees | Millions of dollars | | | | |
|--|---------------------|------------------|----------------|---------------|-----------------------|------------------------|--------------------------------------|-------------------------------|--|--|--|
| | Total assets | Sales | Gross product | Net income | Employee compensation | | Gross property, plant, and equipment | | Expenditures for new plant and equipment | U.S. merchandise exports shipped by affiliates | U.S. merchandise imports shipped to affiliates |
| | | | | | | | Total | Of which: Commercial property | | | |
| All industries | 1,550,238 | 1,175,857 | 243,227 | -4,535 | 163,592 | 4,734.5 | 578,355 | 146,520 | 69,580 | 92,308 | 182,936 |
| Petroleum | 101,179 | 117,537 | 26,712 | 2,811 | 6,457 | 149.4 | 102,186 | 5,190 | 7,058 | 2,891 | 18,637 |
| Petroleum and coal products manufacturing | 68,269 | 71,810 | 20,461 | 2,496 | 4,481 | 105.2 | 75,940 | 3,970 | 5,017 | 1,367 | 9,703 |
| Other | 32,910 | 45,727 | 6,252 | 315 | 1,976 | 44.2 | 26,247 | 1,221 | 2,041 | 1,525 | 8,934 |
| Manufacturing | 429,079 | 396,412 | 119,704 | -31 | 88,730 | 2,220.7 | 223,889 | 8,860 | 27,869 | 36,069 | 47,171 |
| Food and kindred products | 45,987 | 47,070 | 10,944 | 89 | 7,290 | 247.3 | 16,628 | 1,864 | 2,100 | 1,578 | 2,415 |
| Beverages | 18,159 | 13,297 | 3,452 | 372 | 2,046 | 55.7 | 5,509 | 522 | 571 | 246 | 601 |
| Other | 27,828 | 33,773 | 7,493 | -283 | 5,244 | 191.6 | 11,119 | 1,343 | 1,529 | 1,332 | 1,814 |
| Chemicals and allied products | 137,803 | 110,451 | 37,387 | 4,923 | 23,817 | 512.5 | 86,359 | 2,733 | 10,498 | 10,720 | 9,058 |
| Industrial chemicals and synthetics | 86,985 | 64,688 | 22,369 | 2,804 | 14,062 | 294.0 | 64,901 | 1,680 | 7,324 | 8,665 | 5,489 |
| Drugs | 26,766 | 22,067 | 8,934 | 1,847 | 5,427 | 115.0 | 11,278 | 562 | 1,694 | 1,104 | 2,081 |
| Soap, cleaners, and toilet goods | 14,563 | 14,765 | 3,537 | 148 | 2,513 | 61.6 | 5,403 | (P) | 766 | 289 | 345 |
| Other | 9,490 | 8,931 | 2,547 | 124 | 1,815 | 41.9 | 4,778 | (P) | 714 | 663 | 1,143 |
| Primary and fabricated metals | 47,536 | 50,813 | 14,623 | 363 | 11,157 | 255.5 | 30,771 | 483 | 3,352 | 2,816 | 5,041 |
| Primary metal industries | 29,612 | 32,295 | 8,319 | 312 | 6,272 | 135.2 | 22,801 | 204 | 2,400 | 1,765 | 3,786 |
| Ferrous | 16,296 | 16,001 | 4,566 | 60 | 3,637 | 73.9 | 14,445 | 81 | 1,337 | 413 | 974 |
| Nonferrous | 13,317 | 16,294 | 3,753 | 252 | 2,634 | 61.2 | 8,356 | 123 | 1,063 | 1,352 | 2,812 |
| Fabricated metal products | 17,924 | 18,519 | 6,304 | 51 | 4,885 | 120.3 | 7,969 | 279 | 952 | 1,052 | 1,254 |
| Machinery | 74,941 | 80,023 | 23,219 | -3,659 | 20,965 | 509.1 | 29,146 | 785 | 4,470 | 13,478 | 17,929 |
| Machinery, except electrical | 33,760 | 36,739 | 10,130 | -1,464 | 9,009 | 219.0 | 12,795 | 393 | 1,960 | 5,162 | 8,399 |
| Computer and office equipment | 11,366 | 12,086 | 3,189 | -1,028 | 3,005 | 61.3 | 3,941 | 138 | 680 | 1,747 | 4,508 |
| Other | 22,944 | 24,653 | 6,941 | -437 | 6,004 | 157.6 | 8,853 | 256 | 1,281 | 3,415 | 3,891 |
| Electric and electronic equipment | 41,181 | 43,284 | 13,089 | -2,195 | 11,956 | 290.1 | 16,351 | 391 | 2,509 | 8,316 | 9,530 |
| Household audio, video, and communications equipment | 11,723 | 15,885 | 4,766 | -734 | 4,068 | 90.0 | 5,277 | 137 | 724 | 3,983 | 5,086 |
| Electronic components and accessories | 9,729 | 7,975 | 2,274 | -647 | 2,262 | 65.1 | 5,170 | 75 | 940 | 1,412 | 2,089 |
| Other | 19,729 | 19,424 | 6,048 | -813 | 5,625 | 135.1 | 5,904 | 179 | 845 | 2,922 | 2,355 |
| Other manufacturing | 122,811 | 108,054 | 33,530 | -1,746 | 25,502 | 696.4 | 60,985 | 2,995 | 7,450 | 7,476 | 12,728 |
| Textile products and apparel | 5,676 | 5,801 | 2,046 | -188 | 1,449 | 60.3 | 3,623 | 381 | 344 | 282 | 404 |
| Lumber, wood, furniture and fixtures | 2,430 | 2,855 | 879 | 35 | 579 | 19.9 | 1,430 | 58 | 193 | 246 | 199 |
| Paper and allied products | 9,951 | 9,275 | 3,189 | 136 | 1,955 | 49.3 | 8,600 | 77 | 994 | 711 | 816 |
| Printing and publishing | 26,509 | 17,243 | 5,462 | -370 | 4,391 | 121.2 | 6,162 | 761 | 719 | 573 | 209 |
| Newspapers | (P) | 2,181 | 1,140 | 183 | 744 | 24.6 | 968 | (P) | 143 | 0 | 6 |
| Other | (P) | 15,062 | 4,321 | -553 | 3,647 | 96.6 | 5,194 | (P) | 576 | 573 | 202 |
| Rubber products | 13,578 | 12,266 | 3,976 | -654 | 3,487 | 83.9 | 7,208 | 516 | 1,059 | 945 | 1,761 |
| Miscellaneous plastics products | 5,066 | 4,517 | 1,225 | -6 | 926 | 29.6 | 3,021 | 85 | 662 | 202 | 596 |
| Stone, clay, and glass products | 25,154 | 17,861 | 5,958 | -659 | 4,762 | 122.8 | 16,731 | 415 | 1,295 | 613 | 1,050 |
| Transportation equipment | 15,453 | 19,881 | 3,849 | -792 | 3,330 | 87.8 | 7,604 | 397 | 1,165 | 1,237 | 5,932 |
| Motor vehicles and equipment | 10,992 | 15,783 | 2,645 | -614 | 2,179 | 57.0 | 6,315 | 345 | 1,061 | 510 | 5,445 |
| Other transportation equipment, nec | 4,461 | 4,099 | 1,205 | -178 | 1,151 | 30.8 | 1,289 | 52 | 105 | 727 | 487 |
| Instruments and related products | 13,333 | 10,812 | 4,319 | 5 | 3,210 | 90.3 | 4,308 | 272 | 618 | 1,528 | 1,019 |
| Other | 5,662 | 7,545 | 2,628 | 746 | 1,413 | 31.2 | 2,296 | 33 | 401 | 1,139 | 742 |
| Wholesale trade | 160,276 | 374,551 | 24,392 | -1,189 | 15,795 | 429.9 | 37,008 | 7,211 | 8,211 | 49,925 | 113,639 |
| Motor vehicles and equipment | 48,466 | 92,304 | 6,451 | -186 | 3,215 | 74.7 | 14,072 | 2,164 | 4,482 | 4,786 | 44,659 |
| Professional and commercial equipment and supplies | 8,632 | 14,937 | 1,873 | -94 | 1,459 | 36.3 | 1,823 | 441 | 393 | 751 | 7,993 |
| Metals and minerals, except petroleum | 15,217 | 53,197 | 1,729 | -20 | 1,187 | 28.5 | 3,011 | 463 | 437 | 10,032 | 11,165 |
| Electrical goods | 27,031 | 36,150 | 4,154 | -399 | 2,985 | 86.4 | 5,547 | 1,425 | 1,312 | 1,786 | 19,550 |
| Machinery, equipment, and supplies | 17,187 | 36,904 | 1,873 | -418 | 1,517 | 37.7 | 2,126 | 559 | 388 | 10,313 | 10,723 |
| Other durable goods | 12,576 | 53,941 | 2,063 | -16 | 1,437 | 42.7 | 2,346 | 682 | 326 | 3,653 | 5,850 |
| Groceries and related products | 5,769 | 20,476 | 1,596 | -360 | 1,185 | 42.8 | 1,606 | 691 | 189 | 1,523 | 2,934 |
| Farm product raw materials | 8,817 | 40,097 | 966 | 78 | 570 | 17.9 | 1,859 | 259 | 117 | 14,398 | 3,553 |
| Other nondurable goods | 16,580 | 26,544 | 3,687 | 226 | 2,240 | 63.0 | 4,617 | 527 | 567 | 2,683 | 7,213 |
| Retail trade | 46,898 | 76,930 | 17,130 | -964 | 12,500 | 744.7 | 22,420 | 13,562 | 2,647 | 1,179 | 2,170 |
| General merchandise stores | 14,475 | 12,813 | 3,476 | -897 | 2,831 | 136.5 | 6,278 | (P) | 402 | 10 | 309 |
| Food stores | 11,774 | 37,440 | 7,092 | 331 | 4,816 | 292.5 | 8,268 | 5,161 | 1,183 | 6 | 291 |
| Apparel and accessory stores | 6,792 | 7,307 | 1,880 | -325 | 1,426 | 85.5 | 2,931 | 1,710 | 318 | 8 | 532 |
| Other | 13,856 | 19,371 | 4,682 | -73 | 3,427 | 230.1 | 4,942 | (P) | 745 | 1,156 | 1,037 |
| Finance, except banking | 328,603 | 30,888 | 5,014 | -1,425 | 4,821 | 53.8 | 3,923 | 1,246 | 619 | 6 | 4 |
| Insurance | 205,567 | 62,574 | 9,545 | 2,284 | 5,232 | 133.3 | 9,744 | 3,000 | 1,574 | 0 | 0 |
| Real estate | 112,353 | 17,593 | 6,349 | -2,055 | 1,416 | 43.3 | 86,731 | 80,285 | 8,136 | 7 | 2 |
| Services | 86,243 | 40,272 | 16,690 | -2,042 | 13,799 | 570.3 | 38,325 | 22,616 | 6,935 | 549 | 327 |
| Hotels and other lodging places | 27,029 | 5,818 | 2,456 | -977 | 1,885 | 120.2 | 19,155 | 17,097 | 1,807 | 2 | 3 |
| Business services | 17,530 | 13,474 | 7,341 | -412 | 6,278 | 229.3 | 6,160 | 912 | 1,072 | 161 | 96 |
| Computer and data processing services | 5,320 | 4,441 | 2,284 | 23 | 1,697 | 32.9 | 2,662 | 87 | 531 | 122 | 21 |
| Other business services | 12,210 | 9,033 | 5,058 | -435 | 4,581 | 196.4 | 3,497 | 716 | 540 | 39 | 75 |
| Motion pictures, including television tape and film | 24,392 | 9,372 | 1,905 | -501 | 1,698 | 43.0 | 4,226 | 1,569 | 253 | 86 | 78 |
| Engineering, architectural, and surveying services | 3,870 | 4,693 | 1,568 | 5 | 1,373 | 35.0 | 1,014 | 421 | 117 | 260 | 68 |
| Accounting, research, management, and related services | 1,703 | 1,023 | 434 | -56 | 415 | 8.0 | 501 | 164 | 85 | 15 | 1 |
| Health services | 1,614 | 1,656 | 1,025 | 31 | 905 | 59.4 | 823 | 94 | 68 | 0 | 0 |
| Other services | 10,104 | 4,236 | 1,961 | -130 | 1,246 | 75.4 | 6,447 | 2,458 | 3,533 | 26 | 80 |
| Other industries | 80,042 | 59,100 | 17,690 | -1,924 | 14,842 | 389.0 | 54,129 | 4,550 | 6,531 | 1,683 | 986 |
| Agriculture, forestry, and fishing | 5,227 | 2,293 | 843 | 75 | 401 | 21.5 | 4,014 | 1,191 | 362 | 298 | 54 |
| Mining | 16,961 | 8,184 | 3,459 | 597 | 1,523 | 36.0 | 14,183 | 103 | 978 | 1,222 | 320 |
| Coal | 2,546 | 1,740 | 522 | -117 | 317 | 7.6 | 2,190 | 1 | 127 | 246 | (P) |
| Other | 14,415 | 6,444 | 2,938 | 713 | 1,206 | 28.5 | 11,993 | 102 | 851 | 976 | (P) |
| Construction | 14,796 | 16,822 | 4,061 | -243 | 3,664 | 92.0 | 8,141 | 1,364 | 494 | 149 | (P) |
| Transportation | 25,500 | 27,190 | 7,359 | -2,948 | 8,119 | 193.4 | 21,627 | 1,623 | 3,207 | (P) | (P) |
| Communication and public utilities | 17,558 | 4,611 | 1,968 | 596 | 1,135 | 46.1 | 6,164 | 269 | 1,490 | (P) | 61 |

(P) Suppressed to avoid disclosure of data of individual companies.
* Less than \$500,000 (±).

NOTE.—Estimates for 1990 are revised.

Table 9.2.—Selected Data of Nonbank U.S. Affiliates, by Industry of Affiliate, 1991

| | Millions of dollars | | | | | Thousands of employees | Millions of dollars | | | | |
|--|---------------------|------------------|----------------|----------------|-----------------------|------------------------|--------------------------------------|-------------------------------|--|--|--|
| | Total assets | Sales | Gross product | Net income | Employee compensation | | Gross property, plant, and equipment | | Expenditures for new plant and equipment | U.S. merchandise exports shipped by affiliates | U.S. merchandise imports shipped to affiliates |
| | | | | | | | Total | Of which: Commercial property | | | |
| All industries | 1,743,762 | 1,174,069 | 258,370 | -10,743 | 173,911 | 4,809.2 | 634,688 | 164,351 | 67,541 | 98,369 | 179,694 |
| Petroleum | 102,052 | 106,393 | 25,166 | 390 | 6,753 | 142.0 | 105,181 | 5,671 | 7,590 | 3,700 | 15,911 |
| Petroleum and coal products manufacturing | 68,080 | 63,179 | 18,315 | 475 | 4,527 | 98.6 | 76,187 | 4,364 | 4,692 | 1,334 | 7,621 |
| Other | 33,973 | 43,213 | 6,851 | -85 | 2,225 | 43.5 | 28,994 | 1,307 | 2,898 | 2,366 | 8,290 |
| Manufacturing | 448,592 | 399,936 | 124,222 | -3,070 | 91,884 | 2,214.8 | 241,351 | 9,638 | 25,775 | 39,432 | 47,983 |
| Food and kindred products | 48,178 | 47,624 | 11,965 | 228 | 7,512 | 241.7 | 18,172 | 2,045 | 1,943 | 1,825 | 2,893 |
| Beverages | 19,356 | 13,367 | 3,655 | 41 | 2,133 | 56.6 | 5,979 | 670 | 623 | 282 | 652 |
| Other | 28,822 | 34,257 | 8,310 | 186 | 5,380 | 185.0 | 12,193 | 1,375 | 1,320 | 1,543 | 2,241 |
| Chemicals and allied products | 144,412 | 111,268 | 37,986 | 4,085 | 24,501 | 497.7 | 91,052 | 2,886 | 9,894 | 11,268 | 9,751 |
| Industrial chemicals and synthetics | 85,581 | 61,158 | 21,402 | 1,565 | 13,799 | 273.0 | 66,018 | 1,834 | 6,470 | 8,998 | 5,738 |
| Drugs | 31,333 | 25,063 | 10,063 | 2,322 | 6,038 | 123.6 | 13,500 | 465 | 1,945 | 1,156 | 2,701 |
| Soap, cleaners, and toilet goods | 15,444 | 15,137 | 3,632 | 20 | 2,671 | 59.2 | 5,885 | (P) | 691 | 304 | 304 |
| Other | 12,054 | 9,909 | 2,889 | 179 | 1,993 | 41.9 | 5,648 | (P) | 788 | 811 | 1,007 |
| Primary and fabricated metals | 50,931 | 50,300 | 14,751 | -1,078 | 11,747 | 267.1 | 34,260 | 701 | 3,196 | 3,558 | 5,032 |
| Primary metal industries | 33,210 | 31,830 | 8,338 | -777 | 6,785 | 148.2 | 25,488 | 216 | 2,284 | 2,189 | 3,783 |
| Ferrous | 18,889 | 17,243 | 4,832 | -728 | 4,182 | 86.8 | 16,304 | 89 | 1,229 | 752 | 1,307 |
| Nonferrous | 14,321 | 14,586 | 3,506 | -49 | 2,604 | 61.4 | 9,184 | 127 | 1,055 | 1,437 | 2,476 |
| Fabricated metal products | 17,721 | 18,470 | 6,413 | -300 | 4,962 | 118.9 | 8,772 | 485 | 913 | 1,369 | 1,249 |
| Machinery | 79,426 | 80,866 | 24,277 | -3,071 | 21,309 | 501.0 | 30,800 | 794 | 3,850 | 14,345 | 16,608 |
| Machinery, except electrical | 35,096 | 35,291 | 9,992 | -1,853 | 9,069 | 212.9 | 13,519 | 473 | 1,590 | 4,971 | 7,733 |
| Computer and office equipment | 11,036 | 11,640 | 2,978 | -1,279 | 2,999 | 57.5 | 4,380 | 157 | 754 | 1,807 | 3,883 |
| Other | 24,059 | 23,652 | 7,014 | -574 | 6,070 | 155.5 | 9,139 | 316 | 836 | 3,164 | 8,850 |
| Electric and electronic equipment | 44,331 | 45,575 | 14,285 | -1,218 | 12,239 | 288.1 | 17,281 | 321 | 2,260 | 9,375 | 8,575 |
| Household audio, video, and communications equipment | 12,031 | 15,877 | 5,073 | -14 | 3,924 | 81.1 | 5,336 | 123 | 518 | 4,359 | 4,597 |
| Electronic components and accessories | 8,365 | 6,697 | 1,783 | -476 | 1,778 | 54.1 | 4,055 | 58 | 672 | 1,166 | 1,436 |
| Other | 23,935 | 23,001 | 7,429 | -727 | 6,537 | 152.8 | 7,891 | 140 | 1,071 | 3,850 | 2,841 |
| Other manufacturing | 125,644 | 109,879 | 35,243 | -3,234 | 26,815 | 707.3 | 67,066 | 3,211 | 6,891 | 8,435 | 13,699 |
| Textile products and apparel | 6,265 | 6,357 | 2,352 | -70 | 1,595 | 61.6 | 4,103 | 456 | 376 | 304 | 417 |
| Lumber, wood, furniture and fixtures | 2,635 | 3,104 | 810 | -21 | 620 | 24.0 | 1,543 | 60 | 193 | 230 | 186 |
| Paper and allied products | 10,245 | 9,736 | 3,353 | -88 | 2,159 | 50.3 | 9,409 | 41 | 861 | 864 | 889 |
| Printing and publishing | 25,422 | 16,828 | 5,445 | -617 | 4,377 | 118.3 | 6,158 | 984 | 729 | 483 | 316 |
| Newspapers | (D) | (D) | 965 | (D) | 762 | 25.1 | (D) | (D) | (D) | 0 | 6 |
| Other | (D) | (D) | 4,480 | (D) | 3,615 | 93.2 | (D) | (D) | (D) | 483 | 311 |
| Rubber products | 11,478 | 10,398 | 3,294 | -1,027 | 3,285 | 74.9 | 7,306 | 464 | 689 | 964 | 1,454 |
| Miscellaneous plastics products | 6,340 | 4,773 | 1,378 | -330 | 1,164 | 30.4 | 3,596 | 103 | 411 | 207 | 403 |
| Stone, clay, and glass products | 25,835 | 16,825 | 5,712 | -924 | 4,561 | 111.4 | 17,595 | 362 | 1,209 | 597 | 895 |
| Transportation equipment | 16,443 | 20,953 | 4,413 | -562 | 3,636 | 91.6 | 9,083 | 378 | 1,372 | 1,484 | 6,647 |
| Motor vehicles and equipment | 11,174 | 16,524 | 3,094 | -450 | 2,373 | 56.7 | 7,484 | 336 | 1,251 | 940 | 6,092 |
| Other transportation equipment, nec | 5,269 | 4,428 | 1,318 | -112 | 1,263 | 34.9 | 1,599 | 42 | 121 | 545 | 554 |
| Instruments and related products | 15,917 | 14,232 | 5,965 | 412 | 4,276 | 113.2 | 5,823 | 341 | 676 | 1,995 | 1,128 |
| Other | 5,065 | 6,672 | 2,520 | -6 | 1,141 | 31.6 | 2,451 | 22 | 396 | 1,307 | 1,364 |
| Wholesale trade | 173,888 | 355,565 | 26,354 | -1,433 | 17,397 | 429.8 | 43,600 | 8,332 | 8,340 | 51,995 | 112,064 |
| Motor vehicles and equipment | 53,793 | 94,616 | 7,257 | -123 | 3,522 | 77.1 | 17,842 | 2,723 | 4,899 | 5,650 | 40,279 |
| Professional and commercial equipment and supplies | 9,699 | 16,277 | 2,174 | -197 | 1,735 | 39.5 | 2,253 | 522 | 484 | 820 | 8,635 |
| Metals and minerals, except petroleum | 15,367 | 40,529 | 1,689 | -137 | 1,239 | 27.8 | 3,182 | 434 | 365 | 10,828 | 10,807 |
| Electrical goods | 31,865 | 38,663 | 4,541 | -580 | 3,689 | 85.2 | 6,472 | 1,857 | 1,077 | 2,097 | 20,662 |
| Machinery, equipment, and supplies | 17,247 | 38,289 | 1,944 | -174 | 1,447 | 33.2 | 2,026 | 492 | 263 | 9,798 | 11,978 |
| Other durable goods | 13,254 | 42,423 | 2,458 | 56 | 1,623 | 44.8 | 2,693 | 776 | 492 | 2,633 | 6,499 |
| Groceries and related products | 6,308 | 19,724 | 1,680 | -11 | 1,214 | 43.7 | 1,621 | 713 | 157 | 1,659 | 3,030 |
| Farm product raw materials | 9,647 | 39,512 | 1,091 | 71 | 644 | 19.0 | 2,041 | 291 | 166 | 15,146 | 3,706 |
| Other nondurable goods | 16,719 | 25,533 | 3,520 | -339 | 2,283 | 59.5 | 5,470 | 525 | 435 | 3,365 | 6,469 |
| Retail trade | 51,152 | 86,689 | 20,450 | -543 | 13,825 | 780.1 | 26,334 | 16,879 | 2,858 | 1,103 | 2,389 |
| General merchandise stores | 13,560 | 13,124 | 4,098 | -484 | 2,787 | 132.0 | 5,552 | 3,991 | 445 | 16 | 381 |
| Food stores | 17,267 | 47,103 | 9,601 | 619 | 5,970 | 333.4 | 11,656 | 8,245 | 1,401 | 5 | 350 |
| Apparel and accessory stores | 6,364 | 7,495 | 2,011 | -308 | 1,480 | 85.6 | 3,300 | 1,703 | 306 | 4 | 575 |
| Other | 13,960 | 18,967 | 4,740 | -370 | 3,568 | 229.1 | 5,826 | 2,940 | 706 | 1,079 | 1,083 |
| Finance, except banking | 377,086 | 32,124 | 6,877 | -753 | 5,325 | 58.7 | 4,969 | 1,577 | 983 | 5 | 3 |
| Insurance | 302,859 | 72,910 | 11,889 | 2,726 | 6,925 | 159.9 | 16,886 | 8,377 | 3,087 | 0 | 0 |
| Real estate | 114,238 | 16,276 | 5,834 | -3,430 | 1,378 | 41.9 | 91,881 | 84,294 | 5,690 | 7 | 2 |
| Services | 91,006 | 43,718 | 16,820 | -3,591 | 14,853 | 597.9 | 42,934 | 24,660 | 7,599 | 346 | 259 |
| Hotels and other lodging places | 28,452 | 6,332 | 2,875 | -1,301 | 2,320 | 124.3 | 21,177 | 18,441 | 1,903 | 2 | 3 |
| Business services | 19,483 | 14,473 | 7,227 | -398 | 6,315 | 264.9 | 7,749 | 753 | 1,476 | 143 | 85 |
| Computer and data processing services | 5,852 | 4,310 | 2,253 | 29 | 1,705 | 32.3 | 2,912 | 70 | 554 | 82 | 22 |
| Other business services | 13,630 | 10,163 | 4,974 | -427 | 4,610 | 232.6 | 4,836 | 682 | 922 | 61 | 63 |
| Motion pictures, including television tape and film | 24,950 | 10,553 | 1,274 | -1,399 | 1,692 | 42.2 | 4,411 | 1,470 | 321 | 47 | 73 |
| Engineering, architectural, and surveying services | 4,048 | 5,054 | 1,757 | -180 | 1,658 | 36.5 | 1,211 | 390 | 226 | 116 | 21 |
| Accounting, research, management, and related services | 2,026 | 1,182 | 480 | -99 | 493 | 8.9 | 667 | 227 | 132 | 15 | 3 |
| Health services | 1,880 | 2,089 | 1,259 | -13 | 1,129 | 66.9 | 982 | 106 | 91 | 0 | 7 |
| Other services | 10,168 | 4,035 | 1,949 | -200 | 1,247 | 54.2 | 6,738 | 3,274 | 3,451 | 24 | 72 |
| Other industries | 82,879 | 60,458 | 20,756 | -1,038 | 15,572 | 384.0 | 61,554 | 4,924 | 5,620 | 1,782 | 1,083 |
| Agriculture, forestry, and fishing | 4,921 | 2,262 | 837 | -44 | 447 | 22.5 | 4,132 | 1,233 | 230 | 357 | 57 |
| Mining | 19,117 | 9,582 | 4,626 | 651 | 2,154 | 42.4 | 19,672 | 102 | 1,374 | 1,282 | 273 |
| Coal | 5,298 | 3,443 | 1,628 | 27 | 906 | 14.9 | 6,101 | 3 | 369 | 521 | 52 |
| Other | 13,819 | 6,139 | 2,998 | 625 | 1,249 | 27.5 | 13,571 | 99 | 1,006 | 761 | 222 |
| Construction | 13,965 | 15,593 | 3,948 | -328 | 3,583 | 82.4 | 8,018 | 1,461 | 331 | 135 | (P) |
| Transportation | 26,294 | 27,527 | 9,294 | -1,043 | 8,128 | 193.5 | 21,990 | 1,704 | 2,099 | 1 | (P) |
| Communication and public utilities | 18,581 | 5,494 | 2,051 | -275 | 1,260 | 43.3 | 7,741 | 424 | 1,585 | 6 | 57 |

¹ Suppressed to avoid disclosure of data of individual companies.
* Less than \$500,000 (±).

NOTE.—Estimates for 1991 are preliminary.

Table 10.1.—Selected Data of Nonbank U.S. Affiliates, by Country and Industry of Ultimate Beneficial Owner, 1990

| | Millions of dollars | | | | | | Thousands of employees | Millions of dollars | | | | |
|---|---------------------|------------------|----------------|---------------|-----------------------|--------------------------------------|------------------------|---------------------|---------------------|--|--|--|
| | Total assets | Sales | Gross product | Net income | Employee compensation | Gross property, plant, and equipment | | Of which: | | Expenditures for new plant and equipment | U.S. merchandise exports shipped by affiliates | U.S. merchandise imports shipped to affiliates |
| | | | | | | | | Total | Commercial property | | | |
| All countries, all industries | 1,550,238 | 1,175,857 | 243,227 | -4,535 | 163,592 | 4,734.5 | 578,355 | 146,520 | 69,580 | 92,308 | 182,936 | |
| By country | | | | | | | | | | | | |
| Canada | 227,219 | 126,155 | 39,163 | 1,624 | 23,896 | 739.1 | 105,890 | 29,936 | 11,017 | 6,162 | 10,993 | |
| Europe | 746,000 | 599,697 | 141,979 | -2,946 | 99,006 | 2,894.6 | 294,386 | 51,212 | 32,413 | 38,747 | 63,047 | |
| Austria | 2,312 | 1,881 | 279 | -129 | 268 | 6.4 | 486 | 83 | 23 | 218 | 569 | |
| Belgium | 13,789 | 15,629 | 3,138 | -514 | 1,796 | 86.1 | 8,819 | 1,666 | 1,015 | 349 | 1,440 | |
| Denmark | 2,150 | 2,968 | 1,011 | -34 | 850 | 50.5 | 1,336 | 189 | 126 | 136 | 634 | |
| Finland | 5,431 | 6,143 | 955 | -228 | 836 | 24.4 | 2,006 | 92 | 198 | 267 | 445 | |
| France | 77,500 | 81,915 | 15,051 | -2,073 | 12,287 | 338.9 | 33,321 | 4,811 | 3,327 | 11,748 | 8,239 | |
| Germany | 100,009 | 108,547 | 24,409 | 213 | 17,852 | 516.2 | 41,967 | 8,191 | 6,131 | 6,383 | 18,417 | |
| Ireland | 5,597 | 5,226 | 1,683 | 23 | 1,168 | 32.6 | 3,460 | 515 | 581 | 140 | (P) | |
| Italy | 30,407 | 14,058 | 1,649 | -95 | 1,660 | 40.2 | 4,177 | 526 | 620 | 1,433 | 1,540 | |
| Liechtenstein | 832 | 511 | 147 | -55 | 125 | 3.8 | 677 | 490 | 41 | 31 | 108 | |
| Luxembourg | 1,965 | 2,312 | 501 | -19 | 396 | 17.2 | 977 | 433 | 83 | 80 | 646 | |
| Netherlands | 90,927 | 72,784 | 18,687 | 100 | 9,861 | 286.5 | 58,083 | 9,816 | 4,446 | 2,739 | 6,612 | |
| Norway | 2,216 | 1,915 | 430 | -7 | 301 | 8.0 | 998 | 177 | 85 | 117 | 330 | |
| Spain | 2,211 | 849 | 161 | 6 | 112 | 4.3 | 369 | 233 | 56 | 9 | 168 | |
| Sweden | 26,683 | 28,281 | 4,865 | -2,543 | 5,492 | 152.4 | 11,194 | 960 | 4,287 | 1,792 | 5,034 | |
| Switzerland | 114,524 | 63,011 | 15,158 | -434 | 11,940 | 273.6 | 21,929 | 3,837 | 2,521 | 5,070 | 4,965 | |
| United Kingdom | 268,530 | 192,317 | 53,746 | 2,876 | 33,980 | 1,050.9 | 104,244 | 18,954 | 8,858 | 8,046 | 13,388 | |
| Other | 917 | 1,351 | 110 | -34 | 82 | 2.4 | 342 | 240 | 14 | 189 | (P) | |
| Latin America and Other Western Hemisphere | 38,343 | 37,183 | 8,670 | 444 | 4,862 | 134.5 | 16,687 | 4,480 | 2,012 | 2,610 | 8,015 | |
| South and Central America | 25,586 | 24,158 | 5,322 | 446 | 2,603 | 66.9 | 9,214 | 1,391 | 1,076 | 1,905 | 7,114 | |
| Brazil | 10,588 | 2,198 | 745 | 234 | 149 | 3.2 | 452 | 119 | 30 | 215 | 400 | |
| Mexico | 3,280 | 3,104 | 728 | -51 | 530 | 14.9 | 1,469 | 435 | 165 | 165 | 849 | |
| Panama | 3,902 | 3,837 | 1,377 | -124 | 1,269 | 28.4 | 2,720 | 395 | 217 | 230 | 535 | |
| Venezuela | 6,527 | 13,215 | 2,283 | 380 | 529 | 16.2 | 4,118 | 212 | 594 | 258 | 4,637 | |
| Other | 1,288 | 1,804 | 188 | 6 | 126 | 4.1 | 456 | 230 | 70 | 1,037 | 694 | |
| Other Western Hemisphere | 12,757 | 13,025 | 3,349 | -2 | 2,259 | 67.7 | 7,472 | 3,088 | 936 | 705 | 901 | |
| Bahamas (P) | (P) | 1,157 | 375 | 10 | 70 | 1.9 | 743 | 520 | 34 | (P) | (P) | |
| Bermuda | 5,706 | 7,527 | 1,390 | 201 | 989 | 34.2 | 2,394 | 1,063 | 384 | 195 | 541 | |
| Netherlands Antilles | 3,214 | 2,860 | 1,285 | -28 | 933 | 19.5 | 3,311 | 906 | 410 | 340 | (P) | |
| United Kingdom Islands, Caribbean | 2,085 | 1,393 | 238 | -189 | 254 | 11.7 | 965 | 544 | 108 | 45 | 69 | |
| Other (P) | (P) | 88 | 61 | 3 | 13 | 0.4 | 59 | 56 | (P) | (P) | 0 | |
| Africa | (P) | 5,795 | 1,254 | -149 | 701 | 17.1 | 6,242 | 466 | 334 | 527 | (P) | |
| South Africa | 4,585 | 5,151 | 905 | -113 | 597 | 14.5 | 3,270 | (P) | 131 | (P) | (P) | |
| Other (P) | (P) | 644 | 349 | -37 | 104 | 2.6 | 2,972 | (P) | 203 | (P) | (P) | |
| Middle East | 23,834 | 17,131 | 3,104 | -365 | 910 | 25.3 | 14,783 | 9,908 | 1,035 | 303 | 5,192 | |
| Israel | 1,301 | 819 | 155 | 17 | 147 | 3.1 | 161 | 57 | 14 | (P) | (P) | |
| Kuwait | 9,870 | 1,877 | 751 | -218 | 243 | 9.2 | 6,816 | 4,744 | 307 | (P) | 50 | |
| Lebanon | 639 | 534 | 107 | -63 | 114 | 3.4 | 468 | 167 | 30 | 46 | 2 | |
| Saudi Arabia | 10,243 | 13,543 | 2,002 | 18 | 361 | 7.7 | 5,483 | 3,412 | 555 | 107 | (P) | |
| United Arab Emirates | 1,238 | 292 | 65 | -95 | 35 | 1.5 | 1,347 | 1,135 | 119 | 17 | 39 | |
| Other | 543 | 66 | 24 | -23 | 9 | 0.3 | 507 | 393 | 9 | 0 | 0 | |
| Asia and Pacific | 460,863 | 375,312 | 46,526 | -4,549 | 32,811 | 890.6 | 133,535 | 49,323 | 21,507 | 43,732 | 94,646 | |
| Australia | 46,073 | 31,738 | 8,055 | -875 | 6,376 | 166.2 | 21,612 | 2,386 | 4,047 | 491 | 846 | |
| Hong Kong | 11,513 | 4,114 | 794 | -259 | 637 | 24.9 | 3,416 | 2,620 | 291 | 97 | 724 | |
| Japan | 382,677 | 318,716 | 34,806 | -2,685 | 23,576 | 629.2 | 98,891 | 40,995 | 15,563 | 39,293 | 87,475 | |
| Korea, Republic of | 6,284 | 8,366 | 485 | -222 | 362 | 8.3 | 1,516 | 516 | 138 | 2,142 | 3,881 | |
| Malaysia | 240 | 160 | 25 | -2 | 19 | 0.7 | 130 | 63 | 6 | 2 | 43 | |
| New Zealand | 5,020 | 6,030 | 1,255 | -156 | 1,072 | 36.4 | 3,189 | 894 | 269 | (P) | 703 | |
| Philippines | 516 | 701 | 206 | -12 | 164 | 4.9 | 396 | 203 | 15 | 20 | 39 | |
| Singapore | 1,179 | 440 | 150 | -31 | 71 | 2.7 | 848 | 789 | (P) | 45 | 58 | |
| Taiwan | 5,181 | 2,102 | 424 | -245 | 353 | 10.4 | 2,393 | 306 | 841 | 375 | 366 | |
| Other | 2,181 | 2,944 | 326 | -63 | 179 | 7.0 | 1,145 | 551 | (P) | (P) | 511 | |
| United States | (P) | 14,584 | 2,530 | 1,405 | 1,407 | 33.1 | 6,832 | 1,196 | 1,263 | 227 | (P) | |
| Addenda: | | | | | | | | | | | | |
| European Communities (12) ¹ | 593,423 | 496,728 | 120,063 | 452 | 79,981 | 2,424.1 | 256,989 | 45,534 | 25,247 | 31,070 | 51,141 | |
| OPEC ² | 30,653 | 30,693 | 5,629 | 95 | 1,379 | 40.9 | 20,653 | 9,656 | 1,794 | 1,350 | 9,832 | |
| By industry | | | | | | | | | | | | |
| Government and government-related entities | 61,455 | 58,500 | 11,608 | -806 | 6,260 | 134.9 | 32,778 | 9,536 | 3,219 | 6,040 | 13,994 | |
| Individuals, estates, and trusts | 196,391 | 139,209 | 29,300 | -33 | 20,539 | 772.3 | 71,377 | 35,755 | 7,509 | 9,858 | 9,174 | |
| Petroleum | 72,619 | 67,192 | 20,390 | 2,625 | 5,294 | 118.5 | 81,611 | 3,483 | 4,696 | 2,057 | 8,812 | |
| Agriculture | 1,900 | 2,109 | 474 | 49 | 286 | 8.7 | 863 | 184 | 93 | 206 | 614 | |
| Mining | 22,977 | 18,115 | 5,008 | 752 | 2,631 | 65.9 | 16,539 | 276 | 1,328 | 1,808 | 3,296 | |
| Construction | 16,517 | 15,670 | 3,756 | -259 | 3,061 | 81.2 | 7,969 | 4,031 | 721 | 249 | 393 | |
| Manufacturing | 498,357 | 503,192 | 121,800 | 78 | 87,794 | 2,255.8 | 239,561 | 14,445 | 36,567 | 33,232 | 114,971 | |
| Transportation, communication, and public utilities | 43,134 | 33,227 | 8,334 | -2,223 | 8,073 | 224.1 | 23,079 | 6,463 | 3,579 | 835 | 1,226 | |
| Wholesale and retail trade | 70,730 | 204,717 | 14,305 | -263 | 9,372 | 430.8 | 18,844 | 7,582 | 3,063 | 36,744 | 29,531 | |
| Banking | 181,847 | 29,894 | 1,513 | -1,574 | 2,451 | 25.4 | 2,490 | 775 | 399 | 55 | 68 | |
| Other finance and insurance | 277,337 | 67,966 | 12,937 | 399 | 7,756 | 203.6 | 19,213 | 13,007 | 1,500 | 686 | 582 | |
| Real estate | 64,973 | 13,262 | 4,028 | -1,734 | 1,672 | 53.8 | 46,011 | 42,291 | 5,146 | 37 | 9 | |
| Services | 42,002 | 22,804 | 9,775 | -1,546 | 8,401 | 359.5 | 18,021 | 8,693 | 1,759 | 502 | 267 | |

^P Suppressed to avoid disclosure of data of individual companies.

* Less than \$500,000 (±).

NOTE.—Estimates for 1990 are revised.

1. The European Communities (12) consists of Belgium, Denmark, France, Germany, Greece, Ireland, Italy, Lux-

embourg, the Netherlands, Portugal, Spain, and the United Kingdom.

2. OPEC is the Organization of Petroleum Exporting Countries. As of yearend 1992, its members were Algeria, Ecuador, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela.

Table 10.2.—Selected Data of Nonbank U.S. Affiliates, by Country and Industry of Ultimate Beneficial Owner, 1991

| | Millions of dollars | | | | | Thousands of employees | Millions of dollars | | | | | |
|---|---------------------|------------------|----------------|----------------|-----------------------|------------------------|--------------------------------------|----------------|---------------------|--|--|--|
| | Total assets | Sales | Gross product | Net income | Employee compensation | | Gross property, plant, and equipment | Of which: | | Expenditures for new plant and equipment | U.S. merchandise exports shipped by affiliates | U.S. merchandise imports shipped to affiliates |
| | | | | | | | | Total | Commercial property | | | |
| All countries, all industries | 1,743,762 | 1,174,069 | 258,370 | -10,743 | 173,911 | 4,809.2 | 634,688 | 164,351 | 67,541 | 98,369 | 179,694 | |
| By country | | | | | | | | | | | | |
| Canada | 234,439 | 121,572 | 39,185 | 942 | 24,055 | 717.7 | 107,185 | 29,582 | 9,239 | 6,402 | 10,383 | |
| Europe | 873,770 | 606,886 | 151,077 | -4,949 | 105,073 | 2,943.6 | 325,178 | 60,206 | 33,308 | 41,555 | 59,058 | |
| Austria | 2,240 | 1,644 | 292 | -149 | 252 | 6.2 | 526 | 81 | 33 | 171 | 525 | |
| Belgium | 13,748 | 15,783 | 2,851 | -91 | 1,795 | 90.6 | 8,429 | 1,896 | 974 | 338 | 1,313 | |
| Denmark | 2,345 | 3,300 | 1,130 | -10 | 951 | 46.3 | 1,389 | 175 | 143 | 225 | 709 | |
| Finland | 5,434 | 6,237 | 1,104 | -242 | 894 | 23.7 | 2,280 | 97 | 399 | 307 | 496 | |
| France | 160,737 | 88,610 | 18,282 | -2,007 | 14,376 | 363.7 | 42,012 | 10,826 | 4,375 | 11,636 | 7,516 | |
| Germany | 118,267 | 112,473 | 26,001 | -582 | 19,566 | 518.6 | 50,103 | 8,225 | 6,764 | 7,292 | 17,360 | |
| Ireland | 5,941 | 5,430 | 1,615 | -255 | 1,181 | 31.0 | 3,834 | 460 | 270 | 223 | (P) | |
| Italy | 23,041 | 12,662 | 1,866 | -995 | 1,847 | 42.0 | 5,235 | 582 | 441 | 1,876 | 1,764 | |
| Liechtenstein | 821 | 475 | 170 | -45 | 142 | 3.5 | 687 | 473 | 36 | 33 | 69 | |
| Luxembourg | 1,907 | 2,328 | 516 | -44 | 432 | 16.5 | 894 | 310 | 68 | 79 | 606 | |
| Netherlands | 98,933 | 73,790 | 18,948 | -796 | 10,495 | 292.5 | 60,709 | 10,866 | 4,353 | 3,215 | 6,326 | |
| Norway | 2,621 | 2,196 | 504 | -29 | 393 | 9.4 | 1,088 | 199 | 140 | 222 | 227 | |
| Spain | 2,419 | 851 | 193 | 14 | 120 | 5.3 | 446 | 266 | 73 | 14 | 139 | |
| Sweden | 33,295 | 28,445 | 6,870 | -621 | 5,755 | 154.3 | 11,837 | 1,433 | 3,926 | 1,776 | 4,355 | |
| Switzerland | 116,260 | 63,510 | 15,897 | 47 | 12,080 | 276.1 | 23,884 | 4,141 | 2,480 | 5,637 | 4,822 | |
| United Kingdom | 284,563 | 187,981 | 54,711 | 898 | 34,681 | 1,060.8 | 111,295 | 19,875 | 8,823 | 8,405 | 12,189 | |
| Other | 1,197 | 1,171 | 128 | -42 | 113 | 3.1 | 530 | 300 | 11 | 105 | (P) | |
| Latin America and Other Western Hemisphere | 39,824 | 33,866 | 8,771 | 415 | 4,729 | 131.0 | 18,255 | 4,784 | 1,808 | 2,567 | 6,993 | |
| South and Central America | 26,656 | 23,135 | 5,782 | 453 | 2,673 | 68.5 | 10,269 | 1,455 | 919 | 1,925 | 6,159 | |
| Brazil | (P) | 2,173 | 717 | 194 | 147 | 3.2 | 514 | 143 | 41 | 175 | 351 | |
| Mexico | 3,646 | 3,260 | 751 | -104 | 586 | 15.5 | 1,641 | 464 | 173 | 123 | 899 | |
| Panama | 3,910 | 3,900 | 1,504 | -6 | (P) | (P) | 2,888 | 394 | 270 | 270 | 693 | |
| Venezuela | 6,799 | 12,046 | 2,662 | 397 | 577 | 16.0 | 4,735 | 217 | 400 | (P) | (P) | |
| Other | (P) | 1,755 | 149 | -28 | (P) | (P) | 491 | 238 | 36 | (P) | (P) | |
| Other Western Hemisphere | 13,168 | 10,731 | 2,989 | -38 | 2,056 | 62.5 | 7,986 | 3,329 | 889 | 643 | 833 | |
| Bahamas | 1,110 | 967 | 289 | -33 | 55 | 1.8 | 800 | 585 | 33 | (P) | 585 | |
| Bermuda | 6,470 | 5,385 | 1,093 | 69 | 814 | 31.0 | 2,467 | 1,111 | 277 | 98 | 509 | |
| Netherlands Antilles | 3,293 | 2,896 | 1,343 | 105 | 948 | 18.1 | 3,404 | 913 | 440 | 390 | 70 | |
| United Kingdom Islands, Caribbean | 2,241 | 1,460 | 256 | -179 | 238 | 11.6 | 1,275 | 693 | 133 | 55 | (P) | |
| Other | 52 | 23 | 8 | (*) | 1 | (*) | 40 | 27 | 6 | (P) | 0 | |
| Africa | (P) | 3,950 | 1,212 | -237 | 673 | 15.0 | 6,103 | 364 | 376 | 647 | 735 | |
| South Africa | 3,937 | 3,387 | 883 | -207 | 571 | 12.9 | 2,852 | (P) | 110 | (P) | (P) | |
| Other | (P) | 564 | 329 | -29 | 102 | 2.1 | 3,251 | (P) | 266 | (P) | (P) | |
| Middle East | 23,583 | 16,230 | 3,803 | 199 | 989 | 27.2 | 17,239 | 11,792 | 1,723 | 485 | 4,195 | |
| Israel | 1,098 | 838 | 180 | 26 | 160 | 3.1 | 194 | 71 | 18 | 84 | (P) | |
| Kuwait | 9,285 | 1,899 | 924 | 91 | 252 | 8.6 | 8,396 | 6,321 | 877 | 2 | 36 | |
| Lebanon | 653 | 610 | 107 | -66 | 122 | 4.0 | 544 | 176 | 41 | 32 | 5 | |
| Saudi Arabia | 10,692 | 12,550 | 2,452 | 295 | 394 | 8.1 | 6,196 | 3,666 | 663 | (P) | (P) | |
| United Arab Emirates | 1,328 | 268 | 106 | -130 | 51 | 3.0 | 1,419 | 1,187 | 116 | (P) | 23 | |
| Other | 527 | 65 | 33 | -17 | 12 | 0.4 | 490 | 372 | 9 | (*) | (*) | |
| Asia and Pacific | 516,560 | 377,448 | 51,419 | -8,668 | 36,929 | 942.7 | 152,751 | 56,415 | 19,627 | 46,437 | 98,170 | |
| Australia | 47,591 | 33,368 | 8,537 | -1,568 | 6,527 | 154.4 | 20,975 | 1,963 | 1,964 | 609 | 1,474 | |
| Hong Kong | 11,305 | 4,479 | 860 | -390 | 704 | 26.2 | 3,802 | 2,877 | 347 | 103 | 854 | |
| Japan | 436,949 | 319,967 | 39,400 | -6,090 | 27,756 | 706.5 | 118,530 | 48,041 | 16,018 | 41,212 | 89,675 | |
| Korea, Republic of | 7,262 | 8,829 | 516 | -256 | 378 | 8.0 | 1,711 | 662 | 178 | 2,622 | 4,328 | |
| Malaysia | 315 | 167 | 33 | -18 | 35 | 1.0 | 185 | 107 | 10 | 1 | (P) | |
| New Zealand | 2,414 | 3,553 | 813 | -58 | 650 | 20.0 | 1,779 | 846 | 105 | (P) | 634 | |
| Philippines | 567 | 781 | 240 | -7 | (P) | (P) | 432 | 200 | 25 | 35 | 44 | |
| Singapore | 1,320 | 518 | 142 | -46 | 82 | 2.7 | 959 | 861 | 75 | 62 | 94 | |
| Taiwan | 5,754 | 2,276 | 495 | -142 | 375 | 9.3 | 2,976 | 210 | 734 | 488 | 325 | |
| Other | 3,083 | 3,511 | 362 | -92 | (P) | (P) | 1,402 | 648 | 171 | (P) | (P) | |
| United States | (P) | 14,117 | 2,903 | 1,556 | 1,463 | 32.1 | 7,977 | 1,209 | 1,461 | 275 | 162 | |
| Addenda: | | | | | | | | | | | | |
| European Communities (12) ¹ | 712,231 | 503,278 | 126,129 | -3,892 | 85,464 | 2,467.8 | 284,612 | 53,732 | 26,287 | 33,312 | 48,020 | |
| OPEC ² | 31,651 | 28,689 | 6,660 | 639 | 1,543 | 43.9 | 23,874 | 11,632 | 2,207 | 1,609 | 7,717 | |
| By industry | | | | | | | | | | | | |
| Government and government-related entities | 62,633 | 55,856 | 12,795 | -188 | 6,426 | 128.3 | 37,448 | 11,691 | 3,565 | 6,970 | 11,099 | |
| Individuals, estates, and trusts | 184,748 | 126,790 | 29,816 | -1,043 | 20,029 | 735.4 | 74,974 | 37,815 | 6,686 | 9,080 | 7,549 | |
| Petroleum | 79,125 | 65,101 | 18,716 | -212 | 5,588 | 114.7 | 85,881 | 3,872 | 6,028 | 2,146 | 7,820 | |
| Agriculture | 1,957 | 2,292 | 484 | 4 | 319 | 9.0 | 887 | 185 | 66 | 251 | 678 | |
| Mining | 27,926 | 19,071 | 6,482 | 258 | 3,447 | 76.3 | 23,662 | 300 | 1,775 | 2,310 | 3,349 | |
| Construction | 17,928 | 14,067 | 3,285 | -759 | 2,991 | 73.3 | 9,006 | 4,718 | 707 | 95 | (P) | |
| Manufacturing | 525,299 | 511,253 | 126,417 | -4,295 | 92,322 | 2,270.0 | 257,045 | 15,844 | 33,751 | 37,118 | 114,303 | |
| Transportation, communication, and public utilities | 45,317 | 33,103 | 10,601 | -1,098 | 8,462 | 224.5 | 24,685 | 6,565 | 2,690 | 1,174 | 1,248 | |
| Wholesale and retail trade | 84,338 | 198,535 | 17,795 | -219 | 11,420 | 497.4 | 24,828 | 11,201 | 3,468 | 38,130 | 32,485 | |
| Banking | 198,284 | 29,700 | 2,575 | -502 | 2,589 | 28.1 | 3,473 | 1,219 | 749 | 189 | (P) | |
| Other finance and insurance | 406,611 | 81,051 | 15,470 | 696 | 10,013 | 229.1 | 25,528 | 19,150 | 2,769 | 321 | 361 | |
| Real estate | 63,123 | 12,793 | 4,048 | -1,915 | 1,542 | 51.7 | 47,054 | 41,896 | 3,092 | 48 | 6 | |
| Services | 46,475 | 24,455 | 9,886 | -1,469 | 8,764 | 371.4 | 20,217 | 9,895 | 2,194 | 538 | 216 | |

¹ Suppressed to avoid disclosure of data of individual companies.
² Less than \$500,000 (±).

NOTE.—Estimates for 1991 are preliminary.
 1. See footnote 1 to table 10.1.
 2. See footnote 2 to table 10.1.

Table 11.1.—Employment by Nonbank U.S. Affiliates, Industry of Sales by Country of Ultimate Beneficial Owner, 1990¹
 (Thousands of employees)

| | All countries | Canada | Europe | | | | | | Latin America and Other Western Hemisphere | Africa | Middle East | Asia and Pacific | | | United States |
|--|----------------|--------------|----------------|--------------|--------------|--------------|--------------|----------------|--|-------------|-------------|------------------|--------------|--------------|---------------|
| | | | Total | Of which: | | | | | | | | Total | Of which: | | |
| | | | | France | Germany | Netherlands | Switzerland | United Kingdom | | | | | Australia | Japan | |
| All industries | 4,734.5 | 739.1 | 2,894.6 | 338.9 | 516.2 | 286.5 | 273.6 | 1,050.9 | 134.5 | 17.1 | 25.3 | 890.6 | 166.2 | 629.2 | 33.1 |
| Petroleum | 131.4 | 22.3 | 83.4 | 9.2 | 2.4 | (D) | .6 | 36.7 | 14.0 | 2.4 | 5.3 | 4.0 | 2.8 | .8 | .1 |
| Petroleum and coal products manufacturing | 90.3 | (D) | 62.8 | 2.5 | 1.7 | (D) | .1 | 26.8 | 4.4 | 0 | (D) | (D) | (D) | .1 | 0 |
| Other | 41.0 | (D) | 20.6 | 6.7 | .7 | 1.0 | .5 | 9.9 | 9.5 | 2.4 | (D) | (D) | (D) | .7 | .1 |
| Manufacturing | 2,024.1 | 261.1 | 1,286.8 | 185.4 | 233.0 | 118.0 | 147.4 | 426.9 | 57.0 | 7.9 | 3.9 | 403.5 | 43.7 | 316.0 | 4.0 |
| Food and kindred products | 206.8 | 28.6 | 143.2 | 13.6 | 5.0 | 25.9 | 31.9 | 53.6 | 3.6 | (D) | 0 | 29.7 | 4.4 | 13.1 | (D) |
| Beverages | 33.1 | (D) | 18.1 | 6.7 | 1.1 | .4 | (D) | 4.8 | .1 | 0 | 0 | 7.9 | (D) | 4.1 | (D) |
| Other | 173.7 | (D) | 125.2 | 6.9 | 3.9 | 25.5 | (D) | 48.8 | 3.4 | (D) | 0 | 21.8 | (D) | 9.0 | 0 |
| Chemicals and allied products | 332.4 | 54.7 | 246.3 | 27.4 | 73.6 | 32.3 | 38.2 | 59.7 | (D) | (D) | .7 | 22.8 | 1.6 | 19.4 | .1 |
| Industrial chemicals and synthetics | 146.1 | (D) | 87.2 | 11.0 | 38.3 | 12.8 | 4.2 | 14.9 | .6 | (D) | 0 | 11.9 | .9 | 9.8 | (*) |
| Drugs | 86.9 | (D) | 76.7 | 7.5 | 15.1 | (D) | 23.6 | 23.8 | (D) | 0 | .4 | 4.7 | .3 | 4.4 | 0 |
| Soap, cleaners, and toilet goods | 39.2 | 1.4 | 34.5 | 1.2 | 9.8 | (D) | (D) | 5.5 | .1 | 0 | .3 | 2.9 | .3 | 2.7 | 0 |
| Other | 60.1 | (D) | 47.8 | 7.7 | 10.4 | 5.8 | (D) | 15.6 | 0 | (D) | 0 | 3.3 | .1 | 2.6 | .1 |
| Primary and fabricated metals | 213.0 | 27.6 | 100.7 | 18.9 | 18.3 | 9.0 | 13.4 | 25.1 | 13.4 | 1.6 | 4 | 69.3 | 7.0 | 57.3 | (*) |
| Primary metal industries | 112.0 | 19.3 | 35.1 | 6.2 | 7.5 | (*) | 3.8 | 8.6 | (D) | (D) | .4 | 54.8 | 4.6 | 47.3 | (*) |
| Ferrous | 70.7 | 7.4 | 13.7 | 3.5 | 3.1 | (*) | .1 | 2.1 | (D) | (D) | 0 | 47.8 | (D) | 44.1 | 0 |
| Nonferrous | 41.3 | 11.9 | 21.4 | 2.7 | 4.4 | 0 | 3.8 | 6.5 | (D) | (D) | 0 | 7.0 | (D) | 3.2 | (*) |
| Fabricated metal products | 101.0 | 8.3 | 65.5 | 12.6 | 10.9 | 8.9 | 9.6 | 16.5 | (D) | (D) | .4 | 14.4 | 2.4 | 10.0 | 0 |
| Machinery | 488.6 | 41.4 | 297.4 | 35.8 | 54.8 | 32.7 | 29.5 | 86.9 | 8.7 | 1.0 | 1.3 | 137.7 | 6.7 | 110.9 | 1.1 |
| Machinery, except electrical | 217.5 | 9.2 | 136.3 | 15.6 | 27.6 | 1.9 | 20.2 | 39.1 | (D) | (D) | 1.1 | 64.2 | 1.1 | 45.7 | .3 |
| Office and computing machines | 46.9 | .7 | 23.1 | 12.2 | 2.9 | 1.3 | .9 | 5.5 | 1.2 | 0 | .5 | 21.4 | 0 | 17.8 | 0 |
| Other | 170.6 | 8.6 | 113.2 | 3.4 | 24.7 | .6 | 19.3 | 33.6 | (D) | (D) | .6 | 42.7 | 1.1 | 27.9 | .3 |
| Electric and electronic equipment | 271.0 | 32.2 | 161.0 | 20.1 | 27.2 | 30.8 | 9.3 | 47.8 | (D) | (D) | .2 | 73.5 | 5.5 | 65.2 | .7 |
| Audio, video, and communications equipment | 80.4 | (D) | 33.9 | (D) | 5.8 | (D) | (D) | 5.3 | (D) | (*) | 1 | (D) | (D) | 21.2 | (*) |
| Electronic components and accessories | 86.8 | 2.8 | 48.6 | 2.9 | 11.1 | (D) | 2.6 | 15.2 | (D) | (D) | .1 | 33.9 | .9 | 30.8 | .7 |
| Other | 103.9 | (D) | 78.5 | (D) | 10.3 | (D) | (D) | 27.4 | 0 | 0 | 0 | (D) | (D) | 13.1 | (*) |
| Other manufacturing | 783.5 | 108.7 | 499.2 | 89.8 | 81.4 | 18.0 | 34.3 | 201.5 | (D) | 2.7 | 1.5 | 144.1 | 24.0 | 115.2 | (D) |
| Textile products and apparel | 65.5 | 11.4 | 39.9 | 3.5 | 8.1 | .7 | 1.6 | 21.8 | 3.5 | 0 | .3 | 10.2 | 0 | 9.6 | .3 |
| Lumber, wood, furniture, and fixtures | 27.5 | 4.6 | 19.0 | .8 | 5.9 | 0 | 1.0 | 7.5 | .9 | (*) | .3 | 2.7 | (D) | 1.3 | 0 |
| Paper and allied products | 49.8 | 7.8 | 31.9 | .5 | 1.5 | (D) | .6 | 6.5 | (D) | 0 | (D) | 8.3 | 2.3 | 4.2 | .6 |
| Printing and publishing | 109.0 | 46.0 | 48.3 | (D) | 9.0 | (D) | (D) | 27.2 | .5 | 0 | (*) | 13.8 | 6.1 | 7.7 | .5 |
| Newspapers | 25.4 | (D) | .7 | 0 | (*) | 0 | 0 | .6 | .1 | 0 | (*) | (D) | (D) | (*) | 0 |
| Other | 83.7 | (D) | 47.6 | (D) | 8.9 | (D) | (D) | 26.6 | .3 | 0 | 0 | (D) | (D) | 7.7 | .5 |
| Rubber products | 72.8 | 2.6 | 44.7 | 20.4 | (D) | 3.3 | .3 | 6.2 | 3 | 0 | 0 | 25.5 | (D) | (D) | .5 |
| Miscellaneous plastics products | 56.0 | 9.8 | 39.8 | 10.5 | 4.2 | 2.2 | 1.2 | 17.1 | 1.0 | 0 | 0 | 5.5 | .6 | 4.0 | 0 |
| Stone, clay, and glass products | 109.8 | 3.8 | 69.9 | 20.3 | 9.5 | 1.7 | 5.1 | 25.1 | (D) | 0 | 0 | 21.9 | 10.4 | 11.4 | 0 |
| Transportation equipment | 131.8 | 12.7 | 76.0 | 20.2 | 14.1 | .5 | 2.1 | 27.5 | (D) | 2 | 0 | 41.8 | 0 | 41.8 | (*) |
| Motor vehicles and equipment | 90.3 | 10.6 | 37.7 | (D) | 12.5 | 0 | (D) | 11.4 | 0 | 0 | 0 | 41.7 | 0 | 41.7 | 0 |
| Other transportation equipment | 41.5 | 2.1 | 38.3 | (D) | 1.5 | .5 | .5 | 16.1 | (D) | (D) | 0 | .1 | 0 | .1 | (*) |
| Instruments and related products | 112.4 | 8.5 | 90.0 | 6.4 | 16.7 | 5.2 | 12.0 | 39.8 | (D) | 0 | .1 | 10.0 | .3 | 8.4 | 0 |
| Other | 48.8 | 1.5 | 40.7 | (D) | (D) | .2 | (D) | 22.8 | (D) | 0 | 0 | 4.5 | .5 | (D) | (D) |
| Wholesale trade | 351.0 | 16.5 | 211.7 | 37.7 | 53.4 | 17.5 | 14.1 | 60.5 | 8.7 | 3.1 | 1.8 | 108.0 | 5.6 | 93.8 | 1.2 |
| Motor vehicles and equipment | 43.5 | 1.0 | 19.0 | (D) | 7.1 | (D) | 0 | 3.6 | (D) | 0 | .8 | 19.5 | .8 | 17.8 | (D) |
| Professional and commercial equipment and supplies | 41.3 | .4 | 22.0 | .4 | 11.2 | 3.4 | 2.8 | 2.6 | .2 | 0 | .2 | 18.5 | 0 | 17.7 | (*) |
| Metals and minerals, except petroleum | 22.2 | 1.4 | 10.2 | 2.9 | 2.2 | .7 | .2 | 2.8 | .3 | .5 | 0 | 9.8 | .3 | 9.9 | 0 |
| Electrical goods | 50.9 | 2.2 | 20.6 | 1.0 | 10.0 | (D) | .4 | 4.7 | .1 | .1 | .1 | 27.8 | 0 | 26.7 | 0 |
| Machinery, equipment, and supplies | 37.5 | 1.8 | 24.2 | 2.0 | 5.3 | .3 | 2.3 | 6.6 | (D) | (D) | .1 | 9.4 | (D) | 8.8 | .7 |
| Other durable goods | 39.5 | 1.5 | 29.3 | 3.1 | 2.4 | 2.1 | 1.1 | 16.6 | 1.7 | .1 | .3 | 6.7 | 0 | 5.6 | 0 |
| Groceries and related products | 29.1 | 1.5 | 23.9 | 3.9 | (D) | 3.0 | .2 | 6.2 | .5 | .1 | .3 | 2.7 | 1.7 | 1.7 | 0 |
| Farm-product raw materials | 13.2 | .2 | 11.8 | (D) | .2 | .6 | 1.0 | .6 | .1 | 0 | 0 | 1.2 | 0 | 1.1 | 0 |
| Other nondurable goods | 73.7 | 6.5 | 50.6 | 11.8 | (D) | 5.0 | 6.1 | 16.9 | (D) | (D) | (*) | 12.4 | (D) | 5.3 | (D) |
| Retail trade | 831.2 | 235.5 | 502.6 | 33.3 | 177.2 | 75.5 | (D) | 127.2 | 16.8 | 4 | 2.8 | 71.9 | 9.9 | 55.6 | 1.3 |
| General merchandise stores | 123.5 | (D) | 31.6 | 2.5 | (D) | (D) | (D) | 7.1 | (D) | 0 | 0 | 6.8 | 0 | 5.8 | 0 |
| Food stores | 318.1 | 50.5 | 257.5 | 8.6 | 153.1 | (D) | .3 | (D) | 4.6 | 0 | (D) | 8.4 | 0 | 3.6 | 0 |
| Apparel and accessory stores | 86.3 | (D) | 52.8 | 2.7 | 3.1 | (D) | 1.2 | 18.6 | 4.6 | 0 | 0 | 9.1 | (D) | (D) | 0 |
| Other | 303.3 | (D) | 160.7 | 19.5 | (D) | 17.1 | .2 | (D) | (D) | .4 | (D) | 47.6 | (D) | (D) | (D) |
| Finance, except banking | 63.1 | (D) | 24.6 | .8 | 1.1 | 1.1 | 5.7 | 12.1 | 2.2 | (*) | 2 | 26.3 | 2 | 23.9 | (D) |
| Insurance | 127.2 | 10.5 | 94.8 | .5 | 3.0 | 16.8 | 17.6 | 41.5 | (D) | 0 | (*) | 3.2 | .4 | 1.4 | (D) |
| Real estate | 34.2 | 15.8 | 6.8 | .4 | .6 | 1.2 | .6 | 3.2 | .8 | .1 | 1.4 | 9.2 | 1.0 | 7.1 | (*) |
| Services | 659.8 | 55.8 | 445.4 | 48.2 | 18.6 | 17.8 | 60.2 | 227.5 | 17.0 | .9 | 7.9 | 130.3 | 16.4 | 93.0 | 2.4 |
| Hotels and other lodging places | 140.5 | 3.8 | 60.8 | 18.3 | .3 | .7 | (D) | 27.6 | 1.9 | (D) | 5.5 | 66.9 | 0 | 49.4 | (D) |
| Business services | 277.1 | 9.3 | 232.4 | 19.2 | 3.2 | 13.7 | 26.7 | 124.2 | 10.2 | .2 | .6 | 23.6 | (D) | 10.9 | .7 |
| Computer and data processing services | 52.8 | 3.8 | 37.9 | 7.6 | 1.7 | (D) | (D) | 12.9 | (D) | (*) | .6 | 5.9 | (*) | 5.5 | (D) |
| Other business services | 224.2 | 5.6 | 194.5 | 11.6 | 1.5 | (D) | (D) | 111.3 | (D) | .2 | .1 | 17.7 | (D) | 5.4 | (D) |
| Motion pictures, including television tape and film | 28.7 | (D) | (D) | (*) | 0 | (*) | 0 | 5.5 | .2 | 0 | 0 | 13.7 | (D) | (D) | (*) |
| Engineering, architectural, and surveying services | 40.0 | 1.9 | 35.6 | 6.5 | 8.3 | .5 | 9.8 | 8.2 | .5 | .1 | .1 | 1.8 | 0 | 1.7 | .1 |
| Accounting, research, management, and related services | 38.9 | 2.9 | 30.4 | 1.3 | .4 | .3 | (D) | 14.5 | .6 | (*) | .7 | 4.2 | .2 | 3.3 | 0 |
| Health services | 60.6 | 23.3 | (D) | 0 | (D) | 0 | (D) | (D) | 0 | 0 | 0 | (D) | (*) | (D) | 0 |
| Other services | 73.9 | (D) | (D) | 2.8 | (D) | 2.5 | 2.1 | (D) | 3.6 | (D) | .9 | (D) | .9 | 14.7 | (D) |
| Other industries | 435.0 | 88.6 | 191.3 | 19.2 | 22.1 | 8.0 | 4.8 | 85.4 | 14.3 | (D) | 2.0 | 130.6 | 86.3 | 34.0 | (D) |
| Agriculture, forestry, and fishing | 33.0 | 2.4 | 15.5 | 3.2 | 6.5 | 1.1 | 1.0 | 2.9 | (D) | 0 | .3 | 7.2 | 0 | 7.0 | 0 |
| Mining | 77.2 | 23.1 | 44.1 | 2.8 | (D) | (D) | .2 | 35.5 | (D) | (D) | .5 | 8.3 | 6.0 | 2.3 | 0 |
| Coal | 30.6 | 12.1 | 17.2 | (*) | (D) | .3 | .2 | 15.5 | 0 | (*) | .5 | .8 | .4 | .4 | 0 |
| Other | 46.6 | 11.0 | 26.9 | 2.8 | (*) | (D) | (*) | 20.1 | (D) | (D) | 0 | 7.4 | 5.6 | 1.9 | 0 |
| Construction | 80.2 | 6.4 | 38.9 | 7.1 | 9.8 | (D) | .8 | 13.7 | (D) | (*) | (D) | 24.9 | (D) | 12.4 | (D) |
| Transportation | 215.7 | 49.0 | 75.5 | (D) | 3.3 | 1.1 | (D) | 20.8 | 3.1 | .1 | (D) | 86.8 | | | |

Table 11.2.—Employment by Nonbank Affiliates, Industry of Sales by Country of Ultimate Beneficial Owner, 1991¹
 [Thousands of employees]

| | All countries | Canada | Europe | | | | | | Latin America and Other Western Hemisphere | Africa | Middle East | Asia and Pacific | | | United States |
|--|----------------|--------------|----------------|--------------|--------------|--------------|--------------|----------------|--|-------------|-------------|------------------|--------------|--------------|---------------|
| | | | Total | Of which: | | | | | | | | Total | Of which: | | |
| | | | | France | Germany | Netherlands | Switzerland | United Kingdom | | | | | Australia | Japan | |
| All industries | 4,809.2 | 717.7 | 2,943.6 | 363.7 | 518.6 | 292.5 | 276.1 | 1,060.8 | 131.0 | 15.0 | 27.2 | 942.7 | 154.4 | 706.5 | 32.1 |
| Petroleum | 128.2 | 24.4 | 79.7 | 9.5 | 2.3 | (P) | .7 | 34.5 | 13.2 | 1.4 | 5.2 | 4.1 | 2.9 | .8 | .1 |
| Petroleum and coal products manufacturing | 90.1 | (P) | 59.6 | 2.6 | 1.5 | (P) | .1 | 25.6 | (P) | 0 | (P) | (P) | (P) | .1 | 0 |
| Other | 38.1 | (P) | 20.1 | 6.9 | .7 | 1.0 | .6 | 8.9 | (P) | 1.4 | (P) | (P) | (P) | .7 | .1 |
| Manufacturing | 2,045.8 | 267.7 | 1,290.8 | 187.0 | 226.4 | 113.2 | 146.5 | 436.6 | 53.2 | 7.2 | 5.0 | 417.9 | 47.1 | 337.6 | 4.0 |
| Food and kindred products | 207.9 | 27.8 | 143.6 | 12.7 | 5.1 | 26.6 | 31.6 | 55.0 | 3.6 | .6 | 0 | 32.3 | 4.3 | 14.4 | 0 |
| Beverages | 33.1 | (P) | 19.1 | 5.5 | 1.3 | .4 | .3 | 6.3 | (P) | 0 | 0 | 8.2 | 2.7 | 4.4 | 0 |
| Other | 174.8 | (P) | 124.5 | 7.3 | 3.8 | 26.3 | (P) | 48.6 | (P) | .6 | 0 | 24.1 | 1.5 | 10.0 | 0 |
| Chemicals and allied products | 338.1 | 55.8 | 245.9 | 28.4 | 74.2 | 29.9 | 39.6 | 59.3 | 8.6 | 2.0 | .7 | 25.0 | 1.3 | 21.8 | .1 |
| Industrial chemicals and synthetics | 145.8 | (P) | 88.1 | 11.5 | 38.3 | 11.3 | 4.9 | 15.1 | (P) | 0 | 0 | 12.6 | .4 | 10.9 | (*) |
| Drugs | 93.6 | (P) | 78.9 | (P) | 15.7 | 1.6 | 25.9 | 23.0 | (P) | 0 | .5 | 4.8 | .2 | 4.5 | 0 |
| Soap, cleaners, and toilet goods | 37.6 | 1.5 | 32.8 | 1.5 | 10.0 | (P) | (P) | 4.7 | .1 | 0 | .3 | 3.0 | .5 | 2.5 | 0 |
| Other | 61.1 | (P) | 46.0 | (P) | 10.2 | (P) | (P) | 16.5 | 0 | (P) | 0 | 4.6 | .1 | 3.9 | .1 |
| Primary and fabricated metals | 215.7 | 26.6 | 102.2 | 18.3 | 18.6 | 9.1 | 10.8 | 30.8 | 10.7 | 1.0 | .4 | 74.8 | 12.9 | 57.1 | (*) |
| Primary metal industries | 109.9 | 18.3 | 35.1 | 6.3 | 7.0 | .1 | 4.1 | 9.8 | 1.8 | .9 | 0 | 53.8 | 5.2 | 45.8 | (*) |
| Ferrous | 70.1 | 7.1 | 14.1 | 3.4 | 3.1 | .1 | (*) | 3.2 | (P) | (P) | 0 | 47.2 | 1.6 | 43.0 | 0 |
| Nonferrous | 39.8 | 11.2 | 21.0 | 3.0 | 3.9 | .1 | 4.1 | 6.6 | (P) | (P) | 0 | 6.6 | 3.6 | 2.8 | (*) |
| Fabricated metal products | 105.8 | 8.3 | 67.1 | 12.0 | 11.5 | 9.0 | 6.6 | 21.1 | 8.9 | .1 | .4 | 21.0 | 7.7 | 11.3 | 0 |
| Machinery | 492.1 | 40.1 | 303.8 | 43.4 | 49.4 | 29.3 | 32.6 | 90.9 | 8.7 | 1.2 | 1.0 | 136.3 | 6.8 | 122.7 | 1.1 |
| Machinery, except electrical | 215.5 | 10.2 | 137.5 | 11.6 | 29.5 | 1.7 | 21.5 | 41.3 | (P) | (P) | .8 | 59.5 | 1.9 | 53.5 | .4 |
| Office and computing machines | 43.3 | 1.4 | 16.9 | 8.8 | 2.0 | 1.0 | .9 | 3.8 | .6 | 0 | (*) | 24.2 | 0 | 20.7 | 0 |
| Other | 172.2 | 8.8 | 120.6 | 2.8 | 26.5 | .6 | 20.6 | 37.5 | (P) | (P) | .7 | 35.3 | 1.9 | 32.7 | .4 |
| Electric and electronic equipment | 276.6 | 29.9 | 166.3 | 31.9 | 20.9 | 27.6 | 11.1 | 49.6 | (P) | (P) | .2 | 76.8 | 4.9 | 69.2 | .7 |
| Audio, video, and communications equipment | 77.0 | (P) | 35.4 | (P) | 5.5 | (P) | (P) | 5.6 | (P) | (*) | .2 | (P) | (P) | 18.3 | (*) |
| Electronic components and accessories | 82.5 | 2.4 | 43.4 | 2.7 | 5.3 | (P) | 3.1 | 18.0 | (P) | (P) | .1 | 35.3 | .8 | 32.6 | .7 |
| Other | 117.0 | (P) | 87.5 | (P) | 10.1 | (P) | (P) | 26.0 | 0 | 0 | 0 | (P) | (P) | 18.3 | (*) |
| Other manufacturing | 792.0 | 117.4 | 495.4 | 84.2 | 79.2 | 18.3 | 31.9 | 200.6 | 21.6 | 2.5 | 2.9 | 149.4 | 21.8 | 121.6 | 2.8 |
| Textile products and apparel | 67.7 | 15.1 | 38.3 | 3.9 | 7.0 | .9 | 1.5 | 19.3 | 3.3 | 0 | 1.7 | 9.0 | 0 | 8.9 | .3 |
| Lumber, wood, furniture, and fixtures | 32.2 | 6.5 | 21.3 | 1.1 | 6.0 | 0 | .9 | 9.9 | .8 | (*) | (P) | 2.2 | .3 | 1.8 | (P) |
| Paper and allied products | 50.6 | 7.5 | 32.4 | .6 | 1.6 | (P) | .8 | 6.2 | (P) | 0 | (P) | 9.0 | 2.7 | 4.4 | .5 |
| Printing and publishing | 101.6 | 46.8 | 45.1 | (P) | 7.2 | (P) | (P) | 26.6 | .5 | 0 | (*) | 8.9 | 4.7 | 4.0 | .3 |
| Newspapers | 26.1 | (P) | .7 | 0 | (*) | 0 | 0 | .7 | .1 | 0 | (*) | (P) | (P) | (*) | 0 |
| Other | 75.5 | (P) | 44.4 | (P) | 7.1 | (P) | (P) | 25.9 | .3 | 0 | 0 | (P) | (P) | 4.0 | .3 |
| Rubber products | 70.2 | .5 | 44.4 | (P) | (P) | 3.4 | .2 | 6.6 | .1 | 0 | 0 | 25.3 | (P) | 22.9 | 0 |
| Miscellaneous plastics products | 55.5 | 8.5 | 38.9 | 10.3 | 4.4 | 2.1 | 1.0 | 16.5 | 1.1 | 0 | 0 | 7.0 | 1.5 | 4.8 | 0 |
| Stone, clay, and glass products | 101.2 | 3.5 | 65.8 | 16.7 | 9.2 | 1.6 | 4.4 | 25.0 | (P) | (P) | 0 | 21.2 | 8.8 | 12.3 | 0 |
| Transportation equipment | 137.8 | 15.7 | 73.6 | 16.7 | 14.3 | .4 | (P) | 24.4 | (P) | (P) | .1 | 46.7 | (*) | 45.4 | (*) |
| Motor vehicles and equipment | 92.4 | 10.0 | 36.8 | (P) | 12.6 | 0 | 0 | 8.9 | (P) | (P) | 0 | (P) | 0 | 45.3 | 0 |
| Other transportation equipment | 45.3 | 5.8 | 36.8 | (P) | 1.7 | .4 | (P) | 15.6 | (P) | 0 | .1 | (P) | (*) | .1 | (*) |
| Instruments and related products | 123.1 | (P) | 95.1 | 6.4 | 17.0 | 5.4 | 12.8 | 43.0 | (P) | 0 | (P) | 12.7 | .3 | 11.2 | 0 |
| Other | 52.1 | (P) | 40.5 | 4.9 | (P) | .5 | 2.5 | 23.1 | (P) | 0 | 0 | 7.4 | (P) | 5.9 | (P) |
| Wholesale trade | 338.2 | 13.7 | 193.7 | 34.9 | 50.8 | 16.0 | 13.9 | 51.7 | 9.5 | 3.4 | 1.8 | 114.9 | 6.8 | 99.3 | 1.2 |
| Motor vehicles and equipment | 42.8 | .7 | 16.5 | (P) | 6.5 | .7 | 0 | 3.8 | (P) | 0 | (P) | 20.8 | (P) | 19.0 | .3 |
| Professional and commercial equipment and supplies | 42.8 | .6 | 22.8 | .6 | 11.7 | 3.4 | 2.5 | 2.9 | .2 | 0 | .2 | 19.0 | 0 | 18.2 | .1 |
| Metals and minerals, except petroleum | 20.6 | 1.4 | 8.7 | 2.4 | 2.1 | .7 | .1 | 2.1 | .2 | .3 | 0 | 9.9 | (P) | 8.5 | 0 |
| Electrical goods | 45.1 | 2.1 | 16.2 | 1.0 | 8.4 | (P) | .4 | 2.4 | .1 | .1 | .2 | 26.5 | 0 | 25.2 | 0 |
| Machinery, equipment, and supplies | 37.3 | 1.0 | 24.7 | 2.0 | 5.5 | .5 | 3.1 | 5.7 | .9 | (P) | (P) | 9.7 | .1 | 9.4 | .7 |
| Other durable goods | 36.8 | 1.3 | 26.5 | 3.0 | 1.3 | (P) | .9 | 15.3 | 1.7 | .3 | .3 | 7.1 | .5 | 5.9 | 0 |
| Groceries and related products | 31.6 | 1.4 | 22.8 | 3.9 | (P) | 2.2 | .1 | 6.5 | .7 | (*) | .2 | 6.4 | (*) | 5.2 | (*) |
| Farm-product raw materials | 12.8 | .2 | 11.3 | (P) | .2 | .5 | 1.2 | .5 | .1 | 0 | .2 | 1.3 | (*) | 1.2 | 0 |
| Other nondurable goods | 68.3 | 5.0 | 44.4 | 9.9 | (P) | 4.9 | 5.5 | 12.5 | (P) | (P) | (*) | 14.2 | 3.9 | 6.6 | .1 |
| Retail trade | 857.8 | 223.9 | 510.1 | 33.7 | 167.3 | 87.0 | (P) | 127.7 | 18.1 | 4 | 3.2 | 100.9 | 4.8 | 90.0 | 1.3 |
| General merchandise stores | 116.3 | (P) | 29.7 | 1.5 | (P) | (P) | (P) | 6.8 | (P) | 0 | 0 | 5.4 | (P) | 5.2 | 0 |
| Food stores | 358.9 | 50.1 | 266.8 | 10.0 | 141.1 | (P) | .4 | 18.4 | (P) | 0 | (P) | 39.5 | (P) | (P) | 0 |
| Apparel and accessory stores | 84.5 | 20.3 | 51.6 | 3.0 | 2.4 | (P) | 1.2 | 17.2 | (P) | 0 | 0 | 7.5 | (P) | (P) | 0 |
| Other | 298.2 | (P) | 161.9 | 19.3 | (P) | 16.4 | 2 | 85.3 | (P) | 4 | (P) | 48.6 | (P) | 43.2 | (P) |
| Finance, except banking | 71.5 | 5.5 | 33.2 | 6.5 | 1.1 | 1.2 | 5.6 | 14.8 | 1.7 | 0 | .3 | 29.1 | .1 | 26.2 | 1.8 |
| Insurance | 150.2 | (P) | 121.2 | (P) | 12.8 | 17.8 | 19.1 | 42.1 | 2.0 | 0 | 0 | 1.9 | .3 | 1.6 | (P) |
| Real estate | 32.6 | 14.6 | 6.5 | .1 | .6 | 1.0 | .9 | 3.1 | .8 | .1 | 1.4 | 9.1 | .4 | 7.6 | (*) |
| Services | 696.9 | 65.5 | 465.4 | 47.0 | 23.0 | 18.5 | 63.2 | 241.4 | 17.8 | .5 | 8.6 | 136.9 | 13.5 | 103.2 | 2.2 |
| Hotels and other lodging places | 140.0 | 5.1 | 54.0 | 15.5 | .3 | .6 | (P) | 27.6 | (P) | (*) | 5.5 | 70.4 | 0 | 53.6 | (P) |
| Business services | 293.7 | 16.9 | 244.5 | 19.6 | 3.6 | 14.5 | 32.4 | 132.2 | 9.0 | .1 | .9 | 21.6 | (P) | 12.0 | .6 |
| Computer and data processing services | 52.9 | 4.2 | 37.7 | 7.0 | 1.7 | (P) | (P) | 12.0 | (P) | (*) | (P) | 6.7 | (P) | 6.1 | 0 |
| Other business services | 240.8 | 12.8 | 206.9 | 12.6 | 1.9 | (P) | (P) | 120.2 | (P) | .1 | (P) | 14.9 | (P) | 5.8 | .6 |
| Motion pictures, including television tape and film | 27.7 | (P) | 8.2 | (*) | 0 | .1 | 0 | 5.4 | (P) | 0 | 0 | 13.8 | (P) | (P) | (*) |
| Engineering, architectural, and surveying services | 42.5 | 2.7 | 37.2 | 7.3 | 8.5 | .7 | 6.6 | 8.0 | .5 | 0 | .1 | 1.9 | 0 | 1.9 | .1 |
| Accounting, research, management, and related services | 43.1 | 2.9 | 34.1 | 1.6 | 3.7 | .1 | 12.4 | 15.2 | .7 | (*) | .8 | 4.5 | .1 | 3.7 | 0 |
| Health services | 69.7 | 24.9 | (P) | 0 | (P) | 0 | (P) | (P) | 0 | 0 | 0 | (P) | (*) | (P) | (*) |
| Other services | 80.2 | (P) | (P) | 3.1 | (P) | 2.6 | 3.1 | (P) | (P) | 4 | 1.3 | (P) | .9 | 18.4 | (P) |
| Other industries | 427.4 | 76.8 | 203.1 | 22.6 | 29.4 | 9.4 | 4.3 | 83.8 | (P) | (P) | 1.7 | 123.4 | 77.6 | 36.7 | (P) |
| Agriculture, forestry, and fishing | 36.0 | 1.4 | 18.3 | 3.9 | 6.6 | 2.0 | 1.7 | 3.5 | (P) | (P) | .3 | 8.8 | 0 | 8.6 | 0 |
| Mining | 71.5 | 12.8 | 48.9 | 3.3 | (P) | 3.4 | 2 | 31.4 | (*) | 1.1 | .3 | 8.3 | 6.3 | 2.0 | 0 |
| Coal | 24.3 | .7 | 22.8 | (*) | (P) | (P) | 2 | 13.0 | 0 | (*) | .3 | .5 | .4 | .1 | 0 |
| Other | 47.2 | 12.1 | 26.2 | 3.3 | (P) | (P) | (*) | 18.4 | (*) | 1.1 | 0 | 7.8 | 5.9 | 1.9 | 0 |
| Construction | 79.0 | 6.8 | 37.6 | 7.5 | 9.5 | 2.5 | .6 | 12.1 | 3.4 | (*) | (P) | 24.7 | (P) | 12.5 | (P) |
| Transportation | 212.0 | 48.2 | 81.2 | 4.6 | 3.4 | 1.6 | 1.6 | 23.8 | 2.6 | .1 | (P) | 78.6 | 64.5 | 13.1 | (P) |
| Communication and public utilities | 28.9 | 7.6 | 17 | | | | | | | | | | | | |

Table 12.1.—Total Assets of Nonbank U.S. Affiliates, Industry of Affiliate by Country of Ultimate Beneficial Owner, 1990
(Millions of dollars)

| | All countries | Canada | Europe | | | | | Latin America and Other Western Hemisphere | Africa | Middle East | Asia and Pacific | | | United States | |
|--|---------------|---------|---------|-----------|---------|-------------|-------------|--|--------|-------------|------------------|----------------|-----------|---------------|-------|
| | | | Total | Of which: | | | | | | | Total | Of which: | | | |
| | | | | France | Germany | Netherlands | Switzerland | | | | | United Kingdom | Australia | | Japan |
| All industries | 1,550,238 | 227,219 | 746,000 | 77,500 | 100,009 | 90,927 | 114,524 | 268,530 | 38,343 | (D) | 23,834 | 460,863 | 46,073 | 382,677 | (D) |
| Petroleum | 101,179 | 6,243 | 67,970 | 6,375 | 1,310 | (D) | 651 | 23,063 | 6,940 | (D) | 8,724 | 7,987 | 5,342 | 1,818 | (D) |
| Petroleum and coal products manufacturing | 68,269 | (D) | 57,449 | (D) | 190 | (D) | (D) | (D) | 1,833 | 0 | (D) | (D) | (D) | 8 | 0 |
| Other | 32,910 | (D) | 10,521 | (D) | 1,120 | 720 | (D) | 5,107 | 5,107 | (D) | (D) | (D) | (D) | 1,811 | (D) |
| Manufacturing | 429,079 | 72,892 | 262,417 | 40,175 | 40,432 | 21,071 | 33,996 | 97,288 | 7,287 | 1,634 | 582 | 83,674 | 10,246 | 65,056 | 592 |
| Food and kindred products | 45,987 | 9,160 | 30,176 | 2,234 | 326 | 1,325 | (D) | 17,834 | 425 | (D) | 0 | 5,859 | (D) | 2,553 | (D) |
| Beverages | 18,159 | (D) | 8,217 | 1,309 | 88 | 0 | (D) | (D) | 29 | 0 | 0 | 2,420 | (D) | 825 | (D) |
| Other | 27,828 | (D) | 21,960 | 925 | 238 | 1,325 | 565 | (D) | 396 | (D) | 0 | 3,439 | (D) | 1,728 | 0 |
| Chemicals and allied products | 137,803 | (D) | 89,705 | 7,146 | 19,054 | 12,338 | 13,272 | 29,978 | 1,188 | (D) | 0 | 9,928 | 127 | 7,853 | 18 |
| Industrial chemicals and synthetics | 86,985 | (D) | 44,122 | (D) | 15,763 | 3,147 | 202 | (D) | (D) | 0 | 0 | 5,930 | 0 | 4,175 | 3 |
| Drugs | 26,766 | 17 | 23,864 | (D) | 659 | (D) | 12,478 | 8,509 | (D) | 0 | (D) | 2,067 | 88 | 1,978 | 0 |
| Soap, cleaners, and toilet goods | 14,563 | (D) | 13,370 | 76 | 2,323 | (D) | (D) | (D) | (D) | 0 | 3 | 1,013 | (D) | 1,001 | 0 |
| Other | 9,490 | 207 | 8,349 | 244 | 309 | (D) | (D) | 6,988 | 0 | 0 | 0 | 919 | (D) | 699 | 15 |
| Primary and fabricated metals | 47,536 | 4,943 | 20,297 | 8,690 | 3,308 | 824 | 1,517 | 4,112 | 2,677 | (D) | (D) | 18,259 | 3,536 | 13,557 | 0 |
| Primary metal industries | 29,612 | 4,335 | 7,907 | (D) | 910 | 0 | 1,177 | 2,837 | (D) | (D) | 0 | 15,654 | (D) | 11,457 | 0 |
| Ferrous | 16,296 | (D) | 2,348 | 1,269 | 206 | 0 | 0 | 327 | (D) | (D) | 0 | 11,878 | (D) | 10,745 | 0 |
| Nonferrous | 13,317 | (D) | 5,558 | (D) | 704 | 0 | 1,177 | 2,510 | 60 | (D) | 0 | 3,776 | (D) | 711 | 0 |
| Fabricated metal products | 17,924 | 608 | 12,390 | (D) | 2,399 | 824 | 340 | 1,276 | (D) | (D) | 0 | 2,605 | (D) | 2,100 | 0 |
| Machinery | 74,941 | 5,895 | 45,552 | 4,375 | 9,078 | (D) | 8,182 | 10,957 | 282 | (D) | 347 | 22,594 | 1,299 | 18,608 | (D) |
| Machinery, except electrical | 33,760 | 862 | 17,377 | 1,957 | 3,092 | 131 | (D) | 5,926 | 278 | (D) | 248 | 14,818 | (D) | 12,592 | (D) |
| Office and computing machines | 11,366 | (D) | 4,795 | (D) | 245 | 63 | (D) | 2,472 | (D) | 0 | (D) | 6,282 | (D) | 5,857 | 0 |
| Other | 22,394 | (D) | 12,582 | (D) | 2,847 | 68 | (D) | 3,454 | (D) | (D) | (D) | 8,555 | (D) | 6,735 | (D) |
| Electric and electronic equipment | 41,181 | 5,033 | 28,175 | 2,419 | 5,965 | (D) | (D) | 5,031 | (D) | 1 | 100 | 7,776 | (D) | 6,016 | (D) |
| Audio, video, and communications equipment | 11,723 | (D) | 6,840 | (D) | (D) | (D) | (D) | (D) | 4 | 0 | (D) | 912 | (D) | 661 | (D) |
| Electronic components and accessories | 9,729 | 139 | 4,936 | (D) | 2,101 | 344 | 43 | 1,262 | 4 | (D) | 0 | 4,577 | (D) | 4,076 | 20 |
| Other | 19,729 | (D) | 16,399 | 491 | (D) | 40 | (D) | (D) | 0 | 0 | (D) | 2,286 | (D) | 1,279 | (D) |
| Other manufacturing | 122,811 | (D) | 76,687 | 17,730 | 8,666 | (D) | (D) | 34,406 | 2,715 | 2 | 149 | 27,035 | (D) | 22,485 | (D) |
| Textile products and apparel | 5,676 | 1,030 | 2,968 | 214 | 496 | 54 | 258 | 1,499 | 315 | 0 | (D) | 1,323 | 0 | 1,290 | 0 |
| Lumber, wood, furniture, and fixtures | 2,430 | 155 | 1,676 | (D) | 280 | 0 | 32 | 992 | 0 | 0 | 7 | 592 | (D) | 215 | 0 |
| Paper and allied products | 9,951 | 2,442 | 4,985 | 25 | 334 | (D) | (D) | 1,026 | 41 | 0 | (D) | 2,301 | (D) | 1,365 | (D) |
| Printing and publishing | 26,509 | 8,445 | 16,531 | (D) | 2,162 | (D) | (D) | 11,345 | (D) | 0 | (D) | 1,358 | (D) | (D) | (D) |
| Newspapers | (D) | (D) | 39 | 0 | 3 | 0 | 0 | (D) | 2 | 0 | (D) | 1 | 0 | 1 | 0 |
| Other | (D) | (D) | 16,492 | (D) | 2,160 | (D) | (D) | (D) | (D) | 0 | 0 | 1,357 | (D) | (D) | (D) |
| Rubber products | 13,578 | (D) | 6,573 | (D) | (D) | 463 | 35 | (D) | 0 | 0 | 0 | (D) | (D) | (D) | 0 |
| Miscellaneous plastics products | 5,066 | 705 | 3,244 | 881 | 569 | 49 | 33 | 1,138 | 91 | 0 | 0 | 1,025 | 10 | 1,003 | 0 |
| Stone, clay, and glass products | 25,154 | (D) | 17,013 | 6,824 | 1,514 | 324 | 1,846 | 5,361 | (D) | 0 | 0 | 6,082 | 2,291 | 3,779 | 0 |
| Transportation equipment | 15,453 | 1,726 | 7,649 | 2,314 | 733 | (D) | 29 | 3,395 | 1 | 0 | 10 | 6,061 | 0 | 6,034 | 6 |
| Motor vehicles and equipment | 10,992 | 1,621 | 3,351 | (D) | (D) | 0 | 29 | 858 | 0 | 0 | 0 | 6,021 | 0 | 6,021 | 0 |
| Other transportation equipment | 4,461 | 105 | 4,298 | (D) | (D) | (D) | 0 | 2,537 | 1 | 0 | 10 | 41 | 0 | 14 | 6 |
| Instruments and related products | 13,333 | 135 | 11,823 | 706 | 1,179 | 11 | 1,465 | 7,139 | 1 | 0 | 0 | 1,374 | 7 | 1,234 | 0 |
| Other | 5,662 | 69 | 4,226 | 455 | (D) | 4 | 225 | (D) | (D) | 2 | 0 | (D) | (D) | 735 | 0 |
| Wholesale trade | 160,276 | 5,726 | 55,973 | 8,804 | 18,529 | 3,299 | 2,748 | 13,311 | 2,300 | 1,010 | 352 | 94,374 | 1,714 | 86,364 | 541 |
| Motor vehicles and equipment | 48,466 | (D) | 15,205 | 52 | 11,399 | 9 | 0 | 954 | 47 | 0 | (D) | 32,581 | (D) | 31,449 | (D) |
| Professional and commercial equipment and supplies | 8,632 | 28 | 2,285 | 57 | 532 | 258 | 197 | (D) | 46 | 0 | 63 | 6,207 | 0 | 5,852 | 4 |
| Metals and minerals, except petroleum | 15,217 | (D) | 4,981 | 900 | 1,648 | (D) | 147 | 967 | 365 | (D) | 0 | 8,721 | (D) | 7,553 | 0 |
| Electrical goods | 27,031 | 490 | 1,808 | 149 | 385 | (D) | 77 | 344 | 90 | 0 | (D) | 24,643 | 0 | 23,038 | 0 |
| Machinery, equipment, and supplies | 17,187 | 896 | 5,318 | 134 | 1,384 | 440 | 629 | 1,290 | 479 | (D) | (D) | 10,072 | 20 | 9,510 | 329 |
| Other durable goods | 12,576 | (D) | 6,230 | 504 | 283 | (D) | 373 | 3,478 | 529 | (D) | 0 | 5,371 | (D) | 4,910 | 0 |
| Groceries and related products | 5,769 | 287 | 3,973 | 328 | 1,812 | 220 | 31 | 1,232 | 215 | (D) | (D) | 1,210 | 0 | 952 | 18 |
| Farm-product raw materials | 8,817 | 16 | 6,738 | (D) | 71 | 76 | 1,092 | (D) | 142 | 0 | 0 | 1,921 | (D) | 1,749 | 0 |
| Other nondurable goods | 16,580 | 2,165 | 9,434 | (D) | 1,016 | 1,026 | 202 | 3,723 | 387 | (D) | (D) | 3,650 | (D) | 1,352 | (D) |
| Retail trade | 46,898 | 16,633 | 23,896 | 1,226 | 7,453 | 3,087 | (D) | 7,536 | 2,023 | (D) | 605 | 3,682 | 1,345 | 1,994 | (D) |
| General merchandise stores | 14,475 | (D) | 2,085 | (D) | (D) | (D) | (D) | 321 | (D) | 0 | 0 | 1,361 | (D) | 386 | 0 |
| Food stores | 11,774 | (D) | 10,007 | 366 | 5,358 | (D) | 0 | (D) | (D) | 0 | 2 | (D) | (D) | 102 | 0 |
| Apparel and accessory stores | 6,792 | 2,204 | 3,515 | 163 | 65 | (D) | (D) | 2,165 | (D) | 0 | 0 | (D) | 4 | (D) | 2 |
| Other | 13,856 | 2,129 | 8,279 | (D) | (D) | 852 | 10 | (D) | 1,308 | (D) | 603 | 1,471 | (D) | (D) | (D) |
| Finance, except banking | 328,603 | 26,366 | 122,887 | 9,537 | 16,525 | 2,258 | 52,341 | 30,682 | 11,070 | 35 | 1,508 | 166,315 | 4,289 | 154,287 | 423 |
| Insurance | 205,567 | 51,977 | 105,137 | 1,337 | 8,871 | 20,772 | 16,657 | 39,635 | 696 | 0 | (D) | 4,287 | (D) | 1,431 | (D) |
| Real estate | 112,353 | 28,982 | 26,582 | 608 | 3,385 | 7,525 | 2,007 | 10,043 | 3,699 | 400 | 10,053 | 41,980 | 1,417 | 37,005 | 657 |
| Services | 86,243 | 3,104 | 38,950 | 5,289 | 931 | 673 | 3,681 | 20,208 | 2,889 | (D) | 1,116 | 39,873 | (D) | 28,094 | (D) |
| Hotels and other lodging places | 27,029 | 172 | 7,347 | 2,602 | 24 | 80 | 167 | 4,020 | 305 | (D) | 949 | 18,163 | 0 | 15,263 | (D) |
| Business services | 17,530 | 609 | 12,873 | 1,379 | 105 | 433 | 2,713 | 7,616 | 2,403 | (D) | (D) | 1,409 | 482 | 898 | (D) |
| Computer and data processing services | 5,320 | 339 | 4,778 | 286 | 92 | (D) | 2,444 | 1,126 | (D) | 0 | 27 | 112 | 7 | 78 | (D) |
| Other business services | 12,210 | 270 | 8,495 | 1,094 | 14 | (D) | 269 | 6,489 | (D) | (D) | (D) | 1,297 | 475 | 820 | (D) |
| Motion pictures, including television tape and film | 24,392 | 887 | (D) | 4 | 6 | 3 | 17 | 3,482 | 91 | 0 | 0 | (D) | (D) | (D) | 9 |
| Engineering, architectural, and surveying services | 3,870 | 111 | 3,515 | 916 | 508 | 31 | (D) | 917 | 26 | 0 | 11 | 206 | 0 | 188 | 2 |
| Accounting, research, management, and related services | 1,703 | 82 | 1,045 | 283 | (D) | 124 | 65 | 442 | 23 | 2 | 0 | 552 | 47 | 470 | 0 |
| Health services | 1,614 | 564 | (D) | 0 | (D) | 0 | (D) | (D) | 0 | 0 | 0 | (D) | 2 | (D) | 0 |
| Other services | 10,104 | 679 | 7,271 | 104 | 9 | 3 | 72 | (D) | 41 | 0 | 0 | (D) | 53 | (D) | 3 |
| Other industries | 80,042 | 15,297 | 42,198 | 4,149 | 2,572 | (D) | (D) | 26,763 | 1,439 | (D) | (D) | 18,690 | 11,196 | 6,627 | (D) |
| Agriculture, forestry, and fishing | 5,227 | 274 | 2,924 | 688 | 537 | 244 | 511 | 451 | 979 | 69 | 274 | 705 | 0 | 628 | 0 |
| Mining | 16,961 | 4,806 | 8,994 | 374 | 604 | (D) | 2 | 6,515 | 50 | (D) | (D) | 1,617 | 720 | (D) | 14 |
| Coal | 2,546 | 280 | 1,919 | 1 | (D) | 47 | 2 | 1,102 | 0 | 2 | (D) | (D) | 3 | (D) | 0 |
| Other | 14,415 | 4,525 | 7,075 | 373 | (D) | 0 | 0 | 5,413 | 50 | (D) | 0 | (D) | 717 | (D) | 14 |
| Construction | 14,796 | 936 | 9,321 | 1,052 | 965 | 107 | 121 | 6,324 | 32 | 3 | (D) | 4,066 | (D) | 3,247 | (D) |
| Transportation | 25,500 | 6,756 | 6,932 | 395 | 466 | 81 | (D) | (D) | 209 | 3 | (D) | 11,465 | 10,021 | 1,272 | (D) |
| Communication and public utilities | 17,558 | 2,525 | 14,026 | 1,640 | 1 | 0 | (D) | (D) | 168 | 0 | 3 | | | | |

Table 12.2.—Total Assets of Nonbank U.S. Affiliates, Industry of Affiliate by Country of Ultimate Beneficial Owner, 1991
(Millions of dollars)

| | All countries | Canada | Europe | | | | | | Latin America and Other Western Hemisphere | Africa | Middle East | Asia and Pacific | | | United States |
|--|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|----------------|----------------|------------------|----------------|----------------|----------------|
| | | | Total | Of which: | | | | | | | | Total | Of which: | | |
| | | | | France | Germany | Netherlands | Switzerland | United Kingdom | | | | | Australia | Japan | |
| All industries | 1,743,762 | 234,439 | 873,770 | 160,737 | 118,267 | 98,933 | 116,260 | 284,563 | 39,824 | ^(D) | 23,583 | 516,560 | 47,591 | 436,949 | ^(D) |
| Petroleum | 102,052 | 8,112 | 67,177 | 5,913 | 1,110 | ^(D) | 653 | 23,388 | 7,012 | ^(D) | 7,782 | 8,773 | ^(D) | 1,803 | ^(D) |
| Petroleum and coal products manufacturing | 68,080 | ^(D) | 56,904 | ^(D) | 188 | ^(D) | 7 | ^(D) | ^(D) | 0 | ^(D) | ^(D) | ^(D) | 8 | 0 |
| Other | 33,973 | ^(D) | 10,273 | ^(D) | 922 | 686 | ^(D) | ^(D) | ^(D) | ^(D) | ^(D) | ^(D) | 891 | 1,794 | ^(D) |
| Manufacturing | 448,592 | 72,845 | 276,917 | 44,129 | 43,586 | 21,169 | 34,905 | 100,048 | 7,067 | 1,599 | 611 | 89,191 | 12,086 | 69,543 | 362 |
| Food and kindred products | 48,178 | 9,913 | 31,333 | 2,286 | 348 | 1,489 | ^(D) | 18,092 | ^(D) | ^(D) | 0 | 6,495 | 1,674 | 3,180 | 0 |
| Beverages | 19,356 | ^(D) | 8,832 | 943 | 107 | 0 | 0 | 1,497 | ^(D) | 0 | 0 | ^(D) | ^(D) | 926 | 0 |
| Other | 28,822 | ^(D) | 22,501 | 1,343 | 242 | 1,489 | 444 | 16,595 | 281 | ^(D) | 0 | ^(D) | ^(D) | 2,254 | 0 |
| Chemicals and allied products | 144,412 | ^(D) | 96,879 | 7,771 | 21,641 | 12,624 | 14,485 | 31,789 | ^(D) | 0 | ^(D) | 11,140 | 142 | 8,433 | 19 |
| Industrial chemicals and synthetics | 85,581 | ^(D) | 45,104 | ^(D) | 15,946 | 3,411 | 225 | ^(D) | ^(D) | 0 | 0 | 6,770 | 0 | 4,585 | 3 |
| Drugs | 31,333 | ^(D) | 27,052 | ^(D) | ^(D) | 74 | 13,625 | 9,587 | ^(D) | 0 | ^(D) | 2,052 | 90 | 1,962 | 0 |
| Soap, cleaners, and toilet goods | 15,444 | ^(D) | 14,127 | ^(D) | 3,078 | ^(D) | ^(D) | ^(D) | ^(D) | 0 | 3 | 1,085 | 25 | 1,061 | 0 |
| Other | 12,054 | 209 | 10,597 | 238 | ^(D) | ^(D) | ^(D) | 7,935 | 0 | 0 | 0 | 1,233 | 27 | 826 | 16 |
| Primary and fabricated metals | 50,931 | 5,146 | 22,042 | 9,707 | 3,571 | 712 | 1,491 | 4,254 | 2,808 | ^(D) | ^(D) | 19,830 | 5,710 | 12,900 | 0 |
| Primary metal industries | 33,210 | 4,481 | 9,206 | ^(D) | 818 | 4 | 1,112 | 3,077 | ^(D) | ^(D) | 0 | 17,745 | 5,316 | 11,352 | 0 |
| Ferrous | 18,889 | ^(D) | 2,847 | 1,190 | 216 | 4 | 0 | 534 | ^(D) | ^(D) | 0 | 13,805 | ^(D) | 10,743 | 0 |
| Nonferrous | 14,321 | 2,737 | 6,359 | ^(D) | 601 | 0 | 1,112 | 2,543 | ^(D) | ^(D) | 0 | 3,940 | ^(D) | 609 | 0 |
| Fabricated metal products | 17,721 | 665 | 12,836 | ^(D) | 2,754 | 709 | 379 | 1,177 | ^(D) | 0 | ^(D) | 2,086 | 393 | 1,548 | 0 |
| Machinery | 79,426 | 6,261 | 49,251 | 7,380 | 9,364 | ^(D) | 7,740 | 10,774 | 264 | ^(D) | 298 | 23,076 | 1,310 | 20,638 | ^(D) |
| Machinery, except electrical | 35,096 | ^(D) | 18,906 | 1,806 | 3,645 | 135 | ^(D) | 5,564 | 260 | ^(D) | 201 | 14,454 | ^(D) | 13,847 | 42 |
| Office and computing machines | 11,036 | ^(D) | 3,975 | ^(D) | 229 | 64 | 48 | 136 | 0 | ^(D) | 0 | 6,571 | 0 | 6,158 | 0 |
| Other | 24,059 | 771 | 14,930 | ^(D) | 3,417 | 71 | ^(D) | ^(D) | 124 | ^(D) | 0 | 7,883 | ^(D) | 7,689 | 42 |
| Electric and electronic equipment | 44,331 | ^(D) | 30,345 | 5,574 | 5,718 | ^(D) | ^(D) | 5,210 | 4 | ^(D) | 97 | 8,621 | ^(D) | 6,791 | ^(D) |
| Audio, video, and communications equipment | 12,031 | ^(D) | 7,090 | ^(D) | ^(D) | ^(D) | ^(D) | 1,343 | 0 | 1 | ^(D) | 729 | 101 | 529 | ^(D) |
| Electronic components and accessories | 8,365 | 130 | 4,119 | ^(D) | 1,196 | 296 | ^(D) | 1,155 | 4 | ^(D) | ^(D) | 4,032 | 21 | 3,517 | 21 |
| Other | 23,935 | ^(D) | 19,136 | 3,456 | ^(D) | 80 | ^(D) | 2,712 | 0 | 0 | 0 | 3,860 | ^(D) | 2,745 | ^(D) |
| Other manufacturing | 125,644 | ^(D) | 77,411 | 16,984 | 8,662 | ^(D) | ^(D) | 35,138 | 2,412 | 2 | 223 | 28,650 | 3,250 | 24,393 | ^(D) |
| Textile products and apparel | 6,265 | 1,238 | 3,239 | 199 | 437 | 136 | 264 | 1,620 | 299 | 0 | 0 | 1,379 | 0 | 1,366 | ^(D) |
| Lumber, wood, furniture, and fixtures | 2,635 | 473 | 1,797 | ^(D) | 280 | 0 | 32 | 1,028 | 3 | 0 | 0 | 329 | 27 | 255 | ^(D) |
| Paper and allied products | 10,245 | 2,488 | 5,171 | 40 | 344 | ^(D) | ^(D) | 1,158 | 42 | 0 | ^(D) | 2,353 | ^(D) | 1,436 | ^(D) |
| Printing and publishing | 25,422 | 8,750 | 15,301 | ^(D) | 1,805 | ^(D) | ^(D) | 10,557 | ^(D) | 0 | ^(D) | 1,207 | ^(D) | ^(D) | ^(D) |
| Newspapers | ^(D) | ^(D) | 37 | 0 | 3 | 0 | 0 | 29 | 2 | 0 | ^(D) | 1 | 0 | 1 | 0 |
| Other | ^(D) | ^(D) | 15,263 | ^(D) | 1,802 | ^(D) | ^(D) | 10,527 | ^(D) | 0 | 0 | 1,206 | ^(D) | ^(D) | ^(D) |
| Rubber products | 11,478 | ^(D) | 5,776 | ^(D) | ^(D) | 35 | ^(D) | ^(D) | 1 | 0 | 0 | ^(D) | 0 | ^(D) | 0 |
| Miscellaneous plastics products | 6,340 | 706 | 3,458 | 923 | 570 | 46 | 27 | 1,292 | 118 | 0 | 0 | 2,058 | 10 | 2,035 | 0 |
| Stone, clay, and glass products | 25,835 | ^(D) | 17,781 | 6,830 | 1,549 | 339 | 1,526 | 5,501 | ^(D) | 0 | 0 | 6,223 | 2,269 | 3,896 | 0 |
| Transportation equipment | 16,443 | 2,489 | 7,231 | 2,102 | 892 | ^(D) | 0 | 3,057 | 5 | 0 | 11 | 6,703 | 0 | 6,571 | 6 |
| Motor vehicles and equipment | 11,174 | 1,562 | 3,052 | ^(D) | ^(D) | 0 | 0 | 659 | 3 | 0 | 0 | 6,557 | 0 | 6,557 | 0 |
| Other transportation equipment | 5,269 | 926 | 4,178 | ^(D) | ^(D) | 0 | 0 | 2,398 | 1 | 0 | 11 | 146 | 0 | 14 | 6 |
| Instruments and related products | 15,917 | 137 | 14,230 | 729 | 1,364 | 12 | 1,579 | 9,163 | 1 | 0 | 0 | 1,549 | 7 | 1,421 | 0 |
| Other | 5,065 | 100 | 3,428 | 479 | ^(D) | 4 | 222 | ^(D) | 2 | 0 | 0 | ^(D) | ^(D) | 864 | 0 |
| Wholesale trade | 173,898 | 4,543 | 55,863 | 9,381 | 19,197 | 3,369 | 2,979 | 12,429 | 2,378 | 1,912 | 212 | 108,296 | 1,755 | 99,187 | 694 |
| Motor vehicles and equipment | 53,793 | ^(D) | 15,388 | 39 | 11,893 | 28 | 0 | 903 | 21 | 0 | 52 | 38,141 | ^(D) | 36,839 | ^(D) |
| Professional and commercial equipment and supplies | 9,699 | 46 | 2,520 | 58 | 595 | 343 | 199 | ^(D) | 47 | 0 | 67 | 7,014 | 0 | 6,595 | 5 |
| Metals and minerals, except petroleum | 15,367 | ^(D) | 9,132 | 913 | 1,858 | 215 | 89 | 865 | 288 | ^(D) | 0 | 9,301 | ^(D) | 8,027 | 0 |
| Electrical goods | 31,865 | 486 | 1,577 | 178 | 361 | 53 | 80 | 76 | 83 | 0 | ^(D) | 29,716 | 0 | 27,835 | 0 |
| Machinery, equipment, and supplies | 17,247 | 381 | 5,561 | 139 | 1,475 | 476 | 619 | 1,666 | 396 | ^(D) | ^(D) | 10,417 | 21 | 9,736 | 394 |
| Other durable goods | 13,254 | ^(D) | 6,803 | 583 | 377 | ^(D) | 368 | 3,785 | 814 | ^(D) | 0 | 5,430 | ^(D) | 5,022 | 0 |
| Groceries and related products | 6,308 | ^(D) | 3,693 | 403 | 1,490 | 254 | 39 | 1,202 | 245 | ^(D) | ^(D) | 2,001 | 0 | 1,689 | 18 |
| Farm-product raw materials | 9,647 | 16 | 7,510 | ^(D) | 69 | 56 | 1,358 | ^(D) | 100 | 0 | 0 | 2,022 | ^(D) | 1,805 | 0 |
| Other nondurable goods | 16,719 | ^(D) | 8,138 | ^(D) | 1,079 | ^(D) | 227 | 2,447 | 384 | ^(D) | 5 | 4,255 | 1,579 | 1,639 | ^(D) |
| Retail trade | 51,152 | 16,285 | 25,179 | 1,624 | 7,542 | 4,448 | 6,593 | 2,100 | 6,593 | 566 | 6,954 | 43,222 | 1,663 | 40,589 | 694 |
| General merchandise stores | 13,560 | ^(D) | 1,952 | 66 | ^(D) | ^(D) | ^(D) | 261 | ^(D) | 0 | 0 | 826 | 0 | 814 | 0 |
| Food stores | 17,267 | 1,487 | 11,862 | 508 | 5,454 | ^(D) | 0 | ^(D) | 0 | 2 | ^(D) | ^(D) | ^(D) | ^(D) | 0 |
| Apparel and accessory stores | 6,364 | 1,924 | 3,306 | 200 | 76 | ^(D) | ^(D) | 1,872 | ^(D) | 0 | 0 | ^(D) | 5 | 403 | 2 |
| Other | 13,960 | ^(D) | 8,059 | 850 | ^(D) | 1,170 | 11 | ^(D) | 1,355 | ^(D) | 564 | ^(D) | ^(D) | ^(D) | ^(D) |
| Finance, except banking | 377,086 | 34,978 | 136,245 | 11,538 | 17,386 | 3,570 | 51,571 | 38,755 | 18 | 18 | 191,581 | 4,059 | 179,640 | 694 | |
| Insurance | 302,859 | 52,629 | 200,132 | 19,870 | 26,678 | 17,888 | 45,329 | 0 | 0 | 0 | 3,928 | 1,814 | 0 | 0 | |
| Real estate | 114,238 | 25,458 | 26,815 | 532 | 3,259 | 7,206 | 2,357 | 10,121 | 3,790 | 11,064 | 46,100 | 1,663 | 40,589 | 694 | |
| Services | 91,006 | 3,248 | 40,351 | 6,039 | 968 | 689 | 3,610 | 20,710 | 2,645 | 1,063 | 43,322 | 1,663 | 30,891 | 694 | |
| Hotels and other lodging places | 28,452 | 220 | 7,762 | 3,080 | 26 | 67 | 133 | 4,021 | 575 | ^(D) | 828 | 18,970 | 0 | 16,028 | ^(D) |
| Business services | 19,483 | 739 | 14,179 | 1,327 | 118 | 541 | 2,841 | 8,427 | 1,907 | ^(D) | ^(D) | 2,303 | 492 | 1,767 | ^(D) |
| Computer and data processing services | 5,852 | 479 | 4,451 | 221 | 102 | ^(D) | 2,572 | 1,084 | ^(D) | 0 | ^(D) | 539 | 7 | 490 | 0 |
| Other business services | 13,630 | 259 | 9,728 | 1,105 | 16 | ^(D) | 269 | 7,343 | ^(D) | ^(D) | ^(D) | 1,764 | 485 | 1,277 | ^(D) |
| Motion pictures, including television tape and film | 24,950 | 732 | ^(D) | 4 | 6 | 18 | 3,921 | 92 | 0 | 0 | 0 | ^(D) | ^(D) | ^(D) | 9 |
| Engineering, architectural, and surveying services | 4,048 | 115 | 3,694 | 1,154 | 475 | 36 | 997 | 4 | 0 | 11 | 221 | 0 | 221 | 2 | |
| Accounting, research, management, and related services | 2,026 | 73 | 1,150 | 358 | ^(D) | 36 | 113 | 511 | 24 | 2 | 0 | 778 | 36 | 704 | 0 |
| Health services | 1,880 | 565 | ^(D) | 0 | ^(D) | 0 | ^(D) | ^(D) | 0 | 0 | 0 | ^(D) | 2 | ^(D) | 0 |
| Other services | 10,168 | 604 | 6,315 | 117 | 9 | 2 | ^(D) | ^(D) | 42 | 0 | ^(D) | 7 | | | |

Table 13.1.—Gross Product of U.S. Affiliates, Industry of Affiliate by Country of UBO, 1990
 [Millions of dollars]

| | All countries | Canada | Europe | | | | | | Latin America and Other Western Hemisphere | Africa | Middle East | Asia and Pacific | | | United States |
|--|---------------|--------|---------|-----------|---------|-------------|-------------|----------------|--|--------|-------------|------------------|-----------|--------|---------------|
| | | | Total | Of which: | | | | | | | | Total | Of which: | | |
| | | | | France | Germany | Netherlands | Switzerland | United Kingdom | | | | | Australia | Japan | |
| All industries | 243,227 | 39,163 | 141,979 | 15,051 | 24,409 | 18,687 | 15,158 | 53,746 | 8,670 | 1,254 | 3,104 | 46,526 | 8,055 | 34,806 | 2,530 |
| Petroleum | 26,712 | (D) | 18,976 | (D) | 106 | (D) | (D) | 8,279 | 2,927 | (D) | 1,938 | 795 | (D) | 16 | (D) |
| Petroleum and coal products manufacturing | 20,461 | (D) | 17,004 | (D) | 26 | (D) | (D) | 8,279 | 2,927 | (D) | 1,938 | 795 | (D) | 3 | 0 |
| Other | 6,252 | (D) | 1,972 | (D) | 79 | (D) | (D) | (D) | 0 | (D) | (D) | (D) | (D) | 13 | (D) |
| Manufacturing | 119,704 | 20,968 | 76,287 | 9,562 | 14,305 | 6,078 | 10,768 | 27,699 | 2,819 | 513 | 170 | 18,842 | 2,321 | 14,933 | 104 |
| Food and kindred products | 10,944 | 1,743 | 7,954 | 612 | 101 | 632 | (D) | 4,196 | 83 | (D) | 0 | 1,093 | 178 | 542 | (D) |
| Beverages | 3,452 | (D) | 2,117 | 349 | 29 | 0 | (D) | 186 | -1 | 0 | 0 | 340 | (D) | 171 | (D) |
| Other | 7,493 | (D) | 5,837 | 263 | 73 | 632 | (D) | 4,010 | 83 | (D) | 0 | 753 | (D) | 371 | 0 |
| Chemicals and allied products | 37,387 | (D) | 25,070 | 1,483 | 6,913 | 2,601 | 4,426 | 8,721 | (D) | 0 | 17 | 1,474 | 24 | 1,183 | 1 |
| Industrial chemicals and synthetics | 22,369 | (D) | 11,072 | (D) | 5,257 | (D) | 79 | 3,278 | 66 | 0 | 0 | (D) | 0 | 723 | 0 |
| Drugs | 8,534 | (D) | 8,347 | (D) | 252 | (D) | 4,056 | 3,402 | (D) | 0 | 17 | (D) | 7 | 179 | 0 |
| Soap, cleaners, and toilet goods | 3,537 | (D) | 3,363 | (D) | 1,179 | (D) | (D) | (D) | -1 | 0 | (D) | 102 | 10 | 92 | 0 |
| Other | 2,547 | (D) | 2,268 | (D) | 37 | (D) | (D) | (D) | 0 | 0 | 0 | 221 | 7 | 189 | (D) |
| Primary and fabricated metals | 14,623 | 1,773 | 6,754 | 2,614 | 1,255 | 474 | 578 | 1,151 | (D) | (D) | (D) | 4,581 | 859 | 3,532 | 0 |
| Primary metal industries | 8,319 | 1,462 | 2,267 | (D) | 302 | 0 | 442 | 614 | (D) | (D) | 0 | 4,046 | (D) | 3,265 | 0 |
| Ferrous | 4,566 | (D) | 489 | (D) | 311 | 66 | 0 | 136 | (D) | (D) | 0 | 3,213 | 43 | 3,042 | 0 |
| Nonferrous | 3,753 | (D) | 973 | (D) | 236 | 0 | 442 | 478 | (D) | (D) | 0 | 834 | (D) | 163 | 0 |
| Fabricated metal products | 6,304 | 311 | 4,486 | (D) | 954 | 474 | 135 | 537 | (D) | (D) | (D) | 534 | (D) | 327 | 0 |
| Machinery | 23,219 | 2,511 | 14,974 | 1,133 | 3,053 | (D) | 2,736 | 3,557 | 82 | (D) | (D) | 5,496 | 293 | 4,563 | (D) |
| Machinery, except electrical | 10,130 | 298 | 5,747 | 393 | 922 | 29 | (D) | 1,812 | 83 | (D) | (D) | 3,888 | 23 | 3,274 | 0 |
| Office and computing machines | 3,189 | 25 | 947 | (D) | 118 | -2 | 30 | 457 | (D) | (D) | 0 | 2,144 | 0 | 2,017 | 0 |
| Other | 6,941 | 273 | 4,800 | (D) | 804 | 31 | (D) | 1,355 | (D) | (D) | (D) | 1,744 | 23 | 1,257 | 8 |
| Electric and electronic equipment | 13,089 | 2,214 | 9,227 | 739 | 2,131 | (D) | (D) | 1,745 | -1 | 1 | (D) | 1,609 | 269 | 1,288 | (D) |
| Audio, video, and communications equipment | 4,766 | (D) | 2,570 | (D) | (D) | (D) | 28 | 361 | 0 | -8 | 26 | (D) | (D) | 185 | 1 |
| Electronic components and accessories | 2,274 | (D) | 1,353 | (D) | 658 | 131 | 15 | 349 | -1 | -1 | -1 | 848 | 15 | 804 | (D) |
| Other | 6,048 | (D) | 5,303 | (D) | 18 | (D) | (D) | 1,035 | 0 | 0 | (D) | (D) | (D) | 299 | 1 |
| Other manufacturing | 33,530 | (D) | 21,536 | 3,721 | 2,981 | (D) | (D) | 10,075 | 1,117 | (D) | (D) | 6,199 | 967 | 5,112 | (D) |
| Textile products and apparel | 2,046 | 343 | 1,194 | 86 | 235 | 16 | 59 | 648 | 140 | 0 | 6 | 350 | 0 | 338 | 12 |
| Lumber, wood, furniture, and fixtures | 879 | 88 | 581 | 34 | 133 | 0 | 15 | 378 | 0 | 0 | 1 | 208 | (D) | 52 | 0 |
| Paper and allied products | 3,189 | 386 | 2,171 | 24 | 101 | (D) | (D) | 518 | 10 | 0 | (D) | 553 | (D) | 342 | (D) |
| Printing and publishing | 5,462 | 2,764 | 2,340 | (D) | 563 | (D) | (D) | 1,260 | 17 | 0 | (D) | (D) | (D) | (D) | (D) |
| Newspapers | 1,140 | 1,122 | (D) | 0 | 2 | 0 | 0 | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 0 |
| Other | 4,321 | 1,642 | (D) | (D) | 562 | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| Rubber products | 3,976 | (D) | 2,244 | 1,398 | (D) | 218 | 10 | (D) | 0 | 0 | 0 | (D) | (D) | (D) | 0 |
| Miscellaneous plastics products | 1,225 | 199 | 819 | 121 | (D) | (D) | 15 | 317 | 26 | 0 | 0 | 180 | 2 | 173 | 0 |
| Stone, clay, and glass products | 5,958 | (D) | 3,891 | 1,117 | 509 | 84 | 310 | 1,488 | (D) | 0 | 0 | 1,199 | 533 | 664 | 0 |
| Transportation equipment | 3,849 | 322 | 1,945 | 402 | 167 | 22 | 23 | 1,046 | -1 | 0 | 2 | 1,579 | 0 | 1,644 | 2 |
| Motor vehicles and equipment | 2,645 | 285 | 719 | (D) | (D) | 0 | 23 | 20 | 0 | 0 | 0 | 1,641 | 0 | 1,641 | 0 |
| Other transportation equipment | 1,205 | 37 | 1,226 | (D) | (D) | 22 | 0 | 786 | -1 | 0 | 2 | -62 | 0 | 3 | 2 |
| Instruments and related products | 4,319 | 70 | 4,018 | 281 | 522 | -5 | 329 | 2,559 | 0 | 0 | 0 | 230 | 4 | 208 | 0 |
| Other | 2,628 | 31 | 2,333 | (D) | 3 | 2 | 115 | (D) | (D) | (D) | 0 | (D) | (D) | 81 | 0 |
| Wholesale trade | 24,392 | 982 | 10,809 | 1,366 | 3,914 | 627 | 645 | 2,667 | 644 | 249 | 66 | 11,480 | 244 | 10,638 | 162 |
| Motor vehicles and equipment | 6,451 | 29 | 2,209 | -18 | 1,895 | 1 | 0 | 121 | 8 | 0 | (D) | 4,175 | (D) | 3,989 | (D) |
| Professional and commercial equipment and supplies | 1,873 | 19 | 716 | 3 | 183 | 115 | 72 | 265 | -4 | 0 | 26 | 1,118 | 0 | 1,096 | -1 |
| Metals and minerals, except petroleum | 1,729 | (D) | 943 | 138 | 416 | 41 | 14 | 170 | 0 | 0 | 0 | 496 | 3 | 449 | 0 |
| Electrical goods | 4,154 | 8 | 722 | 60 | (D) | 5 | 26 | 97 | 15 | 0 | (D) | 3,409 | 0 | 3,295 | 0 |
| Machinery, equipment, and supplies | 1,873 | 122 | 793 | 49 | 282 | 14 | 160 | 32 | 130 | (D) | (D) | 728 | 2 | 700 | 50 |
| Other durable goods | 2,063 | 46 | 1,238 | 124 | 69 | (D) | 102 | 662 | 142 | 6 | 0 | 631 | (D) | 582 | 0 |
| Groceries and related products | 1,596 | (D) | 1,291 | 149 | (D) | 80 | 10 | 365 | 40 | (D) | 6 | 149 | 0 | 102 | (D) |
| Farm-product raw materials | 966 | 1 | 761 | (D) | 13 | 16 | (D) | 45 | 2 | 0 | 0 | 202 | (D) | 194 | 0 |
| Other nondurable goods | 3,687 | 389 | 2,136 | (D) | 219 | (D) | (D) | 909 | 314 | (D) | 4 | 572 | (D) | 232 | (D) |
| Retail trade | 17,130 | 5,753 | 10,002 | 592 | 3,967 | 1,433 | (D) | 1,841 | 421 | 7 | (D) | 818 | 36 | 654 | (D) |
| General merchandise stores | 3,476 | (D) | 511 | (D) | (D) | (D) | (D) | 74 | (D) | 0 | 0 | (D) | (D) | 71 | 0 |
| Food stores | 7,092 | 817 | 6,086 | 200 | 3,362 | (D) | 0 | (D) | (D) | 1 | (D) | (D) | (D) | 30 | 0 |
| Apparel and accessory stores | 1,880 | 621 | 989 | 53 | 43 | (D) | 53 | 391 | 104 | 0 | 0 | 165 | 1 | (D) | 2 |
| Other | 4,682 | (D) | 2,417 | (D) | (D) | 269 | 5 | (D) | 265 | 7 | (D) | 637 | (D) | (D) | (D) |
| Finance, except banking | 5,014 | 726 | 1,406 | 36 | 89 | 76 | 502 | 924 | 627 | -1 | 18 | 2,149 | -30 | 2,110 | 89 |
| Insurance | 9,545 | 2,498 | 5,369 | 44 | 297 | 1,037 | 827 | 2,821 | 64 | 0 | (D) | 218 | (D) | 86 | (D) |
| Real estate | 6,349 | 1,814 | 1,384 | 29 | 241 | 384 | 98 | 473 | 175 | 10 | 538 | 2,385 | 83 | 2,125 | 44 |
| Services | 16,690 | 951 | 10,924 | 1,234 | 457 | 355 | 1,677 | 5,398 | 761 | 6 | 143 | 3,837 | 652 | 2,745 | 67 |
| Hotels and other lodging places | 2,456 | (D) | 688 | (D) | (D) | 6 | 11 | 454 | 48 | 4 | 132 | 1,530 | 0 | 1,178 | (D) |
| Business services | 7,341 | 219 | 6,076 | 612 | 55 | 305 | 1,414 | 3,200 | 681 | (D) | 8 | 315 | (D) | 150 | 43 |
| Computer and data processing services | 2,284 | 71 | 1,935 | 346 | 48 | (D) | (D) | 403 | (D) | 0 | 8 | (D) | (D) | (D) | 6 |
| Other business services | 5,058 | 148 | 4,141 | 266 | 8 | (D) | (D) | 2,797 | (D) | (D) | (D) | (D) | (D) | (D) | 37 |
| Motion pictures, including television tape and film | 1,905 | (D) | 256 | (D) | (D) | 1 | 5 | 281 | 27 | 0 | 0 | (D) | (D) | (D) | 1 |
| Engineering, architectural, and surveying services | 1,568 | 109 | 1,356 | 311 | 220 | 26 | (D) | 411 | 1 | 0 | -1 | 99 | 0 | 95 | 3 |
| Accounting, research, management, and related services | 434 | 17 | 340 | 80 | 14 | 13 | 53 | 169 | -12 | 3 | 0 | 86 | -1 | 81 | 0 |
| Health services | 1,025 | 352 | (D) | 0 | (D) | 0 | (D) | (D) | 0 | 0 | 0 | (D) | -1 | (D) | 0 |
| Other services | 1,961 | (D) | (D) | (D) | -1 | 4 | 35 | (D) | 16 | 0 | 4 | 165 | 11 | 89 | (D) |
| Other industries | 17,690 | (D) | 6,822 | (D) | 1,034 | (D) | (D) | 3,643 | 231 | (D) | (D) | 6,002 | (D) | 1,501 | (D) |
| Agriculture, forestry, and fishing | 843 | (D) | 451 | 119 | 72 | 27 | (D) | 138 | (D) | 5 | 29 | 159 | 0 | 139 | 0 |
| Mining | 3,459 | 860 | 2,039 | 90 | (D) | 358 | 1 | 1,319 | -29 | (D) | (D) | 470 | 97 | 373 | (D) |
| Coal | 522 | 91 | 353 | 2 | (D) | (D) | 1 | 166 | 0 | (D) | (D) | (D) | 1 | 20 | 0 |
| Other | 2,938 | 768 | 1,686 | 88 | -2 | (D) | 0 | 1,152 | -29 | (D) | (D) | 96 | 96 | 353 | (D) |
| Construction | 4,061 | 395 | 2,450 | 414 | 678 | 42 | 26 | 1,043 | 19 | 1 | (D) | 910 | (D) | 459 | (D) |
| Transportation | 7,359 | 2,019 | 923 | 143 | (D) | (D) | (D) | 534 | 58 | 4 | (D) | 4,271 | 3,771 | 408 | (D) |
| Communication and public utilities | 1,968 | (D) | 959 | (D) | (D) | 0 | (D) | 609 | (D) | 0 | 1 | 192 | (D) | 122 | 0 |

* Less than \$500,000 (±).

D Suppressed to avoid disclosure of data of individual companies.

NOTE.—Estimates for 1990 are revised.

Table 13.2.—Gross Product of U.S. Affiliates, Industry of Affiliate by Country of UBO, 1991
[Millions of dollars]

| | All countries | Canada | Europe | | | | | | Latin America and Other Western Hemisphere | Africa | Middle East | Asia and Pacific | | | United States |
|--|----------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|--|--------------|--------------|------------------|--------------|---------------|---------------|
| | | | Total | Of which: | | | | | | | | Total | Of which: | | |
| | | | | France | Germany | Netherlands | Switzerland | United Kingdom | | | | | Australia | Japan | |
| All industries | 258,370 | 39,185 | 151,077 | 18,282 | 26,001 | 18,948 | 15,897 | 54,711 | 8,771 | 1,212 | 3,803 | 51,419 | 8,537 | 39,400 | 2,903 |
| Petroleum | 25,166 | (D) | 16,974 | (D) | 13 | (D) | 99 | 7,107 | 3,283 | (D) | 2,294 | 443 | (D) | -68 | 381 |
| Petroleum and coal products manufacturing | 18,315 | (D) | 15,243 | (D) | -53 | (D) | 9 | (D) | (D) | 0 | (D) | (D) | (D) | 3 | 0 |
| Other | 6,851 | (D) | 1,730 | (D) | 66 | (D) | 268 | 89 | (D) | (D) | (D) | (D) | (D) | -71 | 381 |
| Manufacturing | 124,222 | 19,829 | 81,588 | 10,891 | 14,701 | 6,393 | 11,128 | 29,972 | 2,681 | 481 | 167 | 19,381 | 2,970 | 15,121 | 94 |
| Food and kindred products | 11,965 | 1,755 | 8,735 | 624 | 126 | 713 | (D) | 4,775 | 81 | 45 | 0 | 1,349 | 201 | 707 | 0 |
| Beverages | 3,655 | (D) | 2,281 | (D) | 36 | 0 | (D) | 270 | (D) | 0 | 0 | 392 | 140 | 209 | 0 |
| Other | 8,310 | (D) | 6,454 | (D) | 90 | 713 | (D) | 4,505 | (D) | 45 | 0 | 957 | 61 | 498 | 0 |
| Chemicals and allied products | 37,986 | (D) | 26,794 | 1,612 | 7,159 | 2,724 | 4,784 | 9,486 | (D) | 0 | 24 | 1,532 | 35 | 1,314 | 1 |
| Industrial chemicals and synthetics | 21,402 | (D) | 11,561 | (D) | 5,380 | (D) | 92 | 3,461 | 71 | 0 | 0 | (D) | 0 | 774 | 1 |
| Drugs | 10,063 | (D) | 9,202 | (D) | 317 | 6 | 4,384 | 3,742 | (D) | 0 | 24 | (D) | 9 | 220 | 0 |
| Soap, cleaners, and toilet goods | 3,632 | 76 | 3,416 | 10 | 1,074 | (D) | (D) | (D) | (D) | 0 | (*) | 140 | 19 | 121 | 0 |
| Other | 2,889 | 35 | 2,616 | 45 | 388 | (D) | (D) | (D) | 0 | 0 | 0 | 237 | 7 | 198 | (*) |
| Primary and fabricated metals | 14,751 | (D) | 6,759 | 2,726 | 1,286 | 375 | 470 | 1,149 | (D) | (D) | 13 | 4,796 | 1,576 | 3,012 | 0 |
| Primary metal industries | 8,338 | 1,388 | 2,326 | (D) | 319 | -2 | 324 | 566 | (D) | (D) | 0 | 4,120 | 0 | 2,591 | 0 |
| Ferrous | 4,832 | 465 | 801 | 289 | 76 | -2 | 0 | 150 | (D) | (D) | 0 | 3,457 | (D) | 2,445 | 0 |
| Nonferrous | 3,506 | 923 | 1,525 | (D) | 244 | 0 | 324 | 416 | (D) | (D) | 0 | 663 | (D) | 146 | 0 |
| Fabricated metal products | 6,413 | (D) | 4,433 | (D) | 967 | 377 | 145 | 583 | (D) | 0 | 13 | 676 | (D) | 421 | 0 |
| Machinery | 24,277 | 2,713 | 16,265 | 2,000 | 3,227 | (D) | 2,820 | 3,705 | 49 | (D) | (D) | 5,121 | 288 | 4,604 | 24 |
| Machinery, except electrical | 9,992 | 353 | 6,284 | 578 | 1,212 | 32 | (D) | 1,953 | 50 | (D) | (D) | 3,206 | 30 | 3,079 | 8 |
| Office and computing machines | 2,978 | 86 | 1,336 | (D) | 106 | -1 | 27 | (D) | (D) | 0 | (D) | 1,545 | 0 | 1,469 | 0 |
| Other | 7,014 | 267 | 4,948 | (D) | 1,105 | 33 | (D) | (D) | (D) | (D) | (D) | 1,661 | 30 | 1,611 | 8 |
| Electric and electronic equipment | 14,285 | 2,360 | 9,981 | 1,422 | 2,016 | (D) | (D) | 1,752 | -1 | -9 | 23 | 1,915 | 257 | 1,525 | 16 |
| Audio, video, and communications equipment | 5,073 | (D) | 2,835 | (D) | (D) | 32 | 355 | 0 | 0 | 0 | 23 | (D) | (D) | 158 | 1 |
| Electronic components and accessories | 1,783 | 50 | 1,033 | (D) | 372 | 116 | 58 | 320 | -1 | -8 | -1 | 688 | 16 | 578 | 14 |
| Other | 7,429 | (D) | 6,113 | 813 | (D) | 29 | (D) | 1,076 | 0 | 0 | 0 | (D) | (D) | 789 | 1 |
| Other manufacturing | 35,243 | (D) | 23,036 | 3,929 | 2,902 | (D) | (D) | 10,857 | 891 | (*) | (D) | 6,584 | 870 | 5,484 | 68 |
| Textile products and apparel | 2,352 | 355 | 1,356 | 78 | 226 | 51 | 69 | 704 | 206 | 0 | 27 | 396 | 0 | 391 | 14 |
| Lumber, wood, furniture, and fixtures | 810 | 104 | 574 | 28 | 144 | 0 | 15 | 339 | 3 | 0 | 0 | 118 | 32 | 76 | (D) |
| Paper and allied products | 3,353 | 464 | 2,278 | 31 | 91 | (D) | (D) | 590 | 16 | 0 | (D) | 537 | (D) | 320 | (D) |
| Printing and publishing | 5,445 | 2,619 | 2,434 | (D) | (D) | 0 | (D) | 1,500 | 17 | 0 | (*) | 348 | (D) | (D) | 26 |
| Newspapers | 965 | (D) | 0 | 0 | 2 | 0 | 0 | (D) | 3 | 0 | (*) | 0 | (D) | (D) | 0 |
| Other | 4,480 | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 14 | 0 | (*) | 348 | (D) | (D) | 26 |
| Rubber products | 3,294 | (D) | 1,929 | (D) | (D) | (D) | 13 | (D) | 2 | 0 | 0 | (D) | 0 | (D) | 0 |
| Miscellaneous plastics products | 1,378 | 190 | 920 | 130 | 216 | 21 | 13 | 376 | 29 | 0 | 0 | 239 | 2 | 232 | 0 |
| Stone, clay, and glass products | 5,712 | (D) | 3,917 | 1,282 | 499 | 105 | 227 | 1,285 | (D) | 0 | 0 | 1,197 | 497 | 695 | 0 |
| Transportation equipment | 4,413 | 634 | 1,934 | 494 | 212 | 21 | 0 | 810 | 0 | 2 | 1,843 | 0 | 1,830 | 2 | |
| Motor vehicles and equipment | 3,094 | (D) | 839 | (D) | 0 | 0 | 0 | 221 | -2 | 0 | 0 | 0 | 0 | 1,828 | 0 |
| Other transportation equipment | 1,318 | (D) | 1,095 | (D) | (D) | 21 | 0 | 589 | -1 | 0 | 2 | 0 | 0 | 3 | 2 |
| Instruments and related products | 5,965 | 65 | 5,555 | 297 | 634 | -5 | 435 | 3,609 | 1 | 0 | 0 | 344 | 4 | 290 | 0 |
| Other | 2,520 | 51 | 2,138 | 204 | 35 | 2 | 108 | (D) | (D) | (*) | 0 | (D) | (D) | 143 | 0 |
| Wholesale trade | 26,354 | 908 | 10,864 | 1,490 | 4,092 | 789 | 645 | 2,466 | 546 | 341 | 75 | 13,504 | 258 | 12,454 | 117 |
| Motor vehicles and equipment | 7,257 | 11 | 2,231 | -4 | 2,015 | 8 | 0 | (D) | 5 | 0 | 14 | 5,035 | (D) | 4,844 | -39 |
| Professional and commercial equipment and supplies | 2,174 | 35 | 742 | 21 | 203 | 121 | 74 | 246 | -4 | 0 | 28 | 1,373 | 0 | 1,351 | (*) |
| Metals and minerals, except petroleum | 1,689 | (D) | 879 | 110 | 446 | 38 | 0 | 187 | -3 | (D) | 0 | 544 | 3 | 492 | 0 |
| Electrical goods | 4,541 | 42 | 599 | 54 | (D) | 12 | 26 | 21 | 4 | 0 | (*) | 3,896 | 0 | 3,761 | 0 |
| Machinery, equipment, and supplies | 1,944 | 94 | 941 | 49 | 287 | 29 | 159 | 204 | 111 | (D) | 26 | 679 | 2 | 643 | (D) |
| Other durable goods | 2,458 | 45 | 1,533 | 135 | 85 | (D) | 69 | 855 | 109 | 5 | 0 | 766 | (D) | 704 | 0 |
| Groceries and related products | 1,680 | (D) | 1,307 | 184 | (D) | 93 | 10 | 310 | 30 | (D) | 6 | 224 | 0 | 156 | 3 |
| Farm-product raw materials | 1,091 | 1 | 887 | (D) | 12 | 17 | (D) | 40 | 2 | 0 | 0 | 201 | 0 | 189 | 0 |
| Other nondurable goods | 3,520 | 331 | 1,744 | 191 | (D) | (D) | (D) | (D) | 290 | (D) | 1 | 786 | 203 | 314 | (D) |
| Retail trade | 20,450 | 6,102 | 10,863 | 796 | 4,144 | 1,699 | (D) | 1,863 | 461 | 7 | (D) | 2,899 | (D) | 2,565 | (D) |
| General merchandise stores | 4,098 | (D) | 498 | 17 | (D) | (D) | (D) | 85 | (D) | 0 | 0 | 221 | 0 | 219 | 0 |
| Food stores | 9,601 | 898 | 6,865 | 293 | (D) | (D) | 0 | (D) | 0 | 1 | (D) | (D) | (D) | (D) | 0 |
| Apparel and accessory stores | 2,011 | 585 | 1,099 | 70 | 53 | (D) | 30 | 501 | 161 | 0 | 0 | 164 | 1 | 501 | 2 |
| Other | 4,740 | (D) | 2,402 | 416 | (D) | 260 | 6 | (D) | 244 | 7 | (D) | (D) | (D) | 490 | (D) |
| Finance, except banking | 6,877 | 748 | 1,739 | 76 | 128 | 20 | 1,042 | 1,061 | 523 | 2 | 119 | 3,637 | 62 | 3,539 | 110 |
| Insurance | 11,889 | (D) | 7,217 | (D) | 70 | 1,278 | 781 | 3,235 | 62 | 0 | 0 | 172 | (D) | 105 | (D) |
| Real estate | 5,834 | 1,873 | 1,047 | 6 | 224 | 341 | 130 | 220 | 178 | 11 | 789 | 1,898 | 107 | 1,635 | 39 |
| Services | 16,820 | 1,129 | 10,841 | 1,461 | 563 | 363 | 1,603 | 4,963 | 709 | 1 | 165 | 3,887 | 837 | 2,563 | 88 |
| Hotels and other lodging places | 2,875 | (D) | 938 | (D) | (D) | 7 | 24 | 499 | 65 | -1 | (D) | 1,648 | 0 | 1,251 | (D) |
| Business services | 7,227 | 305 | 5,739 | 575 | 68 | 316 | 1,393 | 2,858 | 621 | -1 | 43 | 458 | (D) | 312 | 63 |
| Computer and data processing services | 2,253 | 117 | 1,773 | 290 | 57 | (D) | (D) | 279 | (D) | 0 | 40 | (D) | -7 | 96 | 0 |
| Other business services | 4,974 | 187 | 3,966 | 285 | 11 | (D) | (D) | 2,579 | (D) | -1 | 2 | (D) | (D) | 216 | 63 |
| Motion pictures, including television tape and film | 1,274 | (D) | -67 | (*) | (*) | 3 | 5 | 102 | 20 | 0 | 0 | (D) | (D) | (D) | 2 |
| Engineering, architectural, and surveying services | 1,757 | 94 | 1,601 | 332 | 272 | 27 | (D) | 441 | (*) | 0 | -1 | 60 | 0 | 60 | 4 |
| Accounting, research, management, and related services | 480 | 14 | 364 | 108 | 28 | 8 | 36 | 179 | -13 | 3 | 0 | 112 | (*) | 107 | 0 |
| Health services | 1,259 | (D) | (D) | 0 | (D) | 0 | (D) | (D) | 0 | 0 | 0 | (D) | -1 | (D) | 0 |
| Other services | 1,949 | 180 | (D) | (D) | -1 | 4 | 9 | (D) | 16 | 0 | (D) | (D) | 24 | 140 | (D) |
| Other industries | 20,756 | (D) | 9,945 | 1,019 | 2,067 | (D) | (D) | 3,825 | 328 | (D) | (D) | 5,598 | 3,550 | 1,486 | (D) |
| Agriculture, forestry, and fishing | 837 | (D) | 379 | 53 | 67 | 49 | 47 | 104 | (D) | (D) | 27 | 187 | 0 | 155 | 0 |
| Mining | 4,626 | 950 | 3,290 | 49 | (D) | 390 | 1 | 1,386 | (*) | 2 | 42 | 343 | 48 | 294 | (*) |
| Coal | 1,628 | 32 | 1,548 | 2 | (D) | (D) | 1 | 174 | 0 | (*) | 42 | 7 | 1 | 6 | 0 |
| Other | 2,998 | 918 | 1,742 | 47 | -4 | (D) | 0 | 1,211 | (*) | 2 | 0 | 336 | 48 | 288 | (*) |
| Construction | 3,948 | (D) | 2,404 | 503 | (D) | 37 | 31 | 1,024 | 13 | 1 | (D) | 867 | 37 | 393 | (D) |
| Transportation | 9,294 | 2,287 | 2,827 | 110 | 119 | (D) | (D) | 612 | 73 | 4 | (D) | 4,007 | 3,416 | 499 | (D) |
| Communication and public utilities | 2,051 | (D) | 1,045 | 304 | 1 | 0 | 31 | 698 | (D) | 0 | 1 | 194 | 49 | 145 | 0 |

Table 14.—Gross Product of U.S. Affiliates, Industry by Component, 1990 and 1991

[Millions of dollars]

| | 1990 ^a | | | | | | 1991 ^b | | | | | |
|--|-------------------|-----------------------|--------------------|-------------------|-------------------------|--------------------------------|-------------------|-----------------------|--------------------|-------------------|-------------------------|--------------------------------|
| | Total | Employee compensation | Profit-type return | Net interest paid | Indirect business taxes | Capital consumption adjustment | Total | Employee compensation | Profit-type return | Net interest paid | Indirect business taxes | Capital consumption adjustment |
| All industries | 243,227 | 163,592 | -346 | 23,328 | 25,324 | 31,330 | 258,370 | 173,911 | -2,839 | 24,882 | 28,029 | 34,386 |
| Petroleum | 26,712 | 6,457 | 5,492 | 1,700 | 8,612 | 4,451 | 25,166 | 6,753 | 2,531 | 1,676 | 9,833 | 4,372 |
| Petroleum and coal products manufacturing | 20,461 | 4,481 | 4,253 | 1,165 | 7,026 | 3,536 | 18,315 | 4,527 | 1,728 | 1,093 | 7,749 | 3,217 |
| Other | 6,252 | 1,976 | 1,239 | 535 | 1,587 | 915 | 6,851 | 2,225 | 803 | 583 | 2,084 | 1,155 |
| Manufacturing | 119,704 | 88,730 | 346 | 10,015 | 6,327 | 14,286 | 124,222 | 91,884 | -141 | 10,301 | 6,540 | 15,638 |
| Food and kindred products | 10,944 | 7,290 | -351 | 1,195 | 1,689 | 1,121 | 11,965 | 7,512 | 225 | 1,263 | 1,723 | 1,242 |
| Beverages | 3,452 | 2,046 | -292 | 484 | 879 | 336 | 3,655 | 2,133 | -208 | 524 | 857 | 349 |
| Other | 7,493 | 5,244 | -58 | 711 | 811 | 785 | 8,310 | 5,380 | 432 | 739 | 866 | 893 |
| Chemicals and allied products | 37,387 | 23,817 | 4,481 | 2,595 | 1,535 | 4,959 | 37,986 | 24,501 | 4,036 | 2,392 | 1,695 | 5,362 |
| Industrial chemicals and synthetics | 22,369 | 14,062 | 1,646 | 1,646 | 1,235 | 3,780 | 21,402 | 13,799 | 873 | 1,421 | 1,380 | 3,929 |
| Drugs | 8,934 | 5,427 | 2,285 | 450 | 181 | 592 | 10,063 | 6,038 | 2,657 | 465 | 186 | 717 |
| Soap, cleaners, and toilet goods | 3,537 | 2,513 | 360 | 289 | 50 | 325 | 3,632 | 2,671 | 258 | 276 | 56 | 370 |
| Other | 2,547 | 1,815 | 191 | 210 | 69 | 262 | 2,889 | 1,993 | 249 | 230 | 72 | 345 |
| Primary and fabricated metals | 14,623 | 11,157 | 393 | 1,130 | 522 | 1,422 | 14,751 | 11,747 | -553 | 1,256 | 476 | 1,823 |
| Primary metal industries | 8,319 | 6,272 | 395 | 407 | 309 | 937 | 8,338 | 6,785 | -542 | 490 | 339 | 1,264 |
| Ferrous | 4,566 | 3,637 | 47 | 216 | 204 | 462 | 4,832 | 4,182 | -593 | 277 | 233 | 734 |
| Nonferrous | 3,753 | 2,634 | 348 | 191 | 104 | 475 | 3,506 | 2,604 | 51 | 214 | 106 | 531 |
| Fabricated metal products | 6,304 | 4,885 | -2 | 723 | 214 | 484 | 6,413 | 4,962 | -11 | 766 | 137 | 559 |
| Machinery | 23,219 | 20,965 | -2,824 | 1,258 | 888 | 2,932 | 24,277 | 21,309 | -1,909 | 1,282 | 873 | 2,722 |
| Machinery, except electrical | 10,130 | 9,009 | -1,296 | 630 | 479 | 1,309 | 9,992 | 9,069 | -1,292 | 632 | 441 | 1,142 |
| Office and computing machines | 3,189 | 3,005 | -942 | 214 | 231 | 682 | 2,978 | 2,999 | -909 | 206 | 209 | 473 |
| Other | 6,941 | 6,004 | -354 | 416 | 248 | 627 | 7,014 | 6,070 | -383 | 426 | 232 | 669 |
| Electric and electronic equipment | 13,089 | 11,956 | -1,528 | 628 | 410 | 1,624 | 14,285 | 12,239 | -617 | 625 | 433 | 1,580 |
| Audio, video, and communications equipment | 4,766 | 4,068 | -211 | 215 | 172 | 522 | 5,073 | 3,924 | 230 | 205 | 187 | 528 |
| Electronic components and accessories | 2,274 | 2,282 | -680 | 88 | 119 | 485 | 1,783 | 1,778 | -458 | 84 | 80 | 298 |
| Other | 6,048 | 5,625 | -637 | 326 | 118 | 616 | 7,429 | 6,537 | -389 | 361 | 166 | 754 |
| Other manufacturing | 33,530 | 25,502 | -1,353 | 3,837 | 1,692 | 3,852 | 35,243 | 26,815 | -1,940 | 4,107 | 1,772 | 4,489 |
| Textile products and apparel | 2,046 | 1,449 | -38 | 311 | 55 | 268 | 2,352 | 1,595 | 39 | 369 | 66 | 284 |
| Lumber, wood, furniture, and fixtures | 879 | 579 | 101 | 99 | 27 | 73 | 810 | 620 | -38 | 111 | 25 | 92 |
| Paper and allied products | 3,189 | 1,955 | 217 | 535 | 92 | 390 | 3,353 | 2,159 | 68 | 545 | 100 | 481 |
| Printing and publishing | 5,462 | 4,391 | -169 | 727 | 88 | 445 | 5,445 | 4,377 | -239 | 739 | 63 | 485 |
| Newspapers | 1,140 | 744 | 170 | 140 | 7 | 79 | 965 | 762 | (P) | (P) | (P) | (P) |
| Other | 4,321 | 3,647 | -359 | 587 | 80 | 366 | 4,480 | 3,615 | (P) | (P) | (P) | (P) |
| Rubber products | 3,976 | 3,487 | -504 | 338 | 249 | 406 | 3,294 | 3,285 | -917 | 258 | 211 | 457 |
| Miscellaneous plastics products | 1,225 | 926 | -21 | 117 | 40 | 163 | 1,378 | 1,164 | (P) | 123 | (P) | 231 |
| Stone, clay, and glass products | 5,958 | 4,762 | -819 | 787 | 232 | 996 | 5,712 | 4,561 | -948 | 864 | 217 | 1,018 |
| Transportation equipment | 3,849 | 3,330 | -547 | 161 | 250 | 655 | 4,413 | 3,636 | -567 | 246 | 262 | 835 |
| Motor vehicles and equipment | 2,645 | 2,179 | -396 | 80 | 219 | 562 | 3,094 | 2,373 | -367 | 142 | 225 | 721 |
| Other transportation equipment | 1,205 | 1,151 | -151 | 81 | 31 | 93 | 1,318 | 1,263 | -199 | 104 | 37 | 113 |
| Instruments and related products | 4,319 | 3,210 | (P) | 463 | (P) | 309 | 5,965 | 4,276 | 523 | 576 | 141 | 450 |
| Other | 2,628 | 1,413 | (P) | 299 | (P) | 147 | 2,520 | 1,141 | (P) | 276 | (P) | 156 |
| Wholesale trade | 24,392 | 15,795 | -196 | 1,098 | 4,691 | 3,004 | 26,354 | 17,397 | -285 | 1,138 | 4,342 | 3,762 |
| Motor vehicles and equipment | 6,451 | 3,215 | 81 | 175 | 1,786 | 1,194 | 7,257 | 3,522 | 203 | 289 | 1,653 | 1,589 |
| Professional and commercial equipment and supplies | 1,873 | 1,459 | -77 | 63 | 257 | 172 | 2,174 | 1,735 | -90 | 64 | 229 | 236 |
| Metals and minerals, except petroleum | 1,729 | 1,187 | 9 | 98 | 281 | 155 | 1,689 | 1,239 | -41 | 51 | 261 | 179 |
| Electrical goods | 4,154 | 2,985 | -314 | 123 | 792 | 568 | 4,541 | 3,689 | -463 | 26 | 669 | 620 |
| Machinery, equipment, and supplies | 1,873 | 1,517 | -245 | 72 | 389 | 140 | 1,944 | 1,447 | -78 | 60 | 375 | 140 |
| Other durable goods | 2,063 | 1,437 | 151 | 7 | 305 | 163 | 2,458 | 1,623 | 135 | 29 | 382 | 289 |
| Groceries and related products | 1,596 | 1,185 | 25 | 129 | 112 | 145 | 1,680 | 1,214 | 77 | 141 | 119 | 130 |
| Farm-product raw materials | 966 | 570 | -21 | 197 | 103 | 96 | 1,091 | 644 | 27 | 214 | 102 | 104 |
| Other nondurable goods | 3,687 | 2,240 | 175 | 234 | 666 | 371 | 3,520 | 2,283 | -53 | 263 | 552 | 475 |
| Retail trade | 17,130 | 12,500 | -750 | 2,139 | 1,699 | 1,541 | 20,450 | 13,825 | 127 | 2,102 | 2,545 | 1,851 |
| General merchandise stores | 3,476 | 2,831 | -1,059 | 1,198 | 148 | 358 | 4,098 | 2,787 | -256 | 1,068 | 152 | 347 |
| Food stores | 7,092 | 4,816 | 747 | 279 | 659 | 590 | 9,601 | 5,970 | 966 | 401 | 1,430 | 834 |
| Apparel and accessory stores | 1,880 | 1,426 | -323 | 241 | 335 | 201 | 2,011 | 1,480 | -311 | 229 | 390 | 223 |
| Other | 4,682 | 3,427 | -115 | 421 | 557 | 393 | 4,740 | 3,588 | -273 | 404 | 573 | 448 |
| Finance, except banking | 5,014 | 4,821 | -670 | 493 | 79 | 290 | 6,877 | 5,325 | 194 | 904 | 88 | 366 |
| Insurance | 9,545 | 5,232 | 2,297 | 624 | 996 | 395 | 11,889 | 6,925 | 1,446 | 1,539 | 1,200 | 780 |
| Real estate | 6,349 | 1,416 | -1,927 | 3,533 | 1,394 | 1,933 | 5,834 | 1,378 | -2,770 | 3,518 | 1,526 | 2,182 |
| Services | 16,690 | 13,799 | -2,141 | 1,718 | 696 | 2,618 | 16,820 | 14,853 | -3,115 | 1,655 | 884 | 2,544 |
| Hotels and other lodging places | 2,456 | 1,885 | -1,020 | 706 | 322 | 562 | 2,875 | 2,320 | -1,360 | 742 | 445 | 728 |
| Business services | 7,341 | 6,278 | -16 | 198 | 154 | 728 | 7,227 | 6,315 | -224 | 236 | 163 | 736 |
| Computer and data processing services | 2,284 | 1,897 | 45 | 30 | 73 | 440 | 2,253 | 1,705 | 133 | 35 | 42 | 339 |
| Other business services | 5,058 | 4,581 | -60 | 168 | 81 | 289 | 4,974 | 4,610 | -356 | 201 | 121 | 398 |
| Motion pictures, including television tape and film | 1,905 | 1,698 | -962 | 521 | 46 | 602 | 1,274 | 1,692 | -1,213 | 404 | 78 | 313 |
| Engineering, architectural, and surveying services | 1,568 | 1,373 | 70 | 28 | 24 | 73 | 1,757 | 1,658 | -46 | 34 | 20 | 90 |
| Accounting, research, management, and related services | 434 | 415 | -49 | 16 | 12 | 41 | 480 | 493 | -84 | 15 | 14 | 42 |
| Health services | 1,025 | 905 | 43 | 16 | 14 | 47 | 1,259 | 1,129 | 39 | 18 | 19 | 55 |
| Other services | 1,961 | 1,246 | -207 | 234 | 123 | 565 | 1,949 | 1,247 | -228 | 206 | 145 | 579 |
| Other industries | 17,690 | 14,842 | -2,797 | 2,007 | 828 | 2,811 | 20,756 | 15,572 | -825 | 2,048 | 1,071 | 2,891 |
| Agriculture, forestry, and fishing | 843 | 401 | 119 | 136 | 46 | 142 | 837 | 447 | 32 | 151 | 50 | 157 |
| Mining | 3,459 | 1,523 | 798 | 181 | 254 | 703 | 4,626 | 2,154 | 1,068 | 175 | 426 | 804 |
| Coal | 522 | 317 | 44 | 2 | 78 | 81 | 1,628 | 906 | 241 | 77 | 230 | 175 |
| Other | 2,938 | 1,206 | 754 | 179 | 176 | 622 | 2,998 | 1,249 | 827 | 98 | 196 | 629 |
| Construction | 4,061 | 3,664 | -194 | 197 | 101 | 292 | 3,948 | 3,583 | -207 | 152 | 108 | 313 |
| Transportation | 7,359 | 8,119 | -3,222 | 769 | 364 | 1,329 | 9,294 | 8,128 | -1,271 | 824 | 414 | 1,198 |
| Communication and public utilities | 1,968 | 1,135 | -298 | 723 | 63 | 346 | 2,051 | 1,260 | -447 | 746 | 73 | 419 |

^a Revised.^b Preliminary.^c Suppressed to avoid disclosure of data of individual companies.

Table 15.1.—Employment by Nonbank U.S. Affiliates, State by Country of Ultimate Beneficial Owner, 1990
 [Thousands of employees]

| | All countries | Canada | Europe | | | | | | Latin America and Other Western Hemisphere | Africa | Middle East | Asia and Pacific | | | United States |
|-------------------------------|----------------|--------------|----------------|--------------|--------------|--------------|--------------|----------------|--|-------------|-------------|------------------|--------------|--------------|---------------|
| | | | Total | Of which: | | | | | | | | Total | Of which: | | |
| | | | | France | Germany | Netherlands | Switzerland | United Kingdom | | | | | Australia | Japan | |
| Total | 4,734.5 | 739.1 | 2,894.6 | 338.9 | 516.2 | 286.5 | 273.6 | 1,050.9 | 134.5 | 17.1 | 25.3 | 890.6 | 166.2 | 629.2 | 33.1 |
| New England: | | | | | | | | | | | | | | | |
| Connecticut | 75.9 | 7.4 | 61.0 | 6.9 | 12.5 | 11.4 | 8.0 | 17.2 | 1.1 | (*) | .3 | 5.9 | 1.2 | 4.4 | .3 |
| Maine | 26.6 | 12.4 | 11.9 | .9 | 1.0 | 1.5 | .9 | 5.7 | (D) | 0 | (*) | 1.1 | .4 | .7 | (D) |
| Massachusetts | 131.2 | 22.5 | 84.4 | 13.7 | 13.9 | 3.1 | 4.8 | 38.9 | 3.7 | .4 | 2.2 | 17.2 | 3.7 | 12.9 | .7 |
| New Hampshire | 25.9 | (P) | 15.7 | 1.2 | 3.4 | 1.1 | 1.0 | 8.1 | .6 | (*) | (*) | 2.0 | .1 | 1.8 | (D) |
| Rhode Island | 13.3 | 1.1 | 11.3 | .4 | 1.8 | .8 | .6 | 6.3 | .1 | (*) | (*) | .7 | (*) | .6 | (*) |
| Vermont | 7.7 | 2.8 | 3.8 | .5 | 1.0 | .3 | 1.1 | .5 | .2 | 0 | 0 | 1.0 | (*) | .9 | .1 |
| Mideast: | | | | | | | | | | | | | | | |
| Delaware | 43.1 | (P) | 10.8 | 1.1 | 1.5 | .5 | .5 | 5.9 | .2 | (*) | .9 | 2.2 | .1 | 1.4 | (D) |
| District of Columbia | 11.4 | 1.9 | 6.4 | .4 | .5 | .7 | .7 | 3.4 | .3 | (*) | (*) | 2.6 | .3 | 2.3 | (*) |
| Maryland | 79.6 | 18.5 | 52.3 | 7.8 | 8.0 | 7.3 | 6.0 | 17.0 | 1.9 | (*) | .4 | 6.1 | 1.9 | 3.7 | .5 |
| New Jersey | 227.0 | 28.6 | 154.0 | 15.3 | 31.1 | 15.0 | 27.9 | 43.5 | 4.0 | (D) | .3 | 36.4 | 3.1 | 28.7 | (D) |
| New York | 347.5 | 57.6 | 210.4 | 20.5 | 37.8 | 17.1 | 22.9 | 89.3 | 6.6 | .4 | 1.7 | 62.7 | 13.5 | 41.9 | 8.2 |
| Pennsylvania | 221.6 | 28.6 | 164.9 | 24.0 | 29.3 | 20.6 | 7.1 | 66.7 | 6.0 | .4 | 1.3 | 19.7 | 5.8 | 13.1 | .6 |
| Great Lakes: | | | | | | | | | | | | | | | |
| Illinois | 245.8 | 29.8 | 156.0 | 12.4 | 24.2 | 11.1 | 26.3 | 61.7 | 5.8 | .4 | .6 | 51.3 | 5.6 | 43.3 | 1.9 |
| Indiana | 126.9 | 16.0 | 69.4 | 15.8 | 12.6 | 9.0 | 4.5 | 20.5 | 2.2 | .3 | .2 | 38.8 | 1.5 | 29.2 | .1 |
| Michigan | 139.6 | 21.7 | 77.1 | 11.2 | 23.4 | 4.4 | 3.3 | 25.0 | 3.6 | .5 | .1 | 36.2 | 11.6 | 23.4 | .5 |
| Ohio | 219.1 | 28.3 | 131.2 | 15.8 | 16.9 | 13.3 | 14.9 | 51.1 | 9.6 | 1.1 | .2 | 48.5 | 6.0 | 40.1 | .3 |
| Wisconsin | 81.4 | 13.2 | 60.9 | 6.5 | 14.9 | 8.6 | 8.9 | 15.4 | .6 | .1 | (*) | 6.5 | 3.0 | 3.1 | (*) |
| Plains: | | | | | | | | | | | | | | | |
| Iowa | 32.8 | 6.0 | 21.7 | 1.7 | 4.0 | 4.0 | 1.5 | 5.9 | .2 | .5 | (*) | 4.2 | .1 | 3.2 | .3 |
| Kansas | 29.6 | 6.9 | 18.5 | 2.5 | 2.0 | 1.5 | 2.6 | 7.2 | .4 | .2 | .1 | 3.5 | .6 | 2.1 | .1 |
| Minnesota | 89.8 | 10.0 | 54.5 | 3.6 | 12.0 | 5.4 | 6.4 | 21.5 | .8 | .1 | (D) | 23.9 | (D) | 4.6 | (D) |
| Missouri | 73.7 | 17.3 | 47.1 | 5.8 | 6.4 | 4.4 | 6.1 | 16.1 | 1.3 | (*) | .4 | 6.8 | (D) | 4.5 | .7 |
| Nebraska | 14.9 | 1.7 | 10.9 | 1.1 | 2.4 | 1.2 | 1.2 | 4.6 | .3 | .1 | (*) | 1.8 | .5 | 1.1 | .1 |
| North Dakota | 3.1 | 1.0 | 1.6 | .2 | .3 | .2 | .1 | .7 | .1 | .1 | (*) | .2 | .1 | .1 | (*) |
| South Dakota | 4.5 | 1.1 | 2.9 | .2 | .2 | .7 | .1 | 1.6 | .1 | (*) | (*) | .5 | .1 | .4 | 0 |
| Southeast: | | | | | | | | | | | | | | | |
| Alabama | 55.7 | 8.1 | 34.8 | 10.9 | 4.1 | 1.1 | 3.5 | 10.8 | 1.9 | .4 | .4 | 10.0 | 2.2 | 7.3 | .1 |
| Arkansas | 29.2 | 5.2 | 15.9 | 3.2 | .7 | 2.1 | 1.7 | 5.5 | 1.0 | .2 | (*) | 6.8 | 1.0 | 5.4 | .5 |
| Florida | 205.7 | 40.7 | 125.1 | 14.2 | 17.4 | 10.8 | 7.6 | 47.8 | 12.0 | .3 | 2.0 | 25.2 | 6.4 | 15.7 | .1 |
| Georgia | 161.0 | 30.2 | 96.0 | 12.2 | 13.8 | 10.5 | 8.8 | 35.2 | 2.5 | 2.4 | 1.8 | 27.1 | 5.2 | 18.8 | 1.0 |
| Kentucky | 65.7 | 11.4 | 33.6 | 4.7 | 7.9 | 2.6 | 1.0 | 14.4 | 1.0 | .4 | .8 | 18.5 | 1.5 | 16.3 | .1 |
| Louisiana | 61.4 | 10.4 | 38.1 | 3.8 | 6.5 | 7.5 | 2.6 | 14.0 | 7.7 | .1 | .7 | 4.1 | 1.0 | 2.2 | .3 |
| Mississippi | 23.6 | 4.7 | 13.6 | 2.0 | 1.5 | 1.0 | 2.5 | 4.6 | 1.9 | .2 | (*) | 3.1 | 1.0 | 1.9 | .1 |
| North Carolina | 181.0 | 29.5 | 133.4 | 11.6 | 31.3 | 5.5 | 8.7 | 43.2 | 1.4 | .2 | .7 | 14.8 | 1.0 | 11.7 | 1.1 |
| South Carolina | 104.7 | 9.6 | 77.2 | 13.1 | 16.7 | 12.9 | 4.8 | 17.4 | 2.8 | .3 | .8 | 13.4 | .6 | 11.3 | .6 |
| Tennessee | 116.9 | 19.1 | 74.4 | 10.4 | 8.7 | 7.7 | 6.9 | 28.1 | 1.3 | .4 | .4 | 21.5 | 3.7 | 15.6 | .1 |
| Virginia | 113.3 | 18.3 | 80.2 | 6.4 | 14.5 | 4.3 | 4.8 | 29.3 | 5.0 | .3 | .5 | 8.9 | 1.1 | 7.0 | .3 |
| West Virginia | 34.9 | 13.0 | 19.8 | 2.0 | 3.7 | 2.0 | 2.3 | 8.1 | .4 | (*) | .2 | 1.4 | .3 | 1.2 | (*) |
| Southwest: | | | | | | | | | | | | | | | |
| Arizona | 57.1 | 10.9 | 24.0 | 4.4 | 2.5 | 2.2 | 1.6 | 9.6 | 1.7 | .1 | (D) | 18.6 | 12.9 | 4.4 | (D) |
| New Mexico | 17.4 | 2.7 | 11.0 | 1.0 | 5.5 | 1.2 | .2 | 2.5 | .6 | (*) | 0 | 3.0 | 1.4 | 1.5 | .1 |
| Oklahoma | 43.6 | 9.7 | 25.4 | 5.0 | 2.2 | 1.5 | .8 | 12.0 | 2.9 | .2 | .2 | 4.9 | .4 | 4.0 | .5 |
| Texas | 299.5 | 40.7 | 197.5 | 23.3 | 35.5 | 23.8 | 16.3 | 63.9 | 13.6 | 2.1 | 4.8 | 39.3 | 10.2 | 21.9 | 1.5 |
| Rocky Mountains: | | | | | | | | | | | | | | | |
| Colorado | 56.3 | 7.5 | 38.3 | 3.2 | 5.4 | 2.7 | 3.9 | 12.0 | 1.1 | (*) | .5 | 8.1 | 1.6 | 5.6 | .7 |
| Idaho | 11.7 | 1.5 | 8.3 | .4 | (D) | .2 | (D) | 2.6 | .1 | (*) | (*) | 1.8 | .6 | (D) | (*) |
| Montana | 5.1 | 1.5 | 2.6 | .4 | (D) | .2 | .3 | 1.1 | (*) | (*) | (*) | .9 | .8 | .1 | (*) |
| Utah | 21.0 | 2.2 | 16.9 | .7 | 4.3 | 2.0 | 1.3 | 6.5 | .2 | .2 | (*) | 1.5 | .3 | .4 | 0 |
| Wyoming | 5.8 | .9 | 4.3 | 1.3 | .7 | .3 | (D) | 2.0 | .2 | (*) | 0 | .4 | (*) | .3 | 0 |
| Far West: | | | | | | | | | | | | | | | |
| California | 555.9 | 63.6 | 290.2 | 28.7 | 46.1 | 30.5 | 26.4 | 112.5 | 17.7 | 1.3 | 1.1 | 178.4 | 21.9 | 134.3 | 3.7 |
| Nevada | 22.7 | 4.7 | 10.6 | .7 | 2.7 | 3.3 | .5 | 2.6 | .2 | .8 | (*) | 6.5 | 2.0 | 4.3 | (*) |
| Oregon | 39.1 | 4.9 | 21.6 | 1.0 | 8.3 | 1.0 | 1.5 | 6.6 | .4 | .2 | (*) | 11.8 | 1.8 | 8.5 | .1 |
| Washington | 77.5 | 15.0 | 38.8 | 2.5 | 9.2 | 4.3 | 4.3 | 14.5 | (D) | (D) | (*) | 20.4 | 5.2 | 12.2 | 1.2 |
| Alaska | 13.2 | 1.5 | 3.7 | .1 | .2 | .4 | .2 | 2.7 | .4 | (*) | (*) | 6.9 | .7 | 6.0 | .7 |
| Hawaii | 53.0 | .7 | 6.2 | .9 | .2 | .8 | .5 | 1.7 | 3.6 | 0 | 0 | 42.3 | 2.7 | 36.0 | .3 |
| Puerto Rico | 16.1 | 1.5 | 11.2 | .5 | 1.4 | .8 | 1.8 | 4.7 | .4 | 0 | 0 | 2.8 | .1 | 2.7 | .2 |
| Other U.S. areas ¹ | 9.0 | .2 | 1.5 | .3 | (*) | 0 | .4 | .7 | .7 | .2 | (*) | 6.3 | (*) | 1.6 | (*) |
| Foreign ² | 5.0 | .8 | 1.7 | .4 | .1 | .2 | .2 | .5 | .1 | 0 | (*) | 2.4 | (*) | (D) | (*) |

^D Suppressed to avoid disclosure of data of individual companies.

* Less than 50 employees.
 1. See footnote 3 to table 5.

2. See footnote 4 to table 5.

NOTE.—Estimates for 1990 are revised.

Table 15.2.—Employment of Affiliates, State by Country of Ultimate Beneficial Owner, 1991
 [Thousands of employees]

| | All countries | Canada | Europe | | | | | | Latin America and Other Western Hemisphere | Africa | Middle East | Asia and Pacific | | | United States |
|-------------------------------------|----------------|--------------|----------------|--------------|--------------|--------------|--------------|----------------|--|-------------|-------------|------------------|--------------|--------------|---------------|
| | | | Total | Of which: | | | | | | | | Total | Of which: | | |
| | | | | France | Germany | Netherlands | Switzerland | United Kingdom | | | | | Australia | Japan | |
| Total | 4,809.2 | 717.7 | 2,943.6 | 363.7 | 518.6 | 292.5 | 276.1 | 1,060.8 | 131.0 | 15.0 | 27.2 | 942.7 | 154.4 | 706.5 | 32.1 |
| New England: | | | | | | | | | | | | | | | |
| Connecticut | 79.7 | 6.9 | 65.2 | 7.7 | 14.0 | 13.2 | 7.6 | 17.5 | 1.2 | (*) | .2 | 6.1 | 1.3 | 4.6 | .2 |
| Maine | 26.6 | 12.5 | 11.6 | 1.0 | .9 | 1.5 | .8 | 5.5 | (*) | (*) | .2 | 1.3 | .4 | (*) | (*) |
| Massachusetts | 129.2 | 21.6 | 82.2 | 13.0 | 13.1 | 2.9 | 4.7 | 38.7 | 3.6 | .3 | 2.2 | 18.6 | 3.6 | 14.0 | .6 |
| New Hampshire | 28.2 | (*) | 16.9 | 1.3 | 3.4 | 1.2 | 1.0 | 8.7 | (*) | (*) | .7 | 2.9 | .8 | 1.9 | (*) |
| Rhode Island | 13.6 | 1.7 | 10.7 | .4 | 1.8 | .7 | .6 | 5.9 | .1 | (*) | (*) | 1.0 | .3 | .6 | (*) |
| Vermont | 7.2 | 2.7 | 3.5 | .3 | .8 | .3 | 1.1 | .6 | .2 | 0 | (*) | .7 | (*) | .7 | .1 |
| Mideast: | | | | | | | | | | | | | | | |
| Delaware | 41.6 | (*) | 9.7 | .4 | 1.3 | .6 | .5 | 5.7 | .2 | 0 | .9 | 1.9 | .1 | 1.4 | (*) |
| District of Columbia | 11.3 | 1.1 | 6.2 | .3 | .4 | .6 | .4 | 3.4 | .3 | (*) | .1 | 3.6 | .3 | 2.4 | (*) |
| Maryland | 76.6 | 14.3 | 49.4 | 7.2 | 7.4 | 7.5 | 5.0 | 15.8 | 2.1 | (*) | .5 | 9.7 | 1.8 | 7.6 | .5 |
| New Jersey | 228.0 | 28.7 | 153.5 | 16.2 | 29.9 | 14.9 | 28.0 | 43.3 | 4.1 | (*) | (*) | 37.6 | 2.2 | 31.1 | 2.3 |
| New York | 361.8 | 56.7 | 232.6 | 29.1 | 41.4 | 25.5 | 21.1 | 87.9 | 5.7 | .4 | 1.7 | 57.1 | 9.1 | 42.9 | 7.7 |
| Pennsylvania | 219.2 | 25.9 | 164.4 | 21.8 | 31.2 | 20.2 | 8.3 | 64.3 | 3.8 | .3 | 2.7 | 21.3 | 6.3 | 14.6 | .8 |
| Great Lakes: | | | | | | | | | | | | | | | |
| Illinois | 248.0 | 28.5 | 155.5 | 13.3 | 26.9 | 11.3 | 25.3 | 59.6 | 5.3 | .4 | .9 | 55.6 | 6.7 | 45.9 | 1.8 |
| Indiana | 123.2 | 16.2 | 71.3 | 15.5 | 13.5 | 8.9 | 4.0 | 22.2 | 1.9 | .3 | .1 | 33.2 | 1.6 | 30.1 | .2 |
| Michigan | 139.2 | 19.7 | 75.8 | 11.2 | 21.9 | 4.0 | 4.3 | 26.1 | 3.3 | .5 | .1 | 39.2 | 11.5 | 27.2 | .4 |
| Ohio | 220.1 | 25.8 | 138.3 | 15.6 | 16.8 | 15.2 | 16.8 | 54.1 | 8.5 | .7 | .3 | 46.2 | 2.2 | 42.3 | .3 |
| Wisconsin | 83.2 | 13.8 | 62.1 | 7.0 | 14.7 | 7.5 | 8.8 | 17.9 | 7 | .1 | (*) | 6.4 | 2.4 | 3.2 | (*) |
| Plains: | | | | | | | | | | | | | | | |
| Iowa | 32.7 | 5.2 | 22.9 | 4.3 | 3.0 | 3.9 | 1.3 | 6.0 | .2 | .5 | (*) | 3.6 | .1 | 3.1 | .4 |
| Kansas | 33.2 | 10.1 | 18.5 | 2.7 | 1.9 | 1.6 | 2.2 | 8.1 | .4 | .2 | (*) | 3.8 | .6 | 2.5 | .1 |
| Minnesota | 93.8 | 10.2 | 56.9 | 3.9 | 12.7 | 5.1 | 6.1 | 23.6 | .8 | .1 | .1 | 24.8 | (*) | 4.6 | .9 |
| Missouri | 77.2 | 17.2 | 49.2 | 6.8 | 6.9 | 5.0 | 6.0 | 17.2 | 1.3 | .1 | .4 | 8.4 | 1.2 | 6.2 | .7 |
| Nebraska | 16.8 | 1.8 | 12.7 | 1.7 | 3.1 | 1.2 | 1.3 | 4.2 | .3 | .1 | (*) | 1.9 | .5 | 1.3 | .1 |
| North Dakota | 3.4 | 1.1 | 1.9 | .3 | .2 | .2 | .1 | 1.0 | .1 | .1 | (*) | .2 | .1 | .1 | (*) |
| South Dakota | 4.9 | 1.2 | 3.3 | .1 | .5 | .7 | .1 | 1.7 | (*) | (*) | 0 | .4 | (*) | .3 | (*) |
| Southeast: | | | | | | | | | | | | | | | |
| Alabama | 62.0 | 8.7 | 40.3 | 13.8 | 4.0 | 1.1 | 3.6 | 12.0 | 2.1 | .4 | .5 | 9.9 | 2.3 | 7.0 | .1 |
| Arkansas | 30.1 | 5.1 | 17.6 | 3.0 | .7 | 2.1 | 1.6 | 6.4 | .5 | .3 | (*) | 6.6 | 1.1 | 5.1 | .1 |
| Florida | 211.3 | 36.0 | 129.9 | 17.0 | 18.9 | 10.1 | 8.2 | 49.0 | 12.0 | .3 | 2.1 | 30.5 | 5.6 | 22.2 | .5 |
| Georgia | 159.9 | 26.6 | 96.8 | 12.7 | 14.3 | 10.6 | 9.0 | 35.6 | 2.8 | 2.3 | 1.8 | 28.7 | 5.8 | 20.3 | .9 |
| Kentucky | 69.6 | 11.3 | 35.8 | 5.6 | 7.3 | 2.5 | 1.1 | 15.2 | 1.2 | .4 | .6 | 20.3 | 1.1 | 18.3 | .1 |
| Louisiana | 61.9 | 10.0 | 37.4 | 3.5 | 6.5 | 7.4 | 2.6 | 13.6 | 8.7 | .1 | .7 | 4.7 | 1.1 | 2.3 | .3 |
| Mississippi | 23.8 | 4.3 | 14.4 | 2.1 | 1.7 | 1.0 | 2.6 | 4.8 | 1.9 | .2 | (*) | 2.7 | .9 | 1.7 | .1 |
| North Carolina | 179.6 | 28.1 | 133.7 | 12.0 | 29.3 | 5.8 | 9.5 | 43.2 | 9.9 | .2 | .6 | 14.4 | 1.5 | 12.1 | 1.7 |
| South Carolina | 105.7 | 8.1 | 81.3 | 13.9 | 17.3 | 14.1 | 4.6 | 17.6 | 2.4 | .3 | .6 | 12.8 | .6 | 11.9 | (*) |
| Tennessee | 119.6 | 18.6 | 75.1 | 11.0 | 7.4 | 7.4 | 7.1 | 27.9 | 1.3 | .1 | .4 | 24.0 | 4.7 | 18.4 | .1 |
| Virginia | 117.6 | 16.8 | 78.5 | 7.9 | 14.2 | 4.6 | 4.8 | 26.6 | 3.9 | .3 | .5 | 17.4 | .9 | 15.8 | .4 |
| West Virginia | 34.7 | 7.5 | 24.1 | 2.1 | 7.6 | 2.1 | 2.6 | 7.9 | .5 | (*) | .2 | 2.5 | .1 | 2.4 | (*) |
| Southwest: | | | | | | | | | | | | | | | |
| Arizona | 56.2 | 11.9 | 23.8 | 3.9 | 3.0 | 2.3 | 1.9 | 9.8 | 1.4 | (*) | (*) | 17.3 | 11.4 | 4.9 | .2 |
| New Mexico | 14.8 | 2.8 | 8.1 | 1.0 | 2.3 | 1.2 | .3 | 2.6 | .5 | (*) | (*) | 3.3 | (*) | 1.8 | (*) |
| Oklahoma | 43.2 | 9.2 | 25.5 | 5.2 | 2.2 | 1.4 | .8 | 11.6 | 2.6 | .2 | .1 | 5.1 | .4 | 4.3 | .5 |
| Texas | 309.5 | 46.1 | 193.3 | 25.4 | 26.5 | 22.1 | 16.5 | 65.1 | 15.1 | 1.2 | (*) | 47.5 | 10.0 | 30.2 | (*) |
| Rocky Mountains: | | | | | | | | | | | | | | | |
| Colorado | 60.9 | 8.5 | 39.5 | 3.6 | 5.6 | 2.7 | 4.0 | 12.7 | 1.1 | (*) | .7 | 10.5 | 1.3 | 8.2 | .6 |
| Idaho | 12.6 | 1.7 | 9.0 | .4 | (*) | .2 | .8 | 2.9 | .1 | (*) | (*) | 1.8 | .5 | (*) | (*) |
| Montana | 5.8 | 1.8 | 2.5 | .4 | .6 | .2 | .2 | 1.0 | (*) | (*) | (*) | 1.4 | .7 | .7 | (*) |
| Utah | 23.4 | 2.5 | 17.3 | .7 | 4.6 | 1.9 | 1.6 | 6.3 | .2 | .2 | (*) | 3.2 | .2 | 2.1 | (*) |
| Wyoming | 5.5 | .8 | 4.1 | 1.3 | .7 | .3 | (*) | 1.6 | .1 | (*) | 0 | .4 | (*) | .4 | (*) |
| Far West: | | | | | | | | | | | | | | | |
| California | 555.0 | 63.1 | 280.9 | 29.9 | 47.0 | 27.5 | 27.2 | 113.2 | 17.9 | .8 | 1.0 | 187.9 | 18.9 | 146.4 | 3.3 |
| Nevada | 24.6 | 5.5 | 10.5 | .7 | 2.9 | 2.9 | .5 | 2.9 | .1 | .9 | (*) | 7.5 | 2.5 | 4.7 | (*) |
| Oregon | 41.9 | 5.2 | 22.2 | 1.1 | 8.7 | .9 | 1.6 | 5.9 | .8 | .3 | (*) | 13.2 | 1.7 | 10.2 | .1 |
| Washington | 81.4 | 15.6 | 41.5 | 2.8 | 11.1 | 4.1 | 4.7 | 14.6 | 1.1 | .5 | (*) | 21.5 | 3.8 | 14.9 | 1.1 |
| Alaska | 13.3 | 1.3 | 3.5 | .1 | .1 | .5 | .2 | 2.6 | .3 | (*) | 0 | 7.6 | .4 | 7.0 | .6 |
| Hawaii | 55.6 | .7 | 6.1 | 1.0 | (*) | .9 | .6 | 1.5 | 4.0 | 0 | 0 | 44.4 | 3.2 | 38.1 | .3 |
| Puerto Rico | 17.5 | 1.6 | 12.3 | .3 | 1.1 | .8 | 1.9 | 6.0 | .4 | 0 | 0 | 2.9 | .1 | 1.6 | .2 |
| Other U.S. areas ¹ | 9.4 | .1 | 1.5 | (*) | (*) | 0 | .4 | .7 | 1.0 | .1 | (*) | 6.6 | 0 | 2.8 | (*) |
| Foreign ² | 4.3 | .9 | 2.7 | .5 | .2 | .2 | .2 | .9 | .1 | (*) | (*) | .5 | .1 | .4 | (*) |

¹ Suppressed to avoid disclosure of data of individual companies.

² Less than 50 employees.

1. See footnote 3 to table 5.

2. See footnote 4 to table 5.

NOTE.—Estimates for 1991 are preliminary.

U.S. Business Enterprises Acquired or Established by Foreign Direct Investors in 1992

By Mahnaz Fahim-Nader and Sylvia E. Bargas

Joseph F. Cherry, III, assisted by Holly N. Buchanan, Laura S. Carlstrom, Erik A. Kasari, Edward J. Kozerka, and Nicole Leiker, conducted the survey from which the data were drawn. Angela Roberts programmed the tables.

OUTLAYS by foreign direct investors to acquire or establish U.S. business enterprises fell 47 percent in 1992, to \$13.5 billion from \$25.5 billion in 1991 (table 1).¹ The drop was the fourth in a row, bringing outlays for new foreign direct investments in the United States to their lowest level since 1983. It contributed to the overall change in capital flows for foreign direct investment in the United States, which, according to preliminary estimates, shifted from a net inflow (or investment) of \$11.5 billion in 1991 to a net outflow (disinvestment) of \$3.9 billion in 1992.² The drop in outlays was considerably steeper than that reported by the Securities Data Company for overall mergers and acquisitions in the United States in 1992.

By industry, declines in outlays were particularly sharp in banking, insurance, retail trade, and machinery manufacturing. Outlays increased

only in "other industries" and "other manufacturing." By country of ultimate beneficial owner (UBO), declines in outlays were largest for France and Japan.³ The only countries with significant increases were Mexico and Venezuela.

The 47-percent decline in outlays in 1992 follows a 61-percent decline in 1991. The declines in both years reflect several factors. First, foreign investors' interest in making additional investments in the United States may have been tempered by the unprofitability of many of their earlier U.S. investments and by sluggish U.S. economic activity in 1991 and most of 1992, both of which may have lowered the projected profitability of new investments. Second, countries that are the largest sources of investment—mainly European countries and Japan—have been slow to emerge from recession. The recessionary conditions have constrained the ability of investors in these countries to finance additional overseas investments and may have made many of them more concerned with rebuilding their balance sheets and improving their capitalization ratios than with launching new ventures overseas. Finally, investment funds may have been attracted away from the United

1. These data are from BEA's annual survey of new foreign direct investments in the United States, which covers (1) existing U.S. business enterprises in which foreign investors acquired, directly or through their U.S. affiliates, at least a 10-percent voting interest, and (2) new U.S. business enterprises established by foreign investors or their U.S. affiliates. Acquisitions of additional equity or voting interests in existing U.S. affiliates are not covered.

The data are limited to U.S. business enterprises that had total assets of over \$1 million or that owned at least 200 acres of U.S. land in the year they were acquired or established. U.S. enterprises that did not meet these criteria were required to file partial reports, primarily for identification purposes, but the data from these reports are not included in the accompanying tables. For 1992, total assets of the U.S. enterprises that filed partial reports were only \$152.2 million, or about 0.5 percent of the total assets of \$30.9 billion of the U.S. enterprises that met the criteria for filing a complete report.

2. For further information on the relationship between the data on investment outlays presented in this article and the estimates of capital flows for foreign direct investment in the United States recorded in the U.S. balance of payments accounts, see footnote 6.

3. The transactions discussed in this article are classified by country of UBO. The UBO is the first person in the ownership chain of the acquired or established U.S. business, beginning with the foreign parent, that is not owned more than 50 percent by another person. The foreign parent is the first foreign person in the ownership chain. The country of UBO is often the same as that of the foreign parent, but it may be a different foreign country or the United States. "Person" is broadly defined to include any individual, corporation, branch, partnership, associated group, association, estate, trust, or other organization and any government (including any corporation, institution, or other entity or instrumentality of a government).

Table 1.—Investment Outlays, Investments, and Investors, 1986–92

| | Outlays (millions of dollars) | | | | | | | Number | | | | | | |
|--------------------------------|-------------------------------|--------|--------|--------|--------|-------------------|-------------------|--------|-------|-------|-------|-------|-------------------|-------------------|
| | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 ^r | 1992 ^p | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 ^r | 1992 ^p |
| Investments, total | 39,177 | 40,310 | 72,692 | 71,163 | 65,932 | 25,538 | 13,469 | 1,040 | 978 | 1,424 | 1,580 | 1,617 | 1,091 | 690 |
| Acquisitions | 31,450 | 33,933 | 64,855 | 59,708 | 55,315 | 17,806 | 10,191 | 555 | 543 | 869 | 837 | 839 | 561 | 360 |
| Establishments | 7,728 | 6,377 | 7,837 | 11,455 | 10,617 | 7,732 | 3,278 | 485 | 435 | 555 | 743 | 778 | 530 | 330 |
| Investors, total | 39,177 | 40,310 | 72,692 | 71,163 | 65,932 | 25,538 | 13,469 | 1,121 | 1,051 | 1,542 | 1,742 | 1,768 | 1,220 | 732 |
| Foreign direct investors | 8,602 | 11,773 | 18,569 | 22,538 | 14,026 | 8,885 | 3,616 | 476 | 480 | 566 | 727 | 670 | 438 | 279 |
| U.S. affiliates | 30,575 | 28,536 | 54,123 | 48,625 | 51,906 | 16,653 | 9,853 | 645 | 571 | 976 | 1,015 | 1,098 | 782 | 453 |

^r Revised.

^p Preliminary.

States by increased economic integration within the European Communities, market-oriented reforms in Eastern Europe, rapid economic growth in East Asia, and an improved investment climate in Latin America.

As in past years, acquisitions accounted for most of total outlays (76 percent) in 1992. However, large investments did not dominate to the same extent as in the past. In 1992, for the first time since 1984, there were no investments of \$1 billion or more. Two investments of \$500 million or more accounted for 7 percent of outlays, and 28 investments of \$100 million or more accounted for 43 percent of outlays. In contrast, in 1991, 2 investments of \$1 billion or more had accounted for 12 percent of outlays, and 47 investments of \$100 million or more had accounted for 59 percent of outlays (tables 2.1 and 2.2).

U.S. affiliates that were newly acquired or established in 1992, nearly all of which were nonbank affiliates, employed 120,000 persons. By comparison, all nonbank U.S. affiliates employed 4.8 million persons in 1991, the latest year for which such data are available. Total nonbank affiliate employment, in turn, accounted for 5.2 percent of total employment by all nonbank U.S. businesses.⁴

Newly acquired or established affiliates had total assets of \$30.9 billion in 1992, of which \$28.7

billion was held by nonbank affiliates. By comparison, total assets of all nonbank U.S. affiliates at yearend 1991 were \$1,743.8 billion. Comparable all-U.S.-business data on assets are available only for manufacturing. In that industry, total assets of newly established or acquired affiliates were \$7.6 billion in 1992; by comparison, total assets of all manufacturing affiliates were \$516.7 billion in 1991, or 19.2 percent of the U.S. total.

The estimates for 1992 are preliminary and will be revised next year. Estimated outlays for 1991 have been revised up from \$22.6 billion to \$25.5 billion, and the estimated number of investments was revised up from 971 to 1,091 (tables 1 and 2.1). The largest revisions in outlays were in real estate (\$0.9 billion), food and kindred products (\$0.5 billion), and primary and fabricated metals (\$0.4 billion).

The remainder of this article consists of two parts. The first part discusses investment transactions by industry, by country, and by source of funding; the second part presents selected data on the operations of the U.S. businesses acquired or established. In the analysis, information from outside sources, mainly press reports, has been used to supplement BEA's survey data.

Investment Transactions

In 1992, outlays resulting from acquisitions of existing U.S. businesses (\$10.2 billion) were three times as large as those resulting from the establishment of new U.S. businesses (\$3.3 billion) (table 3). Most of the outlays were made by existing U.S. affiliates (\$9.9 billion) rather than by the foreign direct investors themselves (\$3.6 billion); however, some of the outlays made by existing U.S. affiliates were financed with funds provided by foreign parents or other members of the foreign parent groups.⁵ (Transactions by source of funding are discussed in more detail later in the article.)

By industry

By industry of the U.S. businesses acquired or established, outlays in manufacturing, at \$5.3 billion, were the largest (table 4). Within manufacturing, outlays were largest in "other manufacturing," chemicals and allied products, and primary and fabricated metals.

In "other manufacturing," outlays were \$1.8 billion. Five transactions accounted for nearly

4. The data for all U.S. businesses and for all nonbank U.S. affiliates cited here and in the following paragraph are from "U.S. Affiliates of Foreign Companies: Operations in 1991" elsewhere in this issue.

Table 2.1.—Number of Investments by Size of Outlays, 1986–92

| | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 ^r | 1992 ^p |
|----------------------------------|-------|------|-------|-------|-------|-------------------|-------------------|
| Total | 1,040 | 978 | 1,424 | 1,580 | 1,617 | 1,091 | 690 |
| \$2 billion or more | 2 | 1 | 5 | 4 | 5 | 1 | 0 |
| \$1 billion–\$1.9 billion .. | 3 | 5 | 7 | 6 | 6 | 1 | 0 |
| \$100 million–\$99 million | 63 | 70 | 98 | 110 | 74 | 45 | 28 |
| \$10 million–\$99 million | 324 | 291 | 429 | 483 | 499 | 273 | 201 |
| Less than \$10 million .. | 648 | 611 | 885 | 977 | 1,033 | 771 | 461 |

^r Revised.

^p Preliminary.

Table 2.2.—Percent Change in Investment Outlays and Number of Investments, 1987–92

| | 1987 | 1988 | 1989 | 1990 | 1991 ^r | 1992 ^p |
|--|------|------|------|------|-------------------|-------------------|
| Investment outlays | 3 | 80 | -2 | -7 | -61 | -47 |
| Number of investments | -6 | 46 | 11 | 2 | -33 | -37 |
| Addenda: | | | | | | |
| Percent of total outlays accounted for by: | | | | | | |
| investments of \$1 billion or more | 23 | 40 | 36 | 40 | 12 | 0 |
| investments of \$100 million or more | 72 | 78 | 74 | 73 | 59 | 43 |

^r Revised.

^p Preliminary.

5. Foreign parent groups consist of the foreign parents and their foreign (non-U.S.) affiliates.

Table 3.—Investment Outlays by Type of Investment and Investor, by Industry of U.S. Business Enterprise, 1991–92

(Millions of dollars)

| | 1991 ^r | | | | | 1992 ^r | | | | |
|--|-------------------|-----------------------|------------------|--------------------------|------------------|-------------------|-----------------------|------------------|--------------------------|------------------|
| | Total | By type of investment | | By type of investor | | Total | By type of investment | | By type of investor | |
| | | Acquisitions | Establishments | Foreign direct investors | U.S. affiliates | | Acquisitions | Establishments | Foreign direct investors | U.S. affiliates |
| All industries | 25,538 | 17,806 | 7,732 | 8,885 | 16,653 | 13,469 | 10,191 | 3,278 | 3,616 | 9,853 |
| Petroleum | 702 | 404 | 298 | 21 | 681 | 484 | 466 | 18 | 4 | 480 |
| Petroleum and coal products manufacturing | (^D) | (^D) | 0 | 0 | (^D) | ([*]) | ([*]) | 0 | ([*]) | 0 |
| Other | (^D) | (^D) | 298 | 21 | (^D) | 483 | 465 | 18 | 3 | 480 |
| Manufacturing | 11,461 | 9,669 | 1,792 | 4,530 | 6,930 | 5,274 | 4,413 | 861 | 1,708 | 3,566 |
| Food and kindred products | 1,247 | 1,221 | 26 | 278 | 969 | 383 | 286 | 97 | 6 | 377 |
| Beverages | 312 | 294 | 19 | 12 | 301 | 13 | 3 | 10 | 1 | 12 |
| Other | 935 | 927 | 8 | 267 | 668 | 370 | 283 | 87 | 5 | 365 |
| Chemicals and allied products | 2,897 | 1,660 | 1,236 | 929 | 1,968 | 1,671 | 1,573 | 97 | (^D) | (^D) |
| Industrial chemicals and synthetics | (^D) | (^D) | 2 | (^D) | 63 | 527 | 441 | 86 | ([*]) | 526 |
| Drugs | 1,389 | 401 | 988 | (^D) | (^D) | 204 | 204 | 0 | 0 | 204 |
| Soap, cleaners, and toilet goods | (^D) | (^D) | 0 | 0 | (^D) | (^D) | (^D) | 0 | (^D) | 28 |
| Other | 416 | 170 | 246 | 9 | 407 | (^D) | (^D) | 11 | 4 | (^D) |
| Primary and fabricated metals | 797 | 677 | 121 | 117 | 680 | 744 | 623 | 121 | (^D) | (^D) |
| Primary metal industries | 142 | 106 | 36 | 47 | 95 | 610 | 508 | 101 | (^D) | (^D) |
| Ferrous | 142 | 106 | 36 | 47 | 95 | 486 | 385 | 101 | (^D) | (^D) |
| Nonferrous | 0 | 0 | 0 | 0 | 0 | 123 | 123 | 0 | 0 | 123 |
| Fabricated metal products | 656 | 571 | 85 | 70 | 585 | 135 | 115 | 20 | 23 | 112 |
| Machinery | 4,929 | 4,732 | 197 | 2,880 | 2,049 | 678 | 665 | 13 | 210 | 468 |
| Machinery, except electrical | 1,077 | 1,053 | 23 | 193 | 884 | 289 | 281 | 8 | 17 | 271 |
| Office and computing machines | 134 | 115 | 18 | 104 | 29 | (^D) | (^D) | 1 | 10 | (^D) |
| Other | 943 | 938 | 5 | 88 | 855 | (^D) | (^D) | 6 | 8 | (^D) |
| Electric and electronic equipment | 3,852 | 3,678 | 174 | 2,688 | 1,164 | 390 | 384 | 6 | 193 | 197 |
| Audio, video, and communications equipment | 1,006 | 840 | 166 | 172 | 834 | (^D) | (^D) | 0 | ([*]) | (^D) |
| Electronic components and accessories | (^D) | (^D) | 2 | (^D) | 177 | 147 | 141 | 6 | 67 | 80 |
| Other | (^D) | (^D) | 6 | (^D) | 153 | (^D) | (^D) | 0 | 125 | (^D) |
| Other manufacturing | 1,591 | 1,380 | 211 | 326 | 1,265 | 1,798 | 1,266 | 533 | 633 | 1,165 |
| Textile products and apparel | 161 | 154 | 7 | 11 | 150 | 70 | 69 | 2 | (^D) | (^D) |
| Lumber, wood, furniture, and fixtures | 58 | 46 | 13 | 51 | 7 | (^D) | (^D) | 0 | 0 | (^D) |
| Paper and allied products | (^D) | (^D) | 2 | (^D) | 7 | (^D) | (^D) | (^D) | 0 | (^D) |
| Printing and publishing | 223 | 223 | 0 | 2 | 221 | (^D) | (^D) | 0 | 1 | (^D) |
| Newspapers | (^D) | (^D) | 0 | 0 | (^D) | 0 | 0 | 0 | 0 | 0 |
| Other | (^D) | (^D) | 0 | 2 | (^D) | (^D) | (^D) | 0 | 1 | (^D) |
| Rubber products | (^D) | (^D) | 33 | (^D) | 42 | ([*]) | 0 | ([*]) | ([*]) | 0 |
| Miscellaneous plastics products | 267 | 174 | 93 | 20 | 247 | 314 | 247 | 67 | 52 | 262 |
| Stone, clay, and glass products | 202 | 200 | 3 | 2 | 200 | (^D) | 57 | (^D) | (^D) | 51 |
| Transportation equipment | 215 | 171 | 44 | 81 | 134 | 156 | 135 | 21 | 32 | 124 |
| Motor vehicles and equipment | 97 | 55 | 42 | 19 | 78 | 19 | 0 | 19 | 9 | 10 |
| Other transportation equipment | 118 | 116 | 2 | 62 | 56 | 137 | 135 | 2 | 23 | 114 |
| Instruments and related products | 244 | 244 | ([*]) | 112 | 132 | 335 | 312 | 23 | 170 | 166 |
| Other | (^D) | (^D) | 17 | 36 | (^D) | 69 | 64 | 5 | 6 | 63 |
| Wholesale trade | 623 | 524 | 99 | 197 | 426 | 605 | 405 | 200 | 251 | 353 |
| Motor vehicles and equipment | 14 | 14 | ([*]) | 5 | (^D) | (^D) | (^D) | (^D) | (^D) | 0 |
| Professional and commercial equipment and supplies | 16 | 9 | 8 | 6 | 10 | 12 | 12 | 0 | 0 | 12 |
| Metals and minerals, except petroleum | 29 | 11 | 17 | 16 | 12 | 15 | 7 | 7 | 1 | 13 |
| Electrical goods | 96 | 66 | 29 | 85 | 11 | 134 | 18 | 115 | 120 | 14 |
| Machinery, equipment, and supplies | 121 | 92 | 29 | 29 | (^D) | (^D) | 3 | (^D) | 2 | (^D) |
| Other durable goods | 24 | 20 | 4 | 3 | 21 | 27 | 23 | 4 | 4 | 22 |
| Groceries and related products | 55 | 53 | 1 | 11 | 43 | 84 | 79 | 5 | 5 | 79 |
| Farm-product raw materials | 11 | 11 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Other nondurable goods | 257 | 248 | 10 | 37 | 221 | 270 | (^D) | (^D) | (^D) | (^D) |
| Retail trade | 1,605 | 1,436 | 170 | (^D) | (^D) | 224 | (^D) | (^D) | 28 | 196 |
| General merchandise stores | 4 | 0 | 4 | 3 | 1 | (^D) | 0 | (^D) | 4 | (^D) |
| Food stores | (^D) | (^D) | 0 | (^D) | (^D) | 11 | 11 | 0 | 4 | 7 |
| Apparel and accessory stores | 18 | 10 | 7 | 16 | (^D) | (^D) | (^D) | 0 | 2 | (^D) |
| Other | (^D) | (^D) | 159 | 5 | (^D) | (^D) | (^D) | ([*]) | 18 | (^D) |
| Banking | 482 | 440 | 42 | 281 | 201 | 55 | 55 | 0 | 19 | 37 |
| Finance, except banking | 2,199 | 1,399 | 800 | 693 | 1,506 | 968 | 801 | 167 | 230 | 738 |
| Insurance | 2,102 | 1,951 | 152 | 1,255 | 847 | 251 | (^D) | (^D) | 16 | 235 |
| Real estate | 3,823 | 177 | 3,646 | 1,110 | 2,713 | 1,937 | 444 | 1,493 | 798 | 1,139 |
| Services | 2,256 | 1,616 | 641 | 239 | 2,017 | 1,476 | 1,179 | 297 | 318 | 1,158 |
| Hotels and other lodging places | 624 | 222 | 402 | 79 | 546 | 367 | 165 | 202 | 217 | 150 |
| Business services | 585 | 564 | 21 | 39 | 545 | 275 | 235 | 40 | 32 | 243 |
| Computer and data processing services | 448 | 440 | 7 | 32 | 416 | 102 | 95 | 7 | 30 | 72 |
| Other business services | 137 | 123 | 14 | 8 | 129 | 173 | 140 | 33 | 2 | 171 |
| Motion pictures, including television tape and film | (^D) | (^D) | 3 | (^D) | (^D) | (^D) | (^D) | 5 | 3 | (^D) |
| Engineering, architectural, and surveying services | 81 | 81 | 0 | 6 | 75 | 24 | 24 | 0 | 19 | 5 |
| Accounting, research, management, and related services | 58 | 29 | 29 | 26 | 32 | (^D) | (^D) | 5 | 5 | (^D) |
| Health services | (^D) | (^D) | 0 | 0 | (^D) | 132 | 131 | 2 | 0 | 132 |
| Other services | (^D) | (^D) | 185 | (^D) | (^D) | (^D) | (^D) | 44 | 43 | (^D) |
| Other industries | 284 | 191 | 93 | (^D) | (^D) | 2,195 | 2,138 | 57 | 245 | 1,950 |
| Agriculture, forestry, and fishing | 37 | 22 | 15 | 28 | 9 | 47 | 6 | 41 | 33 | 14 |
| Mining | 37 | 35 | 1 | 4 | 33 | 938 | 934 | 4 | 2 | 936 |
| Coal | 2 | 2 | 0 | 2 | 0 | (^D) | (^D) | 0 | 0 | (^D) |
| Other | 34 | 33 | 1 | 1 | 33 | (^D) | (^D) | 4 | 2 | (^D) |
| Construction | 54 | 25 | 29 | (^D) | (^D) | (^D) | (^D) | 0 | (^D) | (^D) |
| Transportation | 69 | 31 | 38 | 30 | 39 | (^D) | (^D) | (^D) | (^D) | (^D) |
| Communication and public utilities | 88 | 77 | 10 | 39 | 49 | 965 | (^D) | (^D) | 187 | 778 |

^r Revised.
^p Preliminary.

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

one-half of the total: A Mexican glass manufacturer established a joint venture with a New York-based specialty glass company; two U.S. affiliates of a Canadian company each acquired a U.S. publishing company; an Italian UBO acquired a California-based artificial organs division of a major U.S. pharmaceutical company; and a U.S. affiliate of a British medical systems and specialized industrial component group acquired an Illinois-based supplier of disposable medical products.

In chemicals, outlays were \$1.7 billion. Three investments, each of \$300 million or more, accounted for nearly two-thirds of the outlays: A German household-products company acquired a North Carolina-based fragrance and cosmetics unit of a pharmaceutical company; a U.S. affiliate of a Dutch petrochemical company acquired a West Virginia-based plastics unit of a tire manufacturer; and a U.S. affiliate of a German chemical company acquired an Illinois-based plastics unit of an energy and chemical company. In two

other sizable transactions, two U.S. affiliates of a British pharmaceutical company each acquired a chemical company—one based in Texas and the other in California.

In primary and fabricated metals, outlays were \$0.7 billion. Two transactions accounted for most of the outlays. The largest was the acquisition of a Florida-based manufacturer of steel bars by a Japanese steel producer; this acquisition follows several other Japanese acquisitions of companies in the U.S. steel industry in recent years. In the other transaction, a U.S. affiliate of a British cable and construction group acquired a Virginia-based electrical unit of a leading manufacturer of transmission and distribution cables.

Outside manufacturing, outlays were largest, at \$2.2 billion, in "other industries." Four investments of \$200 million or more dominated the transactions: A U.S. affiliate of a Belgian chemicals group acquired a Wyoming-based minerals unit of a petroleum company; a U.S. affiliate

Table 4.—Investment Outlays by Industry of U.S. Business Enterprise and by Country of Ultimate Beneficial Owner, 1986–92
[Millions of dollars]

| | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 ^r | 1992 ^r |
|--|---------------|---------------|---------------|---------------|---------------|-------------------|-------------------|
| Total | 39,177 | 40,310 | 72,692 | 71,163 | 65,932 | 25,538 | 13,469 |
| By industry: | | | | | | | |
| Petroleum | 1,035 | 1,107 | 4,740 | 1,189 | 1,141 | 702 | 484 |
| Manufacturing | 16,772 | 19,751 | 36,136 | 35,958 | 23,898 | 11,461 | 5,274 |
| Food and kindred products | 1,007 | 4,177 | 3,287 | 6,515 | 997 | 1,247 | 383 |
| Chemicals and allied products | 7,063 | 4,041 | 2,918 | 11,584 | 7,518 | 2,897 | 1,671 |
| Primary and fabricated metals | 776 | 1,091 | 3,394 | 3,545 | 2,447 | 797 | 744 |
| Machinery | 2,426 | 2,834 | 7,737 | 4,346 | 3,795 | 4,929 | 678 |
| Other manufacturing | 5,500 | 7,608 | 18,800 | 9,969 | 9,141 | 1,591 | 1,798 |
| Wholesale trade | 1,640 | 1,271 | 2,454 | 2,634 | 1,676 | 623 | 605 |
| Retail trade | 5,249 | 1,212 | 8,022 | 1,861 | 1,250 | 1,605 | 224 |
| Banking | 288 | 924 | 1,800 | 349 | 897 | 482 | 55 |
| Finance, except banking | 1,781 | 1,604 | 972 | 4,186 | 2,121 | 2,199 | 968 |
| Insurance | 1,668 | 165 | 5,855 | 1,901 | 2,093 | 2,102 | 251 |
| Real estate | 5,171 | 4,765 | 3,518 | 6,438 | 7,771 | 3,823 | 1,937 |
| Services | 4,276 | 7,630 | 5,597 | 10,058 | 19,369 | 2,256 | 1,476 |
| Other industries | 1,298 | 1,881 | 3,597 | 6,587 | 5,716 | 284 | 2,195 |
| By country¹: | | | | | | | |
| Canada | 6,503 | 1,276 | 11,360 | 4,403 | 3,430 | 3,454 | 1,028 |
| Europe | 21,126 | 25,517 | 37,173 | 40,724 | 36,011 | 13,994 | 7,531 |
| France | 2,491 | 2,044 | 4,199 | 3,469 | 10,217 | 4,976 | 155 |
| Germany ² | 1,351 | 4,664 | 2,090 | 2,435 | 2,363 | 1,922 | 1,753 |
| Netherlands | 4,700 | 391 | 2,214 | 3,629 | 2,247 | 1,661 | 1,247 |
| United Kingdom | 8,572 | 15,142 | 22,559 | 23,047 | 13,096 | 2,169 | 2,233 |
| Other Europe | 4,012 | 3,276 | 6,111 | 8,144 | 8,088 | 3,266 | 2,143 |
| Latin America and Other Western Hemisphere | 771 | 1,483 | (D) | 1,084 | 796 | 375 | 1,552 |
| South and Central America | 397 | 355 | (D) | 650 | 399 | 108 | 1,292 |
| Other Western Hemisphere | 375 | 1,128 | 187 | 434 | 397 | 267 | 260 |
| Africa | (D) | (D) | 296 | (D) | (D) | (D) | (D) |
| Middle East | 680 | 925 | 1,613 | 243 | 472 | 1,006 | (D) |
| Asia and Pacific | 9,450 | 10,928 | 21,819 | 24,530 | 23,170 | 6,560 | 2,918 |
| Australia | 3,194 | 2,691 | 4,556 | 4,574 | 1,412 | 251 | 166 |
| Japan | 5,416 | 7,006 | 16,188 | 17,410 | 19,933 | 5,357 | 2,301 |
| Other Asia and Pacific | 840 | 1,231 | 1,075 | 2,546 | 1,825 | 952 | 451 |
| United States ³ | (D) | (D) | (D) | (D) | (D) | (D) | 7 |
| Addenda: | | | | | | | |
| European Communities (12) ⁴ | 19,034 | 22,895 | 33,737 | 33,869 | 30,741 | 12,007 | 6,422 |
| OPEC ⁵ | 878 | 1,077 | 1,919 | 430 | 387 | 1,119 | 963 |

^r Revised.

^p Preliminary.

^D Suppressed to avoid disclosure of data of individual companies.

1. Where more than one investor participated in a given investment, each investor and each investor's outlays are classified by country of each ultimate beneficial owner.

2. 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 (GDR). This change has

no effect on the data because, prior to 1991, there were no U.S. affiliates of the former GDR.

3. See footnote 3 in text for explanation.

4. European Communities (12) comprises Belgium, Denmark, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, United Kingdom, Portugal, and Spain.

5. OPEC is the Organization of Petroleum Exporting Countries. As of yearend 1992, its members were Algeria, Ecuador, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela.

of a Venezuelan broadcasting company acquired a California-based television company; a U.S. affiliate of a German coal mining company acquired a West Virginia-based coal company; and a U.S. affiliate of a Mexican media group acquired an interest in a Connecticut-based satellite communications services company.

In real estate, outlays were \$1.9 billion. Two of the largest transactions were the acquisition of an office building in New York by a U.S. affiliate of a German media group and the establishment of a research center in California by a U.S. affiliate of a German pharmaceutical and chemical group.

In services, outlays were \$1.5 billion. Four transactions accounted for about one-half of the outlays: In the largest transaction reported for any industry in 1992, a U.S. affiliate of a Swiss pharmaceutical and chemical company acquired a controlling interest in a California-based biotechnology research company. In the second largest transaction in services, a U.S. affiliate of a Swiss pharmaceutical and chemical group acquired a North Carolina-based health services company. Two other large transactions were the acquisition of a Texas-based rental and leasing company by a U.S. affiliate of a British holding company and the acquisition of a Texas-based hotel by a U.S. affiliate of a Hong Kong holding company.

In finance (except banking), outlays were \$1.0 billion. Four investments dominated the transactions. In the largest transaction, a U.S. affiliate of a Dutch bank acquired an Illinois-based savings institution. In addition, a U.S. affiliate of a British bank acquired the credit card unit of a New Hampshire-based bank, a Japanese investor established a U.S. affiliate in order to obtain a financial interest in a Washington-based baseball team, and a Swiss bank acquired an Illinois-based finance company.

By country

In 1992, ultimate beneficial owners (UBO's) in European countries accounted for \$7.5 billion, or 56 percent, of total outlays, and those in Asian and Pacific countries, mainly Japan, accounted for \$2.9 billion, or 22 percent. Within Europe, most outlays were accounted for by British, German, and Dutch UBO's. UBO's in 10 countries had at least one investment of \$100 million or more. Outlays of Canadian UBO's dropped sharply. (Most of the transactions covered in this section were mentioned in the preceding section on outlays by industry.)

Outlays of Japanese UBO's were \$2.3 billion in 1992, down from \$5.4 billion in 1991 (tables 5.1 and 5.2). The reduction in outlays (57 percent) in 1992 follows an even sharper reduction (73 percent) in 1991. Despite these declines, outlays of Japanese UBO's remain the largest of any single country. Several factors, both in Japan and in the United States, contributed to the declines. In Japan, continuing sluggishness in the domestic economy, declining stock prices, and reduced corporate profits constrained the ability of investors to finance new investments. In the United States, disappointing results from earlier investments may have made Japanese investors more cautious. Several of the factors that may have diminished Japanese interest in new investments were specific to the U.S. real estate industry, in which Japanese UBO's have been the largest foreign investors: Reduced values of many Japanese-owned properties, depressed rental rates for commercial office space, and high office vacancy rates. Japanese UBO's accounted for less than one-third of total outlays in real estate in 1991-92, down from over one-half in 1988-90. In primary and fabricated metals, Japanese UBO's accounted for nearly 70 percent of outlays in 1992; the largest transaction was the purchase of the Florida-based manufacturer of steel bars. Other sizable Japanese acquisitions included two in wholesale trade, one in chemicals, and two in machinery.

Outlays of British UBO's were \$2.2 billion in 1992, unchanged from 1991. In 1991, British outlays had declined sharply (83 percent). The reduced level of outlays in 1991-92 may have reflected the prolonged recession in the United Kingdom. One of the largest transactions by British UBO's was the acquisition of the credit card unit of the New Hampshire-based bank by a British bank's U.S. affiliate. In addition, British investors accounted for most outlays in food and kindred products in 1992; the largest transaction was the acquisition of a Minnesota-based frozen food division of a bakery products manufacturer by a U.S. affiliate of a British food conglomerate. Other sizable British acquisitions included one in insurance, one in "other manufacturing," and one in "other industries."

Outlays of German UBO's were \$1.8 billion, down from \$1.9 billion. German investors accounted for more than 50 percent of outlays in chemicals; the largest transactions were the acquisitions of the North Carolina-based fragrance and cosmetics unit of a pharmaceutical company and the Illinois-based plastics business of

Table 5.1.—Investment Outlays, Country of Ultimate Beneficial Owner by Industry of U.S. Business Enterprise, 1991

[Millions of dollars]

| | All industries | Petroleum | Manufacturing | | | | | | Wholesale trade | Retail trade | Banking | Finance, except banking | Insurance | Real estate | Services | Other industries |
|---|----------------|------------|---------------|---------------------------|-------------------------------|-------------------------------|--------------|---------------------|-----------------|--------------|------------|-------------------------|--------------|--------------|--------------|------------------|
| | | | Total | Food and kindred products | Chemicals and allied products | Primary and fabricated metals | Machinery | Other manufacturing | | | | | | | | |
| All countries | 25,538 | 702 | 11,461 | 1,247 | 2,997 | 797 | 4,929 | 1,591 | 623 | 1,605 | 482 | 2,199 | 2,102 | 3,823 | 2,256 | 284 |
| Canada | 3,454 | (D) | 1,595 | (D) | (D) | (D) | 157 | (D) | 3 | (D) | 0 | (D) | 0 | 905 | 117 | 62 |
| Europe | 13,994 | 140 | 7,931 | 838 | 1,653 | 587 | 3,944 | 908 | 357 | 883 | 397 | (D) | 1,998 | 541 | 995 | (D) |
| Austria | 19 | 0 | (D) | 0 | 0 | 0 | 0 | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 2 | (D) |
| Belgium | 100 | (D) | (D) | 0 | 0 | 0 | 0 | (D) | 0 | 0 | 0 | 0 | 0 | 0 | (D) | (D) |
| Denmark | 71 | 0 | 35 | 0 | (D) | 0 | 0 | (D) | 0 | 0 | 0 | 0 | 0 | 0 | (D) | (D) |
| Finland | (D) | 0 | (D) | 0 | (D) | 0 | 0 | (D) | 0 | 0 | 0 | 0 | (*) | 0 | 2 | 0 |
| France | 4,976 | 70 | 3,405 | (D) | (D) | (D) | (D) | 46 | 14 | (D) | (D) | 45 | (D) | 47 | 130 | 4 |
| Germany ¹ | 1,922 | 0 | 1,566 | 1 | (D) | (D) | 101 | (D) | (D) | 4 | 0 | (D) | 0 | 75 | 5 | 3 |
| Ireland | 301 | 0 | (D) | (D) | 0 | 0 | 1 | 0 | 4 | 0 | (D) | 0 | 0 | (D) | 0 | 0 |
| Italy | 435 | 0 | 394 | 0 | 3 | 0 | (D) | (D) | 0 | 0 | 0 | 25 | 0 | 14 | 2 | 0 |
| Liechtenstein | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 |
| Luxembourg | 24 | 0 | 20 | 0 | 0 | 0 | (D) | (D) | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |
| Netherlands | 1,661 | 0 | 377 | (D) | 0 | 9 | 9 | (D) | (D) | (D) | 0 | 2 | (D) | 123 | 79 | 46 |
| Norway | 151 | (D) | (D) | 0 | (D) | 0 | 0 | 3 | 5 | 0 | 0 | (D) | 0 | 0 | 26 | (D) |
| Spain | 346 | 0 | (D) | 0 | 0 | 0 | (D) | (D) | (*) | 0 | (D) | 0 | 0 | 0 | 0 | 2 |
| Sweden | 379 | 0 | 145 | 0 | 0 | 0 | 23 | 65 | (D) | 0 | 0 | 1 | (D) | 66 | 15 | 0 |
| Switzerland | 1,327 | 0 | 571 | (D) | (*) | (*) | (D) | (D) | 6 | 0 | 0 | (D) | (D) | 37 | (D) | (D) |
| United Kingdom | 2,169 | (D) | 1,094 | (D) | 111 | 211 | 305 | (D) | 182 | 176 | 0 | 104 | (D) | 144 | 209 | 35 |
| Other | (D) | 0 | (D) | 0 | 0 | 0 | (D) | 4 | 0 | 0 | (D) | 1 | 0 | (*) | 5 | 0 |
| Latin America and Other Western Hemisphere | 375 | (D) | 68 | (D) | (D) | (D) | 0 | 28 | 31 | (D) | 34 | 0 | 4 | (D) | (D) | (D) |
| South and Central America | 108 | 0 | 31 | (D) | 0 | 0 | 0 | (D) | (D) | 0 | 34 | 0 | 0 | (D) | (D) | 0 |
| Brazil | 18 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | (D) | 0 | 0 | (D) | (*) | 0 |
| Mexico | 66 | 0 | 25 | (D) | 0 | 0 | 0 | (D) | 0 | 0 | (D) | 0 | 0 | 4 | 0 | 0 |
| Panama | 14 | 0 | 4 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | (D) | (D) | 0 |
| Venezuela | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | (D) | 0 | 0 |
| Other Western Hemisphere | 267 | (D) | 38 | 0 | (D) | (D) | 0 | (D) | (D) | (D) | 0 | 0 | 4 | 135 | (D) | (D) |
| Bahamas | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (D) | 0 | 0 |
| Bermuda | 119 | 1 | 0 | 0 | 0 | 0 | 0 | 7 | (D) | 0 | 0 | 0 | 4 | (D) | 0 | 0 |
| Netherlands Antilles | 26 | (D) | (D) | 0 | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (D) | 0 |
| United Kingdom Islands, Caribbean | 77 | (D) | (D) | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 7 | 0 |
| Other | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (D) | 0 | 0 |
| Africa | (D) | 0 | (D) | 0 | 0 | 0 | 0 | (D) | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Africa | (*) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | (D) | 0 | (D) | 0 | 0 | 0 | 0 | (D) | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle East | 1,006 | 0 | (D) | 0 | (D) | 0 | 5 | (D) | 2 | 0 | 0 | 16 | 0 | (D) | (D) | 1 |
| Israel | 48 | 0 | (D) | 0 | 0 | 0 | 1 | (D) | 0 | 0 | 0 | 0 | 0 | (D) | 0 | (D) |
| Kuwait | (D) | 0 | 4 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 10 | 0 | (D) | 0 | 0 |
| Lebanon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 10 | 1 | 0 |
| United Arab Emirates | (D) | 0 | (D) | 0 | 0 | 0 | 0 | (D) | 2 | 0 | 0 | 0 | 0 | (D) | 0 | 1 |
| Other | 7 | 0 | (D) | 0 | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | (D) | 0 | (D) |
| Asia and Pacific | 6,560 | (D) | 1,719 | 375 | 70 | 175 | 823 | 275 | 175 | 682 | 52 | 1,337 | 101 | 1,402 | 1,019 | (D) |
| Australia | 251 | (D) | 109 | 0 | 4 | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (D) | 0 | 0 |
| Hong Kong | 167 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | (D) | 4 | 0 | (*) | 0 | 82 | (D) | 0 |
| Japan | 5,357 | 30 | 1,455 | 375 | 67 | 114 | 713 | 186 | 134 | 677 | (D) | 998 | 101 | 1,071 | 859 | (D) |
| Korea, Republic of | 107 | 0 | 33 | 0 | 0 | (D) | (D) | (D) | 0 | 0 | 1 | (D) | 0 | 7 | (D) | 1 |
| Malaysia | (D) | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (D) | 0 |
| New Zealand | 4 | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Philippines | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Singapore | 22 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | (D) |
| Taiwan | 417 | 0 | (D) | 0 | 0 | 0 | (D) | 1 | 3 | 0 | 0 | (D) | 0 | 23 | 0 | (D) |
| Other | (D) | 0 | (D) | 0 | 0 | 0 | 3 | (D) | (D) | 0 | (D) | 3 | 0 | (D) | 25 | 0 |
| United States ² | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (D) | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Addenda: | | | | | | | | | | | | | | | | |
| European Communities (12) ³ | 12,007 | 134 | 7,052 | 775 | 1,216 | 540 | 3,717 | 803 | 337 | 883 | 382 | 424 | 1,785 | 431 | 452 | 128 |
| OPEC ⁴ | 1,119 | 0 | (D) | 0 | 0 | 0 | 0 | 4 | 2 | 0 | (D) | 13 | 0 | 840 | (D) | 1 |

(D) Suppressed to avoid disclosure of data of individual companies.

* Less than \$500,000.

1. See footnote 2, table 4.

2. See footnote 3 in text for further explanation.

3. See footnote 4, table 4.

4. See footnote 5, table 4.

NOTE.—Data for 1991 are revised. Where more than one investor participated in a given investment, each investor and each investor's outlays are classified by the country of each individual ultimate beneficial owner.

Table 5.2.—Investment Outlays, Country of Ultimate Beneficial Owner by Industry of U.S. Business Enterprise, 1992

(Millions of dollars)

| | All industries | Petroleum | Manufacturing | | | | | Wholesale trade | Retail trade | Banking | Finance, except banking | Insurance | Real estate | Services | Other industries | |
|---|----------------|------------|---------------|---------------------------|-------------------------------|-------------------------------|------------|-----------------|--------------|------------|-------------------------|------------|-------------|--------------|------------------|---------------------|
| | | | Total | Food and kindred products | Chemicals and allied products | Primary and fabricated metals | Machinery | | | | | | | | | Other manufacturing |
| All countries | 13,469 | 484 | 5,274 | 383 | 1,671 | 744 | 678 | 1,798 | 605 | 224 | 55 | 968 | 251 | 1,937 | 1,476 | 2,195 |
| Canada | 1,028 | 107 | 463 | 13 | 49 | 7 | (D) | (D) | (D) | (D) | 0 | (D) | 0 | 199 | 67 | (D) |
| Europe | 7,531 | (D) | 3,152 | 368 | 1,468 | 207 | 372 | 738 | 129 | 171 | 9 | 710 | 234 | 761 | 1,058 | (D) |
| Austria | (*) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (*) | 0 | 0 | 0 | 0 |
| Belgium | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (D) | 0 | (D) |
| Denmark | (D) | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | (D) | (*) |
| Finland | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 155 | 0 | (D) | 0 | 0 | 0 | 5 | (D) | 0 | 0 | (D) | 0 | (D) | 0 | 0 | 9 |
| Germany ¹ | 1,753 | 0 | 1,099 | 0 | 855 | 34 | (D) | (D) | (D) | 3 | 0 | 5 | 0 | 306 | 8 | (D) |
| Ireland | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 |
| Italy | 243 | 0 | (D) | 4 | (*) | 0 | 0 | (D) | 2 | 0 | 0 | 0 | 0 | 0 | (D) | 0 |
| Liechtenstein | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Luxembourg | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 |
| Netherlands | 1,247 | 0 | (D) | (D) | (D) | 3 | 0 | 3 | (D) | (D) | (D) | 0 | 0 | 165 | 74 | 9 |
| Norway | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (D) | 0 | 0 |
| Spain | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (D) | (D) |
| Sweden | 125 | 0 | 104 | 0 | 1 | 0 | (D) | (D) | 0 | 0 | 0 | 0 | 0 | (D) | 0 | 0 |
| Switzerland | 950 | 0 | 136 | (D) | 0 | (D) | 9 | (D) | 1 | (D) | (D) | 8 | 0 | (D) | 47 | (D) |
| United Kingdom | 2,233 | (D) | 1,078 | (D) | (D) | 131 | 160 | (D) | 17 | 90 | (D) | (D) | (D) | 201 | 154 | (D) |
| Other | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Latin America and Other Western Hemisphere | 1,552 | 0 | 454 | (*) | (D) | 0 | 0 | (D) | (D) | (D) | (D) | (D) | (D) | 101 | 101 | (D) |
| South and Central America | 1,292 | 0 | 0 | 0 | (D) | 0 | 0 | (D) | 2 | 0 | 0 | 4 | 0 | 47 | 0 | (D) |
| Brazil | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | (D) |
| Mexico | 674 | 0 | (D) | 0 | 0 | 0 | 0 | (D) | 2 | 0 | (D) | 4 | 0 | (D) | (D) | (D) |
| Panama | (D) | 0 | (D) | 0 | 0 | 0 | 0 | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | (D) | 0 | (D) | 0 | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| Other Western Hemisphere | 260 | 0 | 0 | (*) | 0 | 0 | 0 | (D) | 0 | 0 | 0 | 0 | 0 | 54 | 0 | (D) |
| Bahamas | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bermuda | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (D) | 0 | (*) |
| Netherlands Antilles | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom Islands, Caribbean | 158 | 0 | (D) | 0 | 0 | 0 | 0 | (D) | 0 | 0 | (D) | 0 | 0 | 47 | (D) | (*) |
| Other | (*) | 0 | (*) | (*) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Africa | (D) | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | (*) |
| South Africa | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | (D) | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | (*) |
| Middle East | (D) | 0 | (D) | 0 | 0 | 0 | 0 | (D) | 0 | 0 | 0 | (D) | 0 | 105 | (D) | 0 |
| Israel | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 77 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | (D) | 0 | (D) | 0 | 0 |
| Lebanon | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (D) | 0 | 0 |
| Saudi Arabia | 58 | 0 | (D) | 0 | 0 | 0 | 0 | (D) | 0 | 0 | 0 | 0 | 0 | 24 | (D) | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 |
| Asia and Pacific | 2,918 | (D) | 1,124 | (D) | (D) | 530 | (D) | 242 | 390 | 28 | (D) | 225 | (D) | 770 | 241 | 50 |
| Australia | 166 | 0 | 159 | 0 | 0 | (D) | (D) | (D) | 0 | 0 | 0 | 0 | 0 | 0 | (D) | 2 |
| Hong Kong | 227 | 0 | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 93 | 109 | 0 |
| Japan | 2,301 | (D) | 943 | (D) | (D) | (D) | 209 | (D) | 251 | 26 | (D) | 214 | 5 | 627 | 118 | 47 |
| Korea, Republic of | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 3 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| Malaysia | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Zealand | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Philippines | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Singapore | 74 | 0 | 7 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | (D) | 0 | 0 | (D) | 0 | 1 |
| Taiwan | 103 | 0 | (D) | 0 | (D) | 0 | 0 | (*) | (D) | 0 | 0 | 0 | 0 | (D) | 0 | 0 |
| Other | 35 | 0 | (*) | 0 | 0 | 0 | 0 | (*) | 6 | 0 | (D) | 0 | (D) | 3 | (D) | 0 |
| United States² | 7 | 0 | (D) | (D) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (D) | 0 |
| Addenda: | | | | | | | | | | | | | | | | |
| European Communities (12) ³ | 6,422 | (D) | 2,913 | 357 | 1,467 | 168 | 328 | 593 | 118 | 143 | 9 | (D) | 234 | 688 | 399 | 1,175 |
| OPEC ⁴ | 963 | (D) | (D) | 0 | (D) | 0 | 0 | (D) | 2 | 0 | (D) | 15 | 0 | 88 | 4 | (D) |

(D) Suppressed to avoid disclosure of data of individual companies.

* Less than \$500,000.

1. See footnote 2, table 4.

2. See footnote 3 in text for further explanation.

3. See footnote 4, table 4.

4. See footnote 5, table 4.

NOTE.—Data for 1992 are preliminary. Where more than one investor participated in a given investment, each investor and each investor's outlays are classified by the country of each individual ultimate beneficial owner.

an energy and chemical company. Other sizable German acquisitions were in "other industries," real estate, and machinery.

Outlays of Dutch UBO's were \$1.2 billion, down from \$1.7 billion. Most of the 1992 outlays reflected the purchases of the Illinois-based savings institution and the West Virginia-based plastics unit of a tire manufacturer.

Outlays of Canadian UBO's were \$1.0 billion, down from \$3.5 billion. The largest investments were the acquisitions of the two publishing companies. In addition, the U.S. affiliate of a Canadian company acquired the commercial floor products unit of a Pennsylvania-based construction company.

By source of funding

The decline in total outlays in 1992 reflected a decline in funding both by foreign parent groups and by existing U.S. affiliates. However, funding by foreign parent groups fell somewhat faster than that by U.S. affiliates, thus decreasing the relative importance of parent groups in the financing of transactions. Of the \$13.5 billion in total outlays in 1992, \$7.2 billion, or 53 percent,

was funded by foreign parent groups; in 1991, foreign parent groups had funded \$14.1 billion, or 55 percent of total outlays (table 6). These funds financed investments made both through U.S. affiliates and directly by foreign parents. The reduction in the amount of total outlays financed with foreign-source funds contributed to the shift to net capital outflows for foreign direct investment in the United States in 1992.⁶

6. Foreign-source funds used to acquire or establish U.S. affiliates are also included in U.S. capital flows for foreign direct investment in the United States (FDIUS) that are recorded in the U.S. balance of payments accounts. However, because the total FDIUS capital flows also include funds that are used for other purposes, the two measures are not directly comparable.

Preliminary estimates of capital flows for FDIUS in 1992 were published in table 5 of "U.S. International Transactions, Fourth Quarter and Year 1992," SURVEY OF CURRENT BUSINESS 73 (March 1993): 96. The estimated capital outflow of \$3.9 billion recorded for 1992 contrasts with the estimated \$7.2 billion in foreign-source funding (an inflow). However, the \$3.9 billion is a net figure that includes several components—namely, decreases in equity, reinvested earnings, and changes in U.S. affiliates' receivables from their foreign parent groups—that are unrelated to foreign funding of new affiliates and for which net outflows of \$28.1 billion were recorded in 1992. In contrast, net capital inflows of \$24.2 billion were recorded for the components of capital flows that could represent foreign-parent funding of acquisitions and establishments—namely, increases in equity and changes in U.S. affiliate payables to their foreign parent groups. Some of these inflows also financed the operations of existing U.S. affiliates.

It should be noted that the estimates both of acquisitions and establishments of U.S. affiliates and of capital flows for FDIUS are preliminary. Revised capital flow estimates will be published in the June 1993 SURVEY, and revised estimates of new investments will be published in the May 1994 issue. Until both series have been revised, comparisons between the data on investment outlays funded by foreign parent groups and the data on total capital flows

Table 6.—Source of Funding of Investment Outlays, by Industry of U.S. Business Enterprise and by Country of Ultimate Beneficial Owner, 1991–92

| | 1991 ^r | | | | 1992 ^p | | | |
|--|---------------------|----------------------------------|------------------|--|---------------------|----------------------------------|------------------|--|
| | Millions of dollars | | | Funds from foreign parent groups as a percent of total | Millions of dollars | | | Funds from foreign parent groups as a percent of total |
| | Total outlays | Funds from foreign parent groups | Other | | Total outlays | Funds from foreign parent groups | Other | |
| Total | 25,538 | 14,114 | 11,424 | 55 | 13,469 | 7,189 | 6,280 | 53 |
| By industry: | | | | | | | | |
| Petroleum | 702 | 74 | 628 | 11 | 484 | (^D) | (^D) | (^D) |
| Manufacturing | 11,461 | 6,536 | 4,925 | 57 | 5,274 | 3,353 | 1,921 | 64 |
| Wholesale trade | 623 | 414 | 209 | 66 | 605 | 377 | 228 | 62 |
| Retail trade | 1,605 | 579 | 1,026 | 36 | 224 | 131 | 93 | 58 |
| Banking | 482 | 440 | 42 | 91 | 55 | (^D) | (^D) | (^D) |
| Finance, except banking | 2,199 | 1,279 | 920 | 58 | 968 | 468 | 500 | 48 |
| Insurance | 2,102 | 1,717 | 385 | 82 | 251 | 44 | 207 | 18 |
| Real estate | 3,823 | 1,965 | 1,858 | 51 | 1,937 | 1,075 | 862 | 55 |
| Services | 2,256 | 919 | 1,337 | 41 | 1,476 | 983 | 493 | 67 |
| Other industries | 284 | 190 | 94 | 67 | 2,195 | 684 | 1,511 | 31 |
| By country¹: | | | | | | | | |
| Canada | 3,454 | 1,262 | 2,192 | 37 | 1,028 | 408 | 620 | 40 |
| Europe | 13,994 | 8,127 | 5,867 | 58 | 7,531 | 3,805 | 3,776 | 51 |
| France | 4,976 | 3,218 | 1,758 | 65 | 155 | 56 | 99 | 36 |
| Germany ² | 1,922 | 1,371 | 551 | 71 | 1,753 | 794 | 959 | 45 |
| United Kingdom | 2,169 | 1,033 | 1,136 | 48 | 2,233 | 1,221 | 1,012 | 55 |
| Other | 4,927 | 2,505 | 2,422 | 51 | 3,390 | 1,733 | 1,657 | 51 |
| Latin America and Other Western Hemisphere | 375 | 295 | 80 | 79 | 1,552 | 916 | 636 | 59 |
| Africa | (^D) | (^D) | (^D) | (^D) | (^D) | (^D) | (^D) | (^D) |
| Middle East | 1,006 | 373 | 633 | 37 | (^D) | (^D) | (^D) | (^D) |
| Asia and Pacific | 6,560 | 4,027 | 2,533 | 61 | 2,918 | 1,909 | 1,009 | 65 |
| Japan | 5,357 | 3,154 | 2,203 | 59 | 2,301 | 1,594 | 707 | 69 |
| Other | 1,203 | 873 | 330 | 73 | 617 | 315 | 302 | 51 |
| United States ³ | (^D) | (^D) | (^D) | (^D) | 7 | 1 | 6 | 14 |
| Addenda: | | | | | | | | |
| European Communities (12) ⁴ | 12,007 | 7,276 | 4,731 | 61 | 6,422 | 2,929 | 3,493 | 46 |
| OPEC ⁵ | 1,119 | 478 | 641 | 43 | 963 | 239 | 724 | 25 |

^r Revised.

^p Preliminary.

^D Suppressed to avoid disclosure of data of individual companies. See footnotes to table 4.

Data Availability

Only summary data are published in this article. A set of supplementary tables containing detail on the number of investments and investors for 1987–91 and on investment outlays and selected operating data for the newly acquired or established businesses for 1987–92 will be available in July for \$10.00 from the Public Information Office, Order Desk, BE-53, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230. Visa or MasterCard orders may be placed by telephone at (202) 523-0640. When ordering, refer to the “BE-13 Supplementary Tables for the May 1993 SURVEY Article,” Accession No. 50-93-20-105, and make checks payable to the Bureau of Economic Analysis. Comparable tables for 1980–86, Accession No. 50-89-20-106, are also available for \$18.00.

In addition to the data on new foreign direct investments presented here, BEA also publishes estimates of quarterly balance of payments flows and the annual direct investment position for new and existing investments combined. Summary estimates of quarterly balance of payments flows appear in the “U.S. International Transactions” article in the March, June, September, and December issues of the SURVEY. Summary position estimates appear in the June SURVEY. More detailed annual estimates of both the flows and the position follow in the August issue. Estimates covering the operations of U.S. affiliates of foreign companies are also available from BEA; the most recent estimates appear in this issue of the SURVEY in “U.S. Affiliates of Foreign Companies: Operations in 1991.”

The remaining \$6.3 billion, or 47 percent, of 1992 outlays was funded by U.S. affiliates from sources other than the foreign parent groups. For example, the U.S. affiliates may have borrowed funds from unaffiliated foreign persons or from U.S. persons, or they may have generated the funds internally. In 1991, these other funding sources had financed 45 percent of outlays.

By industry, the percentage of financing by foreign parent groups was significantly above the all-industries average in services, manufacturing, and wholesale trade and was significantly below the average in insurance and “other industries.”

By area, the percentage of financing by foreign parent groups was above the all-countries average for UBO's in the Middle East and in Asia and Pacific and below the average for UBO's in Canada and in Europe. Within Europe, the share of British investment financed by foreign parent groups was above average, whereas the share of French investment financed by foreign parent groups was considerably below average.

for FDIUS should be made with caution. Furthermore, it should be noted that, when disaggregated by country, the outlays data in this article are shown by country of UBO, whereas the capital flow data are shown by country of foreign parent.

Selected Operating Data

The total assets of U.S. businesses acquired or established by foreign direct investors in 1992 were \$30.9 billion, down from \$152.1 billion in 1991 (tables 7.1 and 7.2). The assets of the businesses acquired in 1992, at \$22.3 billion, were larger than those of the businesses established, at \$8.6 billion.

Assets in finance (except banking), at \$8.4 billion, and in manufacturing, at \$7.6 billion, together accounted for more than one-half of the total assets of U.S. businesses acquired or established. In finance (except banking), assets mainly reflected the acquisition of the Illinois-based savings institution. Within manufacturing, assets in “other manufacturing,” at \$2.7 billion, and in chemicals, at \$1.9 billion, were largest.

Acquired businesses employed 104,000 workers. Manufacturers accounted for the largest share of these employees (51 percent); retail trade also accounted for a large share (20 percent). Newly established businesses employed 16,000 workers.

Foreign investors obtained 36,000 acres of U.S. land as a result of acquisitions. Real estate affiliates accounted for a majority of the acreage obtained. Foreign investors obtained 85,000 acres by establishing new businesses, including purchases of real estate.


Tables 7.1 and 7.2 follow. 

Table 7.1.—Total Assets, Sales, Net Income, Employment, and Acres of Land Owned by U.S. Business Enterprises Acquired or Established, by Industry of U.S. Business Enterprise, 1991
 (Millions of dollars unless otherwise indicated)

| | Total assets of all U.S. business enterprises acquired or established | U.S. business enterprises acquired | | | | | U.S. business enterprises established | | | | |
|--|---|------------------------------------|--------------------|------------|---------------------|-------------------------------|---------------------------------------|--------------------|------------|---------------------|-------------------------------|
| | | Total assets | Sales ¹ | Net income | Number of employees | Number of acres of land owned | Total assets | Sales ¹ | Net income | Number of employees | Number of acres of land owned |
| All industries | 152,076 | 132,540 | 45,470 | -187 | 222,921 | 255,778 | 19,536 | 6,894 | 33 | 26,089 | 136,882 |
| Petroleum | 1,435 | 544 | 403 | 9 | 1,886 | (D) | 891 | (D) | 32 | (D) | (D) |
| Petroleum and coal products manufacturing | (D) | (D) | (D) | (D) | (D) | (D) | 0 | 0 | 0 | 0 | 0 |
| Other | (D) | (D) | (D) | 9 | (D) | (D) | 891 | (D) | 32 | (D) | (D) |
| Manufacturing | 14,786 | 12,326 | 13,943 | (*) | 90,865 | 17,384 | 2,461 | 1,714 | -73 | 9,389 | 11,591 |
| Food and kindred products | 1,312 | 1,285 | 1,570 | -4 | 5,069 | 3,676 | 27 | 22 | -6 | 186 | (D) |
| Beverages | 344 | (D) | 637 | (D) | 1,004 | 552 | (D) | 22 | (D) | (D) | (D) |
| Other | 968 | (D) | 933 | (D) | 4,065 | 3,124 | (D) | (*) | (D) | (D) | 0 |
| Chemicals and allied products | 3,306 | 1,759 | 1,503 | 62 | 8,342 | 1,481 | 1,547 | 863 | (D) | (D) | (D) |
| Industrial chemicals and synthetics | 820 | (D) | (D) | (D) | 2,613 | (D) | (D) | 3 | (D) | (D) | 0 |
| Drugs | 1,471 | (D) | 65 | 4 | 734 | (D) | (D) | (D) | (D) | (D) | (D) |
| Soap, cleaners, and toilet goods | (D) | (D) | (D) | 8 | (D) | (D) | 0 | 0 | 0 | 0 | 0 |
| Other | (D) | 303 | 340 | (D) | (D) | 259 | (D) | (D) | 9 | (D) | (D) |
| Primary and fabricated metals | 892 | 744 | 852 | -8 | 6,263 | 498 | 148 | 112 | -6 | 1,037 | 300 |
| Primary metal industries | 167 | 125 | 210 | -7 | 1,200 | 81 | 42 | (D) | -5 | 454 | (D) |
| Ferrous | 167 | 125 | 210 | -7 | 1,200 | 81 | 42 | (D) | -5 | 454 | (D) |
| Nonferrous | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fabricated metal products | 725 | 620 | 643 | -1 | 5,063 | 417 | 105 | (D) | -2 | 583 | (D) |
| Machinery | 7,013 | 6,712 | 6,905 | 32 | 46,921 | 4,539 | 301 | 260 | (*) | 2,256 | 56 |
| Machinery, except electrical | 1,809 | (D) | 3,953 | -27 | 18,322 | 1,469 | (D) | (D) | 4 | (D) | (D) |
| Office and computing machines | 136 | (D) | (D) | -4 | 1,505 | (D) | (D) | (D) | 3 | (D) | 0 |
| Other | 1,673 | (D) | (D) | -23 | 16,817 | (D) | (D) | (D) | 1 | (D) | (D) |
| Electric and electronic equipment | 5,204 | (D) | 2,951 | 59 | 28,599 | 3,070 | (D) | (D) | 1 | (D) | (D) |
| Audio, video, and communications equipment | 1,423 | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1 | (D) | (D) |
| Electronic components and accessories | (D) | (D) | 366 | -91 | 4,668 | (D) | 2 | (D) | 3 | (D) | (D) |
| Other | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 0 | (D) | (D) |
| Other manufacturing | 2,264 | 1,825 | 3,113 | -82 | 24,270 | 7,190 | 439 | 458 | (D) | (D) | (D) |
| Textile products and apparel | 218 | (D) | (D) | -7 | (D) | (D) | (D) | (D) | 2 | (D) | (D) |
| Lumber, wood, furniture, and fixtures | 251 | 223 | 366 | (*) | 3,726 | 465 | 28 | (D) | 2 | 473 | (D) |
| Paper and allied products | 90 | (D) | (D) | 3 | (D) | 0 | (D) | (D) | 4 | (D) | 0 |
| Printing and publishing | 218 | (D) | 523 | (D) | 3,570 | 15 | 0 | 0 | 0 | 0 | 0 |
| Newspapers | (D) | (D) | (D) | (D) | (D) | 8 | 0 | 0 | 0 | 0 | 0 |
| Other | (D) | (D) | (D) | -6 | (D) | 7 | 0 | 0 | 0 | 0 | 0 |
| Rubber products | 73 | (D) | 50 | 7 | 508 | (D) | 80 | 50 | 4 | 501 | (D) |
| Miscellaneous plastics products | 333 | (D) | 325 | 5 | 3,025 | 266 | 9 | 9 | -3 | (D) | (D) |
| Stone, clay, and glass products | 240 | (D) | 192 | 2 | 1,602 | 5,726 | (D) | 1 | 1 | (D) | (D) |
| Transportation equipment | 391 | (D) | 709 | (*) | 4,517 | 291 | (D) | (D) | 1 | 180 | (D) |
| Motor vehicles and equipment | 194 | (D) | 122 | -4 | (D) | (D) | (D) | (D) | 1 | (D) | (D) |
| Other transportation equipment | 197 | 196 | 587 | 4 | (D) | 2 | (D) | (D) | -1 | (D) | 0 |
| Instruments and related products | 262 | 261 | 357 | -4 | 2,792 | 53 | 1 | (*) | 1 | (D) | (D) |
| Other | 188 | 176 | 281 | (D) | 1,327 | (D) | 12 | 12 | -1 | 93 | 0 |
| Wholesale trade | 1,400 | 1,189 | 2,177 | 1 | 8,382 | 222 | 211 | 455 | -11 | 441 | 21 |
| Motor vehicles and equipment | 35 | 34 | (D) | (D) | 356 | (D) | 1 | 1 | (D) | (D) | (D) |
| Professional and commercial equipment and supplies | 37 | (D) | (D) | (*) | (D) | 0 | (D) | (D) | (D) | (D) | (D) |
| Metals and minerals, except petroleum | 157 | (D) | (D) | 3 | (D) | (D) | (D) | 163 | (D) | (D) | 0 |
| Electrical goods | (D) | (D) | (D) | (D) | (D) | (D) | 41 | (D) | (D) | (D) | (D) |
| Machinery, equipment, and supplies | 197 | 147 | 284 | -6 | 623 | 0 | 50 | 110 | 4 | 132 | 0 |
| Other durable goods | 45 | 36 | 85 | -1 | 325 | 0 | 9 | 19 | 30 | 30 | 0 |
| Groceries and related products | 58 | 56 | 111 | -7 | (D) | 0 | 2 | 1 | 0 | (D) | 0 |
| Farm-product raw materials | (D) | (D) | 27 | 4 | 27 | (D) | 0 | 0 | 0 | 0 | 0 |
| Other nondurable goods | (D) | (D) | 539 | (D) | 2,295 | 32 | (D) | (D) | -5 | (D) | 0 |
| Retail trade | (D) | (D) | 9,903 | (D) | 65,024 | (D) | 427 | 862 | (D) | 3,648 | 14 |
| General merchandise stores | 5 | 0 | 0 | 0 | 0 | 0 | 5 | (D) | -1 | (D) | (D) |
| Food stores | (D) | (D) | (D) | (D) | (D) | (D) | 0 | 0 | 0 | 0 | 0 |
| Apparel and accessory stores | (D) | (D) | (D) | (D) | (D) | 0 | (D) | (D) | 2 | (D) | (D) |
| Other | (D) | (D) | (D) | 24 | (D) | 45 | (D) | 787 | (D) | 3,203 | (D) |
| Banking | 36,785 | 34,969 | 3,775 | -106 | 13,239 | 1,973 | 1,816 | 96 | -3 | 177 | (D) |
| Finance, except banking | 13,955 | 12,350 | (D) | (D) | 3,806 | 0 | 1,605 | 61 | 26 | 103 | (D) |
| Insurance | (D) | (D) | (D) | 70 | 16,551 | (D) | (D) | (D) | 27 | (D) | (D) |
| Real estate | 4,805 | 258 | 50 | -3 | 169 | 4,284 | 4,547 | 318 | -9 | 416 | 59,108 |
| Services | (D) | (D) | 1,402 | 69 | 20,108 | 7,847 | (D) | 224 | -44 | 2,878 | 7,812 |
| Hotels and other lodging places | 787 | 279 | 111 | (*) | 2,773 | 508 | 111 | -28 | 1,572 | 98 | |
| Business services | 1,290 | 1,258 | 674 | 63 | 9,683 | (D) | 32 | 11 | -4 | 144 | 0 |
| Computer and data processing services | (D) | (D) | 271 | (D) | (D) | 0 | 10 | 7 | -3 | 97 | 0 |
| Other business services | (D) | (D) | 403 | (D) | (D) | (D) | 22 | 4 | -1 | 47 | 0 |
| Motion pictures, including television tape and film | (D) | (D) | (D) | (D) | (D) | 0 | 5 | 2 | (*) | (D) | (D) |
| Engineering, architectural, and surveying services | 86 | 86 | 88 | 4 | 1,020 | (D) | 0 | 0 | 0 | 0 | 0 |
| Accounting, research, management, and related services | 88 | 39 | 32 | 1 | 501 | (D) | 50 | 12 | -8 | 196 | (D) |
| Health services | (D) | (D) | (D) | -4 | (D) | 0 | 0 | 0 | 0 | 0 | 0 |
| Other services | (D) | 449 | 384 | (D) | 5,408 | 2,310 | (D) | 88 | -4 | (D) | 7,699 |
| Other industries | 525 | 289 | 356 | 1 | 2,891 | (D) | 236 | 488 | (D) | (D) | 37,549 |
| Agriculture, forestry, and fishing | 38 | (D) | 9 | -2 | (D) | (D) | (D) | 2 | (*) | 12 | 19,436 |
| Mining | 42 | 41 | (D) | -3 | (D) | (D) | 1 | (*) | (*) | 0 | (D) |
| Coal | (D) | (D) | (D) | 1 | (D) | (D) | 0 | 0 | 0 | 0 | 0 |
| Other | (D) | (D) | 5 | -4 | (D) | (D) | 1 | (*) | (*) | 0 | (D) |
| Construction | 194 | 65 | 144 | 2 | 776 | (D) | 129 | 326 | (D) | 1,532 | (D) |
| Transportation | 100 | 33 | 75 | 3 | 1,015 | (D) | 67 | (D) | -2 | (D) | (D) |
| Communication and public utilities | 151 | (D) | (D) | 1 | 928 | (D) | (D) | (D) | (D) | (D) | 0 |

(D) Suppressed to avoid disclosure of data of individual companies.

* Less than \$500,000 (±).

1. Sales, or gross operating revenue, excluding sales taxes.

NOTE.—Data for 1991 are revised. For acquired businesses, data are for, or as of, the fiscal year preceding the year of acquisition; for newly established businesses, data are projections for, or as of, the end of, the first full year of operation.

Table 7.2.—Total Assets, Sales, Net Income, Employment, and Acres of Land Owned by U.S. Business Enterprises Acquired or Established, by Industry of U.S. Business Enterprise, 1992
 [Millions of dollars unless otherwise indicated]

| | Total assets of all U.S. business enterprises acquired or established | U.S. business enterprises acquired | | | | | U.S. business enterprises established | | | | |
|--|---|------------------------------------|--------------------|------------------|---------------------|-------------------------------|---------------------------------------|--------------------|------------------|---------------------|-------------------------------|
| | | Total assets | Sales ¹ | Net income | Number of employees | Number of acres of land owned | Total assets | Sales ¹ | Net income | Number of employees | Number of acres of land owned |
| All industries | 30,912 | 22,313 | 17,836 | -200 | 104,382 | 36,263 | 8,600 | 3,825 | 138 | 15,868 | 84,746 |
| Petroleum | 612 | (^b) | (^b) | 74 | 1,024 | 211 | (^b) | (^c) | -3 | 0 | 0 |
| Petroleum and coal products manufacturing | (^b) | (^b) | (^b) | (^c) | (^b) | (^b) | 0 | 0 | 0 | 0 | 0 |
| Other | (^b) | (^b) | (^b) | 74 | (^b) | (^b) | (^b) | (^c) | -3 | 0 | 0 |
| Manufacturing | 7,645 | 6,100 | 7,292 | -235 | 53,431 | 5,359 | 1,546 | 1,862 | 41 | 9,587 | 274 |
| Food and kindred products | 572 | (^b) | 479 | 17 | 3,106 | 361 | (^b) | (^b) | 9 | (^b) | (^b) |
| Beverages | 26 | 6 | 2 | (^c) | (^b) | (^b) | 20 | (^b) | (^b) | (^b) | (^b) |
| Other | 545 | (^b) | 477 | 17 | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) |
| Chemicals and allied products | 1,937 | 1,847 | 1,847 | 50 | 7,555 | 1,063 | 90 | 4 | -5 | 72 | (^b) |
| Industrial chemicals and synthetics | 532 | (^b) | 448 | -2 | 919 | 199 | (^b) | (^b) | -1 | (^b) | (^b) |
| Drugs | 153 | 153 | 84 | -11 | 1,104 | 0 | 0 | 0 | 0 | 0 | 0 |
| Soap, cleaners, and toilet goods | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | 0 | 0 | 0 | 0 | 0 |
| Other | (^b) | 682 | (^b) | (^b) | (^b) | (^b) | (^b) | 3 | 4 | (^b) | 0 |
| Primary and fabricated metals | 1,464 | 1,292 | 1,487 | -38 | 8,504 | 2,442 | 172 | 104 | 10 | 361 | (^b) |
| Primary metal industries | 1,179 | (^b) | 915 | -36 | (^b) | (^b) | (^b) | (^b) | 2 | (^b) | (^b) |
| Ferrous | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | 2 | (^b) | (^b) |
| Nonferrous | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | 0 | 0 | 0 | 0 | 0 |
| Fabricated metal products | 285 | (^b) | 571 | -2 | (^b) | (^b) | (^b) | (^b) | 8 | (^b) | 0 |
| Machinery | 962 | 764 | 811 | -4 | 7,035 | (^b) | 198 | 360 | -3 | 1,120 | 55 |
| Machinery, except electrical | 543 | (^b) | 372 | -1 | 3,157 | 94 | (^b) | (^b) | -5 | (^b) | (^b) |
| Office and computing machines | 61 | 59 | 84 | -12 | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) |
| Other | 482 | (^b) | 288 | 11 | (^b) | (^b) | (^b) | (^b) | -5 | (^b) | (^b) |
| Electric and electronic equipment | 420 | (^b) | 440 | -3 | 3,878 | (^b) | (^b) | (^b) | 1 | (^b) | (^b) |
| Audio, video, and communications equipment | (^b) | (^b) | 68 | 4 | 444 | 0 | (^b) | (^b) | 0 | (^b) | (^b) |
| Electronic components and accessories | 153 | (^b) | 184 | -8 | 1,570 | (^b) | (^b) | (^b) | 1 | (^b) | (^b) |
| Other | (^b) | (^b) | 188 | 1 | 1,864 | (^b) | (^b) | (^b) | 0 | (^b) | (^b) |
| Other manufacturing | 2,710 | (^b) | 2,667 | -259 | 27,231 | (^b) | (^b) | (^b) | 31 | (^b) | 99 |
| Textile products and apparel | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | 2 | (^b) | (^b) | (^b) | 0 |
| Lumber, wood, furniture, and fixtures | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) |
| Paper and allied products | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) |
| Printing and publishing | (^b) | (^b) | 222 | 6 | 1,831 | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) |
| Newspapers | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | (^b) | (^b) | 222 | 6 | 1,831 | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) |
| Rubber products | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous plastics products | 305 | 235 | 233 | 13 | 2,063 | 104 | 70 | (^b) | (^b) | (^b) | (^b) |
| Stone, clay, and glass products | (^b) | 83 | 78 | -6 | 610 | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) |
| Transportation equipment | 199 | 182 | 362 | -14 | 3,934 | 18 | 37 | 3 | 157 | 28 | 28 |
| Motor vehicles and equipment | 16 | 0 | 0 | 0 | 0 | 0 | 16 | 37 | 3 | (^b) | (^b) |
| Other transportation equipment | 184 | 182 | 362 | -14 | 3,934 | (^b) | (^b) | (^b) | 0 | (^b) | (^b) |
| Instruments and related products | 236 | (^b) | 213 | -12 | 2,137 | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) |
| Other | 65 | 60 | 99 | 5 | 1,134 | 23 | 4 | (^c) | (^c) | (^b) | (^b) |
| Wholesale trade | 1,339 | 746 | 963 | 22 | 7,715 | 165 | 594 | 1,356 | 69 | 1,600 | 39 |
| Motor vehicles and equipment | (^b) | (^b) | (^b) | 2 | (^b) | 0 | (^b) | (^b) | 1 | (^b) | (^b) |
| Professional and commercial equipment and supplies | 12 | 12 | 21 | -3 | (^b) | (^b) | 0 | 0 | 0 | 0 | 0 |
| Metals and minerals, except petroleum | 25 | (^b) | (^b) | (^c) | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) |
| Electrical goods | 848 | (^b) | (^b) | 9 | (^b) | (^b) | (^b) | 1,095 | (^b) | (^b) | (^b) |
| Machinery, equipment, and supplies | (^b) | 5 | (^b) | (^c) | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) |
| Other durable goods | 43 | 37 | 53 | 2 | 71 | 0 | 6 | 14 | (^b) | (^b) | (^b) |
| Groceries and related products | 101 | (^b) | 86 | 5 | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) |
| Farm-product raw materials | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other nondurable goods | 215 | 182 | 130 | 9 | 1,006 | (^b) | 33 | 106 | 2 | 62 | 0 |
| Retail trade | 827 | 819 | 1,721 | -136 | 20,617 | (^b) | 8 | (^b) | (^b) | (^b) | 0 |
| General merchandise stores | 8 | 0 | 0 | 0 | 0 | 0 | 8 | (^b) | (^b) | (^b) | 0 |
| Food stores | 8 | 8 | 45 | 1 | 531 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apparel and accessory stores | 4 | 4 | (^b) | 0 | (^b) | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 807 | 807 | (^b) | -137 | (^b) | (^b) | (^c) | 1 | (^c) | (^b) | 0 |
| Banking | 2,200 | 2,200 | 87 | -12 | 971 | (^b) | 0 | 0 | 0 | 0 | 0 |
| Finance, except banking | 8,393 | (^b) | (^b) | 85 | (^b) | (^b) | (^b) | 80 | 1 | 392 | 5 |
| Insurance | 2,921 | (^b) | 166 | 2 | 391 | 0 | (^b) | (^b) | 6 | (^b) | (^b) |
| Real estate | 2,205 | 571 | 78 | -53 | 370 | (^b) | 1,634 | 158 | 17 | 354 | 17,406 |
| Services | 1,224 | 785 | 616 | -36 | 6,957 | 169 | 440 | 198 | 5 | 3,429 | 675 |
| Hotels and other lodging places | 421 | 215 | 85 | -3 | 1,655 | 77 | 205 | 110 | 5 | 1,870 | 72 |
| Business services | 474 | (^b) | 297 | -30 | 2,733 | (^b) | (^b) | (^b) | 5 | (^b) | 11 |
| Computer and data processing services | 80 | 62 | 152 | -17 | 1,458 | 0 | 18 | (^b) | 1 | (^b) | (^b) |
| Other business services | 394 | (^b) | 145 | -13 | 1,275 | (^b) | (^b) | (^b) | 4 | (^b) | (^b) |
| Motion pictures, including television tape and film | 17 | (^b) | 4 | -1 | (^b) | 0 | (^b) | (^b) | (^b) | (^b) | 0 |
| Engineering, architectural, and surveying services | 16 | 16 | 47 | -1 | 365 | 0 | 0 | 0 | 0 | 0 | 0 |
| Accounting, research, management, and related services | 50 | (^b) | 13 | -6 | 176 | 0 | (^b) | 3 | 1 | (^b) | (^b) |
| Health services | 86 | 81 | 144 | 4 | 1,622 | (^b) | 5 | 6 | (^b) | (^b) | (^b) |
| Other services | 161 | 84 | 26 | 1 | (^b) | (^b) | 77 | (^b) | -7 | 283 | (^b) |
| Other industries | 3,546 | 3,380 | 3,596 | 89 | (^b) | 9,354 | 167 | 62 | 1 | 434 | (^b) |
| Agriculture, forestry, and fishing | 52 | 8 | 1 | -1 | (^b) | (^b) | 44 | 1 | (^c) | 48 | 52,452 |
| Mining | 1,236 | 1,233 | 336 | 70 | 1,330 | 4,825 | 4 | 0 | 0 | (^b) | (^b) |
| Coal | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | 0 | 0 | 0 | 0 | 0 |
| Other | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | 4 | 0 | 0 | 0 | (^b) |
| Construction | (^b) | (^b) | (^b) | (^b) | (^b) | (^b) | 0 | 0 | 0 | 0 | 0 |
| Transportation | (^b) | (^b) | (^b) | 5 | (^b) | 0 | (^b) | (^b) | (^b) | (^b) | (^b) |
| Communication and public utilities | 1,303 | (^b) | (^b) | (^b) | 1,576 | (^b) | (| | | | |

BEA Working Paper Summary: An Analysis of the Use of Time-Series Models to Improve Initial Estimates of International Transactions

By Albert A. Hirsch and Michael A. Mann

THIS PAPER REPORTS ON AN INVESTIGATION TO SEE WHETHER THE USE OF TIME-SERIES MODELS COULD IMPROVE THE ACCURACY AND DECREASE THE BIAS OF THE INITIAL ESTIMATES OF INTERNATIONAL TRANSACTIONS DATA IN BOTH THE NATIONAL INCOME AND PRODUCT ACCOUNTS AND THE INTERNATIONAL TRANSACTIONS ACCOUNTS. CURRENTLY, THESE ESTIMATES REQUIRE A CONSIDERABLE DEGREE OF JUDGMENT IN LIEU OF COMPLETE SOURCE DATA.


The time-series models used were autoregressive moving-average time-series models. They were augmented when possible with appropriate economic indicators. The models were specified and estimated for three categories of international transactions components, chosen primarily because of the size of revisions of their initial estimates: Merchandise exports and imports, travel receipts and expenditures, and receipts and payments on direct investment. These models were used to predict values for these components one period ahead; summary measures of errors calculated from these predictions were then compared with the size of revisions made to BEA's actual initial estimates.

Among the 18 sets of comparisons made, there were only two instances in which the time-series models significantly outperformed the initial BEA estimates in terms of accuracy:

(Aggregate) nonpetroleum merchandise imports, and investment income payments in manufacturing industries. Among the remaining sets, the time-series models produced either a decrease in or little change in accuracy.

In three of the comparisons, the time-series models showed significantly reduced bias; in one of these—income payments in manufacturing industries—the time-series model also demonstrated improved accuracy.

It is concluded that the case for using time-series models to improve initial estimates of international transactions components is not strong. However, although model-based estimates should not be regarded as a satisfactory replacement for BEA's current estimating methodology, the study does suggest selected components for which model-based estimates may furnish useful additional information in making initial estimates.

The paper, which is BEA Working Paper No. 7, may be ordered from BEA's Public Information Office. Write to Order Desk, BE-53, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230, or call (202) 523-0777. The accession number is 53-93-10-003; the price is \$5.00. 

BUSINESS CYCLE INDICATORS

Data tables C-1
 Footnotes for pages C-1 through C-5 C-6
 Charts C-7

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.

Current and historical data for the series shown in the C-pages are available on printouts, diskettes, and the Commerce Department's Economic Bulletin Board. For more information, write to Business Cycle Indicators Branch, Business Outlook Division (BE-52), Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230.

NOTE.—This section of the SURVEY is prepared by the Business Cycle Indicators Branch.

| Series no. | Series title and timing classification | 1992 | | | | | | | | | | | | 1993 | | | |
|------------------------------|--|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--|
| | | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | |
| 1. COMPOSITE INDEXES | | | | | | | | | | | | | | | | | |
| The Leading Index | | | | | | | | | | | | | | | | | |
| 910 ♦ | Composite index of leading indicators, 1982=100 (L.L.L.) | 148.9 | 147.9 | 148.3 | 149.2 | 148.8 | 148.9 | 148.6 | 148.7 | 149.4 | 150.5 | 153.1 | 152.7 | 153.5 | 151.9 | 152.0 | |
| ♦ | Percent change from previous month | .5 | .4 | .3 | .6 | -.3 | .1 | -.2 | .1 | .5 | .7 | 1.7 | -.3 | .5 | -.1 | ..1 | |
| ♦ | Percent change over 3-month span, AR | 4.8 | 5.6 | 5.3 | 2.5 | 1.6 | -1.6 | -.3 | 1.3 | 5.2 | 12.4 | 9.1 | 8.2 | -3.1 | -1.8 | ..... |  |
| Leading index components: | | | | | | | | | | | | | | | | | |
| 1 ♦ | Average weekly hours, mfg. (L.L.L.) | 41.0 | 41.1 | 41.1 | 41.3 | 41.0 | 41.0 | 41.0 | 40.9 | 41.1 | 41.2 | 41.2 | 41.4 | 41.5 | 41.2 | 41.5 | |
| 5 ♦ | Average weekly initial claims for unemployment insurance, thous. (L.C.L.) ¹ § | 412 | 425 | 413 | 418 | 429 | 417 | 436 | 455 | 396 | 373 | 333 | 364 | 343 | 376 | 374 | |
| 8 ♦ | Mfrs.' new orders, consumer goods and materials, bil. 1982\$ (L.L.L.) | 1,092.41 | 88.65 | 90.17 | 89.73 | 90.70 | 91.53 | 90.02 | 90.41 | 92.00 | 93.74 | 98.26 | 98.16 | 97.21 | 95.41 | 95.81 | |
| 32 ♦ | Vendor performance, slower deliveries diffusion index, percent (L.L.L.) ² | 50.2 | 50.1 | 48.1 | 50.2 | 50.5 | 51.1 | 50.2 | 50.9 | 48.8 | 51.0 | 51.7 | 53.2 | 53.1 | 52.1 | 53.6 | |
| 20 ♦ | Contracts and orders for plant and equipment, bil. 1982\$ (L.L.L.) | 543.78 | 45.73 | 44.46 | 44.39 | 46.45 | 44.41 | 44.67 | 45.51 | 46.03 | 45.55 | 50.34 | 49.35 | 53.88 | 51.22 | 48.37 | |
| 29 ♦ | Index of new private housing units authorized by local building permits, 1967=100 (L.L.L.) § | 87.7 | 86.3 | 82.9 | 84.0 | 83.6 | 86.4 | 86.2 | 89.3 | 91.0 | 90.6 | 95.4 | 92.3 | 91.0 | 82.5 | 87.8 | |
| 92 ♦ | Change in mfrs.' unfilled orders, durable goods, bil. 1982\$, smoothed (L.L.L.) ³ | -2.79 | -2.57 | -2.65 | -2.70 | -2.74 | -2.96 | -3.17 | -3.47 | -3.24 | -3.23 | -2.66 | -1.87 | -1.19 | -1.23 | -1.58 | |
| 99 ♦ | Change in sensitive materials prices, percent, smoothed (L.L.L.) ⁴ | .27 | .14 | .51 | .77 | .83 | .72 | .52 | .50 | .22 | -.15 | -.26 | -.24 | -.18 | -.22 | -.35 | |
| 19 ♦ | Index of stock prices, 500 common stocks, 1941-43=10, NSA (L.L.L.) ⁵ | 415.74 | 407.36 | 407.41 | 414.81 | 408.27 | 415.05 | 417.93 | 418.48 | 412.50 | 422.84 | 435.64 | 435.23 | 441.70 | 450.16 | 443.08 | |
| 106 ♦ | Money supply M2, bil. 1982\$ (L.L.L.) | 2,387.3 | 2,401.5 | 2,392.8 | 2,391.4 | 2,382.7 | 2,377.2 | 2,378.4 | 2,380.4 | 2,378.3 | 2,376.4 | 2,372.5 | 2,354.5 | 2,338.6 | 2,333.8 | 2,324.8 | |
| 83 ♦ | Index of consumer expectations, U. of Michigan, 1966=100, NSA (L.L.L.) ⁶ | 70.3 | 70.3 | 70.5 | 71.2 | 70.7 | 67.6 | 69.5 | 67.4 | 67.5 | 78.2 | 89.5 | 83.4 | 80.6 | 75.8 | 76.4 | |
| 950 | Diffusion index of 11 leading indicator components: | | | | | | | | | | | | | | | | |
| ♦ | Percent rising over 1-month span | 54.5 | 40.9 | 45.5 | 45.5 | 36.4 | 50.0 | 40.9 | 54.5 | 63.6 | 63.6 | 77.3 | 36.4 | 54.5 | 9.1 | 54.5 | |
| ♦ | Percent rising over 6-month span | 67.4 | 68.2 | 63.6 | 54.5 | 54.5 | 59.1 | 63.6 | 81.8 | 81.8 | 81.8 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | |
| The Coincident Index | | | | | | | | | | | | | | | | | |
| 920 ♦ | Composite index of coincident indicators, 1982=100 (C.C.C.) | 123.6 | 123.4 | 123.4 | 123.4 | 123.3 | 123.8 | 123.2 | 123.3 | 123.9 | 124.2 | 125.5 | 125.4 | 125.6 | 125.8 | 125.3 | |
| ♦ | Percent change from previous month | .1 | 0 | 0 | 0 | -.1 | .4 | -.5 | .1 | .5 | .2 | 1.0 | -.1 | .2 | .2 | -.4 | |
| ♦ | Percent change over 3-month span, AR | 1.5 | 2.0 | 0 | -.3 | 1.3 | -.6 | 0 | .3 | 3.3 | 7.3 | 4.9 | 4.6 | 1.0 | -.3 | ..... |  |
| Coincident index components: | | | | | | | | | | | | | | | | | |
| 41 ♦ | Employees on nonagricultural payrolls, thous. (C.C.C.) | 108,437 | 108,200 | 108,377 | 108,496 | 108,423 | 108,594 | 108,485 | 108,497 | 108,571 | 108,646 | 108,752 | 108,865 | 109,203 | 109,194 | 109,313 | |
| 51 ♦ | Personal income less transfer payments, bil. 1987\$, AR (C.C.C.) | 3,391.2 | 3,386.0 | 3,377.6 | 3,380.7 | 3,377.3 | 3,375.8 | 3,387.5 | 3,382.4 | 3,412.8 | 3,411.6 | 3,441.5 | 3,439.3 | 3,432.3 | 3,450.1 | 3,434.7 | |
| 47 ♦ | Index of industrial production, 1987=100 (C.C.C.) § | 106.6 | 105.6 | 106.3 | 106.7 | 106.0 | 106.8 | 106.6 | 106.2 | 107.5 | 108.4 | 108.9 | 109.3 | 109.9 | 109.9 | 110.0 | |
| 57 ♦ | Manufacturing and trade sales, mil. 1987\$ (C.C.C.) | 5,849,872 | 482,047 | 483,154 | 480,624 | 486,048 | 490,651 | 485,449 | 491,591 | 491,220 | 495,195 | 505,405 | 505,014 | 506,532 | 507,256 | ..... |  |
| 951 | Diffusion index of 4 coincident indicator components: | | | | | | | | | | | | | | | | |
| ♦ | Percent rising over 1-month span | 65.6 | 75.0 | 75.0 | 75.0 | 25.0 | 87.5 | 25.0 | 37.5 | 75.0 | 87.5 | 100.0 | 50.0 | 75.0 | 75.0 | 66.7 | |
| ♦ | Percent rising over 6-month span | 90.6 | 75.0 | 100.0 | 87.5 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| The Lagging Index | | | | | | | | | | | | | | | | | |
| 930 ♦ | Composite index of lagging indicators, 1982=100 (Lg.Lg.Lg) | 106.0 | 108.0 | 107.5 | 106.3 | 105.4 | 104.7 | 104.9 | 104.2 | 104.1 | 104.6 | 104.2 | 103.8 | 104.3 | 104.1 | 104.2 | |
| ♦ | Percent change from previous month | -.5 | -.4 | -.5 | -.1 | -.8 | -.7 | .2 | -.7 | -.1 | .5 | -.4 | -.4 | -.5 | -.2 | .1 | |
| ♦ | Percent change over 3-month span, AR | -5.6 | -7.1 | -7.5 | -9.3 | -10.0 | -5.2 | -4.5 | -2.3 | -1.1 | 0 | -1.1 | -1.1 | -.4 | 1.6 | ..... |  |
| Lagging index components: | | | | | | | | | | | | | | | | | |
| 91 ♦ | Average duration of unemployment, weeks (Lg.Lg.Lg) § | 17.9 | 17.0 | 17.2 | 17.9 | 18.2 | 18.3 | 18.3 | 18.5 | 19.2 | 18.4 | 19.2 | 18.7 | 18.3 | 17.5 | 17.4 | |
| 77 ♦ | Ratio, mfg. and trade inventories to sales in 1987\$ (Lg.Lg.Lg) | 1.61 | 1.62 | 1.62 | 1.62 | 1.61 | 1.60 | 1.62 | 1.60 | 1.60 | 1.59 | 1.56 | 1.56 | 1.56 | 1.56 | 1.56 | |
| 62 ♦ | Change in labor cost per unit of output, mfg., percent, AR, smoothed (Lg.Lg.Lg) § | -1.5 | -2.7 | -3.2 | -3.2 | -2.1 | -1.8 | -1.2 | -.4 | -.1 | -1.6 | -.1 | -1.2 | -1.6 | -1.7 | -1.6 | |
| 109 ♦ | Average prime rate charged by banks, percent, NSA (Lg.Lg.Lg) ⁷ | 6.25 | 6.50 | 6.50 | 6.50 | 6.50 | 6.02 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | |
| 101 ♦ | Commercial and industrial loans outstanding, mil. 1982\$ (Lg.Lg.Lg) | 361,793 | 367,236 | 365,340 | 360,078 | 355,208 | 356,142 | 356,459 | 354,948 | 359,663 | 364,712 | 365,248 | 358,832 | 360,354 | 353,310 | 352,821 | |
| 95 ♦ | Ratio, consumer installment credit outstanding to personal income, percent (Lg.Lg.Lg) § | 14.51 | 14.66 | 14.59 | 14.52 | 14.51 | 14.47 | 14.46 | 14.43 | 14.27 | 14.31 | 14.27 | 14.25 | 14.32 | 14.30 | ..... |  |
| 120 ♦ | Change in Consumer Price Index for services, percent, AR, smoothed (Lg.Lg.Lg) § | 3.8 | 4.2 | 4.2 | 3.9 | 3.7 | 3.5 | 3.3 | 3.1 | 3.4 | 3.7 | 3.9 | 4.1 | 4.2 | 4.2 | 4.3 | |
| 952 | Diffusion index of 7 lagging indicator components: | | | | | | | | | | | | | | | | |
| ♦ | Percent rising over 1-month span | 32.1 | 35.7 | 35.7 | 14.3 | 7.1 | 14.3 | 28.6 | 21.4 | 57.1 | 64.3 | 50.0 | 42.9 | 71.4 | 35.7 | 70.0 | |
| ♦ | Percent rising over 6-month span | 22.6 | 0 | 0 | 7.1 | 0 | 14.3 | 14.3 | 42.9 | 42.9 | 71.4 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | |
| 940 ♦ | Ratio, coincident index to lagging index, 1982=100 (L.L.L.) | 116.7 | 114.3 | 114.8 | 116.1 | 117.0 | 118.2 | 117.4 | 118.3 | 119.0 | 118.7 | 120.4 | 120.8 | 120.4 | 120.8 | 120.2 | |

NOTE.—The following current high values were reached before March 1992: June 1991—BCI-106 (2,424.6); August 1991—BCI-92 smoothed (-0.96); and December 1991—BCI-62 smoothed (1.1) and BCI-77 (1.66). See page C-6 for other footnotes.

| Series no. | Series title and timing classification | 1992 | | | | | | | | | | | | 1993 | | | |
|---|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|-----------|-----------|--|
| | | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | |
| 2. LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT | | | | | | | | | | | | | | | | | |
| 441 | Labor force: | | | | | | | | | | | | | | | | |
| 442 | Civilian labor force, thous. | 126,982 | 126,548 | 126,743 | 127,039 | 127,298 | 127,350 | 127,404 | 127,274 | 127,066 | 127,365 | 127,591 | 127,083 | 127,327 | 127,429 | 127,341 | |
| | Civilian employment, thous. | 117,598 | 117,264 | 117,518 | 117,580 | 117,510 | 117,722 | 117,780 | 117,724 | 117,687 | 118,064 | 118,311 | 118,071 | 118,451 | 118,565 | 118,416 | |
| | Civilian labor force participation rates (percent): | | | | | | | | | | | | | | | | |
| 451 | Males 20 years and over | 77.3 | 77.4 | 77.4 | 77.7 | 77.6 | 77.4 | 77.5 | 77.3 | 77.3 | 77.1 | 77.1 | 76.8 | 76.8 | 76.9 | 76.8 | |
| 452 | Females 20 years and over | 58.4 | 58.4 | 58.4 | 58.3 | 58.5 | 58.6 | 58.5 | 58.3 | 58.2 | 58.4 | 58.5 | 58.2 | 58.2 | 58.2 | 58.1 | |
| 453 | Both sexes 16-19 years of age | 51.3 | 50.5 | 50.4 | 51.2 | 51.8 | 51.3 | 51.5 | 52.1 | 50.6 | 51.4 | 51.6 | 51.0 | 52.1 | 51.3 | 51.7 | |
| | Marginal employment adjustments: | | | | | | | | | | | | | | | | |
| 1 ♦ | Average weekly hours, mfg. (L,L,L) | 41.0 | 41.1 | 41.1 | 41.3 | 41.0 | 41.0 | 41.0 | 40.9 | 41.1 | 41.2 | 41.2 | 41.4 | 41.5 | 41.2 | P 41.5 | |
| 21 ♦ | Average weekly overtime hours, mfg. (L,C,L) | 3.8 | 3.8 | 3.9 | 4.1 | 3.8 | 3.8 | 3.7 | 3.5 | 3.8 | 3.9 | 3.9 | 4.0 | 4.2 | 3.9 | P 4.3 | |
| 5 ♦ | Average weekly initial claims for unemployment insurance, thous. (L,C,L) 1/2 | 412 | 425 | 413 | 418 | 429 | 417 | 436 | 455 | 396 | 373 | 333 | 364 | 343 | 376 | 374 | |
| | Job vacancies: | | | | | | | | | | | | | | | | |
| 46 ♦ | Index of help-wanted advertising, 1967=100 (L,L,U) | 92 | 93 | 90 | 93 | 92 | 91 | 93 | 90 | 92 | 95 | 95 | 92 | 97 | 96 | P 96 | |
| 60 | Ratio, help-wanted advertising to unemployed (L,L,U) | .290 | .298 | .290 | .293 | .280 | .281 | .287 | .280 | .292 | .304 | .305 | .304 | .325 | .322 | P .320 | |
| | Employment: | | | | | | | | | | | | | | | | |
| 48 ♦ | Employee hours in nonagricultural establishments, bil. hours, AR (U,C,C) | 200.46 | 200.64 | 200.12 | 201.07 | 200.10 | 199.92 | 200.86 | 199.30 | 200.27 | 201.61 | 201.18 | 201.40 | P 202.30 | P 201.78 | P 202.13 | |
| 42 | Persons engaged in nonagricultural activities, thous. (U,C,C) | 114,391 | 114,070 | 114,312 | 114,394 | 114,266 | 114,515 | 114,562 | 114,503 | 114,518 | 114,855 | 115,049 | 114,879 | 115,335 | 115,483 | 115,356 | |
| 41 ♦ | Employees on nonagricultural payrolls, thous. (C,C,C) | 108,437 | 108,200 | 108,377 | 108,496 | 108,423 | 108,594 | 108,485 | 108,497 | 108,571 | 108,646 | 108,752 | 108,865 | P 109,203 | P 109,194 | P 109,313 | |
| 963 | Diffusion index of employees on private nonagricultural payroll, 356 industries: | | | | | | | | | | | | | | | | |
| | Percent rising over 1-month span | 49.1 | 47.5 | 58.4 | 51.4 | 45.2 | 49.6 | 42.6 | 49.9 | 50.1 | 49.7 | 53.7 | 55.1 | P 61.5 | P 48.0 | P 51.8 | |
| | Percent rising over 6-month span | 49.0 | 49.7 | 51.1 | 47.3 | 49.3 | 42.8 | 42.0 | 46.2 | 47.6 | P 57.2 | P 56.7 | P 57.3 | | | | |
| 40 ♦ | Employees in goods-producing industries, thous. (L,C,U) | 23,420 | 23,532 | 23,530 | 23,548 | 23,470 | 23,459 | 23,362 | 23,296 | 23,270 | 23,280 | 23,263 | 23,267 | P 23,374 | P 23,293 | P 23,214 | |
| 90 ♦ | Ratio, civilian employment to population of working age, percent (U,L,U) | 61.4 | 61.4 | 61.5 | 61.5 | 61.4 | 61.4 | 61.4 | 61.3 | 61.3 | 61.4 | 61.5 | 61.3 | 61.4 | 61.4 | 61.3 | |
| | Unemployment: | | | | | | | | | | | | | | | | |
| 37 | Number of persons unemployed, thous. (L,L,U) 1/2 | 9,384 | 9,284 | 9,225 | 9,459 | 9,788 | 9,628 | 9,624 | 9,550 | 9,379 | 9,301 | 9,280 | 9,013 | 8,876 | 8,864 | 8,925 | |
| 43 ♦ | Civilian unemployment rate, percent (L,L,U) 1/2 | 7.4 | 7.3 | 7.3 | 7.4 | 7.7 | 7.6 | 7.6 | 7.5 | 7.4 | 7.3 | 7.3 | 7.1 | 7.0 | 7.0 | 7.0 | |
| 45 | Average weekly insured unemployment rate, percent (L,L,U) 2/3 | 3.0 | 3.1 | P 3.2 | 3.1 | 3.1 | 3.1 | P 3.0 | P 3.0 | 2.9 | P 2.8 | P 2.6 | 2.6 | 2.5 | 2.5 | 2.6 | |
| 91 ♦ | Average duration of unemployment, weeks (L,L,U) 2/3 | 17.9 | 17.0 | 17.2 | 17.9 | 18.2 | 18.3 | 18.3 | 18.5 | 19.2 | 18.4 | 19.2 | 18.7 | 18.3 | 17.5 | 17.4 | |
| 44 | Unemployment rate, 15 weeks and over, percent (L,L,U) 2/3 | 2.6 | 2.5 | 2.4 | 2.6 | 2.7 | 2.8 | 2.8 | 2.8 | 2.8 | 2.7 | 2.8 | 2.6 | 2.5 | 2.4 | 2.3 | |

3. OUTPUT, PRODUCTION, AND CAPACITY UTILIZATION

| | | | | | | | | | | | | | | | | |
|------|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|---------|---------|
| 55 ♦ | Output: | | | | | | | | | | | | | | | |
| | Gross domestic product, bil. 1987\$, AR (C,C,C) | 4,922.6 | | | 4,892.4 | | | 4,933.7 | | | 4,990.8 | | | P 5,002.5 | | |
| | Percent change from previous quarter, AR | 2.1 | | | 1.5 | | | 3.4 | | | 4.7 | | | P .9 | | |
| 50 | Gross national product, bil. 1987\$, AR (C,C,C) | 4,932.8 | | | 4,899.1 | | | 4,945.6 | | | 4,995.9 | | | P 5,019.6 | | |
| 49 | Value of domestic goods output, bil. 1987\$, AR (C,C,C) | 1,959.4 | | | 1,936.7 | | | 1,966.2 | | | 2,010.6 | | | P 2,017.1 | | |
| | Industrial production indexes, 1987=100: | | | | | | | | | | | | | | | |
| 47 ♦ | Total (C,C,C) \$ | 106.6 | P 105.6 | P 106.3 | P 106.7 | P 106.0 | P 106.8 | P 106.6 | P 106.2 | P 107.5 | P 108.4 | P 108.9 | P 109.3 | P 109.9 | P 109.9 | P 110.0 |
| 73 ♦ | Durable manufactures (C,C,C) \$ | 108.1 | P 106.7 | P 107.2 | P 108.4 | P 107.6 | P 108.2 | P 108.5 | P 108.1 | P 109.8 | P 110.9 | P 111.8 | P 112.9 | P 113.9 | P 114.0 | P 114.4 |
| 74 ♦ | Nondurable manufactures (C,L,L) \$ | 105.4 | P 105.3 | P 105.5 | P 105.4 | P 105.2 | P 105.7 | P 105.2 | P 105.8 | P 106.4 | P 106.0 | P 106.0 | P 106.4 | P 106.4 | P 106.4 | P 106.8 |
| 75 ♦ | Consumer goods (C,L,C) \$ | 105.2 | P 104.7 | P 105.4 | P 105.8 | P 104.0 | P 104.9 | P 105.1 | P 104.4 | P 106.4 | P 107.1 | P 107.5 | P 107.6 | P 108.2 | P 108.1 | P 107.9 |
| | Capacity utilization rates (percent): | | | | | | | | | | | | | | | |
| 124 | Total industry (L,C,U) \$ | 79.8 | P 79.5 | P 79.9 | P 80.1 | P 79.5 | P 80.0 | P 79.7 | P 79.3 | P 80.2 | P 80.8 | P 81.0 | P 81.2 | P 81.5 | P 81.4 | P 81.4 |
| 82 ♦ | Manufacturing (L,C,U) \$ | 78.8 | P 78.6 | P 78.8 | P 79.1 | P 78.6 | P 78.9 | P 78.7 | P 78.4 | P 79.2 | P 79.7 | P 79.8 | P 80.3 | P 80.5 | P 80.5 | P 80.7 |

4. SALES, ORDERS, AND DELIVERIES

| | | | | | | | | | | | | | | | | |
|------|--|-----------|-----------|-----------|---------|---------|---------|---------|---------|---------|---------|----------|-----------|-----------|-----------|-----------|
| 57 ♦ | Sales: | | | | | | | | | | | | | | | |
| 59 ♦ | Manufacturing and trade sales, mil. 1987\$ (C,C,C) | 5,849,872 | P 482,047 | P 483,154 | 480,624 | 486,048 | 490,651 | 485,449 | 491,591 | 491,220 | 495,195 | 505,405 | P 505,014 | P 506,532 | P 507,256 | |
| | Sales of retail stores, mil. 1987\$ (U,L,U) | 1,671,031 | P 137,262 | P 137,260 | 137,848 | 137,485 | 138,377 | 138,914 | 139,635 | 142,398 | 142,013 | 143,717 | 143,296 | P 142,594 | P 141,297 | P 142,605 |
| | Orders and deliveries: | | | | | | | | | | | | | | | |
| 7 ♦ | Mfrs.' new orders, durable goods, bil. 1982\$ (L,L,L) | 1,177.70 | 97.00 | 98.62 | 96.46 | 99.09 | 96.43 | 95.88 | 96.15 | 100.56 | 98.77 | P 107.99 | 105.45 | 107.39 | P 103.37 | P 103.00 |
| 8 ♦ | Mfrs.' new orders, consumer goods and materials, bil. 1982\$ (L,L,L) | 1,092.41 | 88.65 | 90.17 | 89.73 | 90.70 | 91.53 | 90.02 | 90.41 | 92.00 | 93.74 | P 98.26 | 98.16 | 97.21 | P 95.41 | P 95.81 |
| | Mfrs.' unfilled orders, durable goods, mil. 1982\$ | 360,926 | 383,777 | 382,275 | 379,611 | 376,850 | 372,579 | 369,071 | 364,610 | 364,137 | 359,965 | 360,926 | 361,676 | P 361,403 | P 356,994 | P 353,276 |
| | Change from previous month, bil. 1982\$ | -2.62 | -3.63 | -1.50 | -2.66 | -2.76 | -4.27 | -3.51 | -4.46 | -4.7 | -4.17 | .96 | .75 | P -2.7 | P -4.41 | P -3.72 |
| 92 ♦ | Change from previous month, bil. 1982\$, smoothed (L,L,L) 1/2 | -2.79 | -2.57 | -2.65 | -2.70 | -2.74 | -2.96 | -3.17 | -3.47 | -3.24 | -3.23 | -2.66 | -1.87 | P -1.19 | P -1.23 | P -1.58 |
| 32 ♦ | Vendor performance, slower deliveries diffusion index, percent (L,L,L) 1/2 | 50.2 | 50.1 | 48.1 | 50.2 | 50.5 | 51.1 | 50.2 | 50.9 | 48.8 | 51.0 | 51.7 | 53.2 | 53.1 | 52.1 | 53.6 |

5. FIXED CAPITAL INVESTMENT

| | | | | | | | | | | | | | | | | |
|-------|--|--------|--------|---------|--------|--------|--------|--------|--------|---------|----------|---------|-------|----------|---------|---------|
| 12 ♦ | Formation of business enterprises: | | | | | | | | | | | | | | | |
| 13 ♦ | Index of net business formation, 1967=100 (L,L,L) | 116.1 | 116.4 | P 115.4 | 113.2 | 117.5 | 116.6 | 114.2 | 118.5 | 116.4 | 115.4 | 117.0 | 121.3 | 121.3 | P 121.5 | |
| | Number of new business incorporations (L,L,L) | | 57,403 | 54,462 | 48,673 | 58,730 | 56,942 | 51,245 | 59,179 | 52,462 | P 55,557 | | | | | |
| | Business investment commitments: | | | | | | | | | | | | | | | |
| 10 | Contracts and orders for plant and equipment, bil. (L,L,L) | 411.45 | 36.37 | P 34.90 | 33.52 | 34.49 | 32.95 | 32.02 | 34.04 | 35.44 | 32.02 | 37.54 | 34.55 | 37.73 | P 34.83 | P 34.10 |
| 20 ♦ | Contracts and orders for plant and equipment, bil. 1982\$ (L,L,L) | 543.78 | 45.73 | P 44.46 | 44.39 | 46.45 | 44.41 | 44.67 | 45.51 | P 46.03 | P 45.55 | P 50.34 | 49.35 | P 53.88 | P 51.22 | P 48.37 |
| 27 ♦ | Mfrs.' new orders, nondurable capital goods, bil. 1982\$ (L,L,L) | 507.53 | 42.39 | 40.51 | 41.98 | 43.67 | 41.54 | 41.63 | 42.80 | 43.10 | 42.88 | 47.64 | 46.11 | P 51.45 | P 48.19 | P 46.21 |
| 9 ♦ | Construction contracts awarded for commercial and industrial buildings, mil. sq. ft. (L,C,U) 1/2 | 497.94 | 41.30 | 40.36 | 35.24 | 42.69 | 42.00 | 42.68 | 38.60 | 45.51 | 42.49 | 42.61 | 36.89 | 39.88 | 43.63 | 45.63 |
| 11 | New capital appropriations, mfg., bil. \$ (U,L,U) | | | | | | | | | | | | | | | |
| 97 | Backlog of capital appropriations, mfg., bil. \$ (C,L,L) 1/2 | | | | | | | | | | | | | | | |
| | Business investment expenditures: | | | | | | | | | | | | | | | |
| 61 | New plant and equipment expenditures by business, bil. \$, AR (C,L,L) 1/2 | 546.08 | | | 540.91 | | | 547.53 | | | 560.16 | | | P 571.41 | | |
| 100 ♦ | New plant and equipment expenditures by business, bil. 1987\$, AR (C,L,L) 1/2 | 512.92 | | | 505.99 | | | 516.53 | | | 528.96 | | | P 541.48 | | |

NOTE.—The following current high values were reached before March 1992: July 1991—BCI-10 (39.01) and BCI-92 change (5.66); August 1991—BCI-92 smoothed (-0.96); 3d Q 1991—BCI-11 (33.83); and October 1991—BCI-9 (50.37). See page C-6 for other footnotes.

SURVEY OF CURRENT BUSINESS

May 1993 • C-3

| Series no. | Series title and timing classification | Year | 1992 | | | | | | | | | | 1993 | | | |
|--|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| 5. FIXED CAPITAL INVESTMENT—Continued | | | | | | | | | | | | | | | | |
| 69 | Business investment expenditures—Continued: | 441.69 | 449.23 | 432.80 | 427.89 | 457.56 | 442.75 | 428.95 | 442.75 | 439.89 | 452.26 | 467.30 | 450.48 | 456.47 | 472.44 | 453.46 |
| 76 | Mfrs.' machinery and equipment sales and business construction expenditures, bil. \$, AR (C.Lg.Lg). | 123.2 | 119.0 | 120.6 | 122.1 | 121.9 | 123.7 | 126.1 | 125.0 | 127.5 | 129.0 | 129.6 | 131.2 | 131.8 | 132.9 | 134.0 |
| | Index of industrial production, business equipment, 1987=100 (C.Lg.U) \$. | | | | | | | | | | | | | | | |
| | Gross private nonresidential fixed investment, bil. 1987\$, AR: | | | | | | | | | | | | | | | |
| 86 | Total (C.Lg.C) | 515.0 | | | 514.7 | | | 518.7 | | | 530.9 | | | 545.4 | | |
| 87 | Structures (Lg.Lg) | 146.8 | | | 149.1 | | | 144.7 | | | 144.0 | | | 143.4 | | |
| 88 | Producers' durable equipment (C.Lg.C) | 368.2 | | | 365.6 | | | 374.0 | | | 386.9 | | | 402.0 | | |
| Residential construction and investment: | | | | | | | | | | | | | | | | |
| 28 | New private housing units started, thous., AR (L.L.L) | 1,200 | 1,318 | 1,095 | 1,197 | 1,141 | 1,106 | 1,229 | 1,218 | 1,226 | 1,226 | 1,286 | 1,171 | 1,180 | 1,137 | 1,213 |
| 29 | Index of new private housing units authorized by local building permits, 1967=100 (L.L.L) \$. | 87.7 | 86.3 | 82.9 | 84.0 | 83.6 | 86.4 | 86.2 | 89.3 | 91.0 | 90.6 | 95.4 | 92.3 | 91.0 | 82.5 | 87.8 |
| 89 | Gross private residential fixed investment, bil. 1987\$, AR (L.L.L). | 192.6 | | | 191.2 | | | 191.3 | | | 202.3 | | | 202.2 | | |

| 6. INVENTORIES AND INVENTORY INVESTMENT | | | | | | | | | | | | | | | | |
|--|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 70 | Inventories on hand: | 786.63 | 780.49 | 781.42 | 779.50 | 782.34 | 785.19 | 786.85 | 784.85 | 784.27 | 785.44 | 786.63 | 786.78 | 788.99 | 792.80 | |
| 77 | Mfg. and trade inventories, bil. 1987\$ (Lg.Lg.Lg) \$ | 1.61 | 1.62 | 1.62 | 1.62 | 1.61 | 1.60 | 1.62 | 1.60 | 1.60 | 1.59 | 1.56 | 1.56 | 1.56 | 1.56 | |
| | Ratio, mfg. and trade inventories to sales in 1987\$ (Lg.Lg.Lg). | | | | | | | | | | | | | | | |
| 30 | Inventory investment: | 5.0 | | | 7.8 | | | 15.0 | | | 9.8 | | | 36.8 | | |
| 31 | Change in business inventories, bil. 1987\$, AR (L.L.L) .. | 15.6 | 20.4 | 41.3 | -4.4 | 55.4 | 40.6 | 27.0 | -11.5 | 11.4 | 14.9 | 26.6 | 26.6 | 42.5 | 78.8 | |
| | Change in mfg. and trade inventories, bil. \$, AR (L.L.L) .. | | | | | | | | | | | | | | | |

| 7. PRICES | | | | | | | | | | | | | | | | |
|---|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| Sensitive commodity prices: | | | | | | | | | | | | | | | | |
| 99 | Index of sensitive materials prices, 1982=100 | 119.61 | 118.53 | 120.10 | 121.08 | 121.22 | 120.88 | 120.56 | 122.03 | 120.26 | 118.59 | 119.39 | 119.88 | 119.98 | 119.10 | 117.90 |
| | Percent change from previous month | .21 | 1.74 | 1.32 | .82 | .12 | -.28 | -.26 | 1.22 | -1.45 | -1.39 | .67 | .41 | .08 | -.73 | |
| | Percent change from previous month, smoothed (L.L.L) \$. | .27 | .14 | .51 | .77 | .83 | .72 | .52 | .50 | .22 | -.15 | -.26 | -.24 | -.18 | -.22 | |
| 98 | Index of producer prices for sensitive crude and intermediate materials, 1982=100 (L.L.L). | 141.98 | 141.83 | 141.33 | 141.73 | 141.40 | 141.21 | 141.28 | 142.97 | 142.96 | 144.17 | 148.80 | 153.56 | 158.72 | 163.01 | 162.31 |
| | Cattle hides | 171.6 | 166.3 | 161.9 | 168.9 | 169.2 | 167.5 | 172.1 | 180.2 | 180.9 | 177.4 | 180.3 | 187.8 | 177.4 | 177.4 | 171.4 |
| | Lumber and wood products | 146.7 | 146.0 | 145.5 | 145.4 | 144.9 | 143.4 | 145.0 | 148.6 | 150.2 | 151.9 | 157.1 | 161.9 | 169.4 | 177.9 | 179.6 |
| | Waste paper, news | 91.6 | 83.8 | 83.0 | 85.0 | 88.7 | 91.6 | 94.3 | 96.9 | 97.3 | 100.6 | 100.4 | 101.0 | 108.6 | 108.6 | 109.6 |
| | Waste paper, mixed, NSA | 64.5 | 51.7 | 55.6 | 56.3 | 56.5 | 52.1 | 51.2 | 84.6 | 86.7 | 86.7 | 87.0 | 84.7 | 86.6 | 98.0 | 104.4 |
| | Waste paper, corrugated | 146.4 | 148.4 | 149.2 | 150.3 | 149.2 | 148.9 | 138.7 | 139.6 | 139.3 | 145.4 | 145.5 | 146.1 | 144.0 | 146.1 | 146.3 |
| | Iron and steel scrap | 139.2 | 143.6 | 141.6 | 141.3 | 139.8 | 141.0 | 135.8 | 134.9 | 133.5 | 135.8 | 142.8 | 148.3 | 159.5 | 158.3 | 154.1 |
| | Copper base scrap | 162.9 | 162.6 | 160.1 | 162.4 | 169.1 | 173.9 | 171.9 | 163.6 | 159.1 | 155.9 | 155.3 | 164.5 | 162.5 | 152.4 | 140.1 |
| | Aluminum base scrap | 137.5 | 138.9 | 142.7 | 145.4 | 143.4 | 144.5 | 143.2 | 135.1 | 131.1 | 129.4 | 136.3 | 143.5 | 136.5 | 128.9 | 122.7 |
| | Other nonferrous scrap, n.e.c., NSA | 131.4 | 133.6 | 136.8 | 135.8 | 134.2 | 136.7 | 138.9 | 133.9 | 128.4 | 123.4 | 124.6 | 129.7 | 128.1 | 126.6 | 119.8 |
| | Sand, gravel, and crushed stone | 130.6 | 130.1 | 130.1 | 130.1 | 130.2 | 130.8 | 131.0 | 131.1 | 131.4 | 131.5 | 132.1 | 132.8 | 132.6 | 132.4 | 133.1 |
| | Raw cotton | 89.8 | 85.3 | 85.6 | 87.8 | 89.0 | 95.7 | 92.6 | 94.8 | 85.8 | 89.3 | 92.8 | 96.9 | 94.0 | 95.8 | 88.7 |
| | Domestic apparel wool | 81.5 | 86.9 | 86.1 | 89.0 | 85.0 | 84.7 | 83.6 | 83.5 | 80.7 | 73.7 | 74.0 | 66.6 | 63.1 | 55.3 | 52.3 |
| 23 | Index of spot market prices, raw industrial materials, 1967=100, NSA (U.L.L) \$. | 275.5 | 268.0 | 278.1 | 281.5 | 284.2 | 285.7 | 283.1 | 284.7 | 277.7 | 267.7 | 266.4 | 268.7 | 270.0 | 266.9 | 261.5 |
| | Copper scrap, \$ per lb. @ | .873 | .827 | .825 | .873 | .911 | 1.017 | .986 | .895 | .841 | .793 | .834 | .906 | .888 | .811 | .717 |
| | Lead scrap, \$ per lb. @ | .163 | .168 | .177 | .175 | .168 | .156 | .153 | .168 | .179 | .150 | .146 | .150 | .159 | .162 | .149 |
| | Steel scrap, \$ per ton @ | 90.237 | 89.510 | 91.185 | 91.241 | 91.065 | 88.589 | 86.022 | 87.280 | 89.930 | 92.282 | 96.118 | 97.361 | 109.091 | 109.347 | 105.380 |
| | Tin, \$ per lb., NSA @ | 4.022 | 3.756 | 3.870 | 4.032 | 4.352 | 4.503 | 4.409 | 4.344 | 3.952 | 3.802 | 3.803 | 3.901 | 3.635 | 3.779 | 3.738 |
| | Zinc, \$ per lb., NSA @ | .609 | .601 | .640 | .665 | .673 | .635 | .663 | .673 | .573 | .520 | .530 | .524 | .535 | .496 | .504 |
| | Burlap, \$ per yd., NSA @ | .259 | .271 | .271 | .269 | .266 | .258 | .252 | .249 | .245 | .245 | .245 | .245 | .245 | .245 | .245 |
| | Cotton, \$ per lb. @ | .539 | .529 | .534 | .529 | .538 | .578 | .563 | .539 | .508 | .525 | .552 | .577 | .580 | .569 | .540 |
| | Print cloth, \$ per yd., NSA @ | .732 | .758 | .787 | .782 | .782 | .744 | .700 | .696 | .690 | .675 | .660 | .650 | .640 | .652 | .650 |
| | Wool tops, \$ per lb., NSA @ | 3.870 | 4.040 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 3.840 | 3.750 | 3.625 | 3.520 | 3.400 | 3.312 | 3.160 | 3.000 |
| | Hides, \$ per lb., NSA @ | .758 | .696 | .768 | .800 | .764 | .765 | .730 | .764 | .815 | .795 | .812 | .801 | .800 | .816 | .814 |
| | Rosin, \$ per 100 lb. @ | 60.008 | 59.113 | 59.406 | 59.821 | 60.181 | 60.729 | 60.914 | 60.729 | 60.423 | 59.880 | 59.642 | 59.642 | 59.524 | 59.642 | 59.761 |
| | Rubber, \$ per lb. @ | .463 | .434 | .456 | .465 | .465 | .459 | .466 | .467 | .490 | .494 | .494 | .489 | .475 | .453 | .437 |
| | Tallow, \$ per lb. @ | .141 | .124 | .134 | .139 | .133 | .144 | .164 | .155 | .153 | .160 | .149 | .147 | .146 | .152 | .158 |
| Producer Price Indexes: | | | | | | | | | | | | | | | | |
| 336 | Finished goods, 1982=100 | 123.2 | 122.5 | 122.8 | 123.2 | 123.5 | 123.5 | 123.6 | 123.9 | 124.0 | 123.8 | 123.8 | 124.0 | 124.5 | 125.0 | 125.7 |
| | Percent change over 1-month span | .1 | .2 | .2 | .3 | .2 | .0 | .1 | .2 | .1 | -.2 | .0 | .2 | .4 | .6 | |
| | Percent change over 6-month span, AR | 1.7 | 2.6 | 2.6 | 2.3 | 2.3 | 2.0 | 1.0 | .5 | .8 | 1.5 | 1.8 | 2.8 | | | |
| 337 | Finished goods less foods and energy, 1982=100 | 134.2 | 133.6 | 134.0 | 134.5 | 134.2 | 134.4 | 134.4 | 134.6 | 134.5 | 134.8 | 135.0 | 135.4 | 135.8 | 136.0 | 136.5 |
| | Percent change over 1-month span | .2 | .3 | .3 | .4 | -.2 | .1 | .0 | -.1 | -.1 | -.2 | -.1 | .3 | .3 | .1 | |
| | Percent change over 6-month span, AR | 1.9 | 2.7 | 2.0 | 1.8 | 1.5 | .7 | .4 | 1.2 | 1.5 | 2.1 | 2.1 | 3.0 | | | |
| 334 | Finished consumer goods, 1982=100 | 121.7 | 120.9 | 121.1 | 121.6 | 122.1 | 122.1 | 122.1 | 122.5 | 122.6 | 122.3 | 122.3 | 122.5 | 123.0 | 123.5 | 124.3 |
| | Percent change over 1-month span | .1 | .2 | .2 | .4 | .4 | .0 | .3 | .1 | -.2 | .0 | .2 | .4 | .4 | .6 | |
| | Percent change over 6-month span, AR | 1.8 | 2.8 | 3.2 | 2.5 | 2.7 | 2.5 | 1.2 | .3 | .7 | 1.5 | 1.6 | 2.8 | | | |
| 333 | Capital equipment, 1982=100 | 129.1 | 128.8 | 129.1 | 129.2 | 129.1 | 129.2 | 129.5 | 129.5 | 129.3 | 129.5 | 129.7 | 130.0 | 130.6 | 130.8 | 131.0 |
| | Percent change over 1-month span | .1 | .3 | .2 | .1 | -.1 | .1 | .2 | .0 | -.2 | .2 | .2 | .2 | .5 | .2 | |
| | Percent change over 6-month span, AR | 1.5 | 2.2 | 1.4 | 1.7 | 1.1 | .3 | .5 | .9 | 1.2 | 1.7 | 2.0 | 2.6 | | | |
| 332 | Intermediate materials, supplies, and components, 1982=100. | 114.7 | 113.9 | 114.1 | 114.5 | 115.3 | 115.3 | 115.3 | 115.5 | 115.2 | 114.9 | 114.9 | 115.3 | 115.9 | 116.3 | 116.5 |
| | Percent change over 1-month span | .1 | .1 | .2 | .4 | .7 | .0 | .2 | .3 | -.3 | -.3 | .0 | .3 | .5 | .3 | |
| | Percent change over 6-month span, AR | 1.5 | 2.8 | 3.7 | 2.7 | 2.8 | 1.9 | .7 | -.7 | .0 | 1.0 | 1.4 | 2.3 | | | |
| 331 | Crude materials for further processing, 1982=100 | 100.4 | 97.1 | 98.1 | 100.1 | 101.5 | 101.6 | 100.9 | 103.0 | 102.7 | 102.6 | 101.5 | 101.9 | 101.4 | 101.8 | 103.0 |
| | Percent change over 1-month span | .3 | -1.7 | 1.0 | 2.0 | 1.4 | .1 | -.7 | 2.1 | -.3 | -.1 | -.1 | .4 | -.5 | .4 | |
| | Percent change over 6-month span, AR | 3.4 | 6.4 | 9.0 | 4.3 | 12.5 | 9.6 | 5.1 | .0 | .6 | 1.0 | -.2 | .6 | | | |
| 311 | Fixed-weighted price index, gross domestic business product, 1987=100 \$. | 120.6 | | | 120.2 | | | 120.9 | | | 121.9 | | | 123.0 | | |
| | Percent change from previous quarter, AR \$ | 2.6 | | | 2.7 | | | 2.3 | | | 3.4 | | | 3.8 | | |
| Consumer Price Indexes for all urban consumers: | | | | | | | | | | | | | | | | |
| 320 | All items, 1982-84=100, NSA | 140.3 | 139.3 | 139.5 | 139.7 | 140.2 | 140.5 | 140.9 | 141.3 | 141.8 | 142.0 | 141.9 | 142.6 | 143.1 | 143.6 | 144.0 |
| | Percent change over 1-month span | .2 | .4 | .3 | .1 | .2 | .3 | .2 | .1 | .4 | .2 | .1 | .5 | .3 | .1 | |
| | Percent change over 6-month span, AR | 3.1 | 3.1 | 3.1 | 3.0 | 2.6 | 2.9 | 3.0 | 2.9 | 3.3 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | |
| 323 | All items less food and energy, 1982-84=100 | 147.3 | 146.3 | 146.7 | 147.1 | 147.3 | 147.8 | 148.1 | 148.2 | 148.9 | 149.3 | 149.6 | 150.3 | 151.0 | 151.2 | 151.8 |
| | Percent change over 1-month span | .3 | | | | | | | | | | | | | | |

| Series no. | Series title and timing classification | Year | 1992 | | | | | | | | | | 1993 | | | |
|--|--|----------|---------|-----------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| 8. PROFITS AND CASH FLOW | | | | | | | | | | | | | | | | |
| 16 ♦ | Profits and profit margins: | | | | | | | | | | | | | | | |
| 18 ♦ | Corporate profits after tax, bil.\$, AR (L.L.L.) | 231.4 | | | 232.7 | | | 222.2 | | | | 241.0 | | | P 253.8 | |
| 22 ♦ | Corporate profits after tax, bil. 1987\$. AR (L.L.L.) | 197.9 | | | 199.3 | | | 189.2 | | | | 205.2 | | | P 216.7 | |
| | Ratio, corporate domestic profits after tax to corporate domestic income, percent (L.L.L.) | 6.1 | | | 6.3 | | | 5.8 | | | | 6.4 | | | P 6.3 | |
| 81 ♦ | Ratio, corporate domestic profits after tax with IVA and CCAAdj to corporate domestic income, percent (U.L.L.) | 6.9 | | | 6.7 | | | 6.5 | | | | 7.8 | | | P 7.4 | |
| 26 ♦ | Ratio, implicit price deflator to unit labor cost, all persons, nonfarm business sector, 1982=100(L.L.L.) | 103.7 | | | 103.7 | | | 103.4 | | | | 104.3 | | | P 104.0 | |
| 35 | Corporate net cash flow, bil. 1987\$, AR (L.L.L.) | 466.5 | | | 463.5 | | | 466.2 | | | | 477.0 | | | P 492.9 | |
| 9. WAGES, LABOR COSTS, AND PRODUCTIVITY | | | | | | | | | | | | | | | | |
| 345 | Wages and compensation: | | | | | | | | | | | | | | | |
| | Index of average hourly compensation, all employees, nonfarm business sector, 1982=100. | 150.4 | | | 149.4 | | | 150.9 | | | | 152.5 | | | P 153.8 | |
| 346 | Percent change from previous quarter, AR | 3.7 | | | 2.5 | | | 4.2 | | | | 4.3 | | | P 3.4 | |
| | Index of real average hourly compensation, all employees, nonfarm business sector, 1982=100. | 103.4 | | | 103.0 | | | 103.4 | | | | 103.7 | | | P 103.6 | |
| | Percent change from previous quarter, AR | .7 | | | -.6 | | | 1.5 | | | | 1.1 | | | P -.4 | |
| 53 ♦ | Wages and salaries in mining, mfg., and construction, bil. 1987\$, AR (C.C.C.) | 593.5 | 595.3 | 595.2 | 597.5 | 594.0 | 592.4 | 591.6 | 588.5 | 592.8 | | 589.4 | 595.9 | 588.9 | P 591.5 | P 589.7 |
| 63 | Unit labor costs: | | | | | | | | | | | | | | | |
| | Index of unit labor cost, all persons, business sector, 1982=100 (Lg.Lg.Lg.) | 134.3 | | | 134.1 | | | 134.5 | | | | 134.6 | | | P 135.8 | |
| | Index of labor cost per unit of output, mfg., 1987=100 \$ | 109.4 | 109.3 | 109.3 | 109.2 | 109.6 | 109.2 | 109.3 | 109.5 | 109.4 | | 108.1 | 109.5 | 108.0 | P 108.1 | P 108.0 |
| | Percent change from previous month, AR \$ | -1.7 | -6.4 | 0 | -1.1 | 4.5 | -4.3 | 1.1 | 2.2 | -1.1 | | -13.4 | 16.7 | -15.3 | P 1.1 | P -1.1 |
| 62 ♦ | Percent change from previous month, AR, smoothed (Lg.Lg.Lg.) % | -1.5 | -2.7 | -3.2 | -3.2 | -2.1 | -1.8 | -1.2 | -4 | -1 | | -1.6 | -1 | -1.2 | P -1.6 | P -1.7 |
| 370 | Productivity: | | | | | | | | | | | | | | | |
| | Index of output per hour, all persons, business sector, 1982=100. | 113.3 | | | 112.6 | | | 113.5 | | | | 114.7 | | | P 114.7 | |
| ♦ | Percent change over 1-quarter span, AR | 2.9 | | | 1.0 | | | 3.3 | | | | 4.3 | | | P .1 | |
| ♦ | Percent change over 4-quarter span, AR | | | | 3.1 | | | 2.2 | | | | | | | | |
| 358 | Index of output per hour, all persons, nonfarm business sector, 1982=100. | 111.6 | | | 111.1 | | | 111.8 | | | | 113.0 | | | P 113.0 | |
| 10. PERSONAL INCOME AND CONSUMER ATTITUDES | | | | | | | | | | | | | | | | |
| 52 | Personal income: | | | | | | | | | | | | | | | |
| | Personal income, bil. 1987\$, AR (C.C.C.) | 4,091.9 | 4,076.2 | 4,070.9 | 4,078.4 | 4,076.5 | 4,078.1 | 4,094.3 | 4,090.9 | 4,125.9 | 4,118.3 | 4,155.2 | 4,161.8 | 4,153.1 | P 4,175.4 | P 4,159.7 |
| 51 ♦ | Personal income less transfer payments, bil. 1987\$, AR (C.C.C.) | 3,391.2 | 3,386.0 | 3,377.6 | 3,380.7 | 3,377.3 | 3,375.8 | 3,387.5 | 3,382.4 | 3,412.8 | 3,411.6 | 3,441.5 | 3,439.3 | 3,432.3 | P 3,450.1 | P 3,434.7 |
| 58 | Indexes of consumer attitudes: | | | | | | | | | | | | | | | |
| | Consumer sentiment, U. of Michigan, 1966:I=100, NSA (L.L.L.) © 1. | 77.3 | 76.0 | 77.2 | 79.2 | 80.4 | 76.6 | 76.1 | 75.6 | 73.3 | 85.3 | 91.0 | 89.3 | 86.6 | 85.9 | 85.6 |
| 83 ♦ | Consumer expectations, U. of Michigan, 1966:I=100, NSA (L.L.L.) © 1. | 70.3 | 70.3 | 70.5 | 71.2 | 70.7 | 67.6 | 69.5 | 67.4 | 67.5 | 78.2 | 89.5 | 83.4 | 80.6 | 75.8 | 76.4 |
| 122 | Consumer confidence, The Conference Board, 1985=100 (L.L.L.)* | 61.6 | 56.5 | 65.1 | 71.9 | 72.6 | 61.2 | 59.0 | 57.3 | 54.6 | 65.6 | 78.1 | 76.7 | 68.5 | 63.2 | 67.6 |
| 123 ♦ | Consumer expectations, The Conference Board, 1985=100 (L.L.L.)* | 82.0 | 76.7 | 89.7 | 96.9 | 95.9 | 80.1 | 78.3 | 74.2 | 70.7 | 85.7 | 103.9 | 98.0 | 84.7 | 77.3 | 81.1 |
| 11. SAVING | | | | | | | | | | | | | | | | |
| 290 | Gross saving, bil.\$, AR | 686.3 | | | 682.9 | | | 696.9 | | | | 687.9 | | | P 736.5 | |
| 295 | Business saving, bil.\$, AR | 757.7 | | | 735.9 | | | 788.9 | | | | 770.6 | | | P 786.0 | |
| 292 | Personal saving, bil.\$, AR | 212.6 | | | 232.3 | | | 203.3 | | | | 200.4 | | | P 219.0 | |
| 298 ♦ | Government surplus or deficit, bil.\$, AR | -282.5 | | | -282.3 | | | -295.2 | | | | -277.2 | | | P -262.5 | |
| 293 ♦ | Personal saving rate, percent | 4.8 | | | 5.3 | | | 4.6 | | | | 4.4 | | | P 4.8 | |
| 12. MONEY, CREDIT, INTEREST RATES, AND STOCK PRICES | | | | | | | | | | | | | | | | |
| 85 ♦ | Money: | | | | | | | | | | | | | | | |
| | Percent change in money supply M1 (L.L.L.)* | 1.11 | .96 | .65 | 1.17 | .04 | 1.12 | 1.27 | 1.50 | 1.60 | 1.31 | .74 | .65 | -.02 | .22 | P .75 |
| 102 ♦ | Percent change in money supply M2 (L.C.U.) | .12 | 0 | -.09 | .08 | -.16 | .04 | .25 | .22 | .32 | .19 | -.03 | -.29 | -.34 | -.07 | P .02 |
| 105 | Money supply M1, bil. 1982\$ (L.L.L.) | 664.2 | 647.6 | 650.0 | 656.7 | 655.6 | 661.2 | 668.2 | 677.2 | 685.2 | 692.3 | 696.5 | 697.7 | 695.2 | 695.8 | P 698.3 |
| 106 ♦ | Money supply M2, bil. 1982\$ (L.L.L.) | 2,387.3 | 2,401.5 | 2,392.8 | 2,391.4 | 2,382.7 | 2,377.2 | 2,378.4 | 2,380.4 | 2,378.3 | 2,376.4 | 2,372.5 | 2,354.5 | 2,338.6 | 2,333.8 | P 2,324.8 |
| 107 | Velocity of money: | | | | | | | | | | | | | | | |
| | Ratio, gross domestic product to money supply M1 (C.C.C.) | 6.161 | | | 6.221 | | | 6.124 | | | | 5.979 | | | P 5.946 | |
| 108 | Ratio, personal income to money supply M2 (C.L.G.C.) | 1.456 | 1.445 | 1.448 | 1.451 | 1.455 | 1.458 | 1.456 | 1.460 | 1.474 | 1.470 | 1.485 | 1.498 | 1.505 | 1.515 | P 1.515 |
| 93 | Bank reserves: | | | | | | | | | | | | | | | |
| | Free reserves, mil.\$, NSA (L.U.U.) ‡ | 854 | 939 | 1,049 | 845 | 684 | 681 | 684 | 707 | 931 | 939 | 1,032 | 1,096 | 1,059 | 1,122 | P 1,023 |
| 94 | Member bank borrowings from the Federal Reserve, mil.\$, NSA (L.G.U.) | 172 | 91 | 90 | 155 | 229 | 284 | 251 | 287 | 143 | 104 | 124 | 165 | 45 | 91 | P 73 |
| 112 ♦ | Credit flows: | | | | | | | | | | | | | | | |
| | Net change in business loans, bil.\$, AR (L.L.L.) | -11 | -12.97 | -17.65 | -34.54 | -34.39 | 8.95 | -4.08 | -8.56 | 71.08 | 58.43 | -1.19 | -73.32 | 30.19 | -78.71 | P 14.21 |
| 113 ♦ | Net change in consumer installment credit, bil.\$, AR (L.L.L.) § | 7.58 | 2.51 | -32.38 | -13.49 | 3.05 | -4.44 | 6.32 | 24.00 | 14.06 | 21.94 | 60.84 | 37.24 | 54.83 | 41.28 | |
| 111 | Percent change in business and consumer credit outstanding, AR (L.L.L.) | | -7.2 | -6.0 | -3.8 | -7.0 | -3.1 | -3.6 | -9 | 3.0 | 2.2 | | | | | |
| 110 ♦ | Funds raised by private nonfinancial borrowers in credit markets, mil.\$, AR (L.L.L.) | 307,589 | | | 286,380 | | | 313,172 | | | | P 302,292 | | | | |
| 14 | Credit difficulties: | | | | | | | | | | | | | | | |
| | Current liabilities of business failures, mil.\$, NSA (L.L.L.) ‡ | 92,174.6 | 6,322.2 | P 7,861.2 | P 12,020.3 | P 13,932.0 | P 3,574.6 | P 9,031.7 | P 3,215.7 | P 7,863.4 | P 3,982.9 | P 8,136.8 | P 6,174.9 | P 2,406.7 | P 4,343.0 | |
| 39 | Percent of consumer installment loans delinquent 30 days and over (L.L.L.) © 1/2 ‡ | 2.43 | 2.86 | 2.67 | 2.77 | 2.60 | 2.55 | 2.60 | 2.46 | 2.51 | 2.53 | 2.43 | | | | |

NOTE.—The following current high values were reached before March 1992: June 1991—BCI-106 (2,424.6); July 1991—BCI-93 (345); August 1991—BCI-94 (764); October 1991—BCI-53 (608.4); December 1991—BCI-62 index (111.7) and BCI-62 smoothed (1.1); February 1992—BCI-85 (1.61) and BCI-102 (0.48); and 1st Q 1992—BCI-110

(328.512).

See page C-6 for other footnotes.

| Series no. | Series title and timing classification | Year | 1992 | | | | | | | | | | 1993 | | | |
|--|--|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| 12. MONEY, CREDIT, INTEREST RATES, AND STOCK PRICES—Continued | | | | | | | | | | | | | | | | |
| 66 | Outstanding debt: | | | | | | | | | | | | | | | |
| | Consumer installment credit outstanding, mil.\$ (Lg.Lg.) ¹ \$ | 741,093 | *734,434 | *731,736 | *730,612 | *730,866 | *730,496 | *731,023 | *733,023 | *734,195 | *736,023 | *741,093 | *744,196 | *748,765 | *752,205 | ..... |
| 72 | Commercial and industrial loans outstanding, mil.\$ (Lg.Lg.) | 423,955 | 426,361 | 424,890 | 422,012 | 419,146 | 419,892 | 419,552 | 418,839 | 424,762 | 429,631 | *429,532 | *423,422 | *425,938 | *419,379 | *420,563 |
| 101 | Commercial and industrial loans outstanding, mil. 1982\$ (Lg.Lg.) | 361,793 | 367,236 | 365,340 | 360,078 | 355,208 | 356,142 | 356,459 | 354,948 | 359,663 | 364,712 | *365,248 | *358,832 | *360,354 | *353,310 | *352,821 |
| 95 | Ratio, consumer installment credit outstanding to personal income, percent (Lg.Lg.) \$ | 14.51 | *14.66 | *14.59 | *14.52 | *14.51 | *14.47 | *14.46 | *14.43 | *14.27 | *14.31 | *14.27 | *14.25 | *14.32 | *14.30 | ..... |
| | Interest rates (percent, NSA): | | | | | | | | | | | | | | | |
| 119 | Federal funds rate (L.Lg.Lg.) ² | 3.52 | 3.98 | 3.73 | 3.82 | 3.76 | 3.25 | 3.30 | 3.22 | 3.10 | 3.09 | 2.92 | 3.02 | 3.03 | 3.07 | 2.96 |
| 114 | Discount rate on new 91-day Treasury bills (C.Lg.Lg.) ³ | 3.46 | 4.05 | 3.81 | 3.66 | 3.70 | 3.28 | 3.14 | 2.97 | 2.84 | 3.14 | 3.25 | 3.06 | 2.95 | 2.97 | 2.89 |
| 116 | Yield on new high-grade corporate bonds (Lg.Lg.) ⁴ | 8.33 | 8.62 | 8.59 | 8.57 | 8.45 | 8.19 | 7.96 | 7.99 | 8.17 | 8.25 | 8.12 | 7.91 | 7.73 | 7.39 | 7.48 |
| 115 | Yield on long-term Treasury bonds (C.Lg.Lg.) ⁵ | 7.52 | 7.93 | 7.88 | 7.80 | 7.72 | 7.40 | 7.19 | 7.08 | 7.26 | 7.43 | 7.30 | 7.17 | 6.89 | 6.65 | 6.64 |
| 117 | Yield on municipal bonds, 20-bond average (U.Lg.Lg.) ⁶ | 6.44 | 6.76 | 6.67 | 6.57 | 6.49 | 6.13 | 6.16 | 6.25 | 6.41 | 6.36 | 6.22 | 6.16 | 5.87 | 5.64 | 5.76 |
| 118 | Secondary market yields on FHA mortgages (Lg.Lg.) ⁷ | 8.46 | 8.85 | 8.79 | 8.66 | 8.56 | 8.12 | 8.08 | 8.06 | 8.29 | 8.54 | 8.12 | 8.04 | 7.55 | 7.57 | 7.56 |
| 109 | Average prime rate charged by banks (Lg.Lg.) ⁸ | 6.25 | 6.50 | 6.50 | 6.50 | 6.50 | 6.02 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 |
| 19 | Index of stock prices, 500 common stocks, 1941-43=10, NSA (L.L.L.) ⁹ | 415.74 | 407.36 | 407.41 | 414.81 | 408.27 | 415.05 | 417.93 | 418.48 | 412.50 | 422.84 | 435.64 | 435.23 | 441.70 | 450.16 | 443.08 |
| 13. NATIONAL DEFENSE | | | | | | | | | | | | | | | | |
| 525 | Defense Department prime contract awards, mil.\$ | | 12,502 | 11,837 | 10,474 | 10,792 | 12,812 | 9,767 | 10,630 | | | | 11,358 | 9,579 | *11,628 | ..... |
| 548 | Manufacturers' new orders, defense products, mil.\$ | 81,468 | 6,730 | 8,101 | 5,854 | 7,167 | 5,630 | 6,462 | 5,170 | 7,439 | 6,759 | 7,955 | 8,798 | 6,360 | *6,923 | *7,121 |
| 557 | Index of industrial production, defense and space equipment, 1987=100 \$ | 85.9 | *88.9 | *87.7 | *87.2 | *86.5 | *85.1 | *84.5 | *84.4 | *83.5 | *83.2 | *82.5 | *82.0 | *81.4 | *80.9 | *80.5 |
| 570 | Employment, defense products industries, thous. | 1,062 | 1,098 | 1,084 | 1,076 | 1,065 | 1,054 | 1,046 | 1,038 | 1,028 | 1,022 | 1,013 | 1,002 | 996 | *986 | ..... |
| 564 | Federal Government purchases, national defense, bil.\$, AR | 315.8 | | | 311.7 | | | 319.6 | | | 318.2 | | | *304.3 |  | ..... |
| 14. EXPORTS AND IMPORTS | | | | | | | | | | | | | | | | |
| 602 | Exports, excluding military aid shipments, mil.\$ \$ | 448,024 | *37,172 | *36,382 | *35,973 | *38,039 | *37,430 | *36,369 | *37,661 | *38,884 | *37,796 | *39,178 | *37,504 | *36,928 | 38,996 | ..... |
| 604 | Exports of domestic agricultural products, mil.\$ | 42,228 | *3,139 | 3,609 | 3,163 | 3,660 | 3,629 | 3,472 | 3,801 | 3,978 | 3,399 | 3,518 | 3,358 | 3,484 | 3,223 | ..... |
| 606 | Exports of nonelectrical machinery, mil.\$ | 94,304 | 7,456 | 7,611 | 7,571 | 8,068 | 7,842 | 7,737 | 8,317 | 7,963 | 8,026 | 8,438 | 7,817 | 8,090 | 8,402 | ..... |
| 612 | General imports, mil.\$ \$ | 532,665 | *42,724 | *43,389 | *43,645 | *44,889 | *44,938 | *45,054 | *45,968 | *46,119 | *45,633 | *46,143 | *45,176 | *44,632 | 49,203 | ..... |
| 614 | Imports of petroleum and petroleum products, mil.\$ | 50,222 | 3,615 | 4,334 | 4,181 | 4,833 | 5,078 | 4,280 | 4,430 | 4,362 | 3,923 | 4,204 | 4,059 | 4,146 | 4,675 | ..... |
| 616 | Imports of automobiles and parts, mil.\$ | 72,820 | 6,131 | 6,025 | 6,030 | 5,889 | 5,726 | 6,012 | 6,500 | 5,848 | 6,163 | 6,441 | 6,147 | 6,833 | 7,265 | ..... |
| 618 | Merchandise exports, adjusted, excluding military, mil.\$ \$ | 440,138 | | | *108,306 | | | | *109,493 | | *113,992 | | | *111,627 |  | ..... |
| 620 | Merchandise imports, adjusted, excluding military, mil.\$ \$ | 536,276 | | | *133,107 | | | | *137,105 | | *139,954 | | | *140,695 |  | ..... |
| 622 | Balance on merchandise trade, mil.\$ \$ | -96,138 | | | *-24,801 | | | | *-27,612 | | *-25,962 | | | *-29,068 |  | ..... |
| 15. INTERNATIONAL COMPARISONS | | | | | | | | | | | | | | | | |
| 47 | Industrial production indexes (1987=100): | | | | | | | | | | | | | | | |
| 721 | United States \$ | 106.6 | *105.6 | *106.3 | *106.7 | *106.0 | *106.8 | *106.6 | *106.2 | *107.5 | *108.4 | *108.9 | *109.3 | *109.9 | *109.9 | *110.0 |
| 728 | OECD, European countries ² | 109 | 111 | 110 | 110 | 110 | 110 | 109 | 109 | 109 | 107 | 105 | 105 | *107 | ..... |  |
| 725 | Japan | 117.4 | 117.7 | 117.6 | 115.6 | 118.1 | 119.0 | 114.4 | 119.7 | 116.6 | 114.3 | 113.1 | 113.0 | *114.6 | ..... |  |
| 726 | Federal Republic of Germany | 115 | 118 | 118 | 117 | 116 | 116 | 115 | 115 | 113 | 110 | 107 | 107 | *106 | ..... |  |
| 727 | France | 110 | 110 | 112 | 110 | 110 | 110 | 110 | 110 | 111 | 106 | 105 | 105 | *108 | ..... |  |
| 722 | United Kingdom | 100 | 99 | 100 | 99 | 99 | 100 | 100 | 100 | 101 | 101 | 101 | 100 | *102 | ..... |  |
| 727 | Italy | 107.5 | 111.9 | 105.6 | 110.4 | 108.3 | 108.9 | 103.7 | 104.3 | 106.5 | 107.3 | 100.7 | 106.2 | *106.8 | ..... |  |
| 723 | Canada | 97.2 | *96.4 | 96.8 | 96.4 | 96.5 | 95.9 | 97.9 | 98.0 | 98.3 | *98.9 | *99.3 | *99.5 | *100.2 | ..... |  |
| | Consumer price indexes (1982-84=100): | | | | | | | | | | | | | | | |
| 320 | United States, NSA | 140.3 | 139.3 | 139.5 | 139.7 | 140.2 | 140.5 | 140.9 | 141.3 | 141.8 | 142.0 | 141.9 | 142.6 | 143.1 | 143.6 | 144.0 |
| 738 | Percent change over 6-month span, AR | 3.1 | 3.1 | 3.1 | 3.0 | 2.6 | 2.9 | 3.0 | 2.9 | 3.3 | 3.6 | 3.6 | 3.6 | ..... | ..... |  |
| 735 | Japan, NSA | 117.0 | 116.3 | 117.5 | 117.6 | 117.5 | 116.6 | 116.9 | 117.5 | 117.6 | 117.4 | 117.4 | 117.3 | 117.4 | 117.7 | ..... |
| 736 | Percent change over 6-month span, AR | 1.2 | 1.9 | 1.7 | 1.9 | 1.2 | -2 | 7 | 7 | 1.0 | 1.4 | ..... | ..... | ..... | ..... |  |
| 735 | Federal Republic of Germany, NSA | 120.7 | 119.7 | 120.0 | 120.5 | 120.7 | 120.7 | 120.9 | 121.2 | 121.7 | 122.3 | 122.4 | 123.8 | 124.3 | 124.7 | ..... |
| 736 | Percent change over 6-month span, AR | 4.0 | 3.9 | 4.1 | 3.6 | 3.0 | 3.5 | 4.0 | 3.9 | 5.0 | 5.0 | 5.3 | ..... | ..... | ..... |  |
| 732 | France, NSA | 141.0 | 140.2 | 140.5 | 140.9 | 141.0 | 141.4 | 141.5 | 141.5 | 141.9 | 141.9 | 141.8 | 142.3 | 142.8 | 143.5 | 143.6 |
| 732 | Percent change over 6-month span, AR | 2.1 | 2.6 | 2.6 | 2.0 | 1.6 | 1.7 | 1.3 | 1.3 | 1.6 | 2.0 | 3.1 | 2.7 | ..... | ..... |  |
| 732 | United Kingdom, NSA | 162.7 | 160.6 | 163.1 | 163.7 | 163.7 | 163.1 | 163.2 | 163.8 | 164.4 | 164.1 | 163.6 | 162.0 | 163.1 | 163.7 | 165.2 |
| 737 | Percent change over 6-month span, AR | 2.5 | 3.7 | 3.4 | 2.9 | 2.7 | 2.5 | 1.7 | 1.7 | 0 | 1.1 | 1.1 | ..... | ..... | ..... |  |
| 737 | Italy, NSA | 178.8 | 176.6 | 177.3 | 178.3 | 178.9 | 179.1 | 179.2 | 179.8 | 180.9 | 182.0 | 182.3 | 182.9 | 183.6 | 184.0 | 184.7 |
| 733 | Percent change over 6-month span, AR | 4.7 | 5.7 | 5.0 | 5.4 | 5.1 | 4.6 | 4.0 | 4.1 | 3.8 | 3.6 | 3.5 | 3.8 | ..... | ..... |  |
| 733 | Canada, NSA | 145.2 | 144.6 | 144.6 | 144.9 | 145.2 | 145.6 | 145.6 | 145.5 | 145.7 | 146.4 | 146.4 | 147.0 | 147.4 | 147.3 | 147.3 |
| 733 | Percent change over 6-month span, AR | 2.0 | 1.1 | 1.5 | 2.4 | 2.1 | 1.5 | 2.9 | 3.2 | 2.5 | 2.2 | 2.2 | ..... | ..... | ..... |  |
| | Stock price indexes (1967=100, NSA): | | | | | | | | | | | | | | | |
| 19 | United States ³ | 452.2 | 443.1 | 443.2 | 451.2 | 444.1 | 451.5 | 454.6 | 455.2 | 448.7 | 460.0 | 473.9 | 473.4 | 480.5 | 489.7 | 482.0 |
| 748 | Japan ⁴ | 1,235.4 | 1,333.0 | 1,176.0 | 1,242.8 | 1,176.0 | 1,132.7 | 1,093.9 | 1,242.8 | 1,177.8 | 1,151.6 | 1,197.7 | 1,157.0 | 1,171.5 | 1,233.8 | *1,369.1 |
| 745 | Federal Republic of Germany ⁵ | 306.7 | 331.6 | 334.9 | 337.7 | 335.8 | 316.2 | 292.2 | 285.2 | 266.3 | 269.8 | 269.1 | 277.9 | 291.9 | *299.2 | *294.4 |
| 746 | France ⁶ | 900.6 | 920.4 | 951.3 | 969.4 | 938.8 | 895.3 | 858.0 | 900.4 | 845.5 | 861.7 | 866.9 | 866.7 | 907.8 | *950.7 | *938.8 |
| 742 | United Kingdom ⁷ | 1,192.1 | 1,178.2 | 1,207.1 | 1,284.2 | 1,178.8 | 1,147.5 | 1,094.5 | 1,131.8 | 1,187.2 | 1,240.2 | 1,281.8 | 1,302.2 | 1,324.5 | *1,351.0 | *1,327.4 |
| 747 | Italy ⁸ | 288.6 | 312.1 | 311.0 | 302.2 | 298.0 | 267.0 | 260.1 | 240.1 | 260.5 | 267.9 | 276.3 | *308.7 | *333.1 | *337.0 | *343.1 |
| 743 | Canada ⁹ | 384.5 | 385.6 | 379.2 | 382.8 | 382.8 | 389.1 | 384.5 | 372.6 | 377.0 | 370.8 | 378.6 | 373.5 | 390.0 | 407.1 | 428.2 |
| | Exchange rates: | | | | | | | | | | | | | | | |
| 750 | Exchange value of U.S. dollar, index: March 1973=100, NSA ¹⁰ | 86.61 | 90.44 | 89.84 | 88.30 | 85.91 | 82.57 | 80.97 | 81.98 | 85.03 | 90.04 | 90.50 | 92.36 | 93.82 | 93.65 | 90.62 |
| | Foreign currency per U.S. dollar (NSA): | | | | | | | | | | | | | | | |
| 758 | Japan (yen) ¹¹ | 126.78 | 132.86 | 133.54 | 130.77 | 126.84 | 125.88 | 126.23 | 122.60 | 121.17 | 123.88 | 124.04 | 124.99 | 120.76 | 117.02 | 112.41 |
| 755 | Federal Republic of Germany (d. mark) ¹² | 1.5618 | 1.6616 | 1.6493 | 1.6225 | 1.5726 | 1.4914 | 1.4475 | 1.4514 | 1.4851 | 1.5875 | 1.5822 | 1.6144 | 1.6414 | 1.6466 | 1.5964 |
| 756 | France (franc) ¹³ | 5.2935 | 5.6400 | 5.5773 | 5.4548 | 5.2940 | 5.0321 | 4.9119 | 4.9378 | 5.0370 | 5.3706 | 5.3974 | 5.4751 | 5.5594 | 5.5944 | 5.3984 |
| 752 | United Kingdom (pound) ¹⁴ | 5.699 | 5.901 | 5.693 | 5.526 | 5.391 | 5.215 | 5.146 | 5.166 | 6.050 | 6.550 | | | | | |

FOOTNOTES FOR PAGES C-1 THROUGH C-5

| | | | |
|----|-----------------------------|-----|---------------------------------|
| a | Anticipated. | NSA | Not seasonally adjusted. |
| AR | Annual rate. | p | Preliminary. |
| c | Corrected. | r | Revised. |
| © | Copyrighted. | ♦ | Graph included for this series. |
| e | Estimated. | § | Major revision—see notes. |
| * | Later data listed in notes. | ◇ | End of period. |

L,C,Lg,U Cyclical indicator series are classified as L (leading), C (coincident), Lg (lagging), or U (unclassified) at reference cycle peaks, troughs, and overall. Series classifications are shown in parentheses following the series titles.

‡ Cyclical indicator series denoted by ‡ are inverted (i.e., the sign is reversed) for cyclical analysis calculations, including classifications, contributions to composite indexes, and current high values.

† Cyclical indicator series denoted by † are smoothed by an autoregressive-moving-average filter developed by Statistics Canada.

For information on composite indexes and other concepts used in this section, see "Composite Indexes of Leading, Coincident, and Lagging Indicators" in the November 1987 SURVEY OF CURRENT BUSINESS and "Business Cycle Indicators: Revised Composite Indexes" in the January 1989 Survey.

References to series in this section use the prefix "BCI-" followed by the series number. Unless otherwise noted, series are seasonally adjusted.

Percent change data are centered within the spans: 1-month changes are placed in the ending month, 3-month changes are placed in the 3d month, 6-month changes are placed in the 4th month, 1-quarter changes are placed in the ending quarter, and 4-quarter changes are placed in the 3d quarter.

Diffusion indexes are defined as the percent of components rising plus one-half of the percent of components unchanged. Diffusion index data are centered within the spans: 1-month indexes are placed in the ending month and 6-month indexes are placed in the 4th month.

High values reached by cyclical indicators since the last reference cycle trough (March 1991) are shown in boldface type; high values reached prior to the period shown in the table are listed at the bottom of each page. For inverted series, low values are indicated as highs.

Sources for series in this section are shown on pages C-27 and C-28 in the April 1993 Survey.

Page C-1

NOTE.—Major data revisions:

Index of new private housing units authorized by local building permits (BCI-29)—see note for page C-3.

Index of industrial production (BCI-47)—see note for page C-2.

Change in labor cost per unit of output (BCI-62)—see note for page C-4.

Ratio, consumer installment credit outstanding to personal income (BCI-95)—see note for page C-4.

* Preliminary May 1993 values: BCI-32 = 51.7, BCI-19 = 445.25, and BCI-109 = 6.00.

1. Data include initial claims made under the July 1992 Emergency Unemployment Compensation amendments. Data exclude Puerto Rico, which is included in figures published by the source agency.

2. Copyrighted. This series may not be reproduced without written permission from the University of Michigan, Survey Research Center, P.O. Box 1248, Ann Arbor, MI 48106-1248.

3. Excludes BCI-57, for which data are not available.

4. Excludes BCI-77 and BCI-95, for which data are not available.

Page C-2

NOTE.—Major data revisions:

The insured unemployment rate (BCI-45) has been revised from 1987 forward to incorporate corrections made by the source. For further information, contact the U.S. Department of Labor, Employment and Training Administration, Unemployment Insurance Services, Division of Actuarial Services, Washington, DC 20210.

Industrial production and capacity utilization indexes (BCI-47, -73, -74, -75, -76, -82, -124, and -557) have been revised from 1986 forward to reflect the conversion of all indexes to the 1987 Standard Industrial Classification and the incorporation of more comprehensive source data. For further information, contact the Board of Governors of the Federal Reserve System, Division of Research and Statistics, Industrial Output Section, Washington, DC 20551.

* Preliminary May 1993 value: BCI-32 = 51.7; anticipated 2d quarter 1993 values: BCI-61 = 578.15 and BCI-100 = 549.79.

1. Data include initial claims made under the July 1992 Emergency Unemployment Compensation amendments. Data exclude Puerto Rico, which is included in figures published by the source agency.

2. Data exclude Puerto Rico, which is included in figures published by the source agency.

3. Copyrighted. This series may not be reproduced without written permission from McGraw-Hill Information Systems Company, F.W. Dodge Division, Paramount Plaza, 13th Floor, 1633 Broadway, New York, NY 10019.

Page C-3

NOTE.—Major data revisions:

Index of industrial production, business equipment (BCI-76)—see note for page C-2.

Index of new private housing units authorized by local building permits (BCI-29) has been revised from 1991 forward to reflect annual updating of basic data and computation of new seasonal adjustment factors. For further information, contact the U.S. Department of Commerce, Bureau of the Census, Construction Statistics Division, Washington, DC 20233.

The fixed-weighted price index for gross domestic business product (BCI-311) has been revised from 1982 forward to incorporate corrections made by the source. For further information, contact the U.S. Department of Commerce, Bureau of Economic Analysis, National Income and Wealth Division, Washington, DC 20230.

* Preliminary May 1993 value: BCI-23 = 257.9.

1. Copyrighted. This series may not be reproduced without written permission from Knight-Ridder Financial Publishing, 30 South Wacker Drive, Suite 1820, Chicago, IL 60606-5271.

Page C-4

NOTE.—Major data revisions:

Change in labor cost per unit of output (BCI-62) has been revised from 1986 forward to incorporate revisions in its industrial production component—see note for page C-2. For further information, contact the U.S. Department of Commerce, Bureau of Economic Analysis, Business Outlook Division, Washington, DC 20230.

Series based on consumer installment credit (BCI-66, -95, and -113) have been revised from 1989 forward to incorporate benchmarks for most holders of credit and recalculation of seasonal factors. For further information, contact the Board of Governors of the Federal Reserve System, Division of Research and Statistics, Mortgage and Consumer Finance Section, Washington, DC 20551 (BCI-66) and the U.S. Department of Commerce, Bureau of Economic Analysis, Business Outlook Division, Washington, DC 20230 (BCI-95 and BCI-113).

* Preliminary May 1993 values: BCI-122 = 61.5, BCI-123 = 72.2, and BCI-85 = 2.01.

1. Copyrighted. This series may not be reproduced without written permission from the University of Michigan, Survey Research Center, P.O. Box 1248, Ann Arbor, MI 48106-1248.

2. Copyrighted. This series may not be reproduced without written permission from the American Bankers Association, 1120 Connecticut Avenue, NW, Washington, DC 20036.

Page C-5

NOTE.—Major data revisions:

Series based on consumer installment credit (BCI-66 and BCI-95)—see note for page C-4.

Industrial production indexes (BCI-47 and BCI-557)—see note for page C-2.

Exports excluding military aid shipments (BCI-602) and general imports (SCI-612) have been revised from 1991 forward to reflect the updating of basic statistics and computation of new seasonal adjustment factors. For further information, contact the U.S. Department of Commerce, Bureau of the Census, Foreign Trade Division, Washington, DC 20233.

U.S. international transactions series on merchandise trade (BCI-618, -620, and -622) have been revised from 1991 forward to reflect the inclusion of errata, retabulation of data to account for timing, revision of some balance of payments adjustments, and computation of new seasonal adjustment factors. For further information, contact the U.S. Department of Commerce, Bureau of Economic Analysis, Balance of Payments Division, Washington, DC 20230.

* Preliminary May 1993 values: BCI-119 = 2.96, BCI-114 = 2.92, BCI-116 = 7.57, BCI-115 = 6.65, BCI-117 = 5.72, BCI-109 = 6.00, BCI-19 (1941-43=10) = 445.25, BCI-19 (1967=100) = 484.3, BCI-748 = 1,412.4, BCI-745 = 287.7, BCI-746 = 899.0, BCI-742 = 1,324.0, BCI-747 = 363.3, BCI-743 = 446.3, BCI-750 = 90.21, BCI-758 = 110.89, BCI-755 = 1.6029, BCI-756 = 5.4043, BCI-752 = 0.6461, BCI-757 = 1,474.35, and BCI-753 = 1,271.6.

1. Balance of payments basis: Excludes transfers under military grants and Department of Defense sales contracts (exports) and Department of Defense purchases (imports).

2. Organisation for Economic Co-operation and Development.

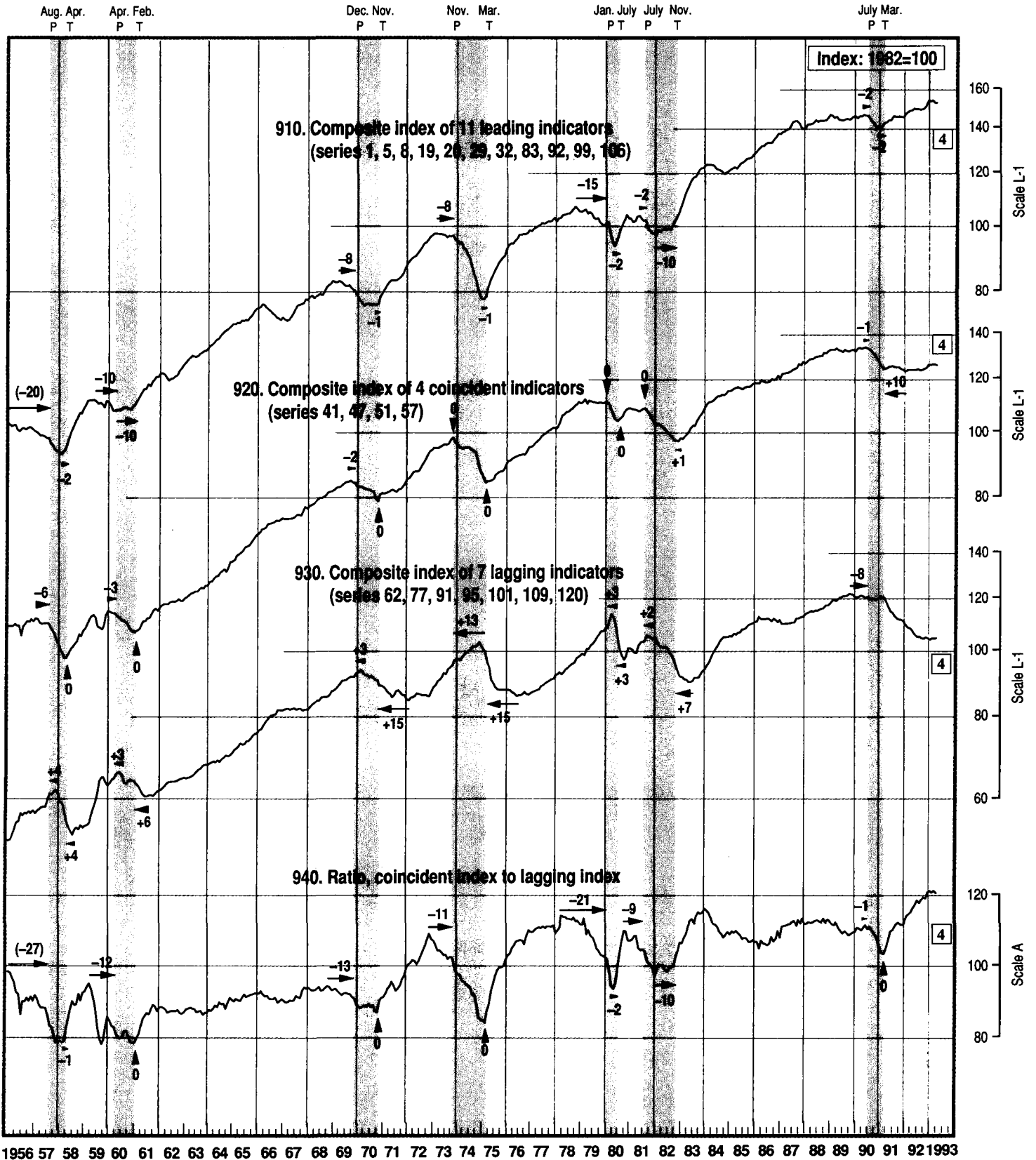
3. This index is the weighted-average exchange value of the U.S. dollar against the currencies of the other G-10 countries plus Switzerland. Each country is weighted by its 1972-76 global trade. For a description of this index, see the August 1978 *Federal Reserve Bulletin* (p. 700).

4. This index is compiled by the Center for International Business Cycle Research (CIBCR), Graduate School of Business, Columbia University, New York, NY 10027.

5. For an explanation of this index, see "The Composite Index of Coincident Indicators and Alternative Coincident Indexes" in the June 1992 Survey.

CYCLICAL INDICATORS

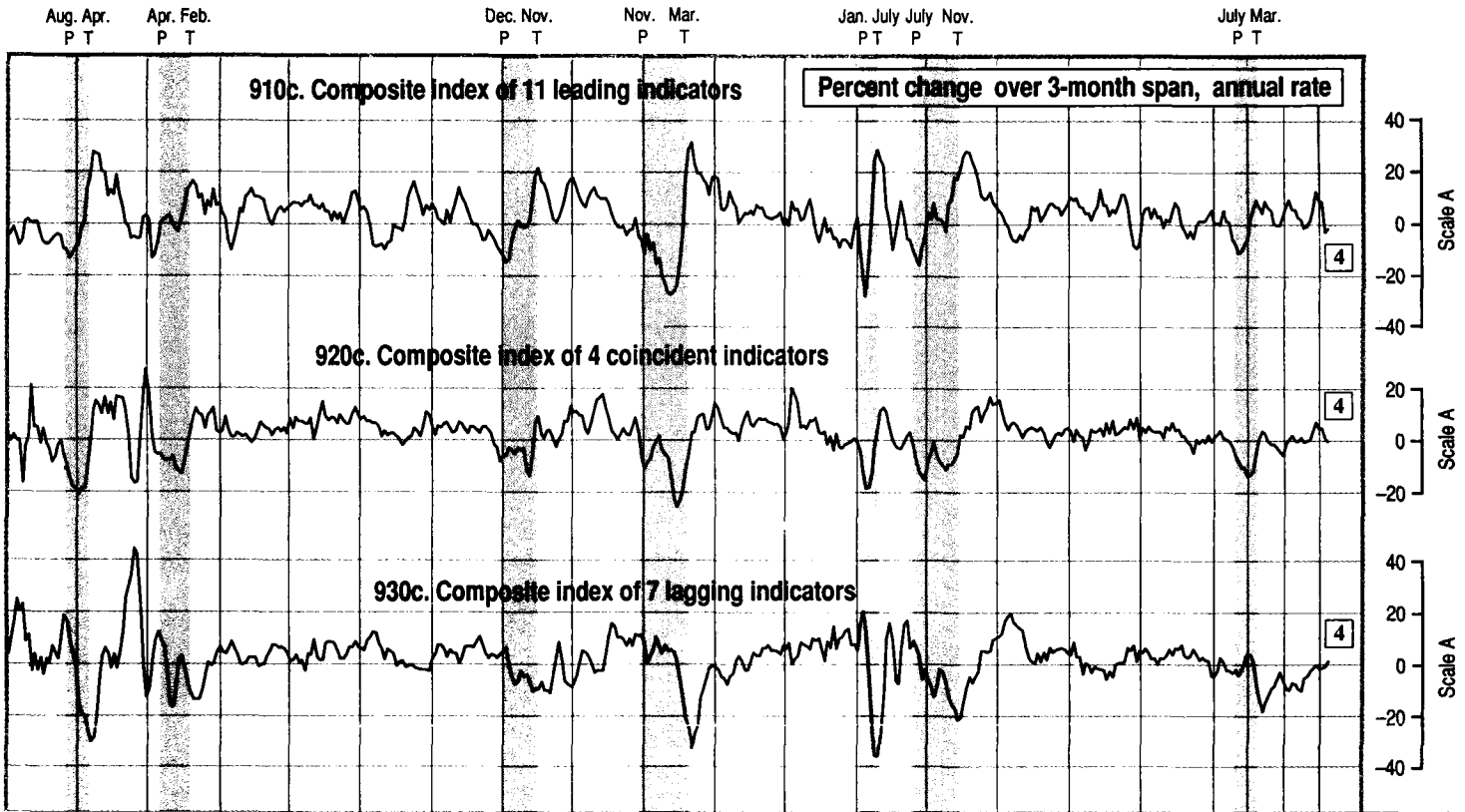
Composite Indexes



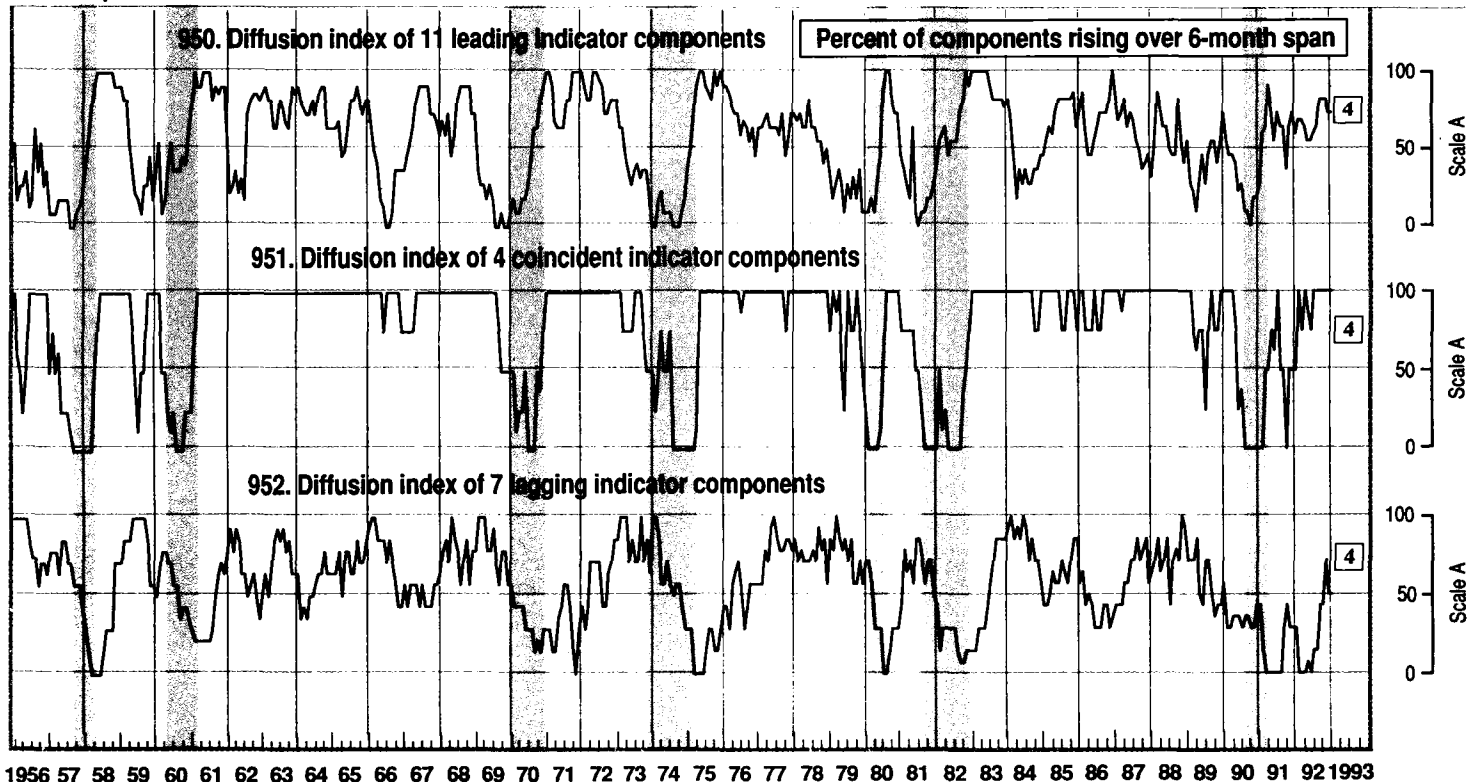
NOTE.—The numbers and arrows indicate length of leads (-) and lags (+) in months from business cycle turning dates. Current data for these series are shown on page C-1.

CYCLICAL INDICATORS

Composite Indexes: Rates of Change



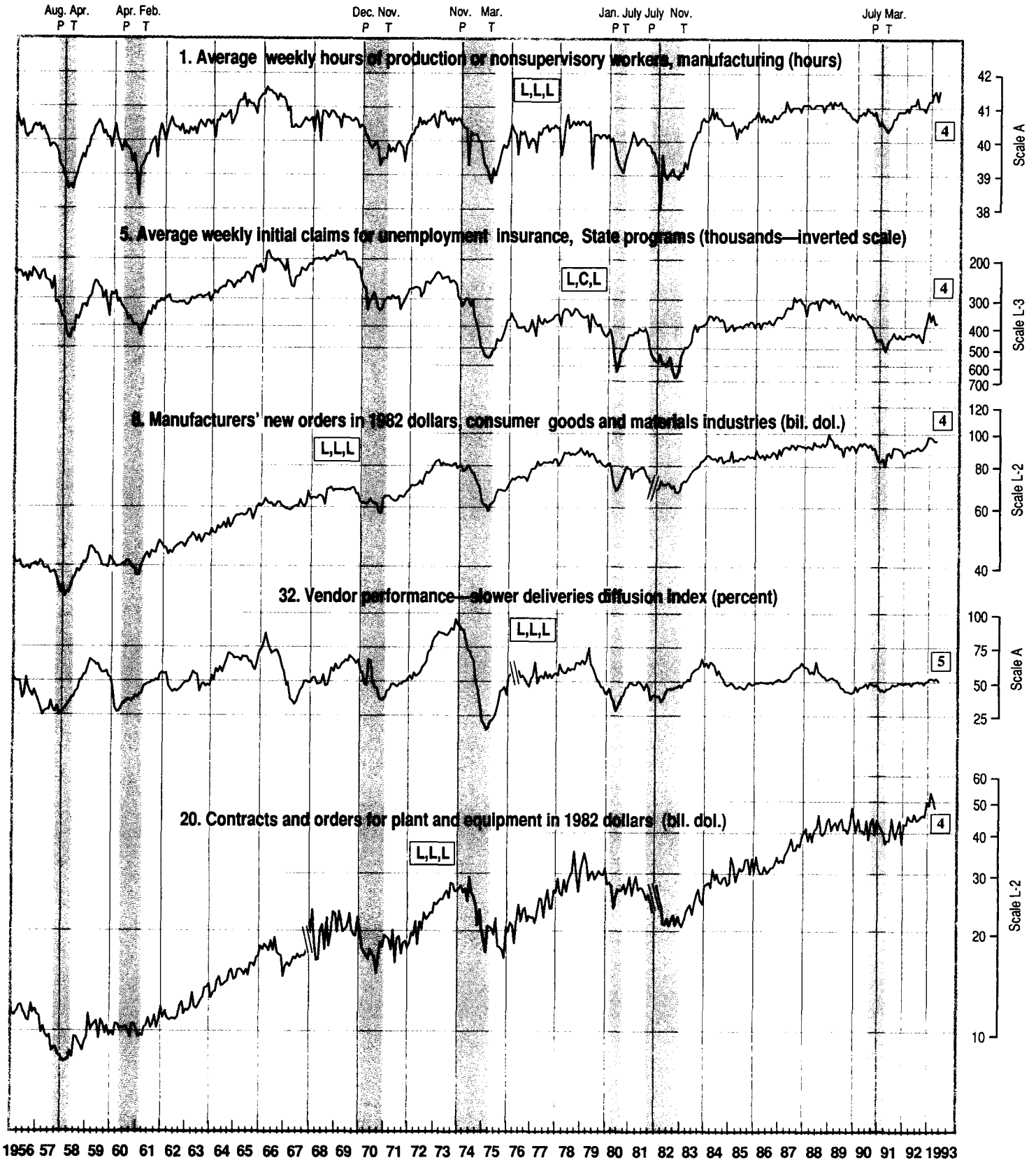
Composite Indexes: Diffusion



NOTE.—Current data for these series are shown on page C-1.

CYCLICAL INDICATORS

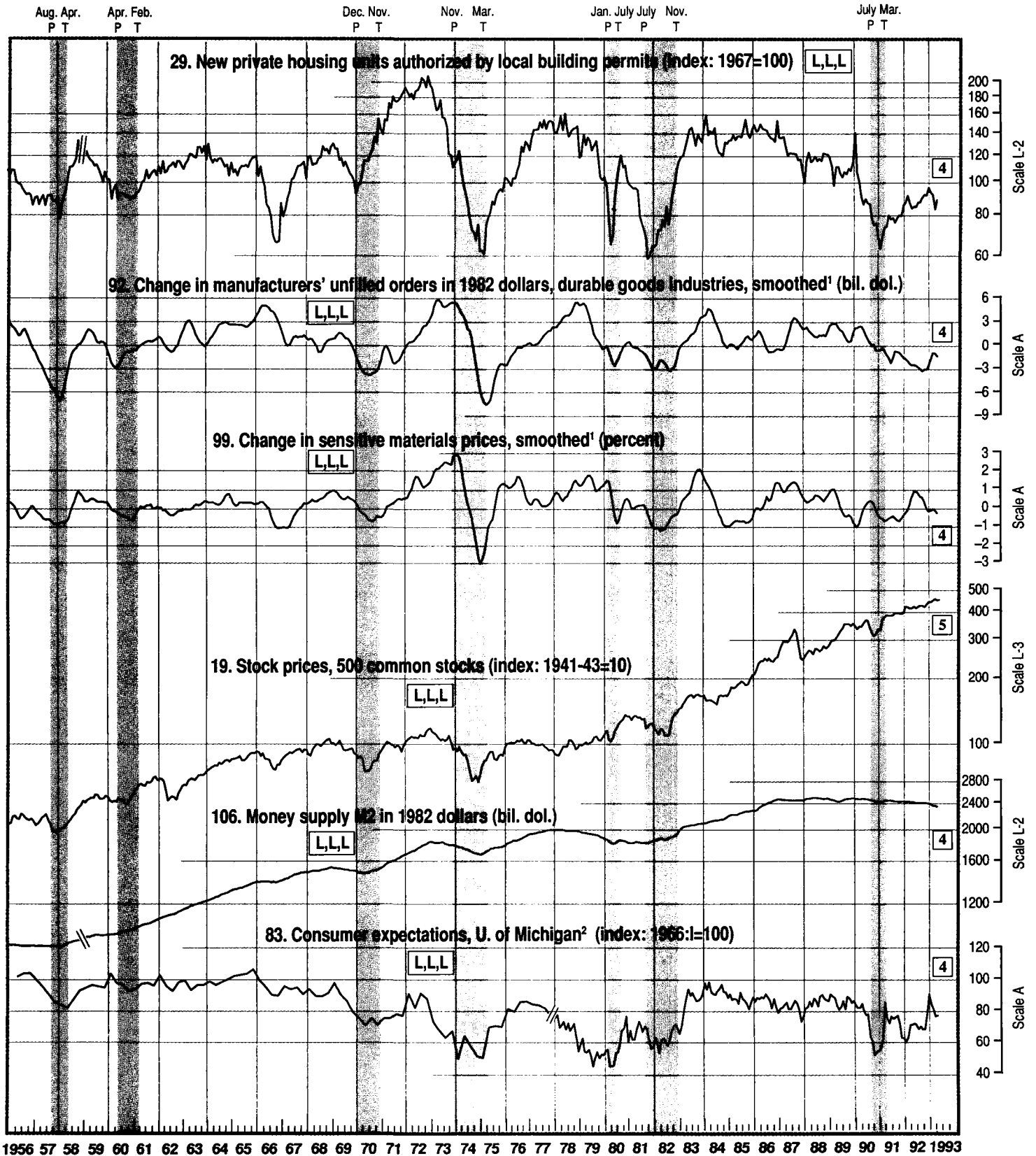
Composite Indexes: Leading Index Components



NOTE.—Current data for these series are shown on page C-1.

CYCLICAL INDICATORS

Composite Indexes: Leading Index Components—Continued

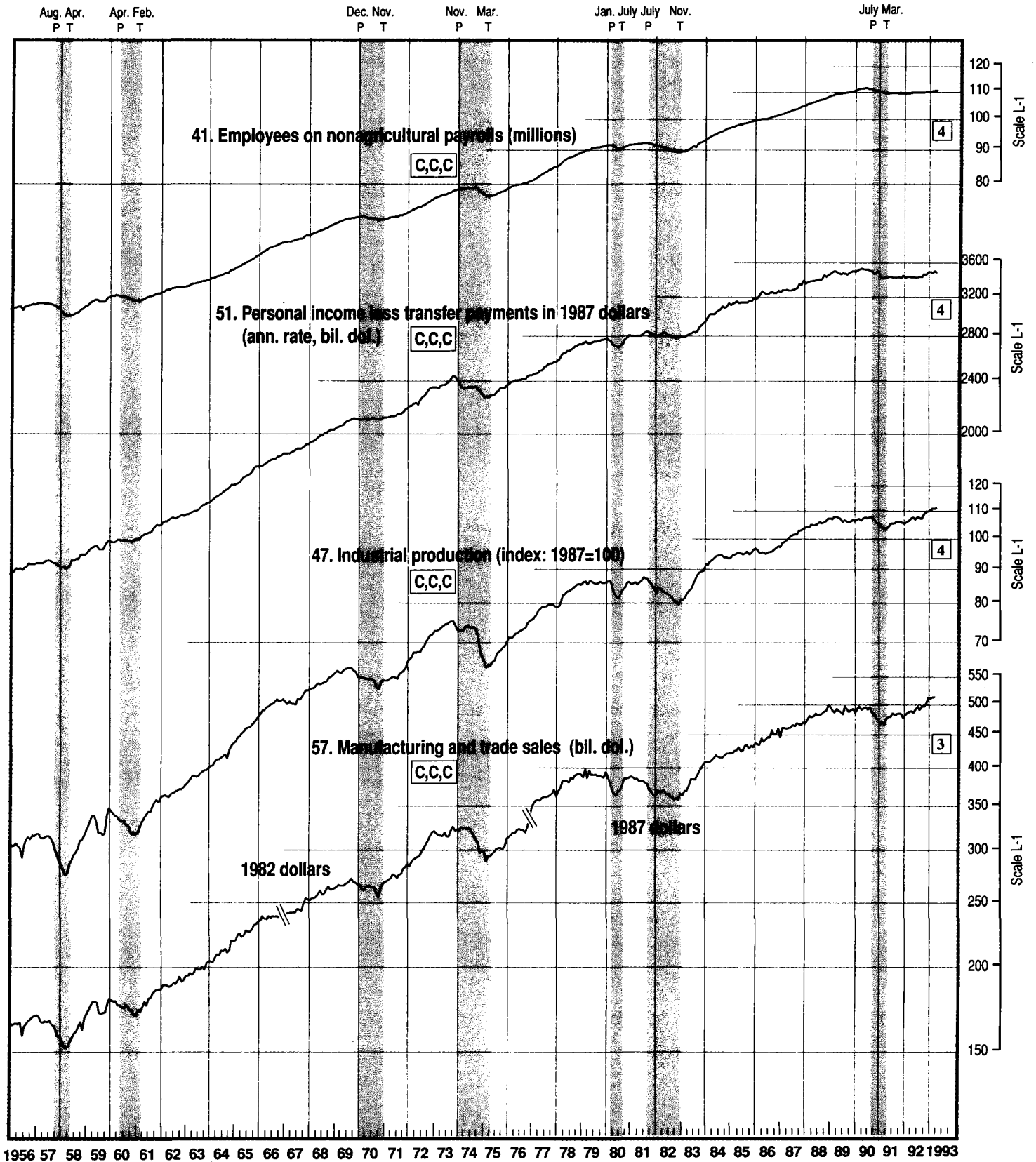


1. This series is smoothed by an autoregressive-moving-average filter developed by Statistics Canada.
 2. This is a copyrighted series used by permission; it may not be reproduced without written permission from the University of Michigan, Survey Research Center.

NOTE.—Current data for these series are shown on page C-1.

CYCLICAL INDICATORS

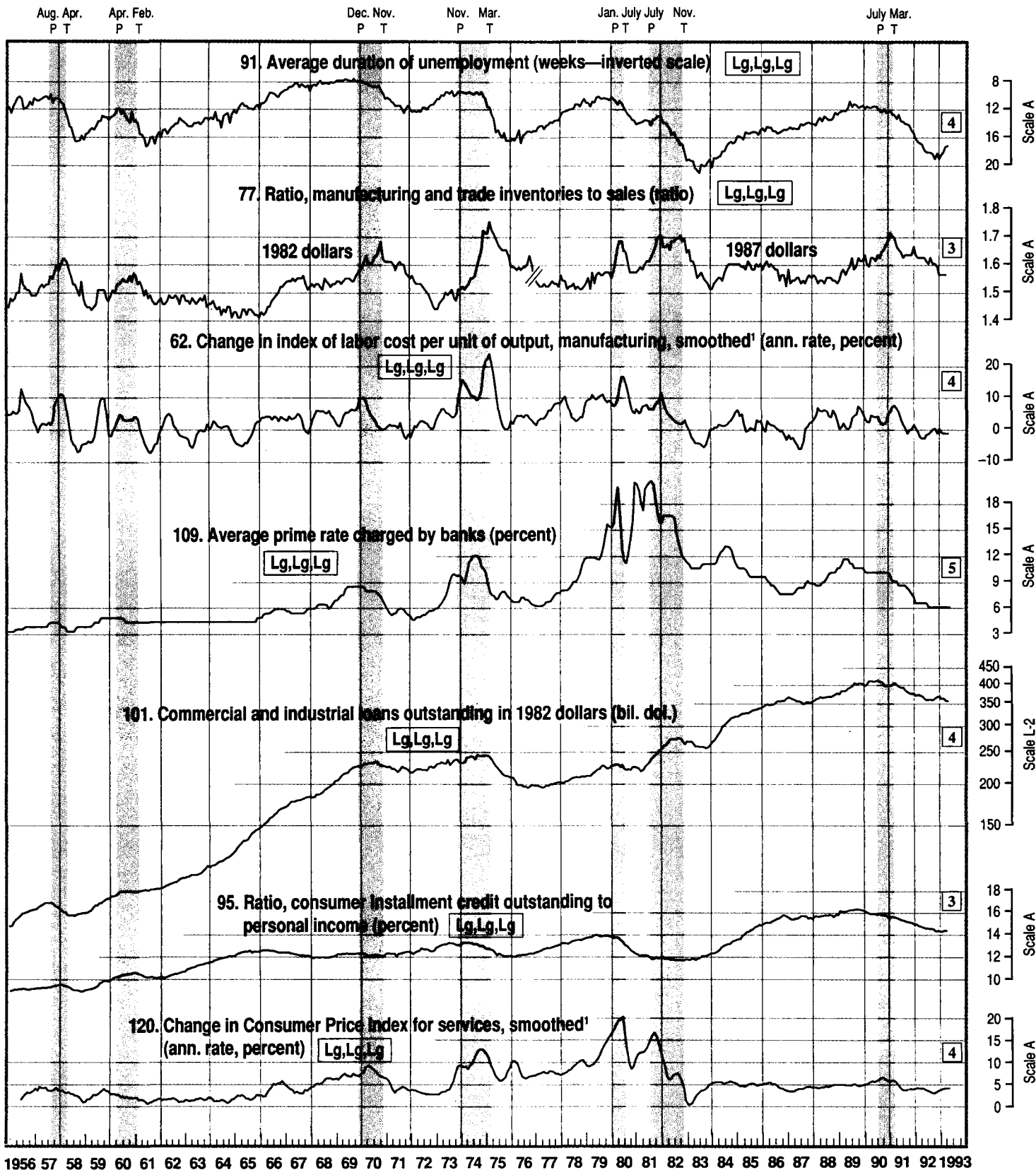
Composite Indexes: Coincident Index Components



NOTE.—Current data for these series are shown on page C-1.

CYCLICAL INDICATORS

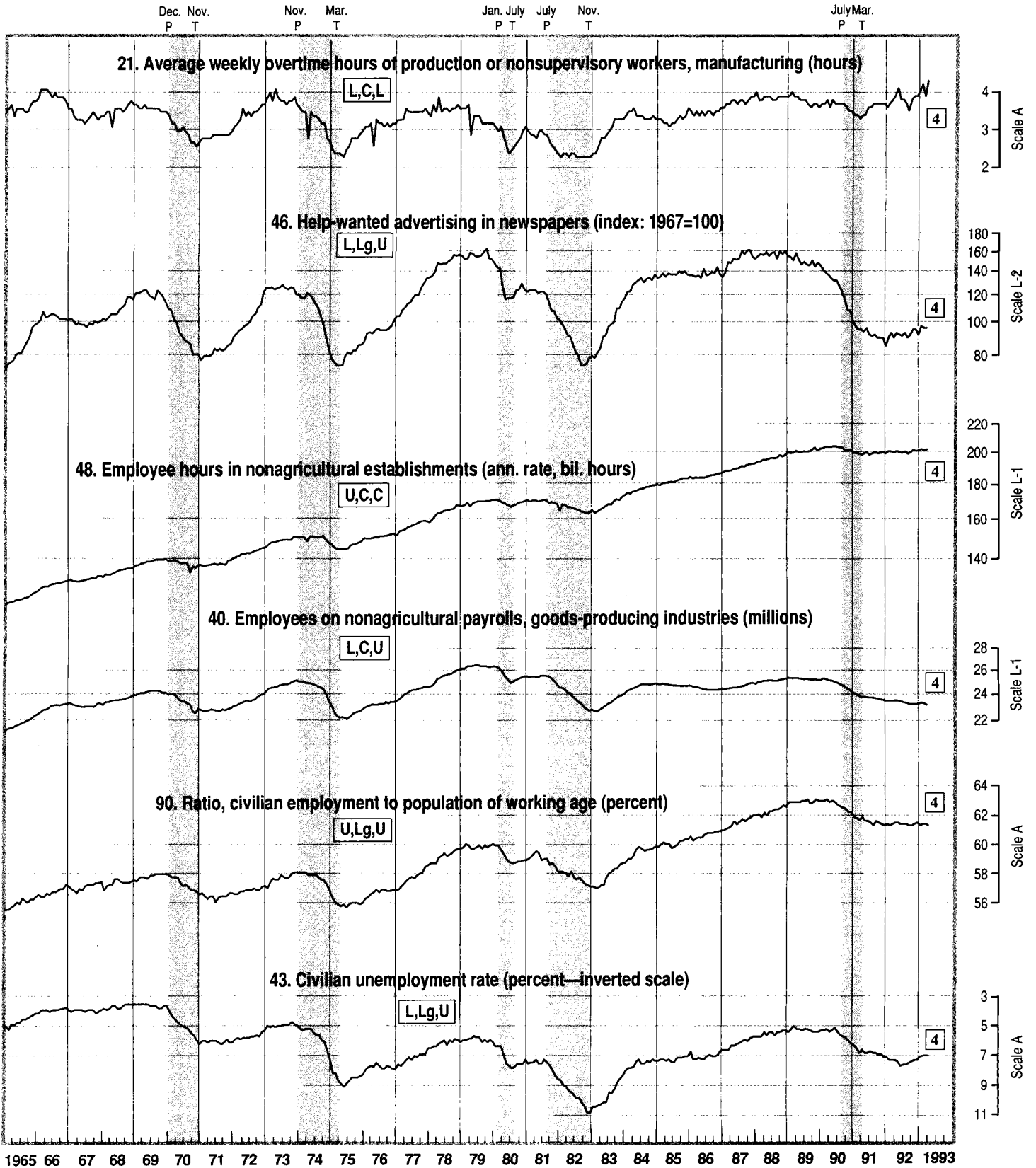
Composite Indexes: Lagging Index Components



1. This series is smoothed by an autoregressive-moving-average filter developed by Statistics Canada.
NOTE.—Current data for these series are shown on page C-1.

CYCLICAL INDICATORS

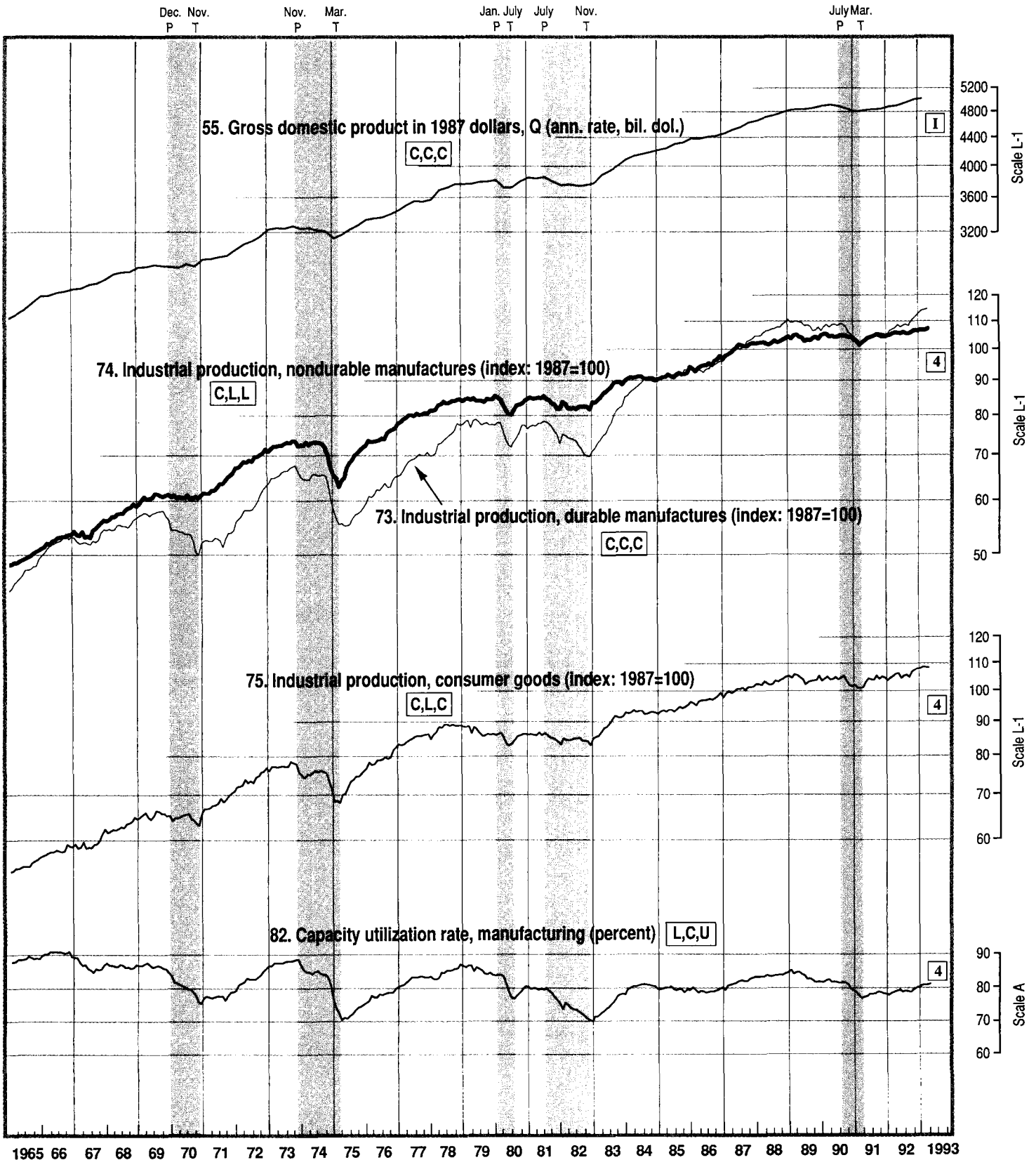
Employment and Unemployment



Note.—Current data for these series are shown on page C-2.

CYCLICAL INDICATORS

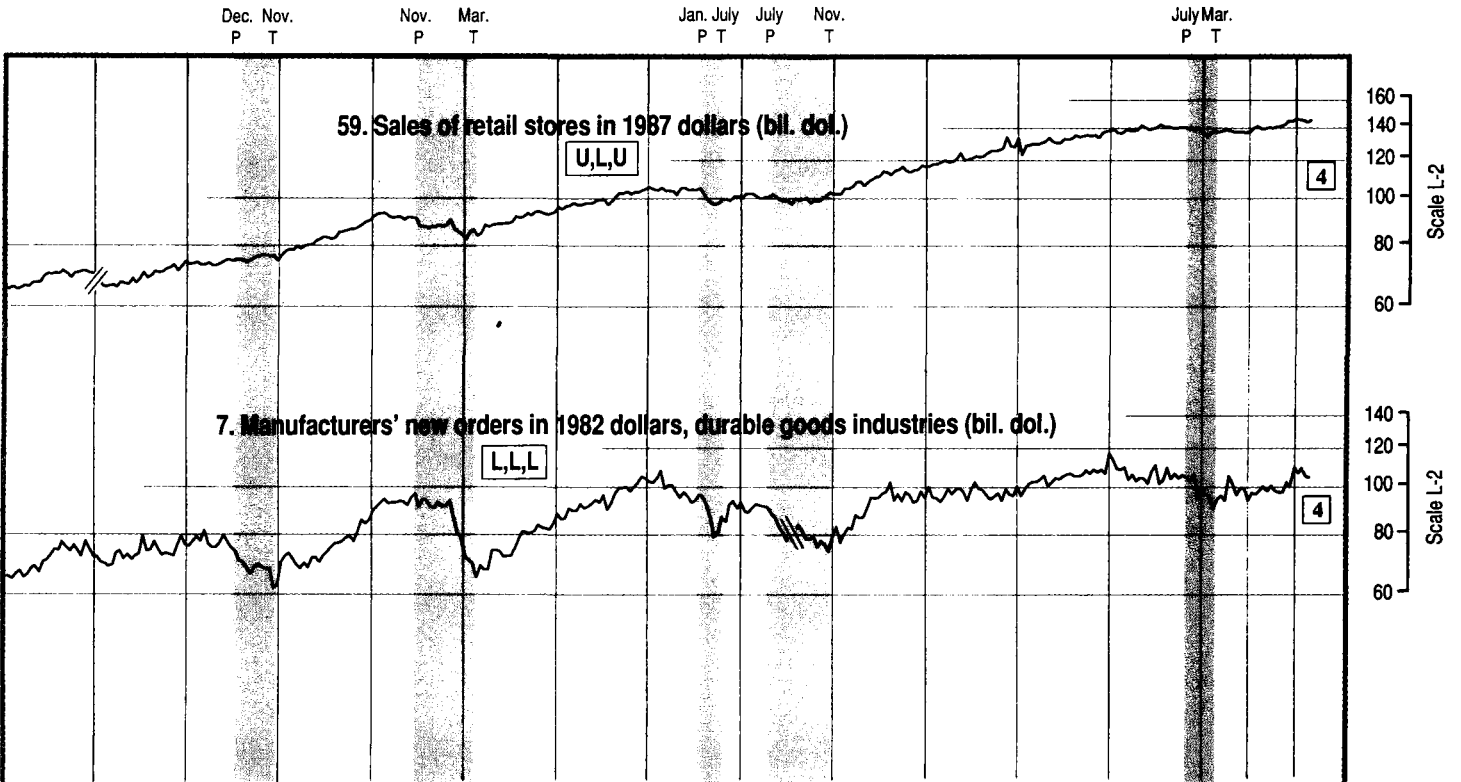
Output, Production, and Capacity Utilization



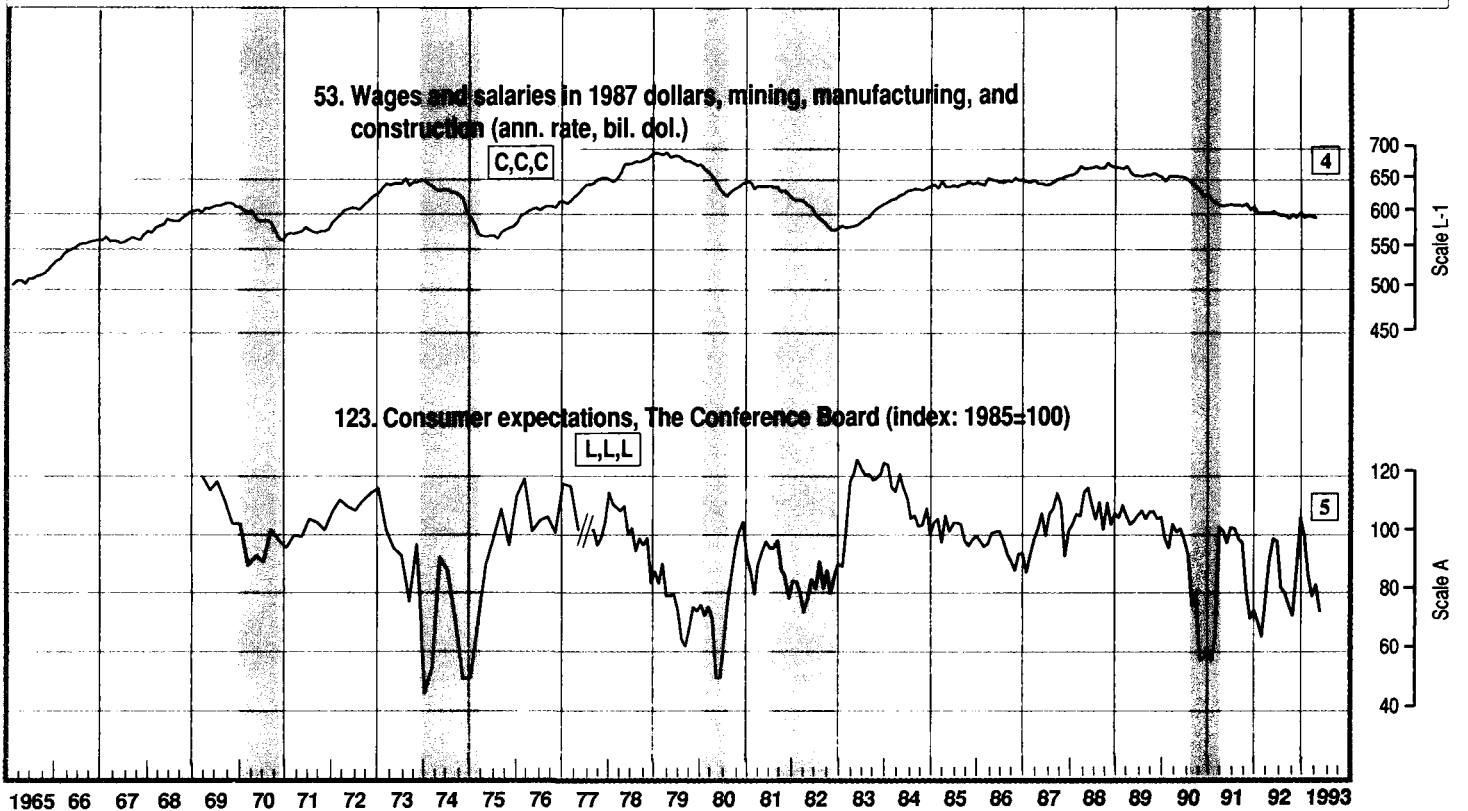
NOTE.—Current data for these series are shown on page C-2.

CYCLICAL INDICATORS

Sales and Orders



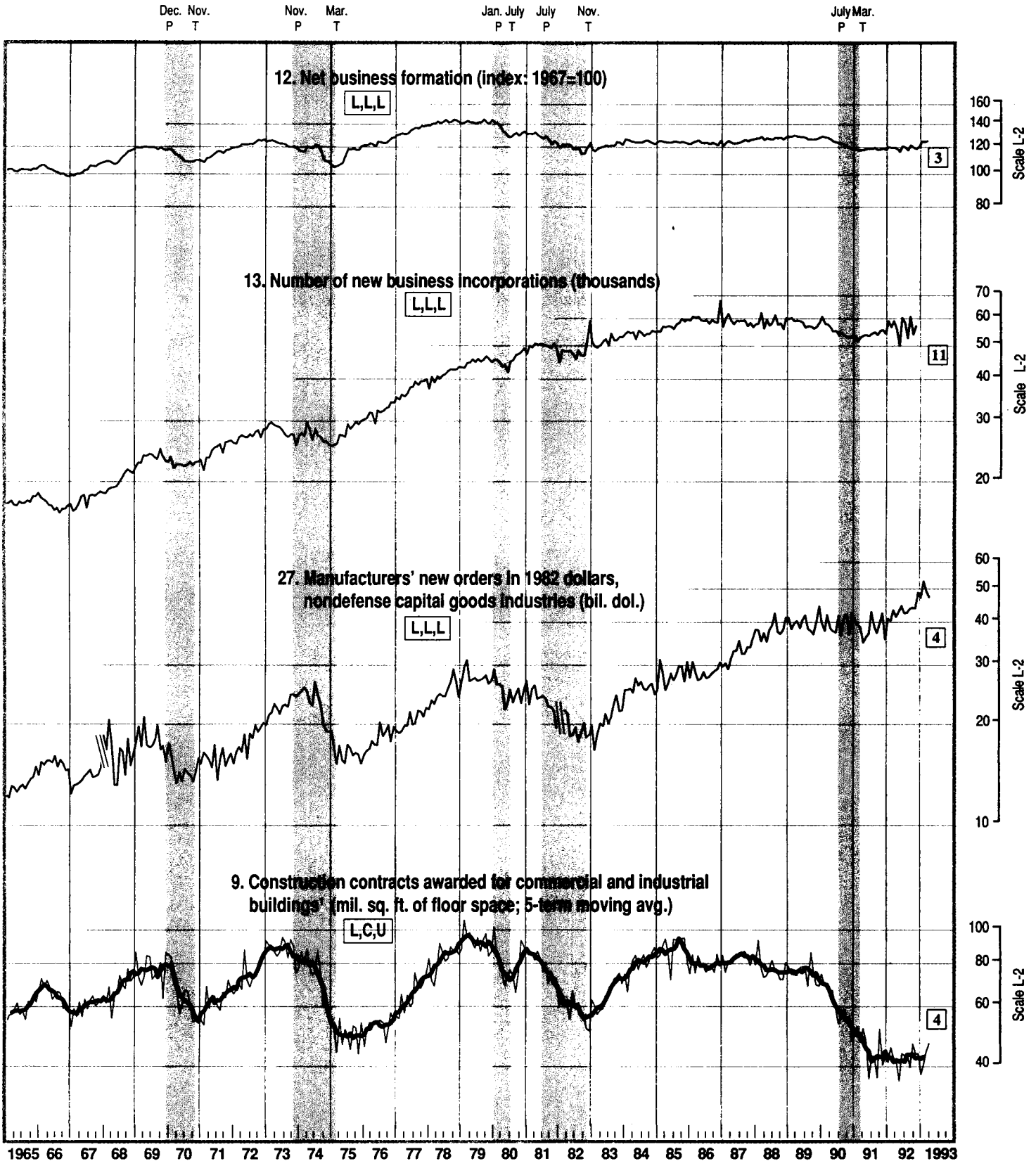
Wages and Consumer Attitudes



NOTE.—Current data for these series are shown on pages C-2 and C-4.

CYCLICAL INDICATORS

Fixed Capital Investment

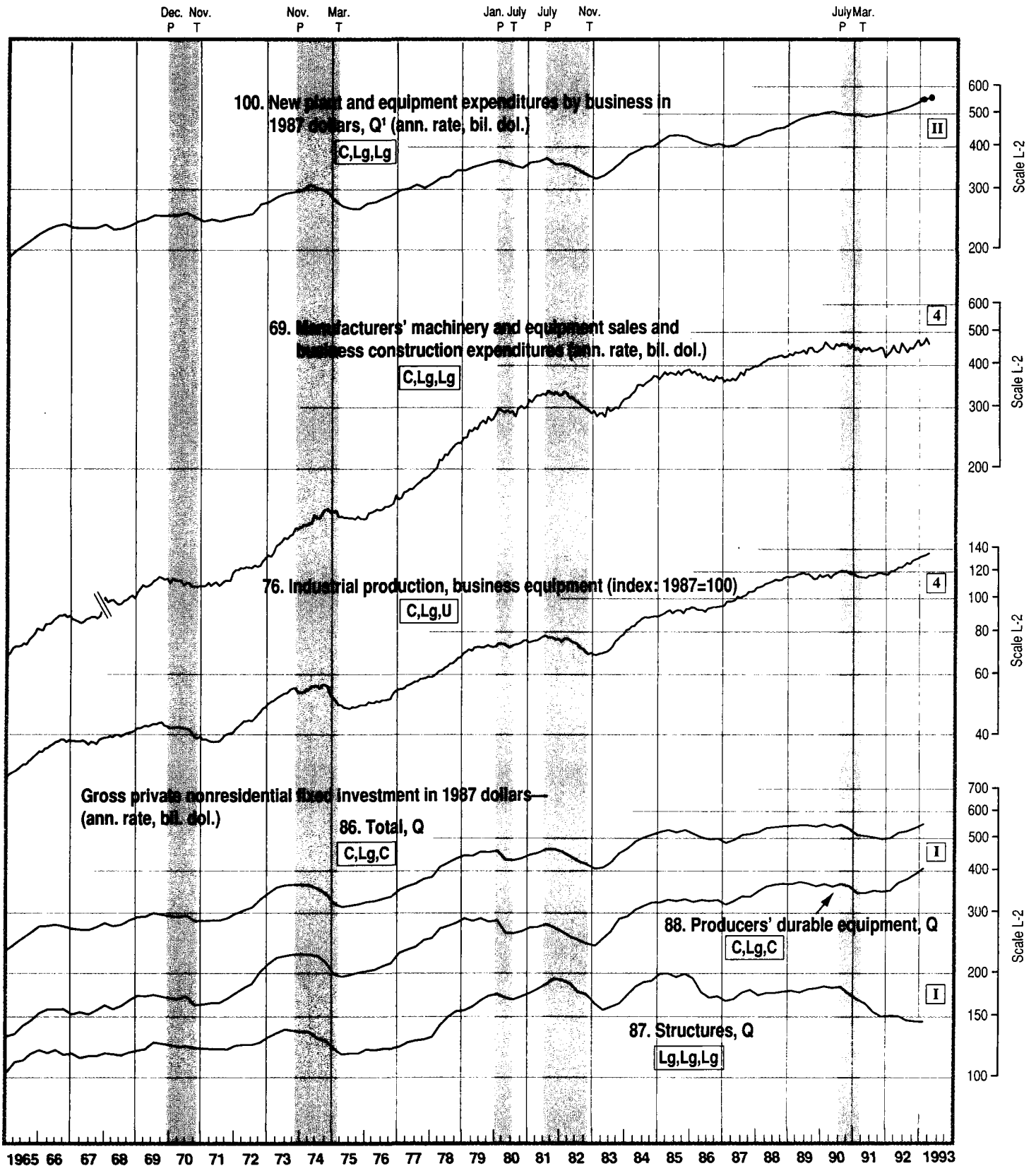


1. This is a copyrighted series used by permission; it may not be reproduced without written permission from McGraw-Hill Information Systems Company, F.W. Dodge Division.

NOTE.—Current data for these series are shown on page C-2.

CYCLICAL INDICATORS

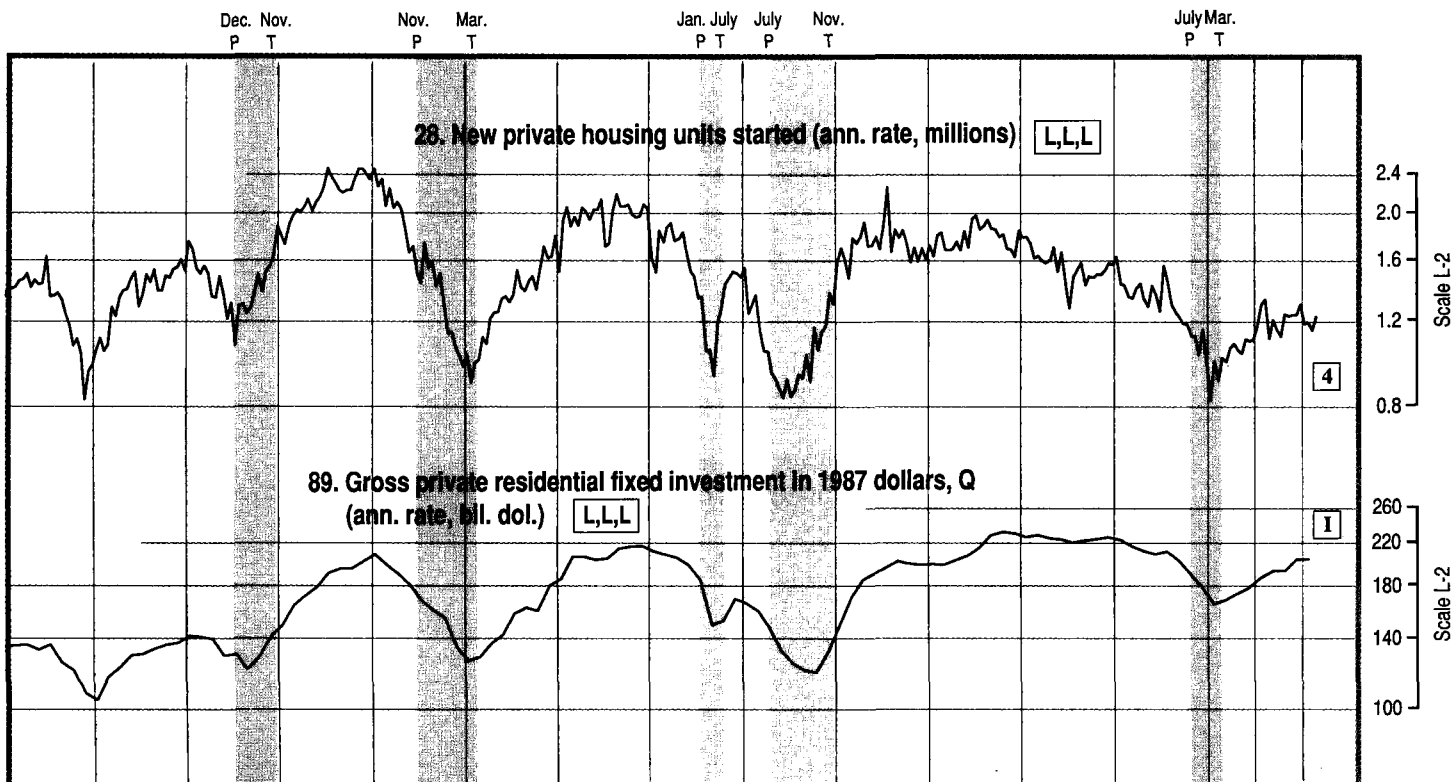
Fixed Capital Investment—Continued



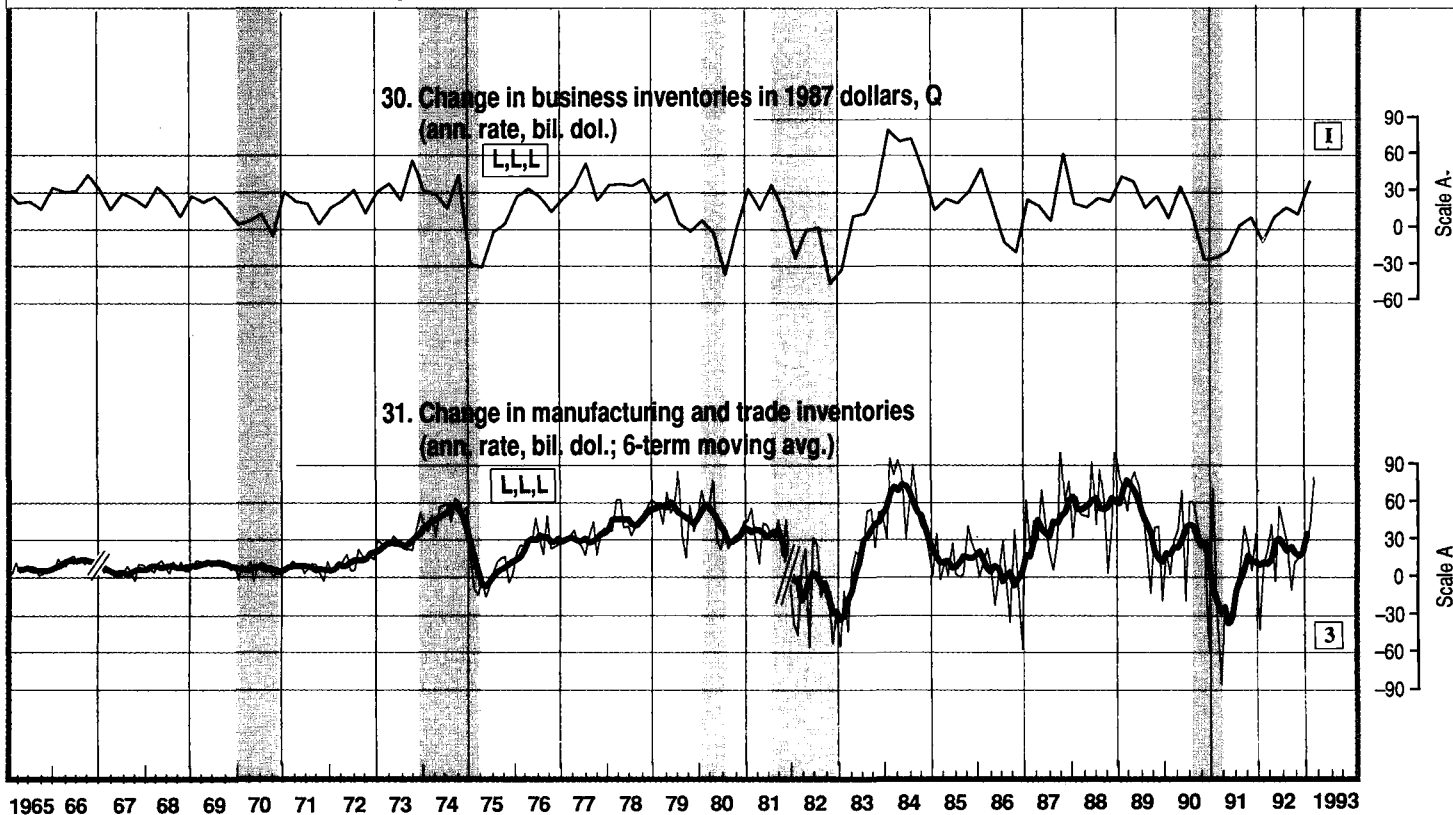
1. Dotted line represents anticipated expenditures.
 NOTE.—Current data for these series are shown on pages C-2 and C-3.

CYCLICAL INDICATORS

Fixed Capital Investment—Continued



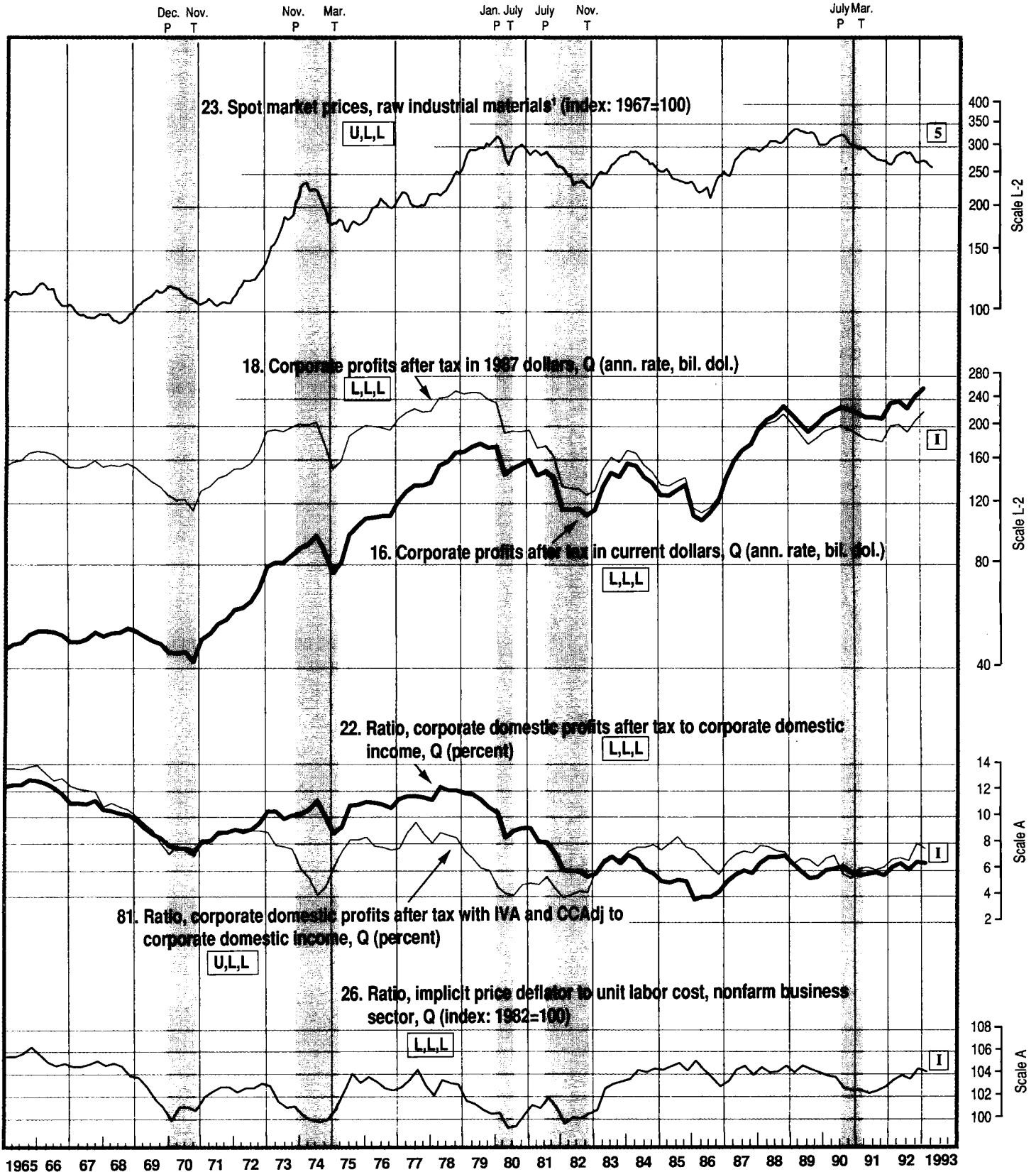
Inventories and Inventory Investment



NOTE.—Current data for these series are shown on page C-3.

CYCLICAL INDICATORS

Prices and Profits

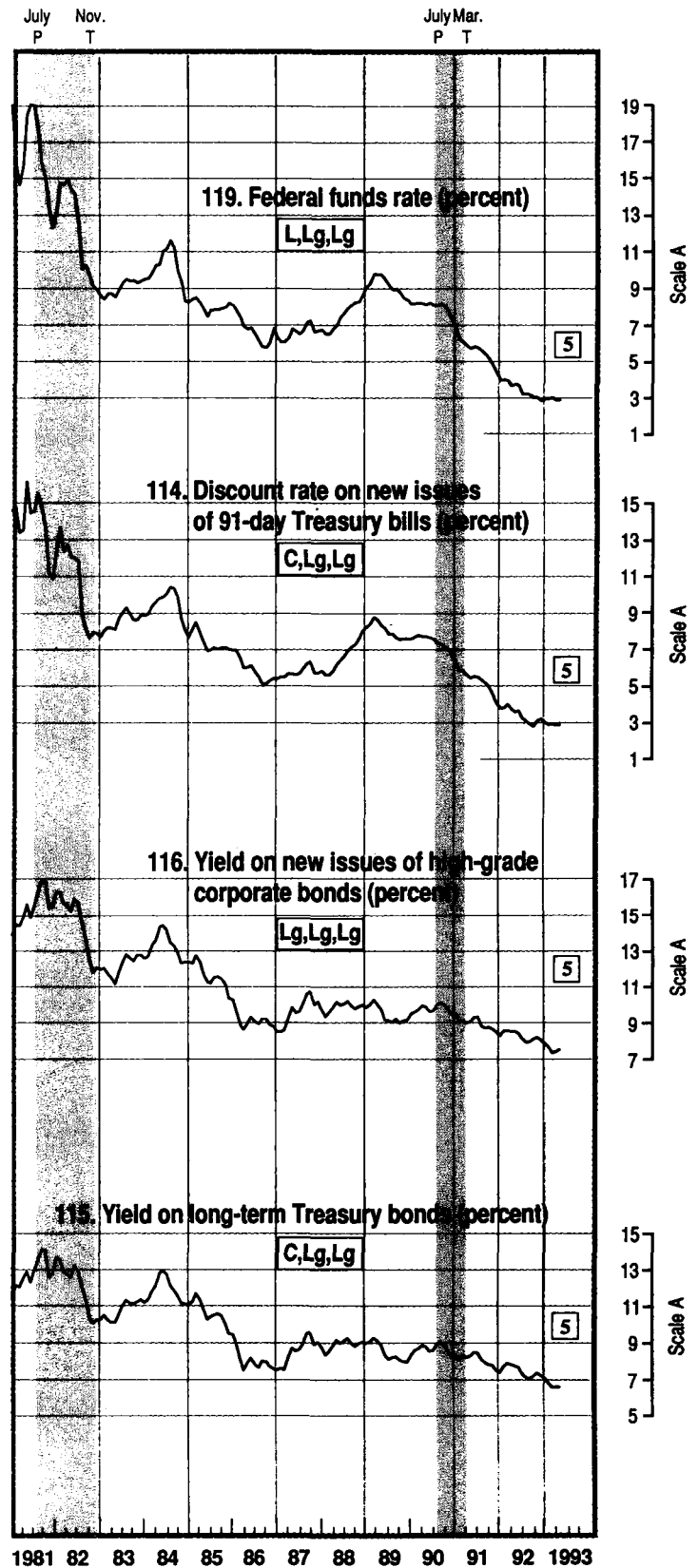
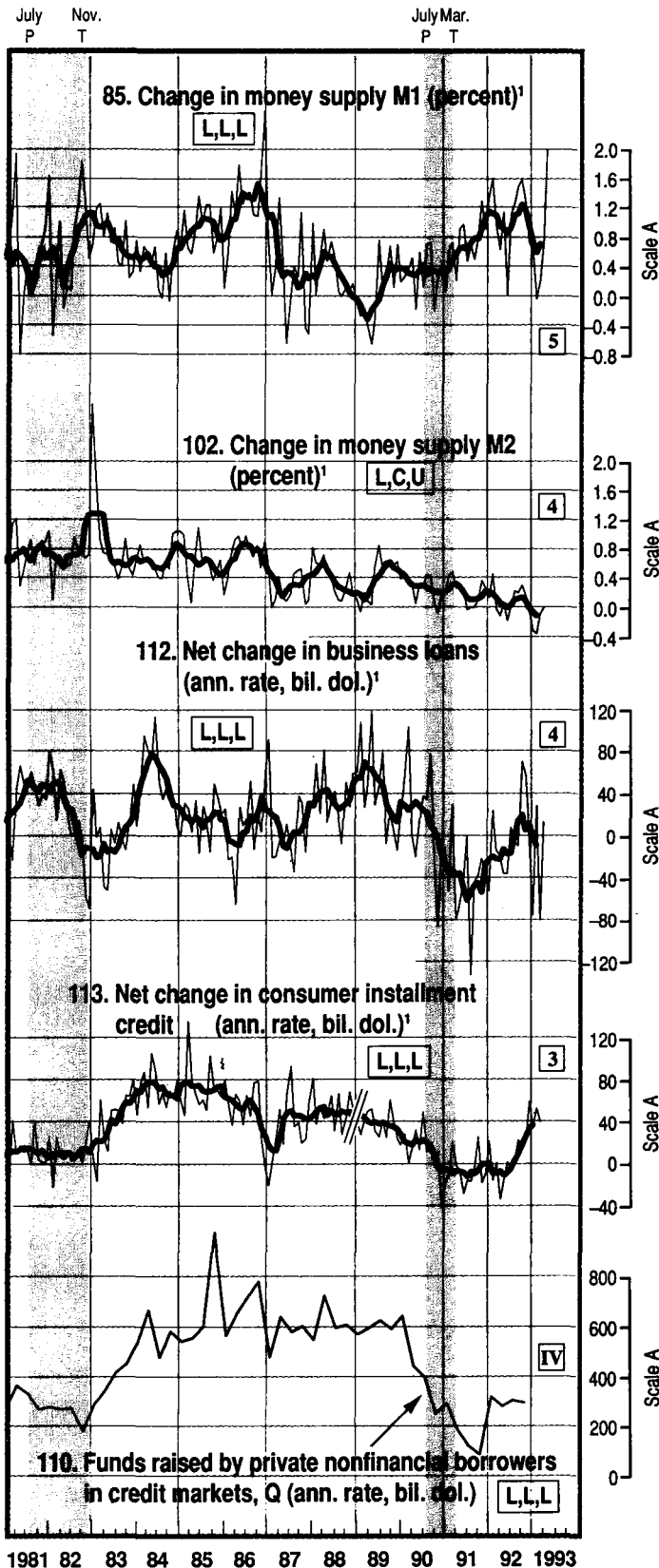


IVA Inventory valuation adjustment. CCAadj Capital consumption adjustment.
 Note.—Current data for these series are shown on pages C-3 and C-4.

1. From June 1981 forward, this is a copyrighted series used by permission; it may not be reproduced without written permission from Commodity Research Bureau, Inc.

CYCLICAL INDICATORS

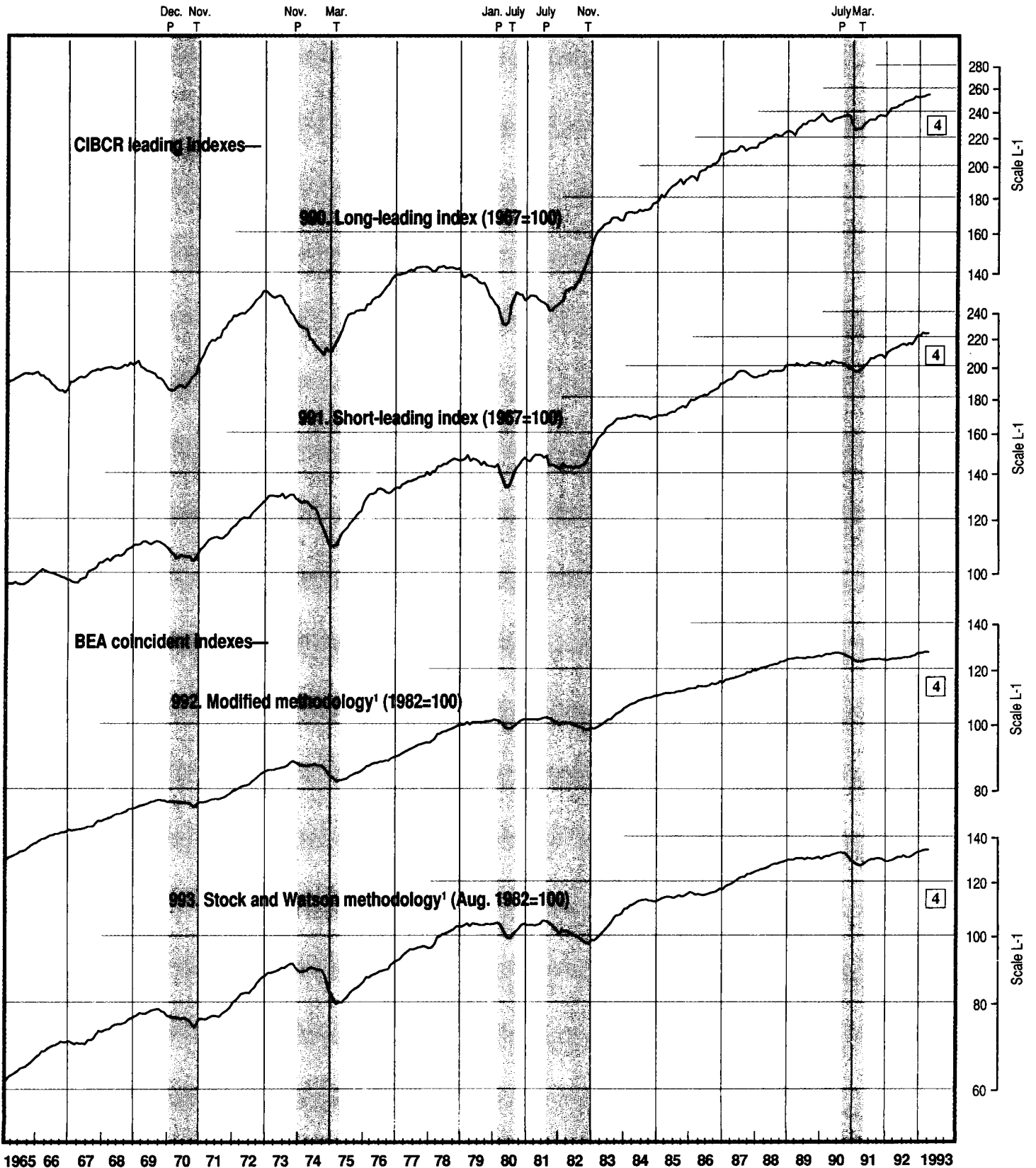
Money, Credit, and Interest Rates



1. The heavy line is a centered 6-term moving average.
 NOTE.—Current data for these series are shown on pages C-4 and C-5.

CYCLICAL INDICATORS

Alternative Composite Indexes



CIBCR: Center for International Business Cycle Research (Columbia University).

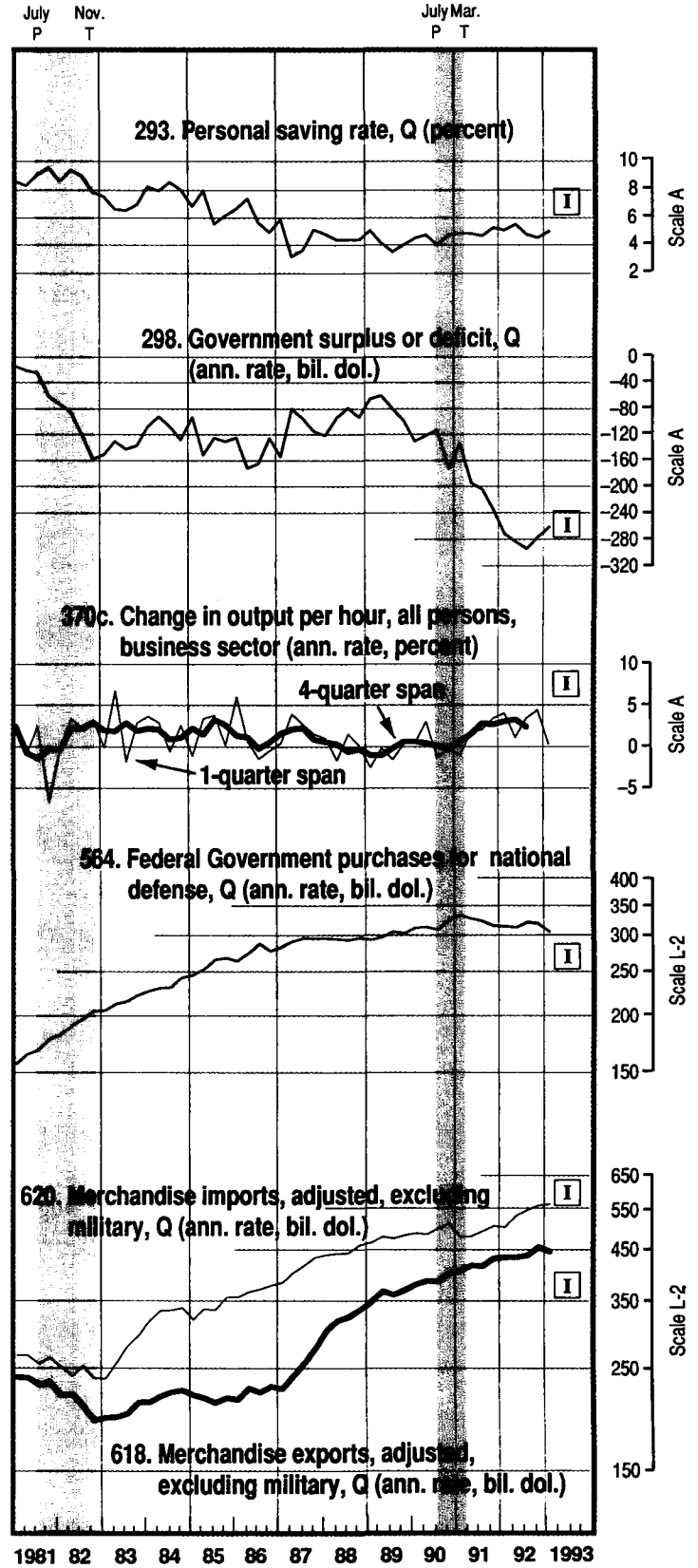
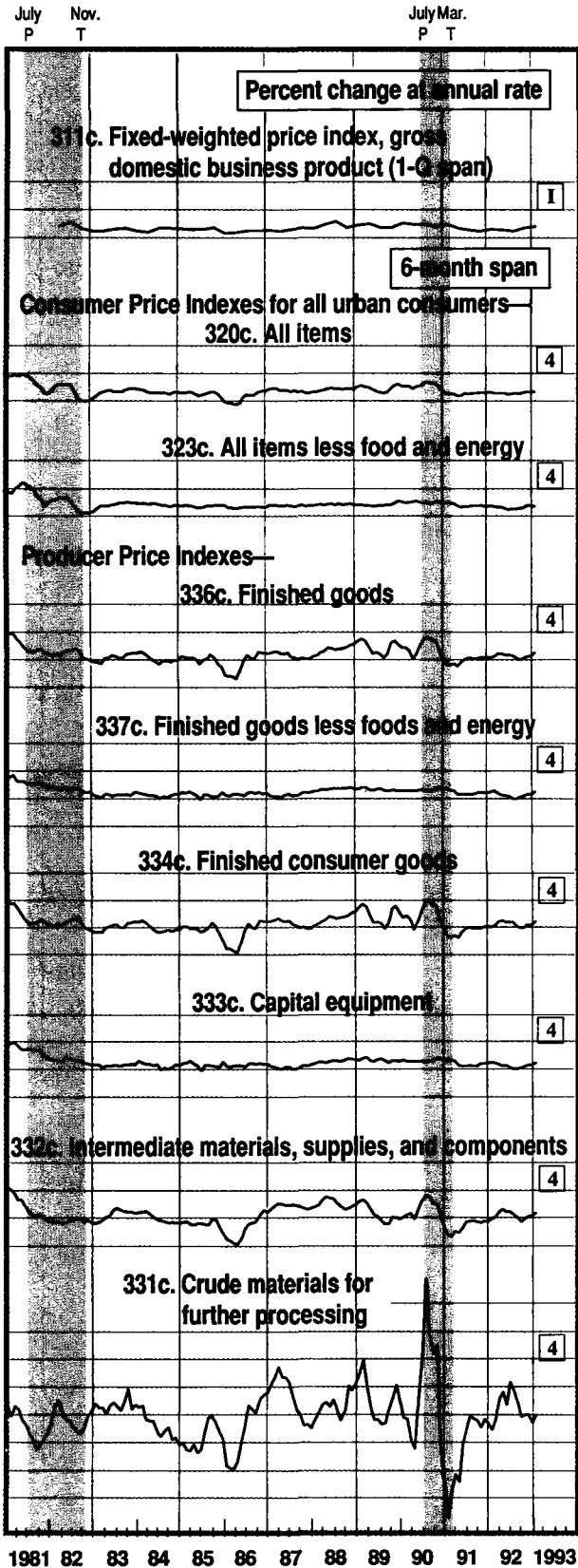
NOTE.—Current data for these series are shown on page C-5.

1. See "The Composite Index of Coincident Indicators and Alternative Coincident Indexes," SURVEY OF CURRENT BUSINESS 72 (June 1992): 42-45.

OTHER IMPORTANT ECONOMIC MEASURES

Prices

Other Measures

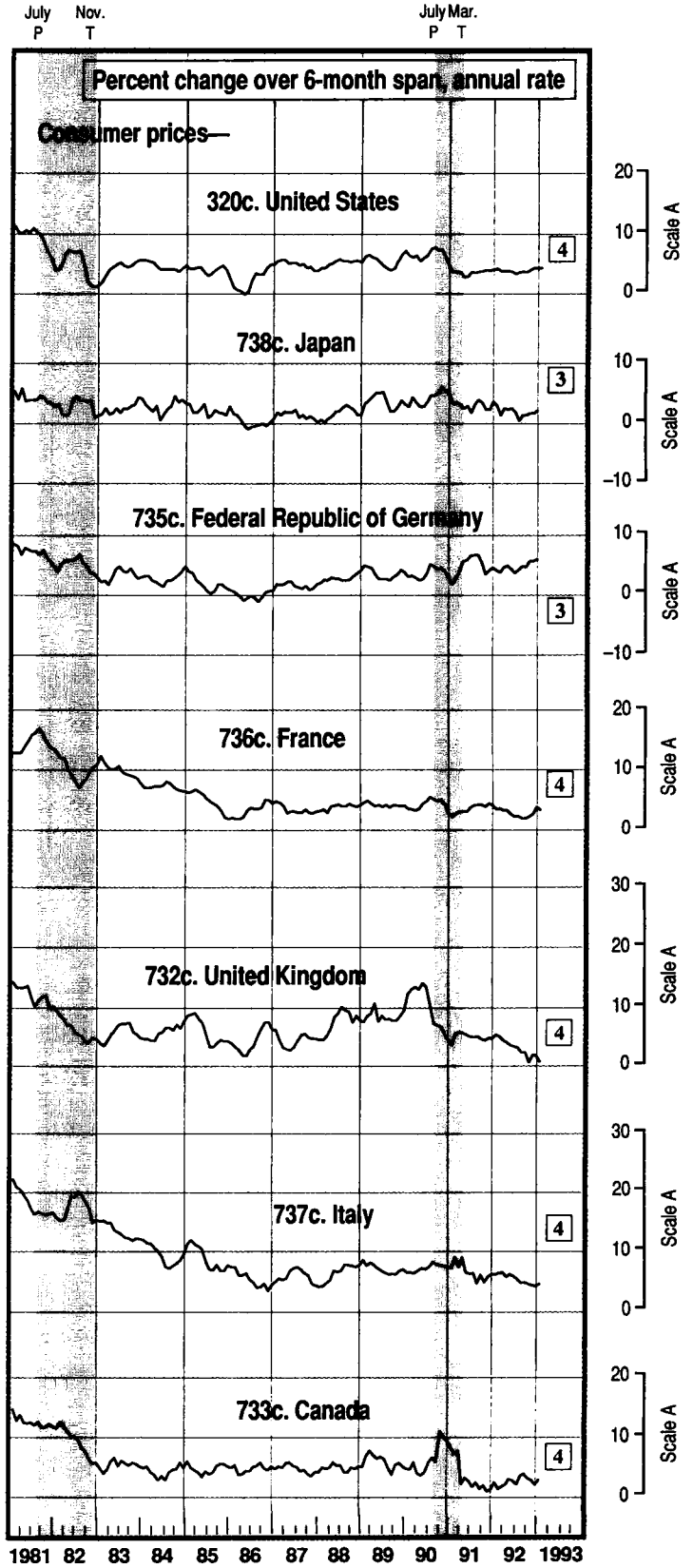
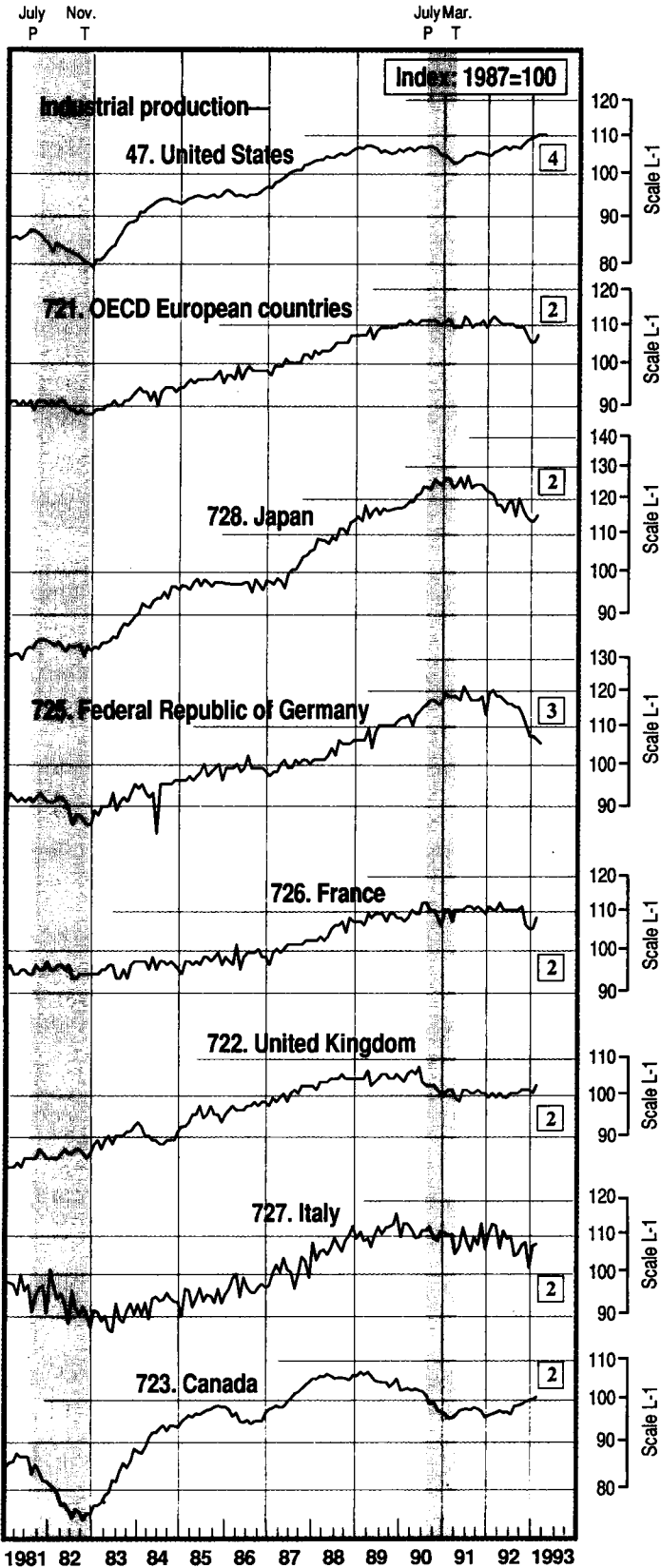


NOTE.—Current data for these series are shown on pages C-3, C-4, and C-5.

OTHER IMPORTANT ECONOMIC MEASURES

International Industrial Production

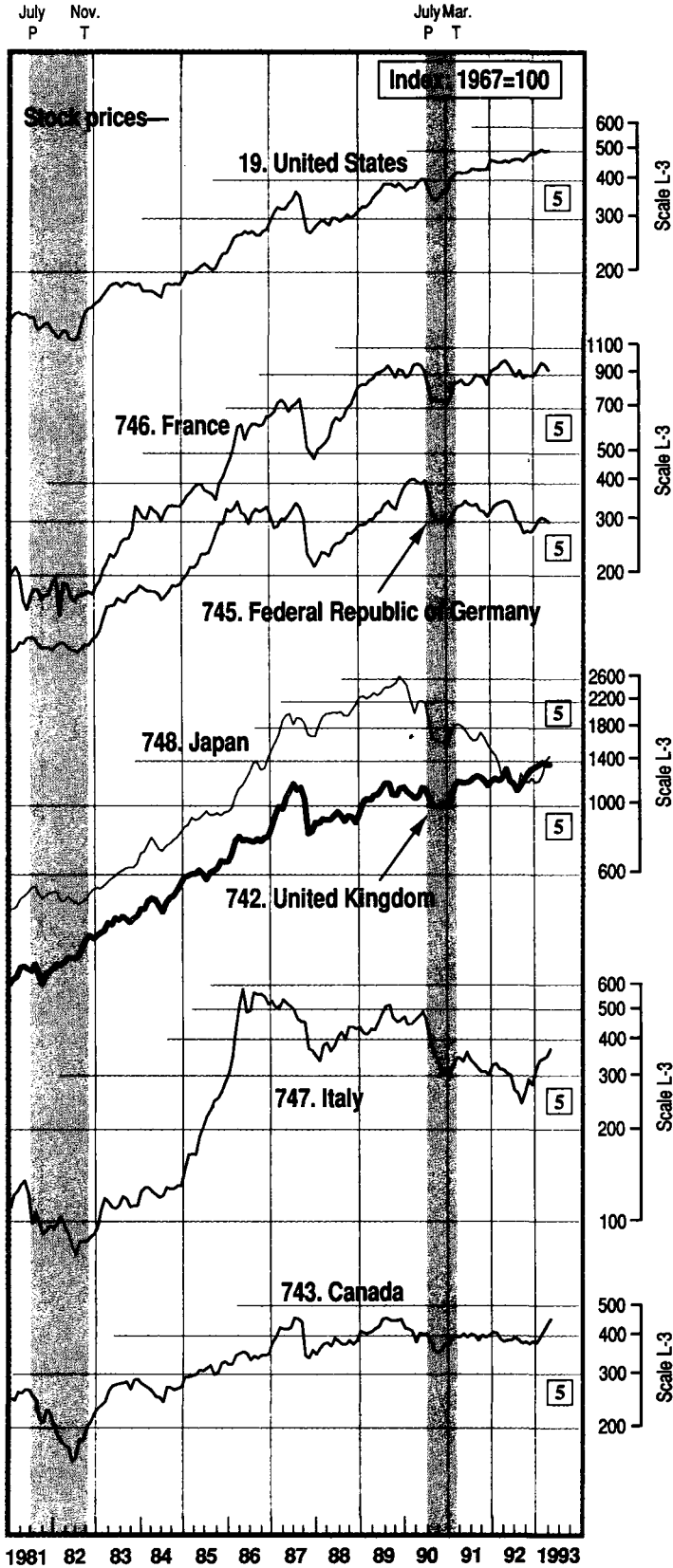
International Consumer Prices



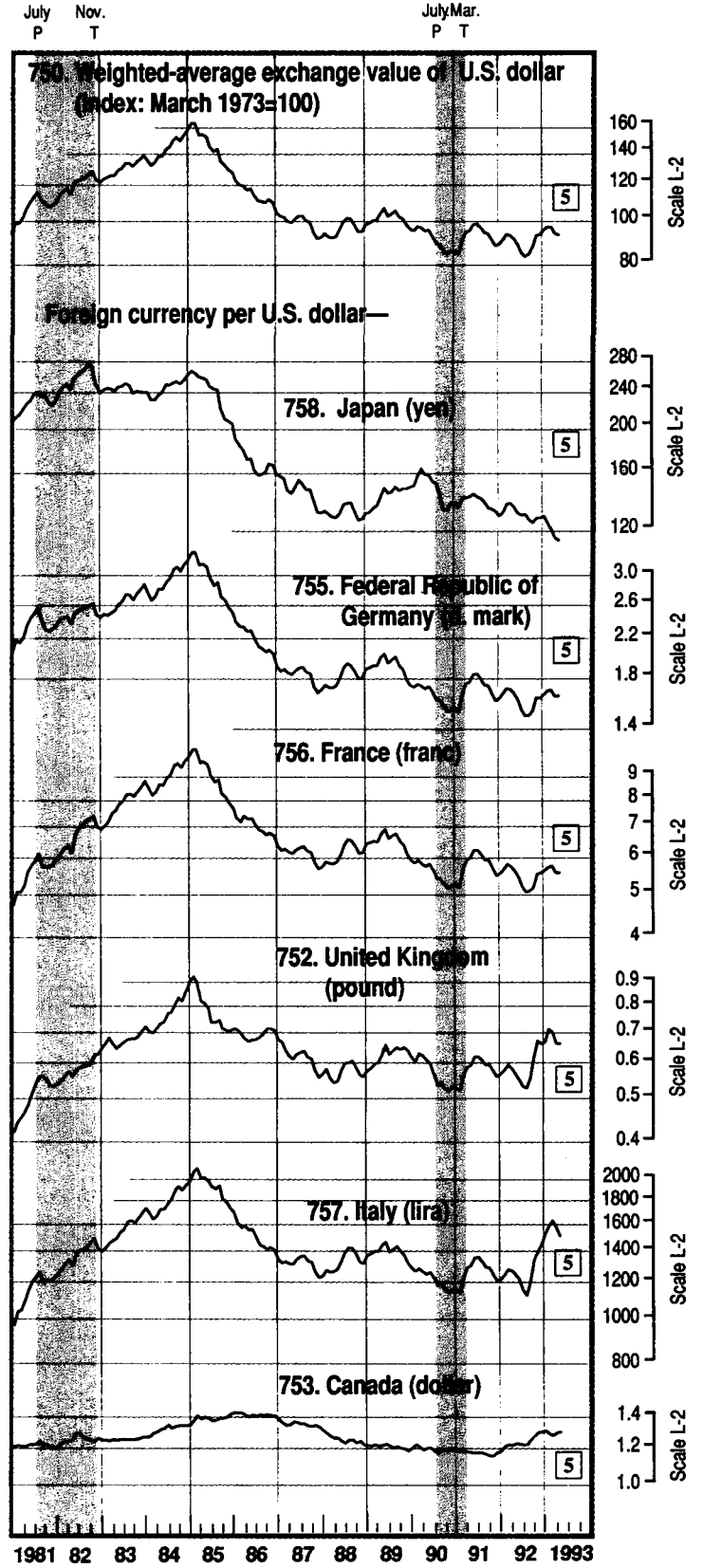
NOTE.—Current data for these series are shown on page C-5.

OTHER IMPORTANT ECONOMIC MEASURES

International Stock Prices



International Exchange Rates



NOTE.—Current data for these series are shown on page C-5.

CURRENT BUSINESS STATISTICS

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.

Current data for the series shown in the S-pages are available on diskette on a subscription basis or from the Commerce Department's Economic Bulletin Board. Historical data, data sources, and methodological notes for each series are published in BUSINESS STATISTICS, 1963-91. For more information, write to Business Statistics Branch, Business Outlook Division (BE-52), Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230.

NOTE.—This section of the SURVEY is prepared by the Business Statistics Branch.

| Unless otherwise stated in footnotes below, data through 1991 and methodological notes are as shown in BUSINESS STATISTICS, 1963-91 | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| 1. GENERAL BUSINESS INDICATORS | | | | | | | | | | | | | | | | |
| PERSONAL INCOME BY SOURCE † | | | | | | | | | | | | | | | | |
| <i>(Billions of dollars)</i> | | | | | | | | | | | | | | | | |
| Seasonally adjusted, at annual rates: | | | | | | | | | | | | | | | | |
| Total personal income | 4,828.3 | 5,058.1 | 5,009.6 | 5,015.4 | 5,032.7 | 5,038.5 | 5,048.7 | 5,056.4 | 5,080.9 | 5,145.0 | 5,143.7 | 5,194.0 | *5,223.1 | *5,228.7 | *5,261.0 | 5,262.0 |
| Wage and salary disbursements, total | 2,812.2 | 2,918.1 | 2,895.0 | 2,890.6 | 2,907.6 | 2,905.7 | 2,911.2 | 2,930.9 | 2,928.3 | 2,951.3 | 2,967.8 | 2,990.6 | *3,010.1 | *3,004.6 | *3,004.3 | 3,012.6 |
| Commodity-producing industries, total | 737.4 | 743.2 | 739.6 | 741.2 | 745.3 | 742.8 | 742.7 | 743.5 | 740.9 | 749.2 | 746.9 | 755.6 | 751.0 | *756.7 | *755.6 | 757.7 |
| Manufacturing | 556.9 | 565.7 | 561.6 | 563.6 | 566.3 | 564.2 | 566.1 | 565.3 | 565.0 | 571.2 | 568.6 | 578.4 | 574.3 | *577.6 | *577.5 | 579.8 |
| Distributive industries | 647.4 | 666.8 | 663.4 | 661.0 | 664.7 | 663.1 | 663.8 | 668.3 | 670.9 | 672.5 | 679.9 | 675.1 | 681.2 | *688.4 | *687.2 | 688.0 |
| Service industries | 883.9 | 945.5 | 936.1 | 929.8 | 936.3 | 935.7 | 940.7 | 954.5 | 952.1 | 960.1 | 972.5 | 989.0 | 996.1 | *983.3 | *985.3 | 989.4 |
| Government | 543.6 | 562.5 | 556.0 | 558.6 | 561.3 | 564.1 | 564.6 | 564.3 | 564.3 | 569.5 | 568.5 | 570.9 | *581.9 | *576.2 | *576.3 | 577.5 |
| Other labor income | 288.3 | 305.7 | 300.7 | 302.1 | 303.6 | 305.0 | 306.4 | 307.9 | 309.3 | 310.8 | 312.2 | 313.6 | 315.1 | *316.5 | 318.0 | 319.4 |
| Proprietors' income: ‡ | | | | | | | | | | | | | | | | |
| Farm | 35.8 | 39.5 | 49.0 | 48.1 | 36.1 | 31.4 | 30.6 | 24.9 | 39.1 | 55.4 | 39.3 | 49.4 | 38.4 | *45.5 | *74.7 | 53.5 |
| Nonfarm | 332.2 | 364.9 | 356.9 | 358.6 | 359.2 | 361.9 | 363.8 | 363.8 | 369.9 | 376.7 | 380.0 | 384.4 | *388.9 | *388.9 | *389.6 | 391.0 |
| Rental income of persons with capital consumption adjustment | -10.4 | 4.7 | -3.2 | -1.2 | 3.3 | 8.0 | 9.6 | 3.6 | 6.1 | 13.5 | 13.4 | 14.0 | *17.6 | *20.1 | *14.9 | 23.4 |
| Personal dividend income | 137.0 | 139.3 | 134.2 | 135.4 | 136.6 | 137.9 | 139.5 | 141.3 | 142.3 | 143.8 | 145.3 | 148.2 | 149.6 | *149.9 | 150.1 | 150.3 |
| Personal interest income | 700.6 | 670.2 | 676.9 | 676.0 | 675.2 | 674.4 | 668.6 | 663.1 | 657.8 | 657.7 | 657.8 | 657.9 | *656.9 | *656.3 | *656.0 | 655.5 |
| Transfer payments to persons | 771.1 | 866.1 | 848.2 | 854.2 | 860.9 | 864.1 | 869.4 | 872.8 | 880.0 | 889.2 | 882.6 | 892.1 | *806.8 | *907.4 | *913.9 | 917.1 |
| Less: Personal contributions for social insurance | 238.4 | 250.6 | 248.2 | 248.3 | 249.8 | 249.9 | 250.5 | 252.0 | 251.9 | 253.4 | 254.7 | 256.3 | *260.3 | *260.3 | *260.4 | 260.9 |
| Total nonfarm income | 4,770.4 | 4,995.8 | 4,938.2 | 4,944.9 | 4,973.9 | 4,984.4 | 4,995.3 | 5,008.7 | 5,018.9 | 5,066.4 | 5,081.1 | 5,121.3 | *5,161.1 | *5,159.6 | *5,162.8 | 5,184.6 |
| DISPOSITION OF PERSONAL INCOME † | | | | | | | | | | | | | | | | |
| <i>(Billions of dollars, unless otherwise indicated)</i> | | | | | | | | | | | | | | | | |
| Seasonally adjusted, at annual rates: | | | | | | | | | | | | | | | | |
| Total personal income | 4,828.3 | 5,058.1 | 5,009.6 | 5,015.4 | 5,032.7 | 5,038.5 | 5,048.7 | 5,056.4 | 5,080.9 | 5,145.0 | 5,143.7 | 5,194.0 | *5,223.1 | *5,228.7 | *5,261.0 | 5,262.0 |
| Less: Personal tax and nontax payments | 618.7 | 627.3 | 609.0 | 614.7 | 617.6 | 619.0 | 624.1 | 630.1 | 632.2 | 639.1 | 643.3 | 648.5 | 656.9 | 656.0 | *658.0 | 658.2 |
| Equals: Disposable personal income | 4,209.6 | 4,430.8 | 4,400.6 | 4,400.7 | 4,415.1 | 4,419.5 | 4,424.6 | 4,426.3 | 4,448.7 | 4,505.9 | 4,500.4 | 4,545.4 | *4,566.1 | *4,572.7 | *4,605.2 | 4,603.8 |
| Less: Personal outlays | 4,009.9 | 4,218.1 | 4,153.7 | 4,162.7 | 4,174.9 | 4,200.9 | 4,222.0 | 4,214.0 | 4,253.8 | 4,296.7 | 4,308.4 | 4,345.5 | *4,353.9 | *4,369.9 | *4,363.3 | 4,407.0 |
| Personal consumption expenditures | 3,887.7 | 4,095.8 | 4,030.3 | 4,039.9 | 4,052.6 | 4,078.7 | 4,100.6 | 4,092.8 | 4,132.6 | 4,175.2 | 4,186.7 | 4,222.5 | *4,230.5 | *4,246.1 | *4,239.2 | 4,282.7 |
| Durable goods | 446.1 | 480.4 | 463.5 | 462.6 | 468.6 | 480.5 | 479.8 | 483.2 | 484.6 | 499.5 | 490.9 | 506.9 | *513.7 | *492.9 | *495.1 | 516.0 |
| Nondurable goods | 1,251.5 | 1,290.7 | 1,269.5 | 1,274.0 | 1,280.3 | 1,278.3 | 1,289.2 | 1,293.9 | 1,295.4 | 1,314.9 | 1,316.6 | 1,324.1 | *1,319.2 | *1,330.0 | *1,316.1 | 1,324.1 |
| Services | 2,190.1 | 2,324.7 | 2,297.3 | 2,303.3 | 2,303.7 | 2,319.9 | 2,331.6 | 2,315.8 | 2,352.6 | 2,360.8 | 2,379.1 | 2,391.5 | *2,397.5 | *2,423.3 | *2,428.0 | 2,442.6 |
| Interest paid by persons | 112.5 | 112.1 | 113.3 | 112.4 | 111.9 | 111.8 | 111.4 | 111.2 | 111.2 | 111.3 | 111.3 | 112.6 | *112.7 | *113.1 | *113.4 | 113.6 |
| Personal transfer payments to rest of the world (net) | 9.7 | 10.3 | 10.2 | 10.4 | 10.4 | 10.4 | 10.0 | 10.0 | 10.0 | 10.4 | 10.4 | 10.4 | *10.7 | *10.7 | *10.7 | 10.7 |
| Equals: personal saving | 199.6 | 212.6 | 246.8 | 238.0 | 240.2 | 218.6 | 202.6 | 212.3 | 194.9 | 209.2 | 192.0 | 199.9 | *212.3 | *202.9 | *241.9 | 196.8 |
| Personal saving as percentage of disposable personal income § | 4.7 | 4.8 | 5.3 | 5.5 | 5.3 | 5.0 | 4.8 | 4.6 | 4.6 | 4.4 | 4.4 | 4.4 | 4.5 | 4.8 | 4.7 | ..... |
| Disposable personal income in constant (1987) dollars | 3,509.0 | 3,585.1 | 3,581.9 | 3,573.3 | 3,578.6 | 3,576.1 | 3,574.4 | 3,585.5 | 3,581.7 | 3,613.4 | 3,604.0 | 3,637.1 | *3,639.4 | *3,633.3 | *3,654.5 | 3,640.6 |
| Personal consumption expenditures in constant (1987) dollars | 3,240.8 | 3,314.0 | 3,280.5 | 3,280.3 | 3,284.8 | 3,300.3 | 3,312.6 | 3,315.3 | 3,327.2 | 3,348.2 | 3,352.7 | 3,378.7 | *3,371.8 | *3,373.8 | *3,364.1 | 3,386.7 |
| Durable goods | 414.7 | 439.1 | 425.6 | 423.9 | 427.6 | 438.6 | 437.8 | 440.0 | 441.5 | 453.9 | 446.6 | 462.6 | *466.7 | *448.2 | *450.3 | 466.0 |
| Nondurable goods | 1,042.4 | 1,054.1 | 1,040.9 | 1,044.4 | 1,048.8 | 1,043.6 | 1,051.2 | 1,052.4 | 1,052.5 | 1,066.7 | 1,068.2 | 1,073.2 | *1,064.7 | *1,068.0 | *1,056.5 | 1,062.2 |
| Services | 1,783.7 | 1,820.7 | 1,813.9 | 1,812.1 | 1,808.4 | 1,818.2 | 1,823.7 | 1,822.9 | 1,833.2 | 1,827.6 | 1,837.9 | 1,843.0 | *1,840.4 | *1,857.6 | *1,857.3 | 1,858.5 |
| Implicit price deflator for personal consumption expenditures, 1987=100 | 120.0 | 123.6 | 122.9 | 123.2 | 123.4 | 123.6 | 123.8 | 123.5 | 124.2 | 124.7 | 124.9 | 125.0 | *125.5 | *125.9 | 126.0 | 126.5 |
| INDUSTRIAL PRODUCTION ◊ | | | | | | | | | | | | | | | | |
| <i>(1987=100)</i> | | | | | | | | | | | | | | | | |
| Not seasonally adjusted: | | | | | | | | | | | | | | | | |
| Total index | *104.1 | *106.5 | *105.1 | *104.3 | *105.3 | *107.8 | *105.7 | *109.1 | *108.9 | *109.2 | *108.0 | *107.1 | *107.6 | *109.3 | *109.2 | 108.0 |
| By industry groups: | | | | | | | | | | | | | | | | |
| Mining | *100.4 | *97.6 | *97.2 | *96.8 | *96.9 | *96.0 | *96.1 | *97.1 | *97.2 | *99.0 | *100.4 | *98.8 | *98.4 | *97.0 | *95.5 | 95.5 |
| Utilities | *112.2 | *112.0 | *114.2 | *105.5 | *100.0 | *103.8 | *112.6 | *110.9 | *105.6 | *102.0 | *109.6 | *127.7 | *133.4 | *128.6 | *120.2 | 106.5 |
| Manufacturing | *103.7 | *106.9 | *105.0 | *104.9 | *106.5 | *109.3 | *106.0 | *110.1 | *110.3 | *108.9 | *108.6 | *106.0 | *106.1 | *108.8 | *09.5 | 109.3 |
| Durable | *103.8 | *108.1 | *106.8 | *106.0 | *108.5 | *110.3 | *105.6 | *110.3 | *110.5 | *112.3 | *110.9 | *109.2 | *109.1 | *113.0 | *114.1 | 113.0 |
| Nondurable | *103.5 | *105.4 | *102.7 | *103.6 | *104.1 | *108.0 | *106.4 | *109.8 | *110.2 | *109.1 | *105.7 | *102.0 | *102.4 | *103.6 | *103.8 | 104.7 |
| Seasonally adjusted: | | | | | | | | | | | | | | | | |
| Total index | *104.1 | *106.6 | *105.6 | *106.3 | *106.7 | *106.0 | *106.8 | *106.6 | *106.2 | *107.5 | *108.4 | *108.9 | *109.3 | *109.9 | *109.9 | 110.0 |
| By market groups: | | | | | | | | | | | | | | | | |
| Products, total | *103.2 | *105.7 | *104.5 | *105.3 | *105.7 | *104.8 | *105.7 | *105.9 | *105.3 | *107.1 | *107.8 | *108.2 | *108.5 | *109.1 | *109.1 | 109.1 |
| Final products | *105.4 | *108.3 | *106.9 | *107.7 | *108.3 | *107.1 | *108.1 | *108.9 | *108.1 | *110.1 | *111.0 | *111.5 | *111.9 | *112.3 | *112.3 | 112.5 |
| Consumer goods | *102.9 | *105.2 | *104.7 | *105.4 | *105.8 | *104.0 | *104.9 | *105.1 | *104.4 | *106.4 | *107.1 | *107.5 | *107.6 | *108.2 | *108.1 | 107.9 |

See footnotes at end of tables.

SURVEY OF CURRENT BUSINESS

| | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|---|-----------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|-------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| 1. GENERAL BUSINESS INDICATORS—Continued | | | | | | | | | | | | | | | | |
| INDUSTRIAL PRODUCTION ◊—Continued | | | | | | | | | | | | | | | | |
| [1987=100] | | | | | | | | | | | | | | | | |
| Seasonally adjusted—Continued | | | | | | | | | | | | | | | | |
| By market groups—Continued | | | | | | | | | | | | | | | | |
| Final products—Continued | | | | | | | | | | | | | | | | |
| Consumer goods—Continued | | | | | | | | | | | | | | | | |
| Durable | *95.4 | *102.6 | *100.9 | *102.6 | *105.6 | *102.0 | *102.8 | *101.9 | *100.9 | *104.1 | *105.7 | *107.9 | *110.9 | *111.7 | *111.0 | 111.2 |
| Automotive products | *90.3 | *99.5 | *96.5 | *99.0 | *102.9 | *99.0 | *98.8 | *99.5 | *97.3 | *103.1 | *104.1 | *108.7 | *112.7 | *112.6 | *111.4 | 111.0 |
| Autos and trucks | *85.2 | *97.0 | *92.2 | *97.4 | *102.1 | *96.5 | *95.3 | *96.0 | *93.5 | *101.5 | *102.9 | *111.7 | *116.8 | *115.7 | *113.5 | 112.8 |
| Other durable goods | *99.9 | *105.2 | *104.7 | *105.8 | *107.9 | *104.6 | *106.3 | *104.0 | *104.1 | *104.9 | *107.1 | *107.2 | *109.3 | *110.9 | *110.7 | 111.4 |
| Nondurable | *105.0 | *106.0 | *105.7 | *106.1 | *105.9 | *104.6 | *105.5 | *106.0 | *105.3 | *107.1 | *107.5 | *107.4 | *106.7 | *107.3 | *107.3 | 107.0 |
| Foods and tobacco | *104.1 | *104.8 | *104.5 | *104.8 | *104.7 | *103.3 | *105.0 | *107.0 | *104.9 | *105.9 | *105.2 | *104.8 | *104.6 | *104.9 | *104.3 | 104.4 |
| Clothing | *93.2 | *95.1 | *95.4 | *95.0 | *95.7 | *94.5 | *95.1 | *94.0 | *94.3 | *94.5 | *95.9 | *96.0 | *95.7 | *95.4 | *95.2 | 94.9 |
| Chemical products | *115.3 | *118.8 | *117.9 | *118.9 | *118.1 | *117.6 | *117.3 | *116.5 | *118.5 | *121.1 | *123.3 | *121.7 | *122.4 | *120.4 | *122.7 | 123.2 |
| Paper products | *101.8 | *100.8 | *101.3 | *101.2 | *101.0 | *100.6 | *100.1 | *100.2 | *100.4 | *100.1 | *100.9 | *100.9 | *100.2 | *101.8 | *101.8 | 102.2 |
| Energy products | *108.2 | *108.1 | *107.7 | *109.0 | *107.8 | *105.2 | *106.3 | *105.6 | *104.6 | *111.1 | *112.0 | *114.4 | *109.5 | *114.0 | *113.6 | 110.2 |
| Equipment, total | *109.0 | *112.8 | *110.2 | *111.1 | *112.0 | 111.6 | *112.7 | *114.3 | *113.5 | *115.4 | *116.7 | *117.2 | *118.1 | *118.1 | *118.4 | 119.1 |
| Business equipment | *115.8 | *123.3 | *119.0 | *120.6 | *122.1 | *121.9 | *123.7 | *126.1 | *125.0 | *127.5 | *129.0 | *129.6 | *131.2 | *131.8 | *132.9 | 134.0 |
| Information processing and related | *120.6 | *134.6 | *127.8 | *129.6 | *131.4 | *134.3 | *137.4 | *138.5 | *138.2 | *142.2 | *142.9 | *143.2 | *144.4 | *146.1 | *149.2 | 151.9 |
| Office and computing machines | *137.3 | *168.0 | *155.6 | *158.5 | *162.1 | *167.3 | *171.8 | *173.7 | *178.3 | *183.1 | *184.5 | *186.4 | *192.0 | *198.0 | *205.7 | 212.8 |
| Industrial | *106.2 | *108.5 | *106.3 | *106.8 | *108.4 | *108.7 | *109.1 | *109.2 | *109.6 | *110.1 | *112.0 | *112.3 | *113.1 | *112.5 | *112.6 | 112.6 |
| Transit | *134.2 | *137.6 | *135.5 | *137.5 | *136.9 | *133.9 | *135.3 | *143.3 | *134.5 | *137.4 | *140.4 | *144.1 | *146.7 | *147.1 | *145.0 | 143.5 |
| Autos and trucks | *105.4 | *118.1 | *114.1 | *119.5 | *123.3 | *117.2 | *114.2 | *117.3 | *114.7 | *121.7 | *123.9 | *131.4 | *136.7 | *138.1 | *135.9 | 134.6 |
| Defense and space equipment | *91.7 | *86.0 | *88.9 | *87.7 | *87.2 | *86.5 | *85.1 | *84.5 | *84.4 | *83.5 | *83.2 | *82.5 | *82.0 | *81.4 | *80.9 | 80.5 |
| Oil and gas well drilling | *93.9 | *78.0 | *75.1 | *75.5 | *75.4 | *73.1 | *73.8 | *75.6 | *76.3 | *82.7 | *86.4 | *91.2 | *86.0 | *79.9 | *71.1 | 72.4 |
| Manufactured homes | *77.9 | *100.4 | *91.4 | *93.0 | *92.5 | *90.1 | *101.3 | *96.9 | *100.9 | *110.4 | *118.5 | *128.6 | *129.4 | *127.1 | *116.2 | 116.7 |
| Intermediate products | *96.5 | *97.6 | *97.2 | *97.9 | *97.9 | *97.7 | *98.6 | *97.0 | *96.9 | *97.8 | *98.1 | *98.3 | *98.2 | *99.3 | *99.4 | 98.6 |
| Construction supplies | *90.8 | *93.9 | *93.4 | *93.6 | *95.3 | *93.6 | *94.3 | *94.0 | *93.0 | *94.7 | *95.1 | *94.5 | *94.8 | *97.3 | *97.2 | 96.3 |
| Business supplies | *100.4 | *100.1 | *99.7 | *100.7 | *99.6 | *100.6 | *101.4 | *99.0 | *99.5 | *99.9 | *100.0 | *100.8 | *100.5 | *100.6 | *100.8 | 100.2 |
| Materials | *105.5 | *107.9 | *107.3 | *107.9 | *108.0 | *107.8 | *108.5 | *107.6 | *107.4 | *108.1 | *109.3 | *110.0 | *110.4 | *111.1 | *111.0 | 111.4 |
| Durable | *105.3 | *109.0 | *108.1 | *108.8 | *109.0 | *108.7 | *109.3 | *108.9 | *107.6 | *109.7 | *111.1 | *111.9 | *113.3 | *114.4 | *114.3 | 115.0 |
| Nondurable | *107.1 | *111.0 | *110.9 | *111.2 | *111.5 | *111.5 | *111.5 | *110.7 | *111.7 | *110.7 | *112.0 | *111.5 | *112.4 | *112.1 | *112.4 | 113.5 |
| Energy | *104.6 | *103.4 | *102.7 | *103.5 | *103.3 | *103.1 | *104.4 | *102.5 | *103.6 | *103.0 | *103.9 | *105.1 | *103.4 | *103.9 | *103.8 | 102.9 |
| By industry groups: | | | | | | | | | | | | | | | | |
| Mining | *100.4 | *97.6 | *97.2 | *97.4 | *98.8 | *97.1 | *98.5 | *97.0 | *97.1 | *97.6 | *97.8 | *98.2 | *98.3 | *95.6 | *95.4 | 96.1 |
| Metal mining | *156.7 | *161.8 | *162.0 | *156.0 | *172.2 | *157.8 | *156.5 | *165.5 | *159.8 | *168.1 | *171.6 | *158.1 | *167.7 | *163.0 | *163.5 | 161.9 |
| Coal | *109.3 | *105.5 | *104.6 | *106.5 | *109.5 | *101.9 | *108.0 | *103.9 | *103.6 | *103.8 | *103.5 | *107.9 | *108.2 | *101.7 | *102.3 | 108.0 |
| Oil and gas extraction # | *96.0 | *92.6 | *92.2 | *92.4 | *92.5 | *93.1 | *93.6 | *91.9 | *92.7 | *92.7 | *92.8 | *93.4 | *92.6 | *90.4 | *90.0 | 89.9 |
| Crude oil | *89.1 | *85.7 | *86.8 | *86.5 | *85.5 | *86.2 | *85.7 | *84.3 | *84.8 | *84.2 | *84.0 | *85.9 | *83.4 | *81.8 | *82.1 | 82.1 |
| Natural gas | *107.0 | *106.7 | *103.9 | *105.2 | *107.0 | *108.4 | *111.1 | *108.4 | *109.3 | *108.4 | *108.2 | *104.3 | *106.9 | *105.9 | *106.1 | 93.3 |
| Stone and earth minerals | *94.2 | *93.8 | *94.3 | *94.8 | *96.9 | *92.7 | *94.1 | *93.8 | *91.9 | *93.6 | *94.4 | *92.6 | *93.8 | *95.1 | *95.0 | 95.2 |
| Utilities | *111.9 | *111.9 | *111.4 | *112.0 | *111.2 | *110.0 | *111.2 | *110.4 | *111.2 | *112.7 | *114.7 | *116.8 | *112.8 | *117.4 | *117.3 | 113.1 |
| Electric | *112.7 | *111.6 | *111.4 | *111.8 | *110.8 | *109.5 | *110.8 | *110.0 | *110.9 | *112.6 | *114.1 | *116.4 | *112.9 | *117.2 | *117.4 | 113.2 |
| Gas | *109.0 | *112.9 | *111.8 | *113.0 | *112.6 | *112.0 | *112.8 | *112.1 | *112.0 | *113.2 | *117.3 | *118.2 | *112.4 | *118.2 | *116.9 | 112.7 |
| Manufacturing | *103.7 | *106.9 | *106.1 | *106.5 | *107.1 | *106.5 | *107.1 | *107.0 | *106.8 | *108.0 | *108.9 | *109.2 | *109.9 | *110.5 | *110.6 | 111.0 |
| Durable | *103.9 | *108.2 | *106.7 | *107.2 | *108.4 | *107.6 | *108.2 | *108.5 | *108.1 | *109.8 | *110.9 | *111.8 | *112.9 | *113.9 | *114.0 | 114.4 |
| Lumber and products | *90.5 | *96.4 | *96.5 | *95.3 | *96.1 | *93.8 | *96.6 | *96.6 | *94.7 | *97.8 | *99.8 | *98.0 | *99.3 | *101.3 | *99.9 | 98.6 |
| Furniture and fixtures | *94.0 | *98.9 | *95.4 | *99.4 | *101.0 | *94.2 | *97.5 | *99.2 | *100.5 | *100.4 | *102.3 | *103.9 | *105.2 | *105.2 | *107.0 | 107.3 |
| Clay, glass, and stone products | *92.6 | *95.9 | *94.7 | *94.5 | *97.4 | *95.6 | *96.8 | *95.7 | *96.5 | *96.8 | *97.6 | *98.0 | *97.0 | *99.1 | *98.0 | 98.3 |
| Primary metals | *98.5 | *101.2 | *102.6 | *101.8 | *101.1 | *101.2 | *100.6 | *100.5 | *98.0 | *100.5 | *101.6 | *102.4 | *102.8 | *107.9 | *104.8 | 105.1 |
| Iron and steel | *100.7 | *104.8 | *106.5 | *105.6 | *104.8 | *103.8 | *104.7 | *103.8 | *102.0 | *104.1 | *103.6 | *107.4 | *107.0 | *112.8 | *109.1 | 109.5 |
| Nonferrous | *95.5 | *96.2 | *97.3 | *96.6 | *95.9 | *97.5 | *95.0 | *96.1 | *92.4 | *95.6 | *98.8 | *95.7 | *97.1 | *101.1 | *98.8 | 99.0 |
| Fabricated metal products | *95.0 | *96.8 | *96.6 | *96.8 | *97.2 | *97.1 | *97.0 | *97.0 | *96.5 | *97.5 | *97.6 | *97.8 | *99.8 | *100.1 | *100.4 | 100.4 |
| Machinery and computer equipment | *113.8 | *124.9 | *120.0 | *120.9 | *123.2 | *123.8 | *125.7 | *126.9 | *127.9 | *130.6 | *132.8 | *133.8 | *135.0 | *137.1 | *139.6 | 142.0 |
| Electrical machinery | *112.8 | *120.0 | *117.2 | *118.2 | *119.5 | *119.3 | *120.7 | *120.6 | *121.5 | *122.6 | *124.4 | *124.8 | *125.8 | *127.0 | *127.8 | 127.9 |
| Transportation equipment | *102.0 | *102.7 | *102.3 | *103.2 | *104.5 | *102.7 | *101.4 | *102.4 | *100.5 | *103.0 | *103.6 | *106.3 | *108.4 | *108.1 | *107.0 | 106.4 |
| Motor vehicles and parts | *94.8 | *105.0 | *101.2 | *104.5 | *107.9 | *104.8 | *103.1 | *105.0 | *102.6 | *108.0 | *109.9 | *116.2 | *120.9 | *121.3 | *120.0 | 120.2 |
| Instruments | *105.4 | *104.3 | *104.9 | *104.9 | *105.1 | *104.4 | *104.9 | *104.3 | *103.7 | *103.7 | *103.6 | *103.3 | *103.0 | *102.1 | *102.9 | 103.3 |
| Nondurable | *103.5 | *105.4 | *105.3 | *105.5 | *105.4 | *105.2 | *105.7 | *105.2 | *105.2 | *105.8 | *106.4 | *106.3 | *106.4 | *106.4 | *106.4 | 106.8 |
| Foods | *105.3 | *106.0 | *106.4 | *106.0 | *106.1 | *105.4 | *105.9 | *106.3 | *106.6 | *106.8 | *106.4 | *106.2 | *105.9 | *106.4 | *106.1 | 106.2 |
| Tobacco products | *96.7 | *99.6 | *97.4 | *97.3 | *97.9 | *96.4 | *101.5 | *115.5 | *101.7 | *102.4 | *101.9 | *96.1 | *100.5 | *99.5 | *97.5 | 98.6 |
| Textile mill products | *96.9 | *104.7 | *104.3 | *105.0 | *105.0 | *103.8 | *107.0 | *103.5 | *105.1 | *103.5 | *106.0 | *106.0 | *106.9 | *106.6 | *105.7 | 107.0 |
| Apparel products | *91.8 | *92.6 | *93.6 | *93.4 | *93.5 | *91.7 | *92.7 | *91.3 | *91.5 | *91.7 | *92.9 | *92.9 | *93.1 | *92.9 | *92.5 | 92.1 |
| Paper and products | *106.2 | *108.2 | *108.7 | *109.2 | *108.2 | *108.7 | *109.1 | *107.1 | *109.5 | *107.3 | *108.2 | *108.3 | *108.6 | *110.4 | *110.1 | 111.1 |
| Printing and publishing | *96.8 | *95.0 | *95.1 | *95.8 | *94.5 | *95.6 | *95.7 | *93.5 | *94.1 | *94.5 | *94.2 | *94.7 | *94.3 | *94.4 | *94.8 | 94.8 |
| Chemicals and products | *111.3 | *115.0 | *114.2 | *114.6 | *114.8 | *114.9 | *114.6 | *114.4 | *115.2 | *116.2 | *117.7 | *116.7 | *116.8 | *115.8 | *116.9 | 117.4 |
| Petroleum products | *101.6 | *102.0 | *102.0 | *103.7 | *102.5 | *101.8 | *101.5 | *98.0 | *101.1 | *105.3 | *103.9 | *103.4 | *103.2 | *104.7 | *103.9 | 103.7 |
| Rubber and plastics products | *104.5 | *109.7 | *109.4 | *109.2 | *110.3 | *109.7 | *110.7 | *110.7 | *108.5 | *109.9 | *111.3 | *111.3 | *113.6 | *114.0 | *114.3 | 114.3 |
| Leather and products | *87.9 | *92.5 | *90.0 | *91.1 | *91.8 | *92.3 | *93.6 | *92.0 | *93.8 | *95.1 | *96.6 | *96.7 | *97.1 | *97.3 | *97.8 | 97.7 |
| BUSINESS SALES | | | | | | | | | | | | | | | | |
| [Millions of dollars] | | | | | | | | | | | | | | | | |
| Manufacturing and trade sales (unadj.), total | 6,406,052 | 6,662,014 | 561,245 | 551,825 | 556,479 | 585,012 | 548,161 | 561,204 | 580,869 | 588,615 | 566,569 | | | | | |

SURVEY OF CURRENT BUSINESS

| | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|--|-----------|-----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|---------|------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| 1. GENERAL BUSINESS INDICATORS—Continued | | | | | | | | | | | | | | | | |
| BUSINESS INVENTORIES | | | | | | | | | | | | | | | | |
| <i>(Millions of dollars)</i> | | | | | | | | | | | | | | | | |
| Manufacturing and trade inventories, book value (non-LIFO basis), end of period, (unadjusted), total | *824,585 | 839,876 | 833,338 | 838,611 | 834,311 | 831,350 | 836,712 | 837,772 | 841,419 | 861,855 | 867,063 | 839,876 | 846,751 | *854,011 | 862,303 | |
| Manufacturing and trade inventories, book value (non-LIFO basis), end of period, (seas. adj.), total | *833,213 | 848,805 | *832,031 | 835,471 | 835,106 | 839,721 | 843,101 | 845,350 | 844,388 | 845,341 | 846,585 | 848,805 | 851,018 | *854,563 | 861,132 | |
| Manufacturing, total | 386,043 | 378,926 | 383,239 | 382,206 | 383,286 | 382,854 | 383,491 | 385,596 | 384,390 | 383,708 | 381,266 | 378,926 | 378,452 | *379,080 | 379,981 | |
| Durable goods industries | 246,966 | 235,360 | 243,787 | 242,512 | 242,447 | 241,891 | 241,258 | 242,036 | 240,550 | 239,390 | 237,542 | 235,360 | 234,363 | *235,120 | 235,429 | |
| Nondurable goods industries | 139,077 | 143,566 | 139,452 | 139,694 | 140,839 | 140,963 | 142,233 | 143,560 | 143,840 | 144,318 | 143,724 | 143,566 | 144,089 | *143,960 | 144,552 | |
| Retail trade, total | 243,162 | 260,647 | *247,329 | 251,566 | 250,942 | 252,568 | 254,984 | 254,145 | 254,884 | 255,540 | 256,895 | 260,647 | 262,427 | *265,718 | 269,830 | |
| Durable goods stores | 117,454 | 131,549 | *122,113 | 125,405 | 125,217 | 125,844 | 127,018 | 127,334 | 126,900 | 127,760 | 128,884 | 131,549 | 132,861 | *135,599 | 138,517 | |
| Nondurable goods stores | 125,708 | 129,098 | *125,216 | 126,161 | 125,725 | 126,724 | 127,966 | 126,811 | 127,984 | 127,780 | 128,011 | 129,098 | 129,566 | *130,119 | 131,313 | |
| Merchant wholesalers, total | *201,285 | 209,232 | *201,463 | 201,699 | 200,878 | 204,299 | 204,626 | 205,609 | 205,114 | 206,093 | 208,424 | 209,232 | 210,139 | *209,765 | 211,321 | |
| Durable goods establishments | *128,957 | 134,208 | *127,542 | 128,193 | 128,541 | 130,832 | 130,640 | 132,133 | 132,319 | 132,566 | 133,826 | 134,208 | 133,648 | *133,705 | 134,892 | |
| Nondurable goods establishments | *72,328 | 75,024 | *73,921 | 73,506 | 72,337 | 73,467 | 73,986 | 73,476 | 72,795 | 73,527 | 74,598 | 75,024 | 76,491 | *76,060 | 76,429 | |
| <i>(Billions of constant 1987 dollars)</i> | | | | | | | | | | | | | | | | |
| Manufacturing and trade inventories in constant (1987) dollars, end of period (seas. adj.), total § | | | 780.5 | 781.4 | 779.5 | 782.3 | 785.2 | 786.8 | 784.9 | 784.3 | 785.4 | 786.6 | *786.8 | *789.0 | 792.8 | |
| Manufacturing | | | 368.5 | 367.1 | 367.5 | 366.9 | 367.5 | 369.2 | 367.9 | 367.4 | 365.7 | 364.2 | 363.8 | *364.1 | 364.6 | |
| Retail trade | | | 229.2 | 232.0 | 230.8 | 232.1 | 234.3 | 233.9 | 234.5 | 233.4 | 235.3 | 237.5 | *238.0 | *240.9 | 143.5 | |
| Merchant wholesalers | | | 182.8 | 182.4 | 181.2 | 183.3 | 183.4 | 183.7 | 182.4 | 183.5 | 184.5 | 184.8 | 185.0 | *184.1 | 184.7 | |
| BUSINESS INVENTORY-SALES RATIOS | | | | | | | | | | | | | | | | |
| Manufacturing and trade, total | | | 1.51 | 1.51 | 1.51 | 1.50 | 1.50 | 1.52 | 1.50 | 1.49 | 1.49 | 1.46 | 1.46 | 1.46 | 1.47 | |
| Manufacturing, total | | | 1.59 | 1.58 | 1.59 | 1.55 | 1.55 | 1.60 | 1.56 | 1.57 | 1.54 | 1.47 | 1.50 | 1.47 | 1.46 | |
| Durable goods industries | | | 1.97 | 1.96 | 1.98 | 1.92 | 1.93 | 1.96 | 1.92 | 1.91 | 1.85 | 1.76 | 1.80 | 1.75 | 1.73 | |
| Materials and supplies | | | 54 | 54 | 55 | 53 | 54 | 55 | 54 | 53 | 52 | 49 | 50 | 49 | 48 | |
| Work in process | | | 93 | 92 | 93 | 89 | 89 | 91 | 88 | 89 | 86 | 82 | 83 | 81 | 80 | |
| Finished goods | | | 50 | 50 | 51 | 49 | 50 | 51 | 50 | 49 | 48 | 45 | 46 | 45 | 45 | |
| Nondurable goods industries | | | 1.19 | 1.18 | 1.18 | 1.16 | 1.16 | 1.22 | 1.19 | 1.21 | 1.20 | 1.17 | 1.18 | 1.17 | 1.16 | |
| Materials and supplies | | | 44 | 44 | 44 | 43 | 43 | 44 | 44 | 44 | 44 | 43 | 43 | 42 | 42 | |
| Work in process | | | 19 | 19 | 19 | 19 | 18 | 20 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | |
| Finished goods | | | 56 | 55 | 56 | 54 | 54 | 58 | 56 | 57 | 55 | 55 | 55 | 55 | 55 | |
| Retail trade, total | | | 1.55 | 1.57 | 1.56 | 1.57 | 1.57 | 1.56 | 1.55 | 1.52 | 1.54 | 1.54 | 1.55 | 1.57 | 1.61 | |
| Durable goods stores | | | *2.13 | 2.20 | 2.18 | 2.18 | 2.18 | 2.18 | 2.14 | 2.09 | 2.13 | 2.13 | 2.14 | *2.22 | 2.28 | |
| Nondurable goods stores | | | 1.22 | 1.22 | 1.21 | 1.23 | 1.23 | 1.21 | 1.22 | 1.20 | 1.20 | 1.20 | 1.21 | 1.20 | 1.23 | |
| Merchant wholesalers, total | | | *1.33 | 1.34 | 1.35 | 1.35 | 1.33 | 1.35 | 1.34 | 1.34 | 1.35 | 1.35 | 1.32 | 1.32 | 1.33 | |
| Durable goods establishments | | | *1.70 | 1.73 | 1.77 | 1.74 | 1.71 | 1.75 | 1.76 | 1.74 | 1.72 | 1.72 | 1.65 | *1.66 | 1.69 | |
| Nondurable goods establishments | | | .97 | .96 | .95 | .97 | .95 | .96 | .93 | .94 | .98 | .97 | .97 | .97 | .97 | |
| Manufacturing and trade in constant (1987) dollars, total § | | | 1.61 | 1.60 | 1.61 | 1.60 | 1.59 | 1.61 | 1.58 | 1.58 | 1.57 | 1.54 | 1.54 | *1.55 | 1.55 | |
| Manufacturing | | | 1.70 | 1.69 | 1.70 | 1.66 | 1.66 | 1.71 | 1.67 | 1.68 | 1.64 | 1.58 | *1.61 | 1.58 | 1.57 | |
| Retail trade | | | 1.62 | 1.64 | 1.63 | 1.64 | 1.64 | 1.64 | 1.63 | 1.59 | 1.61 | 1.61 | 1.61 | 1.64 | 1.68 | |
| Merchant wholesalers | | | 1.44 | 1.42 | 1.44 | 1.43 | 1.40 | 1.41 | 1.38 | 1.41 | 1.41 | 1.41 | 1.37 | *1.38 | 1.39 | |
| MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS † | | | | | | | | | | | | | | | | |
| <i>(Millions of dollars)</i> | | | | | | | | | | | | | | | | |
| Shipments (not seas. adj.), total | 2,821,699 | 2,930,005 | 250,588 | 240,550 | 243,922 | 264,164 | 226,244 | 242,572 | 262,873 | 256,009 | 248,832 | 249,541 | 226,456 | *252,026 | 269,682 | |
| Durable goods industries, total | 1,422,578 | 1,498,382 | 131,400 | 123,510 | 124,991 | 137,601 | 109,301 | 122,149 | 134,183 | 131,374 | 127,641 | 131,784 | 113,591 | *131,807 | 143,989 | |
| Stone, clay, and glass products | 57,103 | 63,168 | 4,949 | 5,222 | 5,322 | 5,833 | 5,371 | 5,832 | 6,044 | 6,102 | 5,347 | 4,514 | 4,351 | *4,986 | 5,105 | |
| Primary metals | 129,969 | 132,262 | 11,290 | 11,372 | 11,438 | 11,818 | 10,401 | 11,132 | 11,333 | 11,372 | 10,816 | 9,869 | 10,514 | *11,381 | 11,699 | |
| Blast furnaces, steel mills | 54,876 | 56,233 | 4,885 | 4,830 | 4,802 | 4,984 | 4,301 | 4,660 | 4,765 | 4,837 | 4,626 | 4,213 | 4,735 | *5,036 | 5,305 | |
| Fabricated metal products | 156,877 | 160,289 | 13,666 | 13,233 | 13,506 | 14,396 | 12,192 | 13,488 | 14,241 | 14,264 | 13,386 | 13,247 | 12,279 | *13,741 | 14,741 | |
| Industrial machinery and equipment | 242,835 | 252,829 | 23,580 | 20,116 | 20,094 | 25,167 | 18,219 | 19,503 | 23,179 | 20,743 | 20,980 | 24,982 | 19,151 | *22,021 | 27,524 | |
| Electronic and other electrical equipment | 199,544 | 212,193 | 18,158 | 16,508 | 16,887 | 18,640 | 16,162 | 17,158 | 20,006 | 18,638 | 18,704 | 20,037 | 15,593 | *18,362 | 19,961 | |
| Transportation equipment | 363,218 | 390,399 | 34,928 | 33,610 | 34,335 | 35,714 | 24,811 | 30,917 | 33,010 | 35,234 | 34,288 | 34,903 | 30,167 | *36,557 | 38,748 | |
| Motor vehicles and parts | 206,379 | 236,242 | 20,375 | 20,735 | 22,227 | 21,134 | 13,562 | 19,317 | 19,562 | 23,281 | 21,606 | 18,853 | 20,720 | *24,826 | 25,387 | |
| Instruments and related products | 123,945 | 123,352 | 11,002 | 9,263 | 10,036 | 11,300 | 9,236 | 9,786 | 11,276 | 10,169 | 10,341 | 11,324 | 9,045 | *9,900 | 10,889 | |
| Nondurable goods industries, total | 1,399,121 | 1,431,623 | 119,188 | 117,040 | 118,931 | 126,563 | 116,943 | 120,423 | 128,690 | 124,635 | 121,191 | 117,757 | 112,865 | *120,219 | 125,693 | |
| Food and kindred products | 387,050 | 394,275 | 33,158 | 32,300 | 33,587 | 33,670 | 31,393 | 32,745 | 35,532 | 34,367 | 33,635 | 32,812 | 30,961 | *32,848 | 34,632 | |
| Tobacco products | 32,273 | 33,263 | 3,241 | 1,849 | 2,484 | 4,304 | 2,351 | 1,994 | 4,053 | 2,251 | 3,137 | 3,852 | 1,979 | *2,097 | 3,563 | |
| Textile mill products | 67,756 | 72,572 | 6,264 | 5,917 | 6,002 | 6,760 | 5,374 | 6,447 | 6,792 | 6,422 | 6,137 | 5,567 | 5,443 | *5,956 | 6,120 | |
| Paper and allied products | 124,367 | 125,563 | 10,615 | 10,280 | 10,227 | 10,960 | 10,438 | 10,711 | 10,758 | 10,538 | 10,295 | 10,281 | 10,086 | *10,293 | 10,478 | |
| Chemicals and allied products | 289,039 | 297,122 | 25,282 | 25,426 | 25,185 | 26,486 | 24,088 | 24,672 | 26,118 | 24,328 | 23,826 | 24,373 | 24,207 | *25,669 | 27,206 | |
| Petroleum and coal products | 160,391 | 158,056 | 11,690 | 12,831 | 13,546 | 14,523 | 14,283 | 13,926 | 14,190 | 14,256 | 13,648 | 12,867 | 12,048 | *12,270 | 12,561 | |
| Rubber and plastics products | 103,602 | 106,728 | 9,288 | 9,195 | 9,060 | 9,640 | 8,653 | 8,959 | 9,146 | 9,213 | 8,428 | 7,916 | 8,332 | *9,162 | 9,284 | |
| Shipments (seas. adj.), total | | | 240,684 | 241,749 | 241,479 | 247,252 | 247,216 | 241,014 | 245,838 | 244,391 | 248,160 | 257,027 | 253,021 | *257,266 | 260,066 | |
| By industry group: | | | | | | | | | | | | | | | | |
| Durable goods industries, total # | | | 123,503 | 123,483 | 122,344 | 125,831 | 124,789 | 123,364 | 125,346 | 125,162 | 128,105 | 134,010 | 130,465 | *134,104 | 135,787 | |
| Stone, clay, and glass products | | | 4,952 | 5,094 | 5,184 | 5,320 | 5,518 | 5,428 | 5,556 | 5,530 | 5,346 | 5,120 | *5,432 | 5,230 | | |
| Primary metals | | | 10,948 | 11,112 | 11,223 | 11,291 | 11,166 | 10,921 | 10,878 | 10,749 | 10,952 | 11,018 | 11,115 | *11,418 | 11,424 | |
| Blast furnaces, steel mills | | | 4,689 | 4,713 | 4,665 | 4,731 | 4,640 | 4,628 | 4,656 | 4,597 | 4,682 | 4,713 | 4,860 | *5,061 | 5,111 | |
| Fabricated metal products | | | 12,957 | 13,136 | 13,044 | 13,411 | 13,395 | 13,400 | 13,455 | 13,326 | 13,599 | 14,118 | 13,867 | *13,933 | 14,166 | |
| Industrial machinery and equipment | | | 20,871 | 20,616 | 20,622 | 21,622 | 21,050 | 20,924 | 21,060 | 20,730 | 21,790 | 22,658 | 22,855 | *23,036 | 24,163 | |
| Electronic and other electrical equipment | | | 17,249 | 17,184 | 17,157 | 17,293 | 18,143 | 17,293 | 18,199 | 18,536 | 18,194 | 19,306 | 17,689 | *18,660 | 18,951 | |
| Transportation equipment | | | 32,617 | 32,488 | 31,880 | 32,835 | 31,574 | 31,673 | 31,579 | 32,459 | 34,028 | 36,493 | 35,303 | *36,218 | 36,588 | |
| Motor vehicles and parts | | | 19,128 | | | | | | | | | | | | | |

SURVEY OF CURRENT BUSINESS

| | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|--|-----------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|---------|-------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| 1. GENERAL BUSINESS INDICATORS—Continued | | | | | | | | | | | | | | | | |
| MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS—Continued † | | | | | | | | | | | | | | | | |
| <i>(Millions of dollars)</i> | | | | | | | | | | | | | | | | |
| Shipments (seas. adj.)—Continued | | | | | | | | | | | | | | | | |
| By market category: | | | | | | | | | | | | | | | | |
| Home goods and apparel | 181,320 | 201,485 | 16,275 | 16,314 | 16,497 | 16,492 | 17,112 | 16,799 | 17,075 | 17,215 | 17,449 | 18,386 | 18,623 | *18,448 | 18,552 | ..... |
| Consumer staples | 648,872 | 659,489 | 53,811 | 54,288 | 54,600 | 56,216 | 56,533 | 54,006 | 56,374 | 54,846 | 55,627 | 57,000 | 56,321 | *56,172 | 57,363 | ..... |
| Machinery and equipment | 457,838 | 481,633 | 39,934 | 39,299 | 38,751 | 40,895 | 39,905 | 39,548 | 40,448 | 40,339 | 41,613 | 44,045 | 42,695 | *42,935 | 44,424 | ..... |
| Automotive equipment | 103,971 | 118,295 | 9,526 | 9,723 | 9,808 | 9,717 | 9,569 | 9,900 | 9,635 | 10,547 | 11,734 | 11,602 | *12,013 | 11,902 | ..... |  |
| Construction materials and supplies | 169,189 | 184,106 | 15,073 | 15,226 | 15,249 | 15,412 | 15,434 | 15,311 | 15,736 | 15,470 | 15,696 | 16,135 | 15,827 | *16,668 | 16,475 | ..... |
| Other materials, supplies, and intermediate products | 928,029 | 955,285 | 78,842 | 79,566 | 79,415 | 80,983 | 80,736 | 78,972 | 79,258 | 79,506 | 80,537 | 82,206 | 81,106 | *83,525 | 83,696 | ..... |
| Supplementary series: | | | | | | | | | | | | | | | | |
| Household durables | 80,036 | 86,082 | 7,030 | 7,094 | 7,018 | 6,960 | 7,353 | 7,194 | 7,248 | 7,347 | 7,513 | 7,620 | 7,577 | *7,574 | 7,531 | ..... |
| Capital goods industries | 467,572 | 477,945 | 40,244 | 39,282 | 38,443 | 40,887 | 39,923 | 38,916 | 40,362 | 39,366 | 40,391 | 42,046 | 40,372 | *40,857 | 42,418 | ..... |
| Nondefense | 365,708 | 381,105 | 31,950 | 30,896 | 30,603 | 32,830 | 31,847 | 31,173 | 32,033 | 31,754 | 32,733 | 34,188 | 32,700 | *32,997 | 34,585 | ..... |
| Defense | 101,864 | 96,840 | 8,294 | 8,386 | 7,840 | 8,057 | 8,076 | 7,743 | 8,329 | 7,612 | 7,658 | 7,858 | 7,672 | *7,860 | 7,833 | ..... |
| Inventories, end of year or month: | | | | | | | | | | | | | | | | |
| Book value (non-LIFO basis), (unadjusted), total | 379,926 | 372,815 | 383,614 | 384,499 | 385,623 | 381,008 | 383,467 | 386,989 | 383,105 | 384,281 | 381,121 | 372,815 | 378,030 | *381,601 | 380,322 | ..... |
| Durable goods industries, total | 241,915 | 230,530 | 244,207 | 244,122 | 244,562 | 241,110 | 241,616 | 243,425 | 239,697 | 239,448 | 237,538 | 230,530 | 233,005 | *236,736 | 235,812 | ..... |
| Non-durable goods industries, total | 138,011 | 142,285 | 139,407 | 140,377 | 141,061 | 139,898 | 141,851 | 143,564 | 143,408 | 144,833 | 143,583 | 142,285 | 145,025 | *144,865 | 144,510 | ..... |
| Book value (non-LIFO basis), (seasonally adjusted), total | 386,043 | 378,926 | 383,239 | 382,206 | 383,286 | 382,854 | 383,491 | 385,596 | 384,390 | 383,708 | 381,266 | 378,926 | 378,452 | *379,080 | 379,981 | ..... |
| By industry group: | | | | | | | | | | | | | | | | |
| Durable goods industries, total # | 246,966 | 235,360 | 243,787 | 242,512 | 242,447 | 241,891 | 241,258 | 242,036 | 240,550 | 239,390 | 237,542 | 235,360 | 234,363 | *235,120 | 235,429 | ..... |
| Stone, clay, and glass products | 8,006 | 7,846 | 7,919 | 7,903 | 7,924 | 7,955 | 7,941 | 8,023 | 7,981 | 7,916 | 7,926 | 7,846 | 7,853 | *7,838 | 7,868 | ..... |
| Primary metals | 20,187 | 19,332 | 19,896 | 19,864 | 19,835 | 19,835 | 19,833 | 19,974 | 19,885 | 19,663 | 19,450 | 19,332 | 19,323 | *19,361 | 19,369 | ..... |
| Blast furnaces, steel mills | 9,995 | 9,557 | 9,858 | 9,737 | 9,748 | 9,816 | 9,828 | 9,823 | 9,697 | 9,668 | 9,594 | 9,557 | 9,607 | *9,616 | 9,423 | ..... |
| Fabricated metal products | 22,693 | 22,615 | 22,717 | 22,750 | 22,982 | 22,973 | 23,258 | 23,310 | 23,172 | 22,938 | 22,811 | 22,615 | 22,385 | *22,385 | 22,494 | ..... |
| Industrial machinery and equipment | 46,406 | 44,328 | 45,324 | 45,122 | 45,057 | 44,845 | 44,906 | 45,161 | 45,089 | 45,056 | 45,153 | 44,328 | 44,102 | *44,157 | *39,955 | ..... |
| Electronic and other electrical equipment | 30,852 | 30,676 | 30,977 | 30,919 | 30,871 | 31,009 | 31,097 | 31,021 | 30,699 | 30,688 | 30,676 | 31,041 | 31,146 | *31,146 | 31,323 | ..... |
| Transportation equipment | 74,469 | 67,170 | 73,028 | 71,892 | 71,531 | 70,889 | 70,146 | 70,330 | 69,431 | 69,476 | 68,171 | 67,170 | 66,481 | *66,625 | 66,368 | ..... |
| Motor vehicles and parts | 12,806 | 11,503 | 12,387 | 12,336 | 12,284 | 12,284 | 12,230 | 12,483 | 12,627 | 12,397 | 12,092 | 11,503 | 11,339 | *11,397 | 11,573 | ..... |
| Instruments and related products | 24,636 | 23,389 | 23,999 | 23,890 | 23,874 | 23,918 | 23,920 | 23,867 | 23,814 | 23,478 | 23,275 | 23,389 | 23,154 | *23,252 | 23,171 | ..... |
| By stage of fabrication: | | | | | | | | | | | | | | | | |
| Materials and supplies | 67,645 | 65,897 | 66,542 | 66,535 | 66,735 | 67,304 | 66,800 | 67,304 | 67,296 | 66,327 | 66,120 | 65,897 | 65,488 | *65,486 | 65,672 | ..... |
| Work in process | 117,575 | 109,233 | 115,330 | 114,004 | 113,727 | 112,540 | 111,644 | 111,741 | 110,652 | 111,129 | 109,830 | 109,233 | 108,704 | *108,789 | 108,418 | ..... |
| Finished goods | 61,746 | 60,230 | 61,915 | 61,973 | 61,985 | 62,047 | 62,814 | 62,991 | 62,602 | 61,934 | 61,592 | 60,230 | 60,171 | *60,845 | 61,339 | ..... |
| Non-durable goods industries, total # | 139,077 | 143,566 | 139,452 | 139,694 | 140,839 | 140,963 | 142,233 | 143,560 | 143,840 | 144,318 | 143,724 | 143,566 | 144,089 | *143,960 | 144,552 | ..... |
| Food and kindred products | 30,038 | 30,453 | 30,260 | 29,849 | 30,309 | 30,531 | 30,558 | 30,713 | 30,595 | 30,836 | 30,538 | 30,563 | 30,721 | *30,668 | 30,753 | ..... |
| Tobacco products | 6,408 | 6,782 | 6,499 | 6,630 | 6,843 | 6,460 | 6,751 | 6,913 | 6,701 | 6,815 | 6,800 | 6,782 | 6,679 | *6,707 | 6,809 | ..... |
| Textile mill products | 8,623 | 9,141 | 8,750 | 8,763 | 8,849 | 8,942 | 9,032 | 9,093 | 9,113 | 9,132 | 9,155 | 9,141 | 9,170 | *9,162 | 9,197 | ..... |
| Paper and allied products | 13,532 | 13,394 | 13,634 | 13,738 | 13,759 | 13,554 | 13,631 | 13,744 | 13,768 | 13,850 | 13,804 | 13,394 | 13,429 | *13,473 | 13,558 | ..... |
| Chemicals and allied products | 34,082 | 35,354 | 33,924 | 33,997 | 34,033 | 33,893 | 34,221 | 34,733 | 34,980 | 35,188 | 35,247 | 35,354 | 35,401 | *35,213 | 35,188 | ..... |
| Petroleum and coal products | 11,286 | 11,246 | 11,118 | 11,206 | 11,473 | 11,823 | 12,071 | 11,985 | 11,859 | 11,584 | 11,296 | 11,246 | 11,330 | *11,421 | 11,514 | ..... |
| Rubber and plastics products | 11,120 | 11,611 | 10,891 | 10,910 | 10,957 | 11,077 | 11,112 | 11,195 | 11,317 | 11,388 | 11,465 | 11,611 | 11,611 | *11,559 | 11,594 | ..... |
| By stage of fabrication: | | | | | | | | | | | | | | | | |
| Materials and supplies | 51,890 | 52,498 | 51,750 | 51,880 | 52,060 | 52,528 | 52,962 | 52,782 | 52,914 | 52,838 | 52,415 | 52,498 | 52,505 | *52,311 | 52,639 | ..... |
| Work in process | 22,002 | 23,102 | 22,374 | 22,578 | 22,611 | 22,645 | 22,643 | 22,957 | 23,075 | 22,963 | 22,924 | 23,102 | 23,106 | *23,341 | 23,433 | ..... |
| Finished goods | 65,185 | 67,966 | 65,328 | 65,236 | 66,168 | 65,790 | 66,628 | 67,821 | 67,851 | 68,517 | 68,385 | 67,966 | 68,478 | *68,308 | 68,480 | ..... |
| By market category: | | | | | | | | | | | | | | | | |
| Home goods and apparel | 27,067 | 29,493 | 27,933 | 28,168 | 28,510 | 28,874 | 29,014 | 29,143 | 29,176 | 29,206 | 29,203 | 29,493 | 29,603 | *29,830 | 30,353 | ..... |
| Consumer staples | 57,711 | 59,326 | 57,918 | 57,963 | 58,697 | 58,329 | 59,073 | 59,612 | 59,418 | 59,858 | 59,337 | 59,326 | 59,507 | *59,551 | 59,877 | ..... |
| Machinery and equipment | 89,997 | 86,532 | 88,071 | 87,593 | 87,404 | 87,332 | 87,218 | 88,196 | 88,201 | 87,939 | 87,960 | 86,532 | 86,416 | *87,166 | 87,195 | ..... |
| Automotive equipment | 6,624 | 6,188 | 6,499 | 6,403 | 6,347 | 6,340 | 6,318 | 6,431 | 6,478 | 6,442 | 6,403 | 6,188 | 6,136 | *6,215 | 6,371 | ..... |
| Construction materials and supplies | 22,392 | 22,660 | 22,613 | 22,730 | 22,919 | 23,060 | 23,062 | 22,998 | 22,913 | 22,786 | 22,740 | 22,660 | 22,680 | *22,865 | 23,283 | ..... |
| Other materials, supplies, and intermediate products | 126,107 | 124,033 | 125,105 | 124,832 | 125,298 | 125,430 | 125,705 | 126,331 | 126,265 | 125,675 | 125,016 | 124,033 | 123,702 | *123,522 | 123,643 | ..... |
| Supplementary series: | | | | | | | | | | | | | | | | |
| Household durables | 12,714 | 12,701 | 12,848 | 12,857 | 12,946 | 13,046 | 13,046 | 13,061 | 12,946 | 12,933 | 12,804 | 12,701 | 12,696 | *12,717 | 13,018 | ..... |
| Capital goods industries | 121,587 | 112,245 | 119,029 | 117,709 | 117,415 | 116,476 | 115,812 | 115,996 | 114,534 | 114,406 | 113,998 | 112,245 | 111,714 | *111,932 | 111,118 | ..... |
| Nondefense | 85,357 | 81,320 | 83,535 | 83,020 | 82,701 | 82,312 | 82,130 | 83,091 | 82,936 | 82,774 | 82,711 | 81,320 | 81,226 | *81,773 | 81,561 | ..... |
| Defense | 36,230 | 30,925 | 35,494 | 34,689 | 34,714 | 34,164 | 33,682 | 32,905 | 31,598 | 31,632 | 30,687 | 30,925 | 30,488 | *30,159 | 29,557 | ..... |
| New orders, net (unadj.), total | | | | | | | | | | | | | | | | |
| Durable goods industries, total | 1,404,750 | 1,466,237 | 129,515 | 122,551 | 121,808 | 132,795 | 105,043 | 116,081 | 128,327 | 130,449 | 122,785 | 133,421 | 118,154 | *134,084 | 138,528 | ..... |
| Non-durable goods industries, total | 1,400,543 | 1,431,295 | 120,037 | 117,092 | 118,633 | 126,379 | 117,345 | 120,425 | 128,283 | 124,270 | 120,719 | 117,612 | 113,348 | *120,631 | 125,876 | ..... |
| New orders, net (seas. adj.), total | | | | | | | | | | | | | | | | |
| Durable goods industries, total | 1,404,750 | 1,464,132 | 120,187 | 122,393 | 119,808 | 123,164 | 119,861 | 119,376 | 119,801 | 125,302 | 123,271 | 135,208 | 132,123 | *135,209 | 130,562 | ..... |
| Primary metals | 127,631 | 130,824 | 10,632 | 11,061 | 11,117 | 11,505 | 11,288 | 11,147 | 9,885 | 10,394 | 10,724 | 11,730 | 12,509 | *12,307 | 12,217 | ..... |
| Blast furnaces, steel mills | 53,713 | 55,652 | 4,636 | 4,706 | 4,648 | 4,852 | 4,635 | 4,594 | 4,317 | 4,453 | 4,638 | 5,366 | 5,906 | *5,909 | 5,991 | ..... |
| Nonferrous and other primary metals | 63,264 | 63,380 | 5,014 | 5,410 | 5,382 | 5,631 | 5,740 | 5,571 | 4,667 | 4,918 | 5,023 | 5,285 | 5,509 | *5,342 | 5,290 | ..... |
| Fabricated metal products | 155,748 | 158,989 | 12,732 | 12,594 | 12,645 | 13,210 | 12,906 | 13,142 | 13,860 | 13,723 | 13,577 | 14,291 | 13,929 | *13,902 | 13,661 | ..... |
| Industrial machinery and equipment | 238,988 | 249,533 | 20,623 | 20,141 | 20,078 | 21,239 | 20,678 | 20,547 | 21,222 | 20,657 | 21,545 | 22,383 | 23,112 | *23,521 | 23,929 | ..... |
| Electronic and other electrical equipment | 198,231 | 212,473 | 16,738 | 17,170 | 17,081 | 17,477 | 18,157 | 17,343 | 18,488 | 18,919 | 18,215 | 19, | | | | |

SURVEY OF CURRENT BUSINESS

| Unless otherwise stated in footnotes below, data through 1991 and methodological notes are as shown in BUSINESS STATISTICS, 1963-91 | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|---|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|----------|---------|-------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| 1. GENERAL BUSINESS INDICATORS—Continued | | | | | | | | | | | | | | | | |
| MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS—Continued †† | | | | | | | | | | | | | | | | |
| <i>[Millions of dollars]</i> | | | | | | | | | | | | | | | | |
| Unfilled orders, end of period (unadjusted), total | 502,265 | 469,792 | 500,481 | 499,574 | 496,093 | 491,103 | 487,247 | 481,181 | 474,918 | 473,628 | 468,300 | 469,792 | 474,838 | *477,527 | 472,249 | |
| Durable goods industries, total | 479,724 | 447,579 | 476,853 | 475,894 | 472,711 | 467,905 | 463,647 | 457,579 | 451,723 | 450,798 | 445,942 | 447,579 | 452,142 | *454,419 | 448,958 | |
| Nondurable goods industries with unfilled orders ‡ | 22,541 | 22,213 | 23,628 | 23,680 | 23,382 | 23,198 | 23,600 | 23,602 | 23,195 | 22,830 | 22,358 | 22,213 | 22,696 | *23,108 | 23,291 | |
| Unfilled orders, end of period (seasonally adjusted) total | 505,631 | 472,751 | 497,263 | 496,285 | 493,502 | 490,792 | 485,883 | 481,749 | 475,862 | 476,248 | 471,514 | 472,751 | 474,748 | *475,859 | 470,326 | |
| By industry group: | | | | | | | | | | | | | | | | |
| Durable goods industries, total # | 482,208 | 449,714 | 473,964 | 472,874 | 470,338 | 467,671 | 462,743 | 458,755 | 453,210 | 453,350 | 448,516 | 449,714 | 451,372 | *452,477 | 447,252 | |
| Primary metals | 21,784 | 20,427 | 20,886 | 20,835 | 20,729 | 20,943 | 21,065 | 21,291 | 20,298 | 19,943 | 19,715 | 20,427 | 21,821 | *22,710 | 23,503 | |
| Blast furnaces, steel mills | 8,738 | 8,214 | 8,030 | 8,023 | 8,006 | 8,127 | 8,122 | 8,088 | 7,749 | 7,605 | 7,561 | 8,214 | 9,260 | *10,108 | 10,988 | |
| Nonferrous and other primary metals | 10,072 | 9,362 | 10,056 | 10,047 | 9,873 | 9,958 | 10,125 | 10,383 | 9,805 | 9,571 | 9,358 | 9,362 | 9,661 | *9,704 | 9,739 | |
| Fabricated metal products | 24,469 | 23,497 | 24,433 | 23,891 | 23,492 | 23,291 | 22,802 | 22,544 | 22,949 | 23,346 | 23,324 | 23,497 | 23,559 | *23,528 | 23,023 | |
| Industrial machinery and equipment | 53,398 | 50,739 | 53,321 | 52,846 | 52,302 | 51,919 | 51,547 | 51,170 | 51,332 | 51,259 | 51,014 | 50,739 | 50,996 | *51,481 | 51,247 | |
| Electrical and other electrical equipment | 42,307 | 42,884 | 41,849 | 41,835 | 41,759 | 41,943 | 41,957 | 42,007 | 42,296 | 42,679 | 42,700 | 42,884 | 44,074 | *43,458 | 42,460 | |
| Transportation equipment | 269,367 | 244,034 | 263,201 | 263,697 | 262,627 | 261,183 | 257,219 | 253,945 | 249,180 | 249,219 | 244,286 | 244,034 | 241,954 | *242,163 | 238,303 | |
| Aircraft, missiles, and parts | 234,666 | 213,511 | 229,522 | 229,303 | 228,277 | 227,160 | 224,107 | 221,668 | 218,154 | 218,474 | 214,142 | 213,511 | 210,358 | *210,719 | 207,237 | |
| Nondurable goods industries with unfilled orders ‡ | 23,423 | 23,037 | 23,299 | 23,411 | 23,164 | 23,121 | 23,140 | 22,994 | 22,652 | 22,898 | 22,998 | 23,037 | 23,376 | *23,382 | 23,074 | |
| By market category: | | | | | | | | | | | | | | | | |
| Home goods and apparel | 10,076 | 10,249 | 9,274 | 9,437 | 9,286 | 9,608 | 9,689 | 9,790 | 9,653 | 10,111 | 10,259 | 10,249 | 10,586 | *10,701 | 10,623 | |
| Consumer staples | 1,244 | 1,341 | 1,260 | 1,266 | 1,259 | 1,253 | 1,299 | 1,290 | 1,302 | 1,344 | 1,330 | 1,341 | 1,321 | *1,365 | 1,369 | |
| Machinery and equipment | 214,466 | 200,435 | 212,773 | 211,722 | 212,185 | 210,500 | 208,375 | 205,811 | 204,174 | 204,054 | 200,435 | 200,435 | 198,450 | *200,173 | 196,759 | |
| Automotive equipment | 1,689 | 1,616 | 1,676 | 1,727 | 1,741 | 1,725 | 1,700 | 1,674 | 1,660 | 1,626 | 1,641 | 1,616 | 1,653 | *1,664 | 1,638 | |
| Construction materials and supplies | 14,004 | 14,056 | 13,961 | 14,048 | 14,007 | 13,991 | 13,935 | 13,907 | 13,957 | 14,092 | 14,075 | 14,056 | 14,356 | *14,741 | 14,534 | |
| Other materials, supplies, and intermediate products | 123,368 | 118,244 | 121,734 | 121,843 | 120,604 | 119,762 | 119,270 | 118,771 | 117,782 | 117,579 | 117,164 | 118,244 | 120,482 | *120,737 | 119,779 | |
| Supplementary series: | | | | | | | | | | | | | | | | |
| Household durables | 5,691 | 5,552 | 5,139 | 5,314 | 5,201 | 5,193 | 5,228 | 5,195 | 5,213 | 5,501 | 5,622 | 5,552 | 5,608 | *5,627 | 5,422 | |
| Capital goods industries | 377,920 | 346,811 | 372,241 | 370,961 | 368,841 | 366,074 | 361,077 | 356,776 | 352,155 | 351,893 | 346,858 | 346,811 | 345,592 | *345,662 | 341,060 | |
| Nondefense | 235,027 | 219,290 | 233,698 | 232,703 | 232,569 | 230,692 | 228,141 | 225,121 | 223,659 | 223,570 | 219,434 | 219,290 | 216,945 | *218,515 | 214,912 | |
| Defense | 142,893 | 127,521 | 138,543 | 138,258 | 136,272 | 135,382 | 132,936 | 131,655 | 128,496 | 128,323 | 127,424 | 127,521 | 128,647 | *127,147 | 126,148 | |
| BUSINESS INCORPORATIONS @ | | | | | | | | | | | | | | | | |
| <i>[Number]</i> | | | | | | | | | | | | | | | | |
| New incorporations (50 States and DC): | | | | | | | | | | | | | | | | |
| Unadjusted | 628,567 | | 62,282 | 58,111 | 52,664 | 58,260 | 57,056 | 49,913 | 54,749 | 52,987 | 47,612 | | | | | |
| Seasonally adjusted | | | 57,403 | 54,462 | 48,673 | 58,730 | 56,942 | 51,245 | 59,179 | 52,462 | 55,557 | | | | | |
| INDUSTRIAL AND COMMERCIAL FAILURES @ | | | | | | | | | | | | | | | | |
| <i>[For failures, number; for liabilities, millions of dollars]</i> | | | | | | | | | | | | | | | | |
| Failures, total | 88,140 | 96,857 | *9,143 | 8,643 | 7,741 | 8,437 | 8,580 | 7,923 | 7,522 | 7,959 | 7,123 | 6,850 | 7,654 | 7,062 | 8,422 | |
| Commercial service | 22,852 | 26,821 | *2,503 | 2,473 | 2,196 | 2,257 | 2,406 | 2,317 | 2,114 | 2,249 | 1,931 | 1,915 | 2,122 | 2,067 | 2,218 | |
| Construction | 11,963 | 12,380 | *1,186 | 1,110 | 1,057 | 1,157 | 1,091 | 973 | 943 | 1,004 | 858 | 799 | 901 | 870 | 1,064 | |
| Manufacturing and mining | 7,006 | 7,504 | *736 | 626 | 570 | 648 | 629 | 611 | 572 | 564 | 550 | 523 | 588 | 513 | 1,705 | |
| Retail trade | 17,242 | 19,005 | *1,849 | 1,683 | 1,430 | 1,635 | 1,628 | 1,573 | 1,432 | 1,545 | 1,455 | 1,300 | 1,487 | 1,301 | 1,495 | |
| Wholesale trade | 6,170 | 6,728 | *623 | 565 | 491 | 567 | 586 | 551 | 525 | 549 | 481 | 435 | 574 | 492 | 587 | |
| Liabilities (current), total | 96,825.3 | 91,289.4 | *6,322.2 | *1,992.0 | 12,020.2 | 13,932.0 | 3,575.0 | 9,031.7 | 3,215.7 | 7,863.0 | 3,982.9 | 8,136.8 | 6,174.9 | 2,406.7 | 4,343.0 | |
| Commercial service | 13,967.0 | 12,322.5 | *997.5 | 629.6 | 2,551.7 | 1,057.6 | 997.2 | 732.1 | 744.6 | 861.9 | 1,126.3 | 649.7 | 792.5 | 825.4 | 852.4 | |
| Construction | 5,156.2 | 5,042.4 | *380.5 | 2,756.9 | 197.9 | 190.3 | 320.3 | 159.1 | 138.0 | 138.7 | 111.4 | 128.8 | 137.9 | 158.4 | 669.1 | |
| Manufacturing and mining | 8,754.4 | 8,681.3 | *655.1 | 1,938.3 | 520.9 | 180.4 | 325.4 | 1,901.0 | 169.3 | 404.4 | 238.9 | 1,253.7 | 1,304.5 | 175.9 | 701.7 | |
| Retail trade | 6,972.2 | 8,203.8 | *536.5 | 799.6 | 635.9 | 483.3 | 345.8 | 1,394.6 | 346.3 | 3,219.0 | 246.6 | 920.1 | 1,860.5 | 202.5 | 250.2 | |
| Wholesale trade | 4,370.4 | 8,427.1 | *307.1 | 95.2 | 4,499.7 | 125.4 | 231.7 | 1,740.0 | 206.6 | 311.8 | 138.7 | 73.1 | 538.8 | 296.2 | 561.3 | |
| Failure annual rate, number per 10,000 concerns | | | | | | | | | | | | | | | | |
| 2. COMMODITY PRICES | | | | | | | | | | | | | | | | |
| PRICES RECEIVED AND PAID BY FARMERS † | | | | | | | | | | | | | | | | |
| <i>[1910=14=100]</i> | | | | | | | | | | | | | | | | |
| Prices received, all farm products | 665 | 637 | 661 | 644 | 643 | 640 | 630 | 633 | 631 | 633 | 623 | 628 | 634 | 640 | *647 | 661 |
| Crops # | 558 | 525 | 579 | 546 | 533 | 528 | 506 | 505 | 506 | 501 | 499 | 510 | 508 | 509 | 502 | 530 |
| Commercial vegetables | 675 | *762 | 1,024 | *747 | 613 | 600 | 681 | 773 | 778 | 826 | 702 | 835 | 823 | 882 | *767 | 1,015 |
| Cotton | 553 | *446 | 425 | *448 | 441 | 480 | 467 | 454 | 445 | 445 | 423 | 435 | 445 | 447 | *469 | 459 |
| Feed grains and hay | 371 | *364 | 390 | *389 | 393 | 390 | 369 | 348 | 343 | 330 | 329 | 328 | 337 | 335 | *347 | 358 |
| Food grains | 316 | 382 | 417 | 408 | 407 | 382 | 354 | 339 | 358 | 358 | 366 | 368 | 374 | 368 | *363 | 358 |
| Fruit | 969 | *680 | 825 | *763 | 753 | 718 | 566 | 599 | 589 | 581 | 628 | 599 | 540 | 503 | *438 | 493 |
| Tobacco | 1,559 | 1,517 | 1,648 | 1,409 | 1,409 | 1,409 | 1,348 | 1,439 | 1,587 | 1,582 | 1,591 | 1,587 | 1,565 | 1,622 | *1,622 | 1,457 |
| Livestock and products # | 776 | 755 | 745 | *748 | 758 | 757 | 780 | 768 | 762 | 772 | 752 | 751 | 766 | 778 | *799 | 798 |
| Dairy products | 749 | 801 | 764 | 764 | 789 | 807 | 820 | 826 | 826 | 820 | 801 | 783 | 764 | 752 | *746 | 759 |
| Meat animals | 1,047 | *994 | 998 | *1,003 | 1,011 | 1,000 | 996 | 1,007 | 994 | 1,016 | 973 | 984 | 1,022 | 1,053 | *1,083 | 1,075 |
| Poultry and eggs | 283 | 266 | 254 | 253 | 257 | 259 | 267 | 272 | 273 | 273 | 290 | 282 | 279 | 275 | 297 | 298 |
| Prices paid: | | | | | | | | | | | | | | | | |
| Production items | 1,004 | 1,006 | | 1,006 | | | | 1,012 | | 1,011 | | | 1,019 | | | 1,038 |
| All commodities and services, interest, taxes, and wage rates (parity index) | 1,298 | 1,317 | | 1,317 | | | | 1,324 | | 1,323 | | | *1,337 | | | 1,355 |
| Parity ratio \$ | 51 | 48 | 50 | 49 | 49 | 49 | 48 | 48 | 48 | 48 | 47 | 47 | 47 | | | 49 |
| CONSUMER PRICES | | | | | | | | | | | | | | | | |
| <i>[1982=84=100]</i> | | | | | | | | | | | | | | | | |
| Not seasonally adjusted: | | | | | | | | | | | | | | | | |
| All items, wage earners and clerical workers (CPI-W) | 134.3 | 138.2 | 137.0 | 137.3 | 137.6 | 138.1 | 138.4 | 138.8 | 139.1 | 139.6 | 139.8 | 139.8 | 140.3 | 140.7 | 141.1 | 141.6 |
| All items, all urban consumers (CPI-U) | 136.2 | 140.3 | 139.3 | 139.5 | 139.7 | 140.2 | 140.5 | 140.9 | 141.3 | 141.8 | 142.0 | 141.9 | 142.6 | 143.1 | 143.6 | 144.0 |
| Special group indexes: | | | | | | | | | | | | | | | | |
| All items less shelter | 133.5 | 137.3 | 136.2 | 136.6 | 136.9 | 137.2 | 137.3 | 137.7 | 138.4 | 138.9 | 139.2 | 139.1 | 139.5 | 140.0 | 140.5 | 140.9 |
| All items less food | 136.1 | 140.8 | 139.5 | 139.7 | 140.1 | 140.7 | 141.1 | 141.4 | 141.8 | 142.4 | 142.7 | 142.5 | 143.1 | 143.7 | 144.2 | 144.6 |
| All items less medical care | 133.8 | 137.5 | 136.5 | 136.7 | 136.9 | 137.4 | 137.6 | 138.0 | 138.4 | 138.8 | 139.0 | 138.9 | 139.5 | | | |

| Unless otherwise stated in footnotes below, data through 1991 and methodological notes are as shown in BUSINESS STATISTICS, 1963-91 | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|---|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| | 2. COMMODITY PRICES—Continued | | | | | | | | | | | | | | | |
| CONSUMER PRICES—Continued | | | | | | | | | | | | | | | | |
| <i>(1982=100, unless otherwise indicated)</i> | | | | | | | | | | | | | | | | |
| Not seasonally adjusted—Continued | | | | | | | | | | | | | | | | |
| <i>All items (CPI-U)—Continued</i> | | | | | | | | | | | | | | | | |
| Commodities | 126.6 | 129.1 | 128.4 | 128.8 | 129.1 | 129.2 | 129.0 | 129.3 | 129.9 | 130.3 | 130.5 | 130.1 | 130.4 | 130.9 | 131.4 | 131.9 |
| Nondurables | 130.3 | 132.8 | 132.1 | 132.4 | 132.8 | 132.8 | 132.5 | 133.0 | 133.8 | 134.2 | 134.2 | 133.6 | 133.9 | 134.7 | 135.3 | 135.8 |
| Nondurables less food | 124.5 | 127.6 | 126.2 | 126.8 | 128.0 | 128.1 | 127.8 | 127.9 | 129.1 | 129.8 | 129.8 | 128.5 | 128.1 | 129.4 | 130.3 | 130.9 |
| Durables | 116.0 | 118.6 | 117.9 | 118.2 | 118.4 | 118.5 | 118.6 | 118.5 | 118.5 | 119.2 | 120.0 | 120.1 | 120.0 | 120.0 | 120.2 | 120.6 |
| Durables less food | 121.3 | 124.2 | 123.0 | 123.5 | 124.4 | 124.5 | 124.3 | 124.3 | 125.1 | 125.7 | 126.1 | 125.3 | 125.1 | 125.8 | 126.4 | 127.0 |
| Services | 146.3 | 152.0 | 150.7 | 150.8 | 150.9 | 151.7 | 152.5 | 153.0 | 153.2 | 153.7 | 154.0 | 154.2 | 155.2 | 155.8 | 156.2 | 156.5 |
| Food # | 136.3 | 137.9 | 138.1 | 138.1 | 137.4 | 137.4 | 137.2 | 138.0 | 138.5 | 138.3 | 138.3 | 138.7 | 139.8 | 139.9 | 140.1 | 140.6 |
| Food at home | 135.8 | 136.8 | 137.5 | 137.4 | 136.2 | 136.1 | 135.7 | 136.9 | 137.4 | 137.2 | 137.0 | 137.5 | 139.1 | 139.1 | 139.4 | 140.0 |
| Housing | 133.6 | 137.5 | 136.6 | 136.5 | 136.7 | 137.7 | 138.3 | 138.6 | 138.4 | 138.5 | 138.5 | 138.5 | 139.3 | 139.7 | 140.2 | 140.4 |
| Shelter # | 146.3 | 151.2 | 150.4 | 150.2 | 150.2 | 151.1 | 151.8 | 152.3 | 151.9 | 152.5 | 152.4 | 152.5 | 153.7 | 154.4 | 154.8 | 155.0 |
| Rent, residential | 143.3 | 146.9 | 146.4 | 146.2 | 146.3 | 146.6 | 147.0 | 147.0 | 147.2 | 148.0 | 148.6 | 148.6 | 148.9 | 149.1 | 149.1 | 149.7 |
| Homeowners' cost, Dec. 1982=100 | 150.2 | 155.3 | 154.1 | 154.2 | 154.4 | 155.0 | 155.5 | 155.8 | 156.0 | 156.8 | 157.2 | 157.5 | 158.2 | 158.5 | 158.7 | 159.2 |
| Fuel and other utilities # | 115.3 | 117.8 | 115.8 | 115.8 | 116.8 | 119.0 | 119.4 | 119.4 | 119.8 | 118.5 | 118.3 | 118.7 | 119.2 | 118.4 | 119.5 | 119.6 |
| Fuel oil and other household fuel commodities | 94.6 | 90.7 | 90.5 | 89.9 | 89.8 | 90.1 | 90.0 | 89.7 | 89.7 | 91.4 | 92.1 | 91.8 | 92.3 | 92.5 | 92.8 | 92.6 |
| Gas (piped) and electricity | 112.6 | 114.8 | 111.5 | 111.3 | 113.0 | 117.4 | 117.6 | 117.5 | 118.5 | 115.4 | 114.8 | 115.6 | 115.9 | 113.8 | 115.1 | 115.3 |
| Household furnishings and operation | 116.0 | 118.0 | 117.7 | 118.0 | 117.9 | 118.2 | 118.4 | 118.3 | 118.3 | 118.4 | 118.5 | 118.2 | 118.2 | 118.6 | 118.7 | 119.2 |
| Apparel and upkeep | 128.7 | 131.9 | 133.4 | 133.3 | 133.1 | 131.0 | 129.2 | 130.2 | 133.3 | 135.0 | 134.5 | 131.4 | 129.7 | 133.4 | 136.2 | 136.9 |
| Transportation | 123.8 | 126.5 | 124.4 | 125.2 | 126.3 | 126.9 | 127.2 | 126.9 | 126.8 | 128.0 | 129.2 | 129.0 | 129.1 | 129.2 | 129.0 | 129.4 |
| Private | 121.9 | 124.6 | 122.2 | 122.9 | 124.3 | 125.4 | 125.5 | 125.4 | 125.4 | 126.1 | 127.0 | 126.7 | 126.6 | 126.5 | 126.3 | 126.8 |
| New cars | 125.3 | 128.4 | 128.2 | 128.2 | 128.4 | 128.2 | 127.8 | 127.6 | 128.2 | 129.2 | 127.4 | 127.4 | 130.9 | 130.9 | 130.9 | 131.1 |
| Used cars | 118.1 | 123.2 | 115.7 | 117.9 | 120.5 | 123.1 | 124.8 | 126.4 | 127.7 | 129.1 | 129.9 | 129.0 | 127.4 | 126.0 | 126.6 | 128.7 |
| Public | 148.9 | 151.4 | 153.5 | 151.6 | 145.3 | 148.3 | 146.7 | 145.6 | 152.9 | 157.2 | 158.4 | 158.2 | 161.6 | 164.1 | 163.5 | 162.8 |
| Medical care | 177.0 | 190.1 | 187.3 | 188.1 | 188.7 | 189.4 | 190.7 | 191.5 | 192.3 | 193.3 | 194.3 | 194.7 | 196.4 | 198.0 | 198.6 | 199.4 |
| Seasonally adjusted | | | | | | | | | | | | | | | | |
| <i>All items, percent change from previous month or year</i> | | | | | | | | | | | | | | | | |
| Commodities | 4.2 | 3.0 | 4 | 3 | 1 | 2 | 3 | 2 | 1 | 4 | 2 | 1 | 5 | 3 | 1 | 4 |
| Commodities less food | | | | | | | | | | | | | | | | |
| Food | | | | | | | | | | | | | | | | |
| Food at home | | | | | | | | | | | | | | | | |
| Apparel and upkeep | | | | | | | | | | | | | | | | |
| Transportation | | | | | | | | | | | | | | | | |
| Private | | | | | | | | | | | | | | | | |
| New cars | | | | | | | | | | | | | | | | |
| Services | | | | | | | | | | | | | | | | |
| PRODUCER PRICES § | | | | | | | | | | | | | | | | |
| <i>(1982=100 unless otherwise indicated)</i> | | | | | | | | | | | | | | | | |
| Not seasonally adjusted: | | | | | | | | | | | | | | | | |
| All commodities | 116.5 | 117.2 | 116.1 | 116.3 | 117.2 | 118.0 | 117.9 | 117.7 | 118.0 | 118.1 | 117.8 | 117.6 | 118.0 | 118.2 | 118.7 | 119.2 |
| By stage of processing: | | | | | | | | | | | | | | | | |
| Crude materials for further processing | 101.2 | 100.4 | 97.9 | 98.8 | 101.2 | 102.1 | 101.7 | 100.6 | 102.4 | 101.9 | 101.8 | 100.9 | 101.4 | 101.1 | 102.6 | 103.6 |
| Intermediate materials, supplies, and components | 114.4 | 114.7 | 113.6 | 113.8 | 114.5 | 115.4 | 115.5 | 115.5 | 115.8 | 115.4 | 115.0 | 114.8 | 115.3 | 115.5 | 115.9 | 116.2 |
| Finished goods # | 121.7 | 123.2 | 122.2 | 122.4 | 123.2 | 123.9 | 123.7 | 123.6 | 123.3 | 124.4 | 124.0 | 123.8 | 124.0 | 124.3 | 124.6 | 125.3 |
| Finished consumer goods | 120.5 | 121.7 | 120.4 | 120.7 | 121.7 | 122.6 | 122.4 | 122.2 | 122.2 | 122.9 | 122.4 | 122.2 | 122.3 | 122.6 | 123.0 | 123.9 |
| Capital equipment | 126.7 | 129.1 | 128.9 | 129.1 | 129.0 | 128.9 | 128.8 | 128.9 | 128.1 | 130.2 | 130.2 | 130.2 | 130.4 | 130.9 | 130.9 | 130.9 |
| By durability of product: | | | | | | | | | | | | | | | | |
| Durable goods | 122.9 | 124.4 | 124.3 | 124.4 | 124.3 | 124.3 | 124.4 | 124.1 | 124.1 | 125.0 | 124.8 | 125.1 | 125.5 | 126.1 | 126.3 | 126.6 |
| Nondurable goods | 111.7 | 111.9 | 110.6 | 110.6 | 112.0 | 113.3 | 113.1 | 112.7 | 113.5 | 113.1 | 112.6 | 112.2 | 112.5 | 112.5 | 113.1 | 113.8 |
| Total manufactures | 119.0 | 120.1 | 119.2 | 119.7 | 120.3 | 120.6 | 120.5 | 120.4 | 120.4 | 120.9 | 120.8 | 120.5 | 120.9 | 121.4 | 121.8 | 122.3 |
| Durable manufactures | 122.7 | 124.3 | 124.1 | 124.2 | 124.2 | 124.2 | 124.2 | 124.3 | 124.0 | 125.0 | 124.9 | 125.1 | 125.4 | 126.0 | 126.3 | 126.6 |
| Nondurable manufactures | 115.2 | 115.8 | 114.3 | 115.1 | 116.3 | 117.0 | 116.7 | 116.4 | 116.8 | 116.8 | 116.6 | 116.0 | 116.4 | 116.9 | 117.3 | 118.1 |
| Farm products, processed foods and feeds | 116.4 | 115.9 | 116.7 | 115.8 | 117.0 | 116.9 | 115.8 | 115.4 | 115.3 | 115.4 | 115.0 | 116.2 | 116.2 | 116.2 | 117.3 | 118.9 |
| Farm products | 105.7 | 103.6 | 106.4 | 103.2 | 105.8 | 104.7 | 102.5 | 102.2 | 101.6 | 102.7 | 101.8 | 103.7 | 104.3 | 104.4 | 106.3 | 109.4 |
| Foods and feeds, processed | 121.9 | 122.1 | 121.8 | 122.0 | 122.5 | 123.0 | 122.4 | 122.1 | 122.1 | 121.8 | 121.6 | 122.4 | 122.1 | 122.1 | 122.8 | 123.5 |
| Industrial commodities | 116.5 | 117.4 | 115.9 | 116.4 | 117.3 | 118.2 | 118.3 | 118.1 | 118.5 | 118.6 | 118.3 | 117.9 | 118.3 | 118.6 | 118.9 | 119.2 |
| Chemicals and allied products | 125.6 | 125.9 | 124.4 | 124.8 | 125.2 | 126.0 | 126.4 | 126.7 | 127.0 | 127.1 | 127.5 | 127.0 | 127.5 | 128.2 | 127.6 | 128.5 |
| Fuels and related prod., and power | 81.2 | 80.4 | 75.8 | 77.1 | 79.7 | 83.2 | 83.3 | 82.8 | 84.4 | 83.2 | 82.1 | 79.7 | 79.7 | 79.2 | 79.8 | 80.1 |
| Furniture and household durables | 121.2 | 122.2 | 121.9 | 122.0 | 122.1 | 122.2 | 122.2 | 122.2 | 122.4 | 122.3 | 122.6 | 122.6 | 122.5 | 122.9 | 123.0 | 123.2 |
| Hides, skins, and leather products | 138.9 | 140.4 | 139.8 | 139.9 | 140.7 | 140.8 | 140.1 | 140.8 | 140.9 | 141.0 | 140.6 | 142.0 | 143.7 | 142.6 | 143.0 | 143.8 |
| Lumber and wood products | 132.0 | 146.6 | 145.7 | 145.7 | 146.6 | 146.3 | 145.3 | 145.4 | 148.7 | 148.7 | 149.5 | 154.4 | 160.1 | 168.9 | 177.5 | 182.3 |
| Machinery and equipment | 123.0 | 123.3 | 123.6 | 123.4 | 123.4 | 123.2 | 123.1 | 123.2 | 123.2 | 123.3 | 123.4 | 123.5 | 123.7 | 123.9 | 123.9 | 123.9 |
| Metals and metal products | 120.3 | 119.2 | 119.4 | 119.6 | 119.5 | 119.6 | 120.0 | 120.2 | 119.6 | 118.8 | 118.2 | 118.5 | 118.9 | 119.2 | 119.0 | 118.6 |
| Nonmetallic mineral products | 117.2 | 117.3 | 117.3 | 116.9 | 116.9 | 117.0 | 117.1 | 117.4 | 117.4 | 117.4 | 117.7 | 117.8 | 118.2 | 118.6 | 118.7 | 119.4 |
| Pulp, paper, and allied products | 143.0 | 145.2 | 144.4 | 144.9 | 145.2 | 145.1 | 145.2 | 145.4 | 145.8 | 146.1 | 145.9 | 145.9 | 146.4 | 146.7 | 147.3 | 147.4 |
| Rubber and plastics products | 115.2 | 115.1 | 114.3 | 114.6 | 114.9 | 115.0 | 115.2 | 115.3 | 115.5 | 115.7 | 115.8 | 115.7 | 116.7 | 116.4 | 115.6 | 115.8 |
| Textile products and apparel | 116.3 | 117.8 | 117.8 | 117.7 | 117.9 | 117.8 | 117.8 | 118.0 | 118.1 | 118.0 | 118.0 | 118.1 | 118.1 | 118.0 | 118.1 | 118.1 |
| Transportation equipment # | 126.4 | 130.4 | 130.0 | 130.2 | 130.2 | 130.1 | 130.2 | 130.0 | 128.5 | 132.3 | 132.2 | 132.1 | 132.2 | 132.7 | 132.8 | 133.0 |
| Motor vehicles and equipment | 122.1 | 124.9 | 124.9 | 124.8 | 124.7 | 124.3 | 124.4 | 123.9 | 121.3 | 127.1 | 127.1 | 126.9 | 126.9 | 127.5 | 127.6 | 127.6 |
| Seasonally adjusted: | | | | | | | | | | | | | | | | |
| Finished goods, percent change from previous month or year | 2.1 | 1.2 | 2 | 2 | 3 | 2 | 0 | 1 | 2 | -1 | -1 | 1 | 2 | 4 | 4 | 6 |
| By stage of processing: | | | | | | | | | | | | | | | | |
| Crude materials for further processing | | | 97.1 | 98.1 | 100.1 | 101.5 | 101.6 | 100.9 | 103.0 | 102.7 | 102.6 | 101.5 | 101.9 | 101.4 | 101.8 | 103.0 |
| Intermediate materials, supplies, and components | | | 113.9 | 114.1 | 114.5 | 115.3 | 115.3 | 115.3 | 115.5 | 115.2 | 114.9 | 114.9 | 115.3 | 115.9 | 116.3 | 116.5 |
| Finished goods # | | | 122.5 | 122.8 | 123.2 | 123.5 | 123.5 | 123.6 | 123.9 | 124.0 | 123.8 | 123.8 | 124.0 | 124.5 | 125.0 | 125.7 |

SURVEY OF CURRENT BUSINESS

May 1993 • S-7

| Unless otherwise stated in footnotes below, data through 1991 and methodological notes are as shown in BUSINESS STATISTICS, 1963-91 | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|---|---------|----------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|--------|---------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| 3. CONSTRUCTION AND REAL ESTATE | | | | | | | | | | | | | | | | |
| CONSTRUCTION PUT IN PLACE † | | | | | | | | | | | | | | | | |
| <i>(Millions of dollars)</i> | | | | | | | | | | | | | | | | |
| New construction (unadjusted), total | 400,956 | *426,657 | 30,723 | 33,981 | 36,665 | 38,965 | 39,650 | 40,765 | 40,495 | 39,879 | 37,412 | 33,243 | *29,367 | *29,290 | 32,151 | |
| Private, total # | 290,706 | *308,246 | 22,626 | 24,934 | 26,344 | 28,260 | 28,263 | 28,581 | 28,412 | 28,852 | 27,365 | 24,506 | *22,219 | *22,068 | 24,335 | |
| Residential | 157,835 | 183,208 | 12,424 | 14,602 | 15,981 | 17,281 | 17,539 | 18,124 | 17,534 | 17,909 | 16,838 | 14,444 | *13,166 | *12,544 | 14,592 | |
| New housing units | 110,592 | *129,992 | 9,299 | 10,251 | 10,919 | 11,711 | 12,085 | 12,468 | 12,428 | 12,451 | 12,039 | 10,320 | *9,417 | *8,876 | 10,323 | |
| Nonresidential buildings, except farm and public utilities, total # | 97,841 | 85,507 | 7,182 | 7,071 | 7,127 | 7,663 | 7,406 | 7,153 | 7,471 | 7,527 | 7,224 | 6,739 | 5,999 | *6,429 | 6,571 | |
| Industrial | 22,280 | 20,173 | 1,886 | 1,744 | 1,768 | 1,767 | 1,727 | 1,551 | 1,659 | 1,647 | 1,603 | 1,626 | 1,372 | *1,489 | 1,588 | |
| Commercial | 48,480 | 40,417 | 3,301 | 3,268 | 3,286 | 3,710 | 3,518 | 3,432 | 3,634 | 3,617 | 3,454 | 3,066 | 2,788 | *3,015 | 2,908 | |
| Public utilities: | | | | | | | | | | | | | | | | |
| Telecommunications | 8,816 | 9,184 | 781 | 883 | 739 | 775 | 779 | 728 | 798 | 829 | 730 | 839 | *666 | 749 | | |
| Public, total # | 110,249 | *118,409 | 8,097 | 9,047 | 10,321 | 10,705 | 11,387 | 12,184 | 12,083 | 11,027 | 10,047 | 8,737 | *7,148 | *7,222 | 7,816 | |
| Buildings (excl. military) # | 50,475 | *52,928 | 4,167 | 4,375 | 4,709 | 4,588 | 5,006 | 5,050 | 4,809 | 4,513 | 4,122 | 3,820 | *3,470 | *3,524 | 3,768 | |
| Housing and redevelopment | 3,496 | *3,275 | 297 | 290 | 266 | 279 | 292 | 291 | 246 | 252 | 254 | 233 | 217 | *247 | 216 | |
| Industrial | 1,823 | *1,885 | 162 | 145 | 147 | 160 | 134 | 149 | 213 | 157 | 159 | 176 | *147 | *135 | 168 | |
| Military facilities | 1,837 | *2,484 | 212 | 194 | 222 | 209 | 198 | 203 | 264 | 203 | 218 | 207 | *205 | 202 | 198 | |
| Highways and streets | 29,918 | 32,759 | 1,478 | 2,062 | 2,869 | 3,320 | 3,451 | 4,098 | 4,100 | 3,598 | 3,033 | 2,002 | 1,259 | *1,294 | 1,602 | |
| <i>(Billions of dollars)</i> | | | | | | | | | | | | | | | | |
| New construction (seasonally adjusted at annual rates), total | | | 421.5 | 427.6 | 428.0 | 426.7 | 425.7 | 419.6 | 429.3 | 432.3 | 436.1 | 439.9 | *441.3 | *446.4 | 442.7 | |
| Private, total # | | | 301.1 | 309.8 | 307.0 | 312.2 | 305.8 | 302.0 | 308.8 | 315.9 | 317.5 | 320.7 | *327.8 | *331.5 | 327.7 | |
| Residential | | | 172.7 | 182.6 | 182.9 | 184.6 | 181.2 | 184.2 | 186.3 | 192.6 | 194.8 | 198.5 | *204.8 | *205.0 | 204.5 | |
| New housing units | | | 125.9 | 128.8 | 128.1 | 128.7 | 126.9 | 129.1 | 131.4 | 134.9 | 137.3 | 140.2 | *140.6 | *140.7 | 140.6 | |
| Nonresidential buildings, except farm and public utilities, total # | | | 90.6 | 87.4 | 85.6 | 88.8 | 85.7 | 79.5 | 83.3 | 84.3 | 84.7 | 82.6 | *82.4 | *86.1 | 83.3 | |
| Industrial | | | 23.7 | 21.3 | 21.0 | 20.3 | 20.6 | 17.9 | 19.0 | 18.6 | 19.1 | 18.7 | *18.8 | *19.4 | 19.5 | |
| Commercial | | | 42.1 | 40.7 | 39.6 | 43.3 | 40.0 | 37.0 | 39.3 | 40.2 | 40.4 | 38.3 | 39.3 | *41.2 | 38.0 | |
| Public utilities: | | | | | | | | | | | | | | | | |
| Telecommunications | | | 9.5 | 10.7 | 8.9 | 8.9 | 9.1 | 8.3 | 9.0 | 9.2 | 8.1 | 9.5 | *10.4 | 10.0 | | |
| Public, total # | | | 120.4 | 117.8 | 121.0 | 114.5 | 119.9 | 117.6 | 120.5 | 116.4 | 118.7 | 119.2 | *113.6 | *114.9 | 115.0 | |
| Buildings (excl. military) # | | | 55.4 | 53.2 | 56.2 | 51.6 | 54.4 | 51.9 | 52.9 | 53.1 | 50.5 | 49.6 | *48.6 | *48.0 | 49.6 | |
| Housing and redevelopment | | | 3.6 | 3.5 | 3.2 | 3.3 | 3.5 | 3.5 | 2.9 | 3.0 | 2.8 | 2.6 | *3.0 | *3.0 | 2.6 | |
| Industrial | | | 1.9 | 1.7 | 1.8 | 1.9 | 1.6 | 1.8 | 2.6 | 1.9 | 1.9 | 2.1 | *1.8 | *1.6 | 2.0 | |
| Military facilities | | | 2.5 | 2.3 | 2.7 | 2.5 | 2.4 | 2.4 | 3.2 | 2.4 | 2.6 | 2.5 | *2.5 | *2.4 | 2.4 | |
| Highways and streets | | | 30.9 | 31.4 | 32.6 | 31.5 | 32.7 | 33.5 | 34.7 | 32.1 | 34.6 | 31.2 | *29.8 | *31.3 | 32.0 | |
| CONSTRUCTION CONTRACTS | | | | | | | | | | | | | | | | |
| <i>(Millions of dollars, unless otherwise indicated)</i> | | | | | | | | | | | | | | | | |
| Construction contracts (F.W. Dodge Division, McGraw-Hill): | | | | | | | | | | | | | | | | |
| Valuation, total | 221,230 | 238,953 | 22,037 | *23,344 | 19,787 | 23,409 | 21,678 | 20,170 | 20,566 | 23,836 | 16,530 | 16,387 | 16,380 | 16,312 | 21,521 | 22,098 |
| Index (mo. data seas. adj.), 1987=100 §§ | 189 | 97 | 99 | 99 | 91 | 95 | 94 | 93 | 96 | 105 | 98 | 95 | 103 | 97 | 95 | 94 |
| Public ownership | 74,422 | 74,892 | 7,770 | *6,726 | 6,101 | 7,492 | 7,074 | 6,037 | 6,586 | 7,198 | 5,318 | 4,719 | 5,303 | 5,780 | 6,943 | 7,299 |
| Private ownership | 146,806 | 164,059 | 14,266 | *16,618 | 13,686 | 15,917 | 14,603 | 14,133 | 13,979 | 16,638 | 11,212 | 11,668 | 11,076 | 10,532 | 14,579 | 14,798 |
| By type of building: | | | | | | | | | | | | | | | | |
| Nonresidential | 76,898 | 79,331 | 7,091 | *7,788 | 5,893 | 8,042 | 7,073 | 6,662 | 6,764 | 8,336 | 5,622 | 5,262 | 5,146 | 5,056 | 6,486 | 6,479 |
| Residential | 96,353 | 109,590 | 9,801 | *10,378 | 9,481 | 10,729 | 9,874 | 9,167 | 9,597 | 10,925 | 7,740 | 8,092 | 7,992 | 7,413 | 10,080 | 10,815 |
| Non-building construction | 47,978 | 50,033 | 5,145 | *5,178 | 4,413 | 4,638 | 4,731 | 4,341 | 4,205 | 4,575 | 3,168 | 3,033 | 4,142 | 3,842 | 4,956 | 4,803 |
| New construction planning (Engineering News-Record) § | | | | | | | | | | | | | | | | |
| HOUSING STARTS AND PERMITS | | | | | | | | | | | | | | | | |
| <i>(Thousands)</i> | | | | | | | | | | | | | | | | |
| New housing units started: | | | | | | | | | | | | | | | | |
| Unadjusted: | | | | | | | | | | | | | | | | |
| Total (private and public) | 1,013.9 | 1,199.7 | 111.6 | 107.6 | 115.2 | 117.8 | 106.2 | 109.9 | 106.0 | 111.8 | 84.5 | 78.6 | 70.5 | *74.6 | *97.0 | 120.1 |
| Privately owned | 840.4 | 1,029.9 | 90.9 | 93.5 | 100.2 | 102.7 | 93.2 | 91.8 | 91.4 | 96.1 | 74.8 | 67.9 | 62.8 | 65.5 | *86.6 | 106.2 |
| One-family structures | | | | | | | | | | | | | | | | |
| Seasonally adjusted at annual rates: | | | | | | | | | | | | | | | | |
| Total privately owned | | | 1,318 | 1,095 | 1,197 | 1,141 | 1,106 | 1,229 | 1,218 | 1,226 | 1,226 | 1,286 | 1,171 | *1,180 | *1,137 | 1,213 |
| One-family structures | | | 1,050 | 939 | 1,019 | 994 | 961 | 1,038 | 1,045 | 1,079 | 1,089 | 1,133 | 1,051 | *1,036 | *1,000 | 1,063 |
| New private housing units authorized by building permits (17,000 permit-issuing places): | | | | | | | | | | | | | | | | |
| Monthly data are seas. adj. at annual rates: | | | | | | | | | | | | | | | | |
| Total | *946 | *1,099 | *1,082 | *1,040 | *1,053 | *1,048 | *1,083 | *1,081 | *1,120 | *1,141 | *1,136 | *1,196 | *1,157 | *1,141 | *1,034 | 1,094 |
| One-family structures | 754 | 918 | 896 | 858 | 877 | 878 | 882 | 885 | 918 | 954 | 963 | 1,037 | 972 | 957 | 871 | 919 |
| Manufacturers' shipments of mobile homes: | | | | | | | | | | | | | | | | |
| Unadjusted | 170.9 | 210.3 | 16.1 | 17.6 | 17.0 | 18.2 | 18.0 | 19.1 | 19.8 | 21.6 | 18.5 | 17.5 | 17.2 | 18.2 | 21.0 | |
| Seasonally adjusted at annual rates | | | 197 | 199 | 189 | 194 | 211 | 198 | 219 | 226 | 244 | 266 | 267 | 262 | 247 | |
| CONSTRUCTION COST INDEXES | | | | | | | | | | | | | | | | |
| Bureau of the Census, 1987=100: | | | | | | | | | | | | | | | | |
| Composite fixed-weighted price index * | 111.2 | 111.8 | 110.9 | 111.1 | 111.1 | 111.7 | 112.0 | 111.9 | 112.5 | 113.1 | 113.4 | 113.7 | 113.9 | 114.5 | 115.5 | |
| Implicit price deflator * | 111.8 | 112.3 | 110.9 | 111.3 | 111.3 | 112.0 | 112.5 | 112.5 | 112.9 | 113.5 | 113.8 | 114.4 | 114.6 | 115.1 | 116.1 | |
| Boeckh indexes, 1987=100 †: | | | | | | | | | | | | | | | | |
| Average, 20 cities: | | | | | | | | | | | | | | | | |
| Apartments, hotels, office buildings © | 112.0 | 114.9 | 114.1 | | 115.8 | | 117.4 | | 115.3 | | 115.7 | | 116.6 | | | |
| Commercial and factory buildings © | 114.2 | 117.4 | 116.6 | | 117.1 | | 117.7 | | 117.8 | | 117.9 | | 118.4 | | | |
| Residences © | 113.0 | 116.7 | 115.4 | | 116.1 | | 116.9 | | 117.4 | | 118.3 | | 118.9 | | | |
| Engineering News-Record, 1967=100: | | | | | | | | | | | | | | | | |
| Building | 407.2 | 419.4 | 414.4 | 415.9 | 418.6 | 420.0 | 421.1 | 422.4 | 422.8 | 424.4 | 425.2 | 425.5 | 427.2 | 427.1 | 431.5 | 2 440.5 |
| Construction | 450.1 | 464.1 | 458.6 | 460.5 | 462.2 | 462.9 | 464.7 | 468.5 | 469.4 | 470.3 | 470.9 | 471.0 | 472.1 | 472.0 | 475.4 | 2 481.0 |
| Federal Highway Adm.—Highway construction, 1987=100: | | | | | | | | | | | | | | | | |
| Composite (avg. for year or qtr.) | 107.5 | | 102.9 | | | 110.4 | | | 99.9 | | | 107.0 | | | 109.7 | |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1991 and methodological notes are as shown in BUSINESS STATISTICS, 1963-91 | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|---|--------|------|------|------|-----|------|------|------|-------|------|------|------|------|------|------|------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |

3. CONSTRUCTION AND REAL ESTATE—Continued

| REAL ESTATE ◊ | | | | | | | | | | | | | | | | |
|---|----------------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>(Thousands of units)</i> | | | | | | | | | | | | | | | | |
| Mortgage applications for new home construction: | | | | | | | | | | | | | | | | |
| FHA applications | 98.0 | 94.1 | 10.1 | 9.4 | 7.9 | 7.7 | 8.8 | 7.5 | 7.1 | 7.3 | 7.1 | 6.5 | 5.7 | 7.0 | 7.7 | 8.2 |
| Seasonally adjusted annual rates | | | 101 | 99 | 86 | 83 | 101 | 94 | 90 | 96 | 110 | 95 | 84 | 90 | 73 | 83 |
| Requests for VA appraisals | | | | | | | | | | | | | | | | |
| Seasonally adjusted annual rates | | | | | | | | | | | | | | | | |
| <i>(Millions of dollars)</i> | | | | | | | | | | | | | | | | |
| Home mortgages insured or guaranteed by: | | | | | | | | | | | | | | | | |
| Fed. Hous. Adm.: Face amount | 46,990.04 | 48,315.15 | 3,559.84 | 3,620.34 | 3,910.67 | 4,603.26 | 4,797.76 | 4,588.95 | 4,319.72 | 3,497.24 | 3,914.13 | 4,730.80 | 4,937.40 | 5,160.00 | 6,492.00 | 5,076.00 |
| Vet. Adm.: Face amount \$ | | | | | | | | | | | | | | | | |
| Federal Home Loan Banks, outstanding advances to member institutions, end of period | 79,065 | 79,881 | 76,275 | 76,008 | 76,409 | 76,860 | 76,194 | 77,078 | 80,158 | 79,349 | 80,954 | 79,881 | 79,327 | 82,260 | 84,970 | 88,602 |
| New mortgage loans of SAIF-insured institutions, estimated total @ | ² 143,674 | | 21,916 | 19,609 | 16,384 | 16,350 | 14,427 | 15,723 | 18,823 | | | | | | | |
| By purpose of loan: | | | | | | | | | | | | | | | | |
| Home construction | 12,261 | | 1,138 | 1,348 | 1,314 | 1,371 | 1,288 | 1,110 | 1,175 | | | | | | | |
| Home purchase | ² 125,594 | | 20,230 | 17,797 | 14,642 | 14,401 | 12,692 | 14,177 | 16,344 | | | | | | | |
| All other purposes | ² 5,819 | | 540 | 463 | 428 | 577 | 447 | 436 | 1,305 | | | | | | | |

4. DOMESTIC TRADE

| ADVERTISING | | | | | | | | | | | | | | | | |
|--|-------------|-----------|-----------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|-----------|---------|
| <i>(Millions of dollars)</i> | | | | | | | | | | | | | | | | |
| Magazine advertising (Leading National Advertisers): | | | | | | | | | | | | | | | | |
| Cost, total | | | | | | | | | | | | | | | | |
| Apparel and accessories | | | | | | | | | | | | | | | | |
| Automotive, incl. accessories | | | | | | | | | | | | | | | | |
| Building materials | | | | | | | | | | | | | | | | |
| Drugs and toiletries | | | | | | | | | | | | | | | | |
| Foods, soft drinks, confectionery | | | | | | | | | | | | | | | | |
| Beer, wine, liquors | | | | | | | | | | | | | | | | |
| Household equipment, supplies, furnishings | | | | | | | | | | | | | | | | |
| Industrial materials | | | | | | | | | | | | | | | | |
| Soaps, cleansers, etc | | | | | | | | | | | | | | | | |
| Smoking materials | | | | | | | | | | | | | | | | |
| All other | | | | | | | | | | | | | | | | |
| Newspaper advertising expenditures (Newspaper Advertising Bureau, Inc.): | | | | | | | | | | | | | | | | |
| Total | 30,348 | 30,667 | | | 7,756 | | | 7,465 | | | 8,784 | | | | | |
| Classified | 10,587 | 10,759 | | | 2,594 | | | 2,699 | | | 3,201 | | | | | |
| National | 3,924 | 3,835 | | | 1,085 | | | 914 | | | 879 | | | | | |
| Retail | 15,838 | 16,073 | | | 4,077 | | | 3,852 | | | 4,703 | | | | | |
| WHOLESALE TRADE † | | | | | | | | | | | | | | | | |
| <i>(Millions of dollars)</i> | | | | | | | | | | | | | | | | |
| Merchant wholesalers sales (unadj.), total | * 1,771,614 | 1,828,041 | 155,919 | 152,207 | 146,801 | 156,221 | 155,906 | 152,291 | 157,384 | 163,877 | 150,562 | 156,341 | 145,650 | * 143,500 | 167,535 | |
| Durable goods establishments | * 859,492 | 904,522 | 77,657 | 75,277 | 71,534 | 79,133 | 76,869 | 75,870 | 78,780 | 82,073 | 75,185 | 77,587 | 71,901 | * 72,246 | 84,890 | |
| Nondurable goods establishments | * 912,122 | 923,519 | 78,262 | 76,930 | 75,267 | 77,088 | 79,037 | 76,421 | 78,604 | 81,804 | 75,377 | 78,754 | 73,749 | * 71,254 | 82,645 | |
| Merchant wholesalers inventories, book value (non-LIFO basis), end of period (unadj.), total | * 202,509 | 210,419 | 203,569 | 203,263 | 199,866 | 202,282 | 202,882 | 200,923 | 201,722 | 207,292 | 209,844 | 210,419 | 214,152 | * 212,595 | 213,494 | |
| Durable goods establishments | * 127,357 | 132,650 | 128,532 | 129,870 | 129,666 | 130,698 | 131,408 | 131,493 | 131,206 | 131,792 | 132,688 | 132,650 | 134,061 | * 134,533 | 135,997 | |
| Nondurable goods establishments | * 75,152 | 77,769 | 75,037 | 73,393 | 70,200 | 71,584 | 71,474 | 69,430 | 70,516 | 75,500 | 77,156 | 77,769 | 80,091 | * 78,062 | 77,497 | |
| RETAIL TRADE ‡ | | | | | | | | | | | | | | | | |
| <i>(Millions of dollars)</i> | | | | | | | | | | | | | | | | |
| All retail stores: | | | | | | | | | | | | | | | | |
| Estimated sales (unadj.), total | 1,865,477 | 1,962,423 | 154,738 | 159,068 | 165,756 | 164,627 | 166,011 | 166,341 | 160,612 | 168,729 | 167,175 | 204,100 | 148,525 | * 145,341 | * 164,893 | 169,607 |
| Durable goods stores # | 653,900 | 705,096 | 56,463 | 58,709 | 60,479 | 62,783 | 62,095 | 59,579 | 59,501 | 60,629 | 56,691 | 67,850 | 52,647 | * 52,415 | * 61,538 | 64,562 |
| Building materials, hardware, garden supply, and mobile home dealers | 95,229 | 103,031 | 7,939 | 9,092 | 9,926 | 9,843 | 9,503 | 8,971 | 9,107 | 9,198 | 7,982 | 8,282 | 6,841 | * 6,962 | * 8,278 | 9,470 |
| Automotive dealers | 368,943 | 398,067 | 33,479 | 34,433 | 34,722 | 36,699 | 36,177 | 33,705 | 34,097 | 34,662 | 30,615 | 31,120 | 30,168 | * 30,757 | * 37,274 | 39,032 |
| Furniture, home furnishings, and equipment | 98,612 | 105,844 | 8,235 | 8,078 | 8,220 | 8,505 | 8,746 | 8,714 | 8,565 | 8,975 | 9,472 | 12,654 | 8,611 | * 8,029 | * 8,939 | 8,573 |
| Nondurable goods stores | 1,211,577 | 1,257,327 | 98,275 | 100,359 | 105,277 | 101,844 | 103,916 | 106,762 | 101,111 | 108,100 | 110,484 | 136,250 | 95,878 | * 92,926 | * 103,355 | 105,045 |
| General merch. group stores | 228,473 | 247,354 | 17,872 | 18,737 | 19,976 | 18,779 | 18,537 | 20,507 | 18,734 | 20,950 | 25,086 | 37,290 | 16,098 | * 16,345 | * 19,085 | 20,212 |
| Food stores | 376,892 | 384,013 | 30,807 | 31,340 | 32,868 | 32,107 | 33,656 | 32,672 | 31,279 | 32,497 | 31,450 | 34,958 | 31,404 | * 29,498 | * 31,888 | 32,084 |
| Gasoline service stations | 134,100 | 133,000 | 10,376 | 10,539 | 11,475 | 11,655 | 11,940 | 11,886 | 11,279 | 11,670 | 11,087 | 11,237 | 10,402 | * 10,003 | * 10,966 | 11,065 |
| Apparel and accessory stores | 97,464 | 104,994 | 7,573 | 8,444 | 8,486 | 8,115 | 8,100 | 9,374 | 8,491 | 9,114 | 9,815 | 14,876 | 6,687 | * 6,489 | * 7,829 | 8,831 |
| Eating and drinking places | 196,875 | 201,866 | 16,766 | 16,450 | 17,521 | 16,779 | 17,225 | 17,808 | 16,590 | 17,658 | 16,578 | 17,251 | 15,947 | * 15,381 | * 17,184 | 17,442 |
| Drug and proprietary stores | 75,883 | 77,285 | 6,365 | 6,511 | 6,420 | 6,273 | 6,266 | 6,276 | 6,056 | 6,405 | 6,134 | 8,066 | 6,152 | * 6,202 | * 6,648 | 6,641 |
| Liquor stores | 23,990 | 25,619 | 1,874 | 1,940 | 2,169 | 2,140 | 2,265 | 2,214 | 2,109 | 2,212 | 2,173 | 2,893 | 1,373 | * 1,770 | 1,891 | |
| Estimated sales (seas. adj.), total | | | * 160,048 | * 160,182 | 161,282 | 161,133 | 162,316 | 163,224 | 164,211 | 167,603 | 167,291 | 169,155 | 169,232 | * 169,116 | * 167,720 | 169,700 |
| Durable goods stores # | | | * 57,281 | * 57,073 | 57,553 | 57,777 | 58,352 | 58,369 | 59,172 | 61,051 | 60,610 | 61,873 | 62,216 | * 60,978 | * 60,775 | 62,087 |
| Bldg. materials, hardware, garden supply, and mobile home dealers # | | | * 8,544 | * 8,593 | 8,598 | 8,387 | 8,437 | 8,384 | 8,618 | 8,745 | 8,623 | 9,069 | 8,943 | * 8,974 | * 8,766 | 8,834 |
| Automotive dealers | | | * 6,176 | 6,146 | 6,168 | 6,032 | 6,106 | 6,097 | 6,269 | 6,348 | 6,229 | 6,504 | 6,471 | * 6,590 | 6,499 | |
| Furniture, home furnishings, and supply stores | | | * 1,053 | * 1,043 | 1,073 | 1,056 | 1,079 | 1,092 | 1,089 | 1,074 | 1,078 | 1,072 | 1,069 | * 1,058 | 1,058 | |
| Hardware stores | | | * 32,280 | * 32,063 | 32,407 | 32,619 | 32,881 | 32,789 | 33,282 | 34,924 | 34,671 | 34,952 | 35,274 | * 34,731 | * 34,868 | 35,908 |
| Automotive dealers | | | * 29,429 | * 29,284 | 29,618 | 29,816 | 30,036 | 29,960 | 30,419 | 31,979 | 31,746 | 32,024 | 32,329 | * 31,682 | * 31,938 | 32,917 |
| Motor vehicle and miscellaneous auto dealers | | | * 2,851 | * 2,779 | 2,789 | 2,803 | 2,845 | 2,829 | 2,863 | 2,945 | 2,925 | 2,928 | 2,945 | * 3,049 | * 2,930 | 2,991 |
| Auto and home supply stores | | | * 8,602 | * 8,513 | 8,503 | 8,619 | 8,770 | 8,788 | 8,812 | 9,019 | 9,081 | 9,429 | 9,398 | * 9,182 | * 9,142 | 9,072 |
| Furniture, home furnishings stores | | | * 4,439 | * 4,408 | 4,446 | 4,547 | 4,625 | 4,618 | 4,604 | 4,622 | 4,633 | 4,828 | 4,732 | * 4,628 | 4,576 | |
| Household appliance, radio, and TV stores | | | * 3,342 | * 3,309 | 3,272 | 3,280 | 3,331 | 3,377 | 3,394 | 3,550 | 3,601 | 3,617 | 3,689 | * 3,621 | 3,622 | |

See footnotes at end of tables.

SURVEY OF CURRENT BUSINESS

May 1993 • S-9

| | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|--|--------|------|------|------|-----|------|------|------|-------|------|------|------|------|------|------|------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |

4. DOMESTIC TRADE—Continued

| RETAIL TRADE —Continued | | | | | | | | | | | | | | | | | |
|---|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|---------|--|
| <i>(Millions of dollars—Continued)</i> | | | | | | | | | | | | | | | | | |
| All retail stores—Continued | | | | | | | | | | | | | | | | | |
| Estimated sales (seas. adj.)—Continued | | | | | | | | | | | | | | | | | |
| Nondurable goods stores | | | *102,767 | *103,109 | 103,729 | 103,356 | 103,964 | 104,855 | 105,039 | 106,552 | 106,681 | 107,282 | 107,016 | *108,138 | *106,945 | 107,613 | |
| General merch. group stores | | | *19,997 | *20,038 | 20,155 | 20,180 | 20,461 | 20,757 | 20,871 | 21,074 | 21,111 | 20,981 | 21,623 | *21,638 | *21,164 | 21,622 | |
| Department stores excluding leased departments | | | *15,151 | *15,174 | 15,322 | 15,310 | 15,531 | 15,717 | 15,809 | 15,987 | 16,060 | 16,006 | 16,491 | *16,296 | *15,835 | 16,266 | |
| Variety stores | | | *569 | *562 | 560 | 555 | 538 | 531 | 534 | 543 | 540 | 548 | 525 | *534 | 525 | | |
| Food stores | | | *31,532 | *31,807 | 31,647 | 31,785 | 31,930 | 32,197 | 31,815 | 32,195 | 32,306 | 32,683 | 32,543 | *32,887 | *32,267 | 32,372 | |
| Grocery stores | | | 29,684 | *29,902 | 29,723 | 29,838 | 29,979 | 30,254 | 29,865 | 30,227 | 30,408 | 30,536 | 30,504 | *30,864 | *30,322 | 30,412 | |
| Gasoline service stations | | | *10,980 | *11,024 | 11,195 | 11,207 | 11,232 | 11,088 | 11,058 | 11,072 | 11,054 | 11,082 | 11,173 | *11,537 | *11,519 | 11,647 | |
| Apparel and accessory stores # | | | *8,370 | *8,400 | 8,583 | 8,639 | 8,774 | 8,749 | 8,835 | 8,967 | 9,037 | 9,120 | 9,100 | *8,900 | *8,524 | 8,752 | |
| Men's and boys' clothing and furnishings stores | | | *775 | *758 | 767 | 771 | 761 | 757 | 749 | 758 | 758 | 752 | 763 | *768 | 741 | | |
| Women's clothing, specialty stores, and furriers | | | *3,044 | *3,072 | 3,243 | 3,136 | 3,108 | 3,181 | 3,200 | 3,244 | 3,276 | 3,362 | 3,392 | *3,275 | 3,079 | | |
| Shoe stores | | | *1,460 | *1,454 | 1,489 | 1,493 | 1,508 | 1,500 | 1,490 | 1,475 | 1,435 | 1,413 | 1,392 | *1,396 | 1,351 | | |
| Eating and drinking places | | | *16,850 | *16,516 | 16,623 | 16,026 | 16,083 | 16,550 | 16,843 | 17,363 | 17,414 | 17,549 | 17,315 | *17,205 | *17,253 | 17,338 | |
| Drug and proprietary stores | | | *6,468 | *6,511 | 6,465 | 6,427 | 6,433 | 6,457 | 6,395 | 6,437 | 6,311 | 6,282 | 6,442 | *6,662 | *6,641 | 6,621 | |
| Liquor stores | | | *2,057 | *2,084 | 2,141 | 2,134 | 2,137 | 2,162 | 2,204 | 2,230 | 2,199 | 2,135 | 2,097 | *2,080 | 2,049 | | |
| Estimated inventories, end of period: | | | | | | | | | | | | | | | | | |
| Book value (non-LIFO basis), (unadjusted), total | 242,150 | 256,642 | 246,155 | 250,849 | 248,822 | 248,060 | 250,363 | 249,860 | 256,592 | 270,282 | 276,098 | 256,642 | 254,569 | *259,815 | 268,487 | | |
| Durable goods stores # | 120,954 | 132,710 | 122,932 | 125,972 | 126,098 | 125,688 | 124,561 | 122,981 | 124,662 | 130,497 | 134,966 | 132,710 | 131,189 | *134,725 | 139,359 | | |
| Bldg. materials, hardware, garden supply, and mobile home dealers | 16,911 | 18,088 | 18,749 | 19,357 | 19,267 | 18,781 | 18,713 | 18,439 | 18,357 | 18,563 | 18,253 | 18,088 | 18,717 | *19,774 | 20,826 | | |
| Automotive dealers | 62,344 | 67,551 | 62,471 | 63,922 | 63,607 | 63,269 | 61,123 | 58,982 | 58,906 | 61,070 | 64,292 | 67,551 | 66,595 | *69,143 | 71,507 | | |
| Furniture, home furnishings, and equipment | 18,746 | 21,330 | 18,806 | 18,988 | 19,075 | 19,088 | 19,302 | 19,643 | 20,394 | 21,891 | 22,906 | 21,330 | 20,608 | *20,075 | 20,852 | | |
| Nondurable goods stores # | 121,196 | 123,932 | 123,223 | 124,877 | 122,724 | 122,372 | 125,802 | 126,879 | 131,930 | 139,785 | 141,132 | 123,932 | 123,380 | *125,090 | 129,128 | | |
| General merch. group stores | 42,262 | 44,604 | 44,609 | 45,863 | 44,302 | 44,078 | 45,882 | 46,689 | 50,284 | 54,935 | 55,579 | 44,604 | 45,185 | *46,621 | 49,500 | | |
| Department stores excluding leased departments | 33,374 | 35,045 | 35,515 | 36,349 | 35,149 | 34,774 | 36,124 | 36,793 | 39,366 | 43,022 | 43,584 | 35,045 | 35,589 | *36,861 | 39,066 | | |
| Food stores | 26,571 | 27,298 | 25,792 | 26,084 | 26,306 | 26,387 | 26,345 | 25,872 | 26,235 | 27,389 | 27,850 | 27,298 | 26,864 | *26,542 | 26,856 | | |
| Apparel and accessory stores | 18,392 | 20,066 | 19,867 | 20,346 | 20,027 | 19,650 | 21,023 | 21,992 | 22,402 | 23,641 | 24,094 | 20,066 | 19,923 | *20,919 | 21,641 | | |
| Book value (non-LIFO basis), (seas. adj.), total | 245,885 | 260,647 | *247,329 | 251,566 | 250,942 | 252,568 | 254,984 | 254,145 | 254,884 | 255,540 | 256,895 | 260,647 | 262,427 | *265,718 | 269,830 | | |
| Durable goods stores # | 119,828 | 131,549 | *122,113 | 125,405 | 125,217 | 125,844 | 127,018 | 127,334 | 126,900 | 127,760 | 128,884 | 131,549 | 132,861 | *135,599 | 138,517 | | |
| Bldg. materials, hardware, garden supply, and mobile home dealers | 17,597 | 18,822 | 18,063 | 18,648 | 18,402 | 18,163 | 18,676 | 18,625 | 18,693 | 19,117 | 18,856 | 18,822 | 19,316 | *19,715 | 20,064 | | |
| Automotive dealers | 59,535 | 64,485 | *60,922 | 63,022 | 62,692 | 63,016 | 62,969 | 63,172 | 62,315 | 62,077 | 62,590 | 64,485 | 65,617 | *67,696 | 69,789 | | |
| Furniture, home furn., and equipment | 18,935 | 21,567 | *19,092 | 19,297 | 19,405 | 19,537 | 19,797 | 19,902 | 19,975 | 20,251 | 21,015 | 21,567 | 21,245 | *21,043 | 21,170 | | |
| Nondurable goods stores # | 126,057 | 129,098 | *125,216 | 126,161 | 125,725 | 126,724 | 127,966 | 128,811 | 127,984 | 127,780 | 128,011 | 129,098 | 129,566 | *130,119 | 131,313 | | |
| General merch. group stores | 45,986 | 48,538 | *45,356 | 46,210 | 46,000 | 46,561 | 47,185 | 46,951 | 47,734 | 47,769 | 47,905 | 48,538 | 48,883 | *49,498 | 50,385 | | |
| Department stores excluding leased departments | 36,197 | 38,010 | 36,019 | 36,422 | 36,386 | 36,798 | 37,318 | 37,315 | 37,671 | 37,508 | 37,411 | 38,010 | 38,350 | *38,924 | 39,661 | | |
| Food stores | 26,158 | 26,849 | *26,032 | 26,316 | 26,348 | 26,478 | 26,608 | 26,385 | 26,556 | 26,697 | 26,730 | 26,849 | 26,909 | *26,963 | 27,122 | | |
| Apparel and accessory stores | 20,211 | 22,051 | 20,376 | 20,552 | 20,519 | 20,490 | 20,898 | 20,965 | 21,035 | 21,241 | 21,667 | 22,051 | 22,285 | *22,020 | 22,196 | | |
| Firms with 11 or more stores: | | | | | | | | | | | | | | | | | |
| Estimated sales (unadj.), total | *767,107 | *813,203 | *62,374 | *64,546 | *67,715 | *65,042 | *65,714 | *68,120 | *64,461 | *69,157 | *73,374 | *98,124 | *60,222 | 58,466 | 66,072 | | |
| Durable goods stores # | *102,965 | *112,352 | *8,360 | *8,735 | *9,397 | *9,394 | *9,265 | *9,214 | *9,016 | *9,325 | *9,844 | *14,801 | *8,210 | 7,848 | 9,123 | | |
| Auto and home supply stores | *11,213 | *11,881 | *930 | *988 | *1,025 | *1,055 | *1,086 | *1,037 | *1,018 | *1,082 | *981 | *995 | *877 | 886 | 1,032 | | |
| Nondurable goods stores # | *66,142 | *700,851 | *54,014 | *55,811 | *58,318 | *55,648 | *56,449 | *58,906 | *55,445 | *59,832 | *63,530 | *83,323 | *52,012 | 50,618 | 56,949 | | |
| General merchandise group stores | *216,366 | *234,973 | *16,985 | *17,743 | *18,936 | *17,810 | *17,558 | *19,505 | *17,754 | *19,873 | *23,941 | *35,692 | *15,290 | 15,590 | 18,202 | | |
| Food stores | *224,518 | *228,424 | *18,547 | *18,777 | *19,502 | *18,686 | *19,142 | *18,438 | *19,142 | *18,438 | *19,355 | *18,708 | *20,885 | *18,939 | 17,723 | 19,195 | |
| Grocery stores | *220,915 | *224,559 | *18,240 | *18,434 | *19,192 | *18,382 | *19,383 | *18,854 | *18,158 | *19,053 | *18,431 | *20,335 | *18,676 | *17,438 | 18,904 | | |
| Apparel and accessory stores | *61,060 | *66,291 | *4,793 | *5,365 | *5,326 | *5,102 | *4,950 | *5,912 | *5,335 | *5,671 | *6,307 | *9,910 | *4,009 | 3,930 | 4,917 | | |
| Eating places | *45,588 | *48,056 | *3,957 | *3,994 | *4,255 | *4,015 | *4,180 | *4,242 | *3,944 | *4,189 | *3,942 | *4,005 | *3,909 | 3,699 | 4,094 | | |
| Drug stores and proprietary stores | *46,025 | *47,794 | *3,867 | *4,022 | *3,977 | *3,879 | *3,781 | *3,823 | *3,704 | *3,924 | *3,805 | *5,408 | *3,804 | 3,806 | 4,037 | | |
| Estimated sales (seas. adj.), total | *66,265 | *66,784 | *67,264 | *67,213 | *67,600 | *68,093 | *68,182 | *68,855 | *68,711 | *68,757 | *70,675 | *70,675 | *70,675 | *70,675 | 70,517 | 69,527 | |
| Auto and home supply stores | *971 | *973 | *974 | *976 | *981 | *976 | *983 | *993 | *1,005 | *1,002 | *999 | *1,040 | *1,092 | 1,058 | 1,058 | | |
| Department stores excluding leased departments | *14,878 | *14,938 | *15,080 | *15,099 | *15,294 | *15,482 | *15,570 | *15,756 | *15,844 | *15,770 | *15,844 | *15,770 | *16,308 | 16,078 | 15,695 | | |
| Variety stores | *362 | *377 | *380 | *381 | *376 | *376 | *385 | *386 | *386 | *372 | *378 | *378 | *367 | 374 | 360 | | |
| Grocery stores | *18,518 | *18,677 | *18,597 | *18,568 | *18,620 | *18,968 | *18,856 | *18,735 | *18,788 | *18,846 | *18,846 | *18,922 | 19,269 | 18,923 | | | |
| Apparel and accessory stores | *5,361 | *5,307 | *5,386 | *5,464 | *5,559 | *5,474 | *5,592 | *5,667 | *5,647 | *5,792 | *5,750 | 5,557 | 5,383 | | | | |
| Women's clothing, specialty stores, and furriers | *1,930 | *1,907 | *1,948 | *1,934 | *1,882 | *1,959 | *1,952 | *2,004 | *1,976 | *2,091 | *2,102 | 2,102 | 2,013 | 1,965 | | | |
| Shoe stores | *979 | *946 | *978 | *991 | *1,014 | *1,011 | *1,009 | *1,013 | *986 | *1,004 | *995 | 995 | 954 | | | | |
| Drug stores and proprietary stores | *3,991 | *4,030 | *4,033 | *3,995 | *3,963 | *3,966 | *3,957 | 4,008 | *3,911 | *3,913 | *3,996 | 4,101 | 4,094 | | | | |

5. LABOR FORCE, EMPLOYMENT, AND EARNINGS

| LABOR FORCE AND POPULATION | | | | | | | | | | | | | | | | |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| <i>(Thousands, unless otherwise indicated)</i> | | | | | | | | | | | | | | | | |
| Not seasonally adjusted: | | | | | | | | | | | | | | | | |
| Noninstitutional population, persons 16 years of age and over | | | | | | | | | | | | | | | | |
| Labor force @ | 191,329 | 193,142 | 192,607 | 192,745 | 192,881 | 193,025 | 193,190 | 193,356 | 193,513 | 193,683 | 193,847 | 194,026 | 194,159 | 194,298 | 194,456 | 194,618 |
| Resident Armed Forces | 1,564 | 1,566 | 1,585 | 1,577 | 1,574 | 1,570 | 1,568 | 1,566 | 1,566 | 1,552 | 1,531 | 1,517 | 1,515 | 1,512 | 1,497 | 1,492 |
| Civilian noninstitutional population | 189,765 | 191,576 | 191,022 | 191,168 | 191,307 | 191,455 | 191,622 | 191,790 | 191,947 | 192,131 | 192,316 | 192,509 | 192,644 | 192,786 | 192,959 | 193,126 |
| Civilian labor force, total | 125,303 | 126,982 | 125,797 | 125,878 | 126,705 | 126,902 | 126,600 | 126,473 | 127,044 | 126,846 | 127,087 | 126,902 | 126,034 | 126,505 | 126,682 | 126,491 |
| Employed | 116,877 | 117,598 | 116,106 | 116,933 | 117,535 | 118,907 | 119,754 | 119,082 | 118,953 | 118,246 | 118,239 | 118,073 | 116,123 | 116,735 | 117,406 | 117,856 |
| Unemployed | 8,426 | 9,384 | 9,691 | 8,945 | 9,169 | 10,095 | 9,845 | 9,390 | 9,090 | 8,600 | 8,848 | 8,829 | 9,911 | 9,770 | 9,276 | 8,635 |
| Seasonally adjusted: ♦ | | | | | | | | | | | | | | | | |
| Civilian labor force, total | | | 126,548 | 126,743 | 127,039 | 127,298 | 127,350 | 127,404 | 127,474 | 127,066 | 127,665 | 127,591 | 127,083 | 127,327 | 127,429 | 127,341 |
| Participation rate, percent † | 66.0 | 66.3 | 66.2 | 66.3 | 66.4 | 66.5 | 66.5 | 66.4 | 66.3 | 66.2 | 66.3 | 66.0 | 66.0 | 66.0 | 65.9 | |
| Employed, total | | | 117,264 | 117,518 | 117,580 | 117,510 | 117,722 | 117,780 | 117,724 | 117,687 | 118,064 | 118,311 | 118,071 | 118,451 | 118,565 | 118,416 |
| Employment-population ratio, percent † | 61.6 | 61.4 | 61.4 | 61.5 | 61.5 | 61.4 | 61.4 | 61.4 | 61.3 | 61.3 | | | | | | |

| | Annual | | 1992 | | | | | | | | | | | | 1993 | | | |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|---------|--|--|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | | |
| 5. LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued | | | | | | | | | | | | | | | | | | |
| LABOR FORCE—Continued | | | | | | | | | | | | | | | | | | |
| Seasonally adjusted—Continued | | | | | | | | | | | | | | | | | | |
| Civilian labor force—Continued | | | | | | | | | | | | | | | | | | |
| Unemployed—Continued | | | | | | | | | | | | | | | | | | |
| Rates %: | | | | | | | | | | | | | | | | | | |
| All civilian workers | 6.7 | 7.4 | 7.3 | 7.3 | 7.4 | 7.7 | 7.6 | 7.5 | 7.4 | 7.3 | 7.3 | 7.1 | 7.0 | 7.0 | 7.0 | 7.0 | | |
| Men, 20 years and over | 6.3 | 7.0 | 7.0 | 6.9 | 7.2 | 7.3 | 7.2 | 7.1 | 7.2 | 6.9 | 6.8 | 6.4 | 6.5 | 6.7 | 6.4 | 6.4 | | |
| Women, 20 years and over | 5.7 | 6.3 | 6.1 | 6.2 | 6.2 | 6.3 | 6.4 | 6.4 | 6.2 | 6.2 | 6.4 | 6.4 | 6.0 | 5.7 | 6.0 | 6.0 | | |
| Both sexes, 16-19 years | 18.6 | 20.0 | 20.2 | 19.4 | 19.9 | 22.8 | 20.6 | 19.9 | 20.4 | 18.9 | 20.2 | 19.2 | 19.7 | 19.6 | 19.5 | 20.7 | | |
| White | 6.0 | 6.5 | 6.5 | 6.4 | 6.5 | 6.8 | 6.6 | 6.6 | 6.5 | 6.4 | 6.3 | 6.2 | 6.1 | 6.1 | 6.0 | 6.0 | | |
| Black | 12.4 | 14.1 | 13.9 | 13.8 | 14.5 | 14.5 | 14.4 | 14.2 | 13.9 | 14.1 | 14.0 | 14.2 | 14.2 | 13.1 | 13.5 | 13.8 | | |
| Hispanic origin | 9.9 | 11.4 | 11.3 | 10.4 | 11.3 | 11.8 | 11.8 | 11.3 | 11.6 | 11.7 | 12.0 | 11.7 | 11.6 | 11.4 | 11.4 | 10.4 | | |
| Married men, spouse present | 4.4 | 5.0 | 4.9 | 4.8 | 5.0 | 5.1 | 5.2 | 5.3 | 5.2 | 5.1 | 4.9 | 4.8 | 4.5 | 4.5 | 4.7 | 4.5 | | |
| Married women, spouse present | 4.5 | 5.0 | 4.9 | 5.0 | 5.0 | 5.2 | 5.2 | 5.0 | 5.0 | 5.1 | 5.0 | 5.0 | 4.9 | 4.4 | 4.3 | 4.8 | | |
| Women who maintain families | 9.1 | 9.9 | 9.9 | 10.0 | 9.9 | 10.1 | 10.3 | 10.3 | 9.1 | 9.3 | 10.4 | 10.3 | 10.6 | 10.2 | 9.0 | 9.6 | | |
| Industry of last job: | | | | | | | | | | | | | | | | | | |
| Private nonagricultural wage and salary workers | 7.0 | 7.7 | 7.7 | 7.6 | 7.7 | 7.9 | 7.8 | 7.9 | 7.8 | 7.8 | 7.5 | 7.5 | 7.3 | 7.2 | 7.2 | 7.2 | | |
| Construction | 15.4 | 16.7 | 17.3 | 16.6 | 16.9 | 17.4 | 17.0 | 17.0 | 17.4 | 16.1 | 14.5 | 15.7 | 14.3 | 13.7 | 15.3 | 14.5 | | |
| Manufacturing | 7.2 | 7.8 | 7.4 | 7.6 | 7.7 | 7.7 | 8.2 | 8.0 | 8.1 | 8.2 | 8.0 | 7.2 | 7.3 | 7.2 | 7.3 | 7.2 | | |
| Durable goods | 7.5 | 8.0 | 7.5 | 7.6 | 7.8 | 8.1 | 8.4 | 8.3 | 8.4 | 8.9 | 8.5 | 7.5 | 7.3 | 6.9 | 7.0 | 7.2 | | |
| Agricultural wage and salary workers | 11.6 | 12.3 | 10.5 | 10.9 | 13.3 | 12.8 | 13.8 | 11.4 | 14.3 | 12.5 | 12.2 | 11.6 | 13.1 | 12.1 | 12.1 | 11.2 | | |
| Not seasonally adjusted: | | | | | | | | | | | | | | | | | | |
| Occupation: | | | | | | | | | | | | | | | | | | |
| Managerial and professional specialty | 2.8 | 3.1 | 2.9 | 2.8 | 3.2 | 3.3 | 3.4 | 3.7 | 3.5 | 3.1 | 2.8 | 3.0 | 3.3 | 3.4 | 3.0 | 2.8 | | |
| Technical, sales, and administrative support | 5.1 | 5.8 | 5.7 | 5.4 | 5.7 | 6.0 | 6.1 | 6.1 | 6.0 | 5.8 | 5.4 | 5.4 | 6.0 | 5.5 | 5.2 | 5.2 | | |
| Service occupations | 7.5 | 8.1 | 8.1 | 8.1 | 8.3 | 8.6 | 7.9 | 8.0 | 8.0 | 7.8 | 8.0 | 7.6 | 8.7 | 8.0 | 7.7 | 7.3 | | |
| Precision production, craft, and repair | 7.9 | 8.8 | 11.2 | 8.1 | 8.3 | 8.3 | 7.5 | 7.4 | 7.5 | 7.2 | 7.9 | 8.7 | 9.9 | 10.2 | 9.9 | 9.1 | | |
| Operators, fabricators, and laborers | 10.5 | 11.0 | 12.6 | 11.4 | 10.7 | 10.7 | 10.7 | 10.0 | 9.7 | 9.6 | 10.0 | 9.9 | 11.9 | 12.1 | 11.8 | 10.1 | | |
| Farming, forestry, and fishing | 7.6 | 8.1 | 8.9 | 6.5 | 6.3 | 6.5 | 6.7 | 6.7 | 7.9 | 7.0 | 10.0 | 10.4 | 12.1 | 12.6 | 10.3 | 7.7 | | |
| EMPLOYMENT § | | | | | | | | | | | | | | | | | | |
| <i>(Thousands)</i> | | | | | | | | | | | | | | | | | | |
| Employees on nonfarm payrolls by industry: | | | | | | | | | | | | | | | | | | |
| Total, not adjusted for seas. variation | 108,310 | 108,437 | 107,359 | 108,140 | 108,876 | 109,378 | 108,298 | 108,244 | 108,952 | 109,400 | 109,592 | 109,534 | 107,352 | *107,873 | *108,304 | 109,038 | | |
| Private sector (excl. government) | 89,930 | 89,858 | 88,477 | 89,248 | 89,953 | 90,746 | 90,668 | 90,746 | 90,580 | 90,530 | 90,511 | 90,546 | 88,730 | *88,895 | *89,221 | 89,967 | | |
| Seasonally adjusted: | | | | | | | | | | | | | | | | | | |
| Total employees, nonfarm payrolls | 108,310 | 108,437 | 108,200 | 108,377 | 108,496 | 108,423 | 108,594 | 108,485 | 108,497 | 108,571 | 108,646 | 108,752 | 108,865 | *109,203 | *109,194 | 109,313 | | |
| Private sector (excl. government) | 89,930 | 89,858 | 89,693 | 89,835 | 89,950 | 89,885 | 89,988 | 89,803 | 89,847 | 89,948 | 89,961 | 90,067 | 90,201 | *90,511 | *90,494 | 90,601 | | |
| Nonmanufacturing industries | 71,475 | 71,668 | 71,415 | 71,556 | 71,675 | 71,649 | 71,746 | 71,658 | 71,745 | 71,902 | 71,893 | 72,005 | 72,109 | *72,399 | *72,406 | 72,578 | | |
| Goods-producing | 23,830 | 23,420 | 23,532 | 23,530 | 23,548 | 23,470 | 23,459 | 23,362 | 23,296 | 23,270 | 23,280 | 23,263 | 23,267 | *23,374 | *23,293 | 23,214 | | |
| Mining | 691 | 635 | 651 | 646 | 641 | 634 | 633 | 626 | 620 | 623 | 622 | 619 | 616 | *605 | *607 | 603 | | |
| Construction | 4,685 | 4,595 | 4,603 | 4,605 | 4,632 | 4,600 | 4,584 | 4,591 | 4,574 | 4,601 | 4,590 | 4,582 | 4,559 | *4,657 | *4,598 | 4,588 | | |
| Manufacturing | 18,455 | 18,190 | 18,278 | 18,279 | 18,275 | 18,236 | 18,242 | 18,145 | 18,102 | 18,046 | 18,068 | 18,062 | 18,092 | *18,112 | *18,088 | 18,023 | | |
| Durable goods | 10,602 | 10,339 | 10,417 | 10,409 | 10,398 | 10,371 | 10,347 | 10,298 | 10,271 | 10,231 | 10,247 | 10,238 | 10,265 | *10,274 | *10,246 | 10,198 | | |
| Lumber and wood products | 679 | 687 | 689 | 688 | 687 | 684 | 683 | 682 | 683 | 689 | 695 | 697 | 696 | *704 | *702 | 694 | | |
| Furniture and fixtures | 472 | 465 | 465 | 467 | 467 | 469 | 470 | 465 | 461 | 461 | 461 | 462 | 463 | *467 | *466 | 465 | | |
| Stone, clay and glass products | 524 | 519 | 518 | 520 | 522 | 521 | 521 | 520 | 520 | 518 | 518 | 519 | 517 | *524 | *521 | 518 | | |
| Primary metal industries | 726 | 703 | 710 | 708 | 707 | 706 | 702 | 701 | 699 | 695 | 695 | 693 | 694 | *694 | *692 | 688 | | |
| Fabricated metal products | 1,359 | 1,335 | 1,342 | 1,341 | 1,343 | 1,338 | 1,335 | 1,334 | 1,330 | 1,323 | 1,323 | 1,323 | 1,331 | *1,335 | *1,335 | 1,331 | | |
| Industrial machinery and equipment | 2,007 | 1,946 | 1,948 | 1,941 | 1,959 | 1,954 | 1,947 | 1,941 | 1,943 | 1,935 | 1,935 | 1,936 | *1,932 | *1,931 | 1,930 | | | |
| Electronic and other electrical equipment | 1,598 | 1,549 | 1,560 | 1,557 | 1,554 | 1,549 | 1,545 | 1,536 | 1,538 | 1,534 | 1,537 | 1,537 | 1,540 | *1,545 | *1,548 | 1,544 | | |
| Transportation equipment | 1,891 | 1,827 | 1,863 | 1,859 | 1,842 | 1,836 | 1,829 | 1,797 | 1,792 | 1,782 | 1,790 | 1,782 | 1,805 | *1,791 | *1,770 | 1,748 | | |
| Instruments and related products | 980 | 943 | 956 | 952 | 949 | 946 | 943 | 938 | 935 | 930 | 927 | 921 | 920 | *917 | *915 | 914 | | |
| Miscellaneous manufacturing | 366 | 366 | 366 | 368 | 368 | 368 | 372 | 366 | 365 | 364 | 366 | 365 | 363 | *365 | *367 | 366 | | |
| Nondurable goods | 7,852 | 7,851 | 7,861 | 7,870 | 7,877 | 7,865 | 7,895 | 7,847 | 7,831 | 7,815 | 7,821 | 7,824 | 7,827 | *7,838 | *7,842 | 7,825 | | |
| Food and kindred products | 1,672 | 1,670 | 1,671 | 1,677 | 1,678 | 1,671 | 1,685 | 1,672 | 1,661 | 1,661 | 1,664 | 1,664 | 1,671 | *1,675 | *1,676 | 1,664 | | |
| Tobacco manufactures | 49 | 49 | 49 | 50 | 49 | 49 | 49 | 51 | 50 | 49 | 49 | 49 | 49 | *48 | *48 | 48 | | |
| Textile mill products | 672 | 678 | 682 | 679 | 680 | 682 | 675 | 677 | 672 | 675 | 678 | 676 | 678 | *678 | *676 | 678 | | |
| Apparel and other textile products | 1,010 | 1,018 | 1,025 | 1,023 | 1,026 | 1,023 | 1,034 | 1,013 | 1,007 | 1,004 | 1,006 | 1,004 | 1,004 | *1,004 | *1,003 | 997 | | |
| Paper and allied products | 688 | 688 | 687 | 689 | 691 | 689 | 689 | 687 | 692 | 688 | 688 | 686 | 685 | 685 | 685 | 683 | | |
| Printing and publishing | 1,541 | 1,521 | 1,519 | 1,521 | 1,522 | 1,520 | 1,522 | 1,523 | 1,520 | 1,518 | 1,520 | 1,515 | 1,520 | *1,520 | *1,520 | 1,519 | | |
| Chemicals and allied products | 1,072 | 1,071 | 1,071 | 1,072 | 1,073 | 1,073 | 1,070 | 1,072 | 1,069 | 1,069 | 1,069 | 1,068 | 1,068 | *1,065 | *1,066 | 1,067 | | |
| Petroleum and coal products | 159 | 155 | 157 | 157 | 156 | 155 | 154 | 153 | 152 | 152 | 152 | 151 | 152 | *151 | *151 | 151 | | |
| Rubber and misc. plastics products | 864 | 879 | 877 | 876 | 880 | 883 | 884 | 880 | 877 | 877 | 880 | 883 | 887 | *891 | *896 | 898 | | |
| Leather and leather products | 125 | 123 | 123 | 123 | 122 | 122 | 126 | 123 | 123 | 123 | 122 | 121 | 120 | *120 | *121 | 120 | | |
| Service-producing | 84,840 | 85,017 | 84,668 | 84,847 | 84,948 | 84,953 | 85,135 | 85,123 | 85,201 | 85,301 | 85,366 | 85,489 | 85,598 | *85,829 | *85,901 | 86,099 | | |
| Transportation and public utilities | 5,772 | 5,742 | 5,754 | 5,746 | 5,745 | 5,745 | 5,742 | 5,729 | 5,738 | 5,731 | 5,732 | 5,742 | 5,763 | *5,771 | *5,770 | 5,768 | | |
| Wholesale trade | 6,069 | 5,983 | 5,997 | 5,993 | 5,993 | 5,988 | 5,972 | 5,964 | 5,957 | 5,969 | 5,976 | 5,970 | 5,995 | *6,002 | *6,009 | 6,008 | | |
| Retail trade | 19,259 | 19,138 | 19,092 | 19,177 | 19,150 | 19,156 | 19,184 | 19,106 | 19,122 | 19,146 | 19,116 | 19,162 | 19,227 | *19,361 | *19,342 | 19,363 | | |
| Finance, insurance, and real estate | 6,678 | 6,672 | 6,675 | 6,682 | 6,681 | 6,672 | 6,660 | 6,661 | 6,669 | 6,680 | 6,669 | 6,677 | 6,682 | *6,681 | *6,680 | 6,697 | | |
| Services | 28,323 | 28,903 | 28,643 | 28,707 | 28,833 | 28,854 | 28,971 | 28,981 | 29,065 | 29,152 | 29,188 | 29,253 | 29,267 | *29,322 | *29,400 | 29,551 | | |
| Government | 18,380 | 18,579 | 18,507 | 18,542 | 18,546 | 18,538 | 18,606 | 18,682 | 18,650 | 18,623 | 18,685 | 18,685 | 18,664 | *18,692 | *18,700 | 18,712 | | |
| Federal | 2,966 | 2,969 | 2,989 | 2,986 | 2,984 | 2,972 | 2,957 | 2,959 | 2,967 | 2,942 | 2,940 | 2,971 | 2,943 | *2,943 | *2,935 | 2,927 | | |
| State | 4,346 | 4,371 | 4,345 | 4,360 | 4,367 | 4,357 | 4,388 | 4,383 | 4,401 | 4,390 | 4,384 | 4,389 | 4,394 | *4,398 | *4,401 | 4,411 | | |
| Local | 11,067 | 11,239 | 11,173 | 11,196 | 11,195 | 11,209 | 11,261 | 11,340 | 11,282 | 11,291 | 11,361 | 11,325 | 11,327 | *11,351 | *11,364 | 11,374 | | |
| Production or nonsupervisory workers on private nonfarm payrolls, not seas. adjusted | 72,705 | 72,809 | 71,437 | 72,203 | 72,873 | 73,523 | 73,558 | 73,659 | 73,530 | 73,526 | 73,523 | 73,572 | 71,853 | *72,017 | *72,319 | 73,013 | | |
| Manufacturing, not seas. adjusted | 12,467 | 12,345 | 12,263 | 12,309 | 12,359 | 12,455 | 12,350 | 12,445 | 12,458 | 12,383 | 12,345 | 12,295 | 12,185 | *12,192 | *12,199 | 12,192 | | |
| Production or nonsupervisory workers on private nonfarm payrolls | 72 | | | | | | | | | | | | | | | | | |

| Unless otherwise stated in footnotes below, data through 1991 and methodological notes are as shown in BUSINESS STATISTICS, 1963-91 | Annual | | 1992 | | | | | | | | | | 1993 | | | | |
|---|-----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|--------|--|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | |
| 5. LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued | | | | | | | | | | | | | | | | | |
| EMPLOYMENT §—Continued | | | | | | | | | | | | | | | | | |
| [Thousands] | | | | | | | | | | | | | | | | | |
| Seasonally adjusted—Continued | | | | | | | | | | | | | | | | | |
| Production or nonsupervisory workers—Continued | | | | | | | | | | | | | | | | | |
| Nondurable goods | 5,479 | 5,486 | 5,497 | 5,509 | 5,514 | 5,502 | 5,525 | 5,479 | 5,461 | 5,446 | 5,455 | 5,462 | 5,475 | *5,482 | *5,488 | 5,472 | |
| Food and kindred products | 1,208 | 1,214 | 1,211 | 1,222 | 1,221 | 1,218 | 1,229 | 1,216 | 1,204 | 1,205 | 1,211 | 1,212 | 1,220 | 1,221 | 1,221 | 1,210 | |
| Tobacco manufactures | 36 | 37 | 37 | 37 | 37 | 37 | 37 | 39 | 37 | 37 | 35 | 37 | 37 | 36 | 36 | 36 | |
| Textile mill products | 576 | 581 | 586 | 585 | 583 | 582 | 583 | 578 | 580 | 573 | 577 | 579 | 577 | 578 | 578 | 578 | |
| Apparel and other textile products | 845 | 852 | 858 | 857 | 861 | 856 | 867 | 848 | 843 | 840 | 840 | 841 | 843 | *841 | *842 | 837 | |
| Paper and allied products | 518 | 518 | 517 | 519 | 521 | 519 | 519 | 517 | 521 | 518 | 517 | 516 | 517 | 517 | 517 | 515 | |
| Printing and publishing | 850 | 841 | 841 | 842 | 842 | 840 | 841 | 840 | 841 | 838 | 838 | 840 | 838 | 841 | *842 | 840 | |
| Chemicals and allied products | 579 | 565 | 568 | 567 | 568 | 567 | 563 | 563 | 560 | 561 | 559 | 560 | 561 | *561 | *564 | 565 | |
| Petroleum and coal products | 103 | 101 | 103 | 103 | 102 | 101 | 101 | 100 | 100 | 100 | 100 | 99 | 100 | 100 | 100 | 98 | |
| Rubber and misc. plastics products | 663 | 678 | 676 | 676 | 679 | 683 | 684 | 679 | 676 | 675 | 679 | 681 | 686 | *690 | *694 | 697 | |
| Leather and leather products | 101 | 100 | 100 | 101 | 100 | 99 | 101 | 99 | 99 | 99 | 99 | 97 | 96 | *97 | *97 | 96 | |
| Service-producing | 56,172 | 56,503 | 56,219 | 56,394 | 56,480 | 56,512 | 56,570 | 56,504 | 56,601 | 56,746 | 56,741 | 56,877 | 57,038 | *57,215 | *57,240 | 57,345 | |
| Transportation and public utilities | 4,798 | 4,791 | 4,795 | 4,791 | 4,790 | 4,794 | 4,789 | 4,770 | 4,789 | 4,786 | 4,789 | 4,805 | 4,827 | *4,836 | *4,834 | 4,827 | |
| Wholesale trade | 4,862 | 4,806 | 4,805 | 4,810 | 4,815 | 4,813 | 4,800 | 4,791 | 4,791 | 4,803 | 4,814 | 4,807 | 4,832 | *4,840 | *4,844 | 4,841 | |
| Retail trade | 16,987 | 16,844 | 16,808 | 16,874 | 16,872 | 16,874 | 16,883 | 16,815 | 16,833 | 16,839 | 16,828 | 16,878 | 16,944 | *17,067 | *17,036 | 17,025 | |
| Finance, insurance, and real estate | 4,818 | 4,822 | 4,820 | 4,826 | 4,818 | 4,811 | 4,812 | 4,812 | 4,823 | 4,830 | 4,831 | 4,836 | 4,846 | *4,846 | *4,845 | 4,851 | |
| Services | 24,707 | 25,240 | 24,991 | 25,093 | 25,177 | 25,213 | 25,287 | 25,316 | 25,365 | 25,488 | 25,479 | 25,551 | 25,589 | *25,626 | *25,681 | 25,801 | |
| AVERAGE HOURS PER WEEK § | | | | | | | | | | | | | | | | | |
| [Hours] | | | | | | | | | | | | | | | | | |
| Seasonally adjusted: | | | | | | | | | | | | | | | | | |
| Average weekly hours per worker on private nonfarm payrolls: ◊ | | | | | | | | | | | | | | | | | |
| Not seasonally adjusted | 34.3 | 34.4 | 34.3 | 34.2 | 34.4 | 34.6 | 34.6 | 35.0 | 34.3 | 34.5 | 34.6 | 34.5 | 34.0 | 34.2 | *34.0 | 34.2 | |
| Seasonally adjusted | 44.4 | 44.0 | 44.3 | 44.2 | 44.3 | 44.3 | 44.3 | 44.4 | 43.8 | 44.0 | 44.3 | 43.7 | 44.3 | *43.8 | *43.4 | 43.9 | |
| Mining | 38.1 | 38.0 | 37.3 | 38.2 | 38.9 | 38.9 | 38.9 | 39.0 | 37.1 | 39.0 | 37.5 | 37.2 | 36.1 | *36.6 | *37.4 | 37.7 | |
| Construction ‡ | 40.7 | 41.0 | 40.9 | 40.4 | 41.1 | 41.2 | 40.7 | 41.1 | 41.0 | 41.3 | 41.6 | 41.9 | 41.1 | 41.1 | 40.9 | 40.9 | |
| Manufacturing: | 41.1 | 41.1 | 41.1 | 41.3 | 41.0 | 41.0 | 41.0 | 40.9 | 41.1 | 41.2 | 41.2 | 41.2 | 41.4 | 41.5 | 41.2 | 41.5 | |
| Not seasonally adjusted | 3.6 | 3.8 | 3.8 | 3.9 | 4.1 | 3.8 | 3.8 | 3.7 | 3.5 | 3.8 | 3.9 | 3.9 | 4.0 | *4.2 | 3.9 | 4.3 | |
| Seasonally adjusted | 41.1 | 41.5 | 41.6 | 41.5 | 41.9 | 41.5 | 41.6 | 41.6 | 41.2 | 41.6 | 41.8 | 41.8 | 42.0 | 42.2 | 41.9 | 42.2 | |
| Overtime hours | 3.5 | 3.7 | 3.7 | 3.7 | 4.1 | 3.8 | 3.8 | 3.7 | 3.4 | 3.8 | 3.9 | 3.9 | 4.1 | 4.4 | 4.1 | 4.6 | |
| Durable goods | 40.0 | 40.6 | 41.0 | 40.6 | 40.8 | 40.1 | 40.8 | 40.5 | 40.3 | 40.7 | 40.9 | 40.4 | 40.5 | *41.0 | *40.4 | 40.6 | |
| Overtime hours | 38.9 | 39.7 | 40.1 | 40.0 | 40.0 | 39.8 | 40.1 | 39.4 | 39.2 | 39.7 | 40.1 | 39.9 | 40.2 | *40.4 | *40.1 | 40.2 | |
| Lumber and wood products | 41.7 | 42.2 | 42.0 | 42.4 | 42.5 | 42.3 | 42.5 | 42.3 | 42.5 | 42.4 | 42.3 | 42.1 | 42.2 | 42.5 | *42.1 | 42.5 | |
| Furniture and fixtures | 42.2 | 43.0 | 43.0 | 43.2 | 43.6 | 43.2 | 43.1 | 42.7 | 42.8 | 42.8 | 43.0 | 43.4 | 43.7 | 44.0 | *43.8 | 44.2 | |
| Stone, clay, and glass products | 41.2 | 41.6 | 41.6 | 41.3 | 41.9 | 41.6 | 41.9 | 41.6 | 41.1 | 41.7 | 41.8 | 41.8 | 42.0 | 42.2 | *41.8 | 42.0 | |
| Primary metal industries | 41.7 | 42.2 | 42.2 | 42.1 | 42.6 | 42.2 | 42.1 | 42.2 | 42.0 | 42.5 | 42.8 | 42.6 | 42.9 | 42.9 | 42.8 | 43.2 | |
| Fabricated metal products | 40.7 | 41.2 | 41.2 | 41.0 | 41.5 | 41.1 | 41.3 | 41.2 | 41.0 | 41.3 | 41.6 | 41.5 | 41.7 | 41.9 | *41.5 | 42.0 | |
| Industrial machinery and equipment | 41.9 | 41.8 | 42.0 | 41.8 | 42.2 | 41.9 | 41.5 | 42.2 | 40.9 | 41.5 | 41.8 | 42.4 | 42.6 | *42.8 | *42.8 | 42.8 | |
| Electronic and other electrical equipment | 41.0 | 41.1 | 41.2 | 40.9 | 41.4 | 41.2 | 41.1 | 41.2 | 41.0 | 41.3 | 41.3 | 41.1 | 41.4 | 40.9 | *41.1 | 41.5 | |
| Transportation equipment | 39.6 | 39.9 | 40.0 | 39.9 | 40.0 | 40.0 | 40.1 | 39.7 | 39.5 | 40.0 | 39.8 | 39.8 | 39.8 | 39.9 | 39.7 | 40.4 | |
| Instruments and related products | 40.2 | 40.4 | 40.5 | 40.6 | 40.5 | 40.4 | 40.3 | 40.3 | 40.5 | 40.4 | 40.5 | 40.5 | 40.7 | 40.7 | 40.3 | 40.6 | |
| Miscellaneous manufacturing | 3.7 | 3.8 | 3.9 | 4.1 | 4.1 | 3.9 | 3.8 | 3.8 | 3.8 | 3.9 | 3.9 | 3.9 | 4.1 | 4.1 | 3.8 | 4.0 | |
| Nondurable goods | 40.6 | 40.6 | 40.7 | 40.7 | 40.5 | 40.3 | 40.5 | 40.8 | 40.9 | 40.8 | 40.8 | 40.6 | 40.6 | 40.8 | 40.5 | 40.6 | |
| Overtime hours | 39.1 | 38.6 | 39.1 | 38.0 | 38.2 | 39.5 | 38.1 | 39.1 | 38.7 | 38.5 | 37.9 | 39.6 | 38.6 | *37.3 | *35.9 | 35.4 | |
| Food and kindred products | 40.6 | 41.1 | 41.3 | 41.4 | 41.4 | 41.3 | 41.0 | 40.8 | 41.8 | 40.8 | 41.1 | 41.8 | 41.1 | 41.9 | *40.0 | 42.0 | |
| Tobacco manufactures ‡ | 37.0 | 37.2 | 37.4 | 37.2 | 37.3 | 37.2 | 37.2 | 37.2 | 37.4 | 37.4 | 37.6 | 37.4 | 37.6 | 37.6 | *37.2 | 37.1 | |
| Textile mill products | 43.3 | 43.6 | 43.6 | 44.0 | 43.6 | 43.7 | 43.5 | 43.9 | 43.4 | 43.4 | 43.4 | 43.4 | 43.5 | *43.8 | *43.4 | 43.6 | |
| Apparel and other textile products | 37.7 | 38.1 | 38.1 | 38.0 | 38.2 | 38.1 | 38.0 | 38.1 | 38.2 | 38.1 | 38.0 | 38.2 | 38.1 | 38.0 | 38.1 | 38.5 | |
| Paper and allied products | 42.9 | 43.1 | 43.1 | 43.1 | 43.4 | 43.2 | 43.1 | 43.1 | 42.9 | 42.8 | 42.9 | 42.9 | 43.0 | 43.0 | 42.9 | 42.9 | |
| Printing and publishing | 44.1 | 43.8 | 43.9 | 43.5 | 44.5 | 43.6 | 43.4 | 43.4 | 43.8 | 44.8 | 44.9 | 44.1 | 43.9 | *43.5 | *44.6 | | |
| Chemicals and allied products | 41.1 | 41.7 | 41.7 | 42.3 | 41.9 | 41.8 | 41.6 | 41.7 | 41.5 | 41.5 | 41.8 | 41.9 | 42.2 | *42.2 | *41.9 | 41.8 | |
| Petroleum and coal products ‡ | 37.5 | 38.0 | 37.6 | 38.0 | 38.2 | 38.0 | 38.4 | 37.9 | 37.8 | 38.4 | 39.2 | 38.6 | 39.5 | *39.6 | *39.0 | 39.0 | |
| Rubber and misc. plastics products | 38.7 | 38.8 | 38.5 | 38.2 | 38.8 | 38.6 | 38.8 | 39.3 | 38.9 | 38.9 | 39.5 | 39.3 | 39.5 | 39.4 | 39.6 | 39.3 | |
| Leather and leather products | 38.1 | 38.2 | 38.3 | 38.3 | 38.3 | 38.1 | 38.0 | 38.5 | 38.0 | 38.1 | 38.5 | 38.0 | 38.2 | 38.1 | 37.9 | 38.1 | |
| Transportation and public utilities | 28.6 | 28.8 | 28.8 | 28.6 | 28.8 | 28.6 | 28.5 | 28.9 | 28.9 | 28.9 | 29.0 | 28.7 | 28.8 | 28.8 | 28.2 | 28.7 | |
| Wholesale trade | 35.7 | 35.8 | 36.2 | 35.7 | 35.6 | 35.6 | 35.6 | 36.3 | 35.5 | 35.6 | 36.2 | 35.7 | 35.7 | 35.7 | 35.5 | 35.6 | |
| Retail trade | 32.4 | 32.5 | 32.6 | 32.4 | 32.6 | 32.4 | 32.4 | 32.7 | 32.1 | 32.5 | 32.6 | 32.3 | 32.4 | 32.3 | 32.4 | 32.4 | |
| Finance, insurance, and real estate ‡ | AGGREGATE EMPLOYEE-HOURS § | | | | | | | | | | | | | | | | |
| [Billions of hours] | | | | | | | | | | | | | | | | | |
| Seasonally adjusted: | | | | | | | | | | | | | | | | | |
| Employee-hours, wage and salary workers in nonagric. establishments, for 1 week in the month, seas adj., at annual rate | | | | | | | | | | | | | | | | | |
| Total private sector | 199.76 | 200.08 | 200.64 | 200.12 | 201.07 | 200.10 | 199.92 | 200.86 | 199.30 | 200.27 | 201.61 | 201.18 | 201.40 | *202.30 | *201.78 | 202.13 | |
| Mining | 162.91 | 163.22 | 163.39 | 162.74 | 163.97 | 162.90 | 162.69 | 163.68 | 162.53 | 163.29 | 164.40 | 163.60 | 163.87 | *164.49 | *164.05 | 164.37 | |
| Construction | 1.59 | 1.45 | 1.50 | 1.48 | 1.48 | 1.43 | 1.43 | 1.45 | 1.40 | 1.43 | 1.43 | 1.41 | 1.43 | 1.38 | 1.37 | 1.37 | |
| Manufacturing | 9.29 | 9.07 | 9.07 | 9.15 | 9.37 | 9.16 | 9.15 | 9.09 | 9.09 | 9.07 | 8.97 | 8.98 | 8.84 | *9.15 | *9.11 | 9.02 | |
| Transportation and public utilities | 39.04 | 38.69 | 38.94 | 38.91 | 39.04 | 38.79 | 38.79 | 38.55 | 38.42 | 38.42 | 38.56 | 38.54 | 38.73 | *38.84 | *38.64 | 38.63 | |
| Wholesale trade | 11.64 | 11.61 | 11.54 | 11.49 | 11.59 | 11.56 | 11.62 | 11.68 | 11.63 | 11.65 | 11.79 | 11.68 | 11.84 | *11.86 | *11.88 | 11.84 | |
| Retail trade | 12.02 | 11.89 | 11.94 | 11.94 | 11.94 | 11.86 | 11.80 | 11.90 | 11.77 | 11.83 | 11.96 | 11.87 | 11.91 | *11.89 | *11.89 | 11.90 | |
| Finance, insurance, and real estate | 28.21 | 28.67 | 28.59 | 28.52 | 28.68 | 28.49 | 28.43 | 28.64 | 28.74 | 28.77 | 28.83 | 28.94 | 28.79 | 29.00 | *28.79 | 28.90 | |
| Services | 12.43 | 12.46 | 12.63 | 12.36 | 12.49 | 12.38 | 12.26 | 12.58 | 12.32 | 12.43 | 12.65 | 12.40 | 12.43 | 12.35 | *12.35 | 12.40 | |
| Government | 48.29 | 49.38 | 49.18 | 48.90 | 49.39 | 49.23 | 49.21 | 49.79 | 49.17 | 49.70 | 50.20 | 49.78 | 49.89 | *50.02 | *50.03 | 50.31 | |
| Indexes of employee-hours (aggregate weekly): ◊ | 36.84 | 36.86 | 37.25 | 37.38 | 37.10 | 37.20 | 37.23 | 37.17 | 36.77 | 36.98 | 37.21 | 37.58 | 37.54 | *37.81 | *37.73 | 37.77 | |
| [1982=100] | | | | | | | | | | | | | | | | | |
| Private nonfarm payrolls, total | 120.5 | 121.1 | 121.0 | 120.7 | 121.7 | 120.8 | 121.7 | 120.5 | 121.4 | 122.1 | 121.3 | 121.3 | 122.0 | *122.4 | *121.8 | 122.3 | |
| Goods-producing | 103.8 | 102.9 | 103.5 | 103.6 | 104.6 | 103.3 | 102.8 | 102.1 | 102.3 | | | | | | | | |

| | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|--------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| 5. LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued | | | | | | | | | | | | | | | | |
| HOURLY AND WEEKLY EARNINGS \$ | | | | | | | | | | | | | | | | |
| [Dollars] | | | | | | | | | | | | | | | | |
| Average hourly earnings per worker, not seas. adj.: ◊ | | | | | | | | | | | | | | | | |
| Private nonfarm payrolls | 10.33 | 10.59 | 10.54 | 10.54 | 10.55 | 10.53 | 10.53 | 10.56 | 10.66 | 10.69 | 10.73 | 10.71 | 10.78 | 10.78 | *10.80 | 10.81 |
| Mining | 14.18 | 14.51 | 14.54 | 14.52 | 14.45 | 14.51 | 14.47 | 14.45 | 14.57 | 14.44 | 14.58 | 14.55 | 14.69 | *14.57 | *14.66 | 14.80 |
| Construction | 13.99 | 14.11 | 14.03 | 14.02 | 14.05 | 14.09 | 14.05 | 14.20 | 14.18 | 14.25 | 14.20 | 14.23 | 14.16 | 14.07 | *14.23 | 14.21 |
| Manufacturing | 11.18 | 11.45 | 11.36 | 11.41 | 11.44 | 11.45 | 11.46 | 11.44 | 11.53 | 11.49 | 11.54 | 11.63 | 11.61 | *11.61 | *11.63 | 11.71 |
| Excluding overtime | 10.71 | 10.94 | 10.89 | 10.96 | 10.94 | 10.93 | 10.96 | 10.91 | 11.00 | 10.95 | 11.00 | 11.07 | 11.10 | *11.10 | *11.13 | 11.19 |
| Durable goods | 11.75 | 12.02 | 11.92 | 11.95 | 12.02 | 12.04 | 12.03 | 12.04 | 12.09 | 12.07 | 12.12 | 12.22 | 12.19 | *12.20 | *12.20 | 12.26 |
| Excluding overtime | 11.27 | 11.50 | 11.44 | 11.49 | 11.49 | 11.50 | 11.52 | 11.49 | 11.57 | 11.52 | 11.56 | 11.62 | 11.59 | *11.65 | *11.67 | 11.71 |
| Lumber and wood products | 9.24 | 9.43 | 9.34 | 9.35 | 9.40 | 9.41 | 9.46 | 9.49 | 9.48 | 9.52 | 9.52 | 9.50 | 9.45 | *9.50 | *9.48 | 9.46 |
| Furniture and fixtures | 8.76 | 9.00 | 8.89 | 8.91 | 8.95 | 8.99 | 9.00 | 9.04 | 9.09 | 9.10 | 9.08 | 9.13 | 9.14 | *9.10 | *9.11 | 9.14 |
| Stone, clay, and glass products | 11.37 | 11.64 | 11.49 | 11.60 | 11.65 | 11.66 | 11.68 | 11.68 | 11.83 | 11.74 | 11.71 | 11.68 | 11.67 | *11.71 | *11.73 | 11.84 |
| Primary metal industries | 13.34 | 13.67 | 13.48 | 13.64 | 13.65 | 13.69 | 13.77 | 13.74 | 13.93 | 13.73 | 13.76 | 13.82 | 13.76 | *13.83 | *13.78 | 13.97 |
| Fabricated metal products | 11.19 | 11.41 | 11.34 | 11.40 | 11.43 | 11.43 | 11.39 | 11.41 | 11.43 | 11.42 | 11.47 | 11.59 | 11.53 | *11.54 | *11.53 | 11.63 |
| Industrial machinery and equipment | 12.16 | 12.43 | 12.33 | 12.30 | 12.38 | 12.44 | 12.49 | 12.45 | 12.49 | 12.51 | 12.57 | 12.66 | 12.61 | *12.64 | *12.61 | 12.88 |
| Electronic and other electrical equipment | 10.71 | 11.01 | 10.92 | 10.98 | 10.99 | 11.05 | 11.05 | 11.03 | 11.05 | 11.04 | 11.06 | 11.14 | 11.14 | *11.11 | *11.11 | 11.19 |
| Transportation equipment | 14.74 | 15.16 | 14.99 | 14.97 | 15.17 | 15.18 | 15.12 | 15.21 | 15.27 | 15.28 | 15.36 | 15.50 | 15.43 | *15.47 | *15.58 | 15.60 |
| Instruments and related products | 11.65 | 11.93 | 11.84 | 11.88 | 11.86 | 11.90 | 11.93 | 11.93 | 12.03 | 12.04 | 12.10 | 12.16 | 12.13 | *12.14 | *12.19 | 12.25 |
| Miscellaneous manufacturing | 8.85 | 9.14 | 9.11 | 9.13 | 9.10 | 9.12 | 9.11 | 9.08 | 9.13 | 9.19 | 9.23 | 9.32 | 9.33 | *9.31 | *9.27 | 9.33 |
| Nonurable goods | 10.44 | 10.71 | 10.63 | 10.71 | 10.69 | 10.69 | 10.73 | 10.70 | 10.82 | 10.74 | 10.81 | 10.87 | 10.86 | 10.85 | 10.88 | 11.00 |
| Excluding overtime | 9.98 | 10.23 | 10.18 | 10.27 | 10.22 | 10.20 | 10.24 | 10.18 | 10.29 | 10.22 | 10.29 | 10.36 | 10.38 | 10.38 | 10.42 | 10.51 |
| Food and kindred products | 9.90 | 10.19 | 10.13 | 10.20 | 10.23 | 10.21 | 10.18 | 10.13 | 10.22 | 10.12 | 10.30 | 10.36 | 10.30 | *10.28 | *10.32 | 10.45 |
| Tobacco manufactures | 16.68 | 16.69 | 16.76 | 17.25 | 17.52 | 18.13 | 18.38 | 16.20 | 16.02 | 15.73 | 17.33 | 16.00 | 15.55 | *16.13 | *16.90 | 17.56 |
| Textile mill products | 8.30 | 8.60 | 8.51 | 8.56 | 8.58 | 8.60 | 8.60 | 8.62 | 8.68 | 8.66 | 8.70 | 8.77 | 8.80 | 8.82 | 8.76 | 8.91 |
| Apparel and other textile products | 6.77 | 6.95 | 6.87 | 6.98 | 6.96 | 6.97 | 6.94 | 6.96 | 7.00 | 6.98 | 6.97 | 7.04 | 7.05 | 7.04 | *7.05 | 7.10 |
| Paper and allied products | 12.73 | 13.09 | 12.95 | 13.02 | 13.05 | 13.03 | 13.13 | 13.07 | 13.35 | 13.16 | 13.20 | 13.29 | 13.18 | 13.20 | 13.24 | 13.43 |
| Printing and publishing | 11.49 | 11.75 | 11.68 | 11.64 | 11.66 | 11.67 | 11.76 | 11.79 | 11.93 | 11.87 | 11.85 | 11.89 | 11.85 | *11.84 | *11.87 | 11.88 |
| Chemicals and allied products | 14.02 | 14.45 | 14.26 | 14.39 | 14.39 | 14.38 | 14.49 | 14.47 | 14.64 | 14.57 | 14.64 | 14.72 | 14.69 | *14.71 | *14.66 | 14.81 |
| Petroleum and coal products | 17.03 | 17.87 | 17.96 | 17.92 | 17.97 | 17.62 | 17.70 | 17.72 | 17.93 | 18.05 | 18.21 | 18.06 | 18.34 | *18.36 | *18.72 | 18.82 |
| Rubber and misc. plastics products | 10.07 | 10.37 | 10.27 | 10.33 | 10.33 | 10.36 | 10.39 | 10.38 | 10.46 | 10.44 | 10.45 | 10.54 | 10.55 | *10.54 | *10.50 | 10.64 |
| Leather and leather products | 7.18 | 7.40 | 7.44 | 7.47 | 7.41 | 7.41 | 7.28 | 7.36 | 7.35 | 7.36 | 7.42 | 7.48 | 7.46 | 7.46 | *7.50 | 7.58 |
| Transportation and public utilities | 13.24 | 13.49 | 13.38 | 13.43 | 13.39 | 13.40 | 13.43 | 13.50 | 13.61 | 13.59 | 13.65 | 13.60 | 13.61 | *13.62 | *13.69 | 13.65 |
| Wholesale trade | 11.15 | 11.40 | 11.34 | 11.34 | 11.35 | 11.33 | 11.38 | 11.43 | 11.46 | 11.46 | 11.53 | 11.53 | 11.61 | 11.62 | *11.60 | 11.72 |
| Retail trade | 6.95 | 7.14 | 7.11 | 7.12 | 7.12 | 7.10 | 7.10 | 7.10 | 7.21 | 7.19 | 7.21 | 7.19 | 7.26 | *7.26 | *7.26 | 7.27 |
| Finance, insurance, and real estate | 10.40 | 10.82 | 10.80 | 10.75 | 10.76 | 10.70 | 10.73 | 10.84 | 10.84 | 10.91 | 11.06 | 11.04 | 11.14 | 11.20 | *11.17 | 11.20 |
| Services | 10.22 | 10.54 | 10.53 | 10.50 | 10.47 | 10.42 | 10.41 | 10.45 | 10.61 | 10.63 | 10.72 | 10.75 | 10.81 | 10.82 | *10.80 | 10.77 |
| Average hourly earnings per worker, seas. adj.: ◊ | | | | | | | | | | | | | | | | |
| Private nonfarm payrolls | 10.33 | 10.59 | 10.55 | 10.52 | 10.56 | 10.58 | 10.58 | 10.66 | 10.63 | 10.65 | 10.71 | 10.69 | 10.73 | *10.76 | *10.79 | 10.79 |
| Mining | 14.18 | 14.51 | 14.50 | 14.46 | 14.49 | 14.52 | 14.50 | 14.55 | 14.54 | 14.59 | 14.67 | 14.46 | 14.54 | *14.48 | *14.60 | 14.74 |
| Construction | 13.99 | 14.11 | 14.06 | 14.03 | 14.09 | 14.20 | 14.11 | 14.21 | 14.07 | 14.15 | 14.20 | 14.16 | 14.12 | *14.14 | *14.26 | 14.24 |
| Manufacturing | 11.18 | 11.45 | 11.37 | 11.42 | 11.44 | 11.44 | 11.45 | 11.51 | 11.51 | 11.51 | 11.54 | 11.57 | 11.60 | *11.64 | *11.64 | 11.71 |
| Transportation and public utilities | 13.24 | 13.49 | 13.41 | 13.43 | 13.44 | 13.47 | 13.43 | 13.53 | 13.56 | 13.56 | 13.65 | 13.57 | 13.58 | *13.57 | *13.72 | 13.65 |
| Wholesale trade | 11.15 | 11.40 | 11.35 | 11.29 | 11.37 | 11.38 | 11.38 | 11.51 | 11.44 | 11.48 | 11.53 | 11.47 | 11.59 | 11.59 | *11.60 | 11.68 |
| Retail trade | 6.95 | 7.14 | 7.12 | 7.09 | 7.12 | 7.11 | 7.14 | 7.16 | 7.18 | 7.18 | 7.19 | 7.20 | 7.22 | *7.25 | *7.25 | 7.26 |
| Finance, insurance, and real estate | 10.40 | 10.82 | 10.78 | 10.68 | 10.76 | 10.76 | 10.76 | 10.96 | 10.84 | 10.92 | 11.09 | 11.00 | 11.10 | 11.11 | *11.13 | 11.14 |
| Services | 10.22 | 10.54 | 10.50 | 10.46 | 10.49 | 10.53 | 10.53 | 10.61 | 10.59 | 10.61 | 10.68 | 10.66 | 10.73 | 10.74 | *10.76 | 10.73 |
| [Dollars per hour] | | | | | | | | | | | | | | | | |
| Hourly wages, not seasonally adjusted: | | | | | | | | | | | | | | | | |
| Construction wages, 20 cities (ENR): \$§ | | | | | | | | | | | | | | | | |
| Common labor | 18.88 | 19.46 | 19.24 | 19.30 | 19.32 | 19.32 | 19.45 | 19.67 | 19.73 | 19.73 | 19.75 | 19.75 | 19.75 | 19.75 | 19.81 | 19.81 |
| Skilled labor | 24.76 | 25.47 | 25.18 | 25.21 | 25.27 | 25.30 | 25.49 | 25.68 | 25.75 | 25.76 | 25.81 | 25.83 | 25.83 | 25.83 | 25.89 | 25.89 |
| Railroad wages (average, class I) | 15.68 | 16.66 | 16.61 | 17.10 | 16.91 | 16.67 | 16.34 | 16.41 | 16.62 | 16.73 | 16.87 | 16.68 | 16.96 | *17.23 | 17.08 | |
| [Dollars] | | | | | | | | | | | | | | | | |
| Avg. weekly earnings per worker, private nonfarm: ◊ | | | | | | | | | | | | | | | | |
| Current dollars, seasonally adjusted | 354.32 | 364.30 | 363.98 | 360.84 | 365.38 | 362.89 | 362.89 | 368.84 | 364.61 | 367.43 | 370.57 | 366.67 | 370.19 | *370.14 | *370.10 | 371.18 |
| 1992 dollars, seasonally adjusted ‡ | 255.64 | 255.47 | 257.23 | 254.29 | 257.13 | 254.84 | 254.12 | 257.75 | 254.44 | 255.34 | 256.98 | 253.93 | 255.30 | *254.39 | *253.84 | 253.71 |
| Current dollars, not seasonally adjusted: | | | | | | | | | | | | | | | | |
| Private nonfarm, total | 354.32 | 364.30 | 361.52 | 360.47 | 362.92 | 364.34 | 364.34 | 369.60 | 365.64 | 368.81 | 371.26 | 369.50 | 366.52 | 368.68 | *367.20 | 369.70 |
| Mining | 629.59 | 638.44 | 636.85 | 633.07 | 634.36 | 635.54 | 625.10 | 643.03 | 641.08 | 641.14 | 651.73 | 646.02 | 647.83 | 637.15 | 632.28 | |
| Construction | 533.02 | 536.18 | 523.32 | 535.56 | 546.55 | 548.10 | 546.55 | 553.80 | 526.08 | 555.75 | 532.50 | 529.36 | 511.18 | *514.96 | *532.20 | 535.72 |
| Manufacturing | 455.03 | 469.45 | 464.62 | 460.96 | 470.18 | 471.74 | 466.42 | 470.18 | 472.73 | 474.54 | 480.06 | 487.30 | 477.17 | *477.17 | 475.67 | 478.94 |
| Durable goods | 482.93 | 498.83 | 493.49 | 489.95 | 501.23 | 503.27 | 495.64 | 499.66 | 496.90 | 504.53 | 510.25 | 520.57 | 508.32 | *508.74 | 508.74 | 510.02 |
| Nonurable goods | 419.69 | 432.68 | 427.33 | 425.19 | 430.81 | 432.95 | 430.27 | 434.42 | 441.46 | 437.12 | 442.13 | 446.76 | 438.74 | 436.17 | 435.20 | 441.10 |
| Transportation and public utilities | 512.39 | 523.41 | 511.12 | 513.03 | 518.19 | 521.26 | 526.46 | 533.25 | 532.15 | 530.01 | 539.18 | 533.12 | 529.43 | *532.54 | *536.65 | 535.08 |
| Wholesale trade | 424.82 | 435.48 | 433.19 | 433.19 | 434.71 | 432.81 | 434.72 | 440.06 | 436.63 | 437.77 | 442.75 | 440.45 | 440.02 | 440.40 | *438.48 | 445.36 |
| Retail trade | 198.77 | 205.63 | 201.92 | 203.63 | 204.34 | 205.90 | 208.03 | 210.16 | 209.09 | 206.35 | 206.93 | 209.95 | 203.28 | *204.73 | *201.83 | 207.20 |
| Finance, insurance, and real estate | 371.28 | 387.36 | 390.96 | 383.78 | 383.06 | 380.92 | 381.99 | 393.49 | 384.82 | 388.40 | 400.37 | 394.13 | 397.70 | 399.84 | *396.54 | 398.72 |
| Services | 331.13 | 342.55 | 342.23 | 339.15 | 339.23 | 338.65 | 340.41 | 344.85 | 341.64 | 344.41 | 349.47 | 347.23 | 347.00 | 349.49 | *348.84 | 347.87 |
| EMPLOYMENT COST INDEX | | | | | | | | | | | | | | | | |
| [June 1989=100] | | | | | | | | | | | | | | | | |
| Total compensation: | | | | | | | | | | | | | | | | |
| Civilian workers † | | | 113.5 | | | 114.2 | | | 115.4 | | | 116.1 | | | | |

SURVEY OF CURRENT BUSINESS

May 1993 • S-13

Unless otherwise stated in footnotes below, data through 1991 and methodological notes are as shown in BUSINESS STATISTICS, 1983-91

| | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|---|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| 5. LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued | | | | | | | | | | | | | | | | |
| WORK STOPPAGES | | | | | | | | | | | | | | | | |
| Work stoppages involving 1,000 or more workers: | | | | | | | | | | | | | | | | |
| Number of stoppages: | | | | | | | | | | | | | | | | |
| Beginning in month or year, number | 40 | 35 | 1 | 4 | 6 | 6 | 1 | 3 | 8 | 5 | 0 | 0 | 2 | 1 | 4 | 2 |
| Workers involved in stoppages: | | | | | | | | | | | | | | | | |
| Beginning in month or year, thousands | 392 | 364 | 3 | 15 | 10 | 243 | 4 | 57 | 16 | 14 | 0 | 0 | 22 | 5 | 12 | 13 |
| Days idle during month or year, thousands | 4,584 | 3,989 | 367 | 414 | 322 | 741 | 157 | 214 | 578 | 281 | 99 | 48 | 56 | 139 | 113 | 112 |
| UNEMPLOYMENT INSURANCE † | | | | | | | | | | | | | | | | |
| State programs: | | | | | | | | | | | | | | | | |
| Initial claims, thousands | 22,975 | 20,986 | 1,756 | 1,636 | 1,395 | 1,630 | 2,015 | 1,420 | 1,405 | 1,428 | 1,518 | 2,020 | 2,048 | 1,408 | 1,505 | 1,372 |
| Average weekly insured unemployment, thousands | 3,281 | 3,167 | 3,958 | 3,485 | 3,062 | 3,004 | 2,978 | 2,955 | 2,658 | 2,384 | 2,518 | 2,906 | 3,234 | 3,187 | 3,238 | 2,796 |
| Rate of insured unemployment, percent @ | 3.1 | 3.0 | 3.8 | 3.3 | 2.9 | 2.9 | 2.9 | 2.8 | 2.6 | 2.3 | 2.4 | 2.8 | 3.1 | 3.1 | 3.1 | 2.7 |
| Total benefits paid, mil. \$ | 25,279 | 24,967 | 2,649 | 2,382 | 1,932 | 1,969 | 2,033 | 1,883 | 1,761 | 1,585 | 1,584 | 2,019 | 2,060 | 2,010 | 2,344 | 1,944 |
| Weeks of unemployment compensated, thousands | 153,063 | 147,938 | 15,681 | 14,116 | 11,460 | 11,706 | 12,160 | 11,055 | 10,375 | 9,304 | 9,278 | 11,865 | 12,011 | 11,519 | 13,350 | 11,112 |
| Average weekly benefit, dollars | 171.18 | 175.16 | 174.91 | 175.10 | 175.04 | 174.53 | 172.94 | 175.60 | 175.86 | 176.67 | 177.17 | 176.88 | 178.69 | 180.89 | 182.16 | 181.98 |
| Federal civilian employees unemployment insurance (UCFE): | | | | | | | | | | | | | | | | |
| Initial claims, thousands | 135.8 | 146.2 | 9.3 | 10.1 | 9.6 | 13.7 | 17.7 | 10.3 | 12.0 | 15.3 | 11.7 | 12.4 | 13.0 | 9.5 | 9.2 | 10.2 |
| Average weekly insured unemployment, thousands | 29.9 | 31.7 | 32.3 | 27.6 | 25.3 | 27.2 | 31.3 | 33.6 | 32.1 | 31.6 | 33.4 | 35.6 | 33.9 | 33.5 | 32.9 | 28.1 |
| Total benefits paid, mil. \$ | 211.3 | 243.1 | 20.8 | 18.1 | 15.8 | 17.7 | 20.3 | 20.9 | 20.9 | 20.0 | 20.5 | 24.8 | 21.7 | 21.4 | 24.9 | 20.1 |
| Weeks of unemployment compensated, thousands | 1,356.7 | 1,484.2 | 126.4 | 109.5 | 96.2 | 107.7 | 124.8 | 130.2 | 128.9 | 123.4 | 123.2 | 147.8 | 127.5 | 121.1 | 136.4 | 110.9 |
| Average weekly benefit, dollars | 155.73 | 163.74 | 164.29 | 164.89 | 164.18 | 164.20 | 162.29 | 160.48 | 161.95 | 162.30 | 166.56 | 167.52 | 170.58 | 176.91 | 182.77 | 180.90 |
| Veterans unemployment insurance (UCX): | | | | | | | | | | | | | | | | |
| Initial claims, thousands | 152.8 | 260.5 | 19.5 | 18.6 | 17.5 | 21.7 | 25.0 | 24.4 | 26.1 | 25.2 | 18.3 | 20.7 | 21.9 | 17.2 | 19.1 | 17.3 |
| Average weekly insured unemployment, thousands | 22.2 | 60.1 | 58.8 | 55.9 | 53.4 | 55.9 | 56.6 | 61.2 | 65.4 | 65.3 | 67.5 | 70.1 | 68.2 | 68.5 | 65.9 | 59.5 |
| Total benefits paid, mil. \$ | 165.8 | 541.9 | 42.9 | 41.3 | 38.0 | 41.3 | 43.9 | 44.3 | 49.7 | 51.4 | 51.4 | 58.8 | 52.4 | 50.5 | 54.6 | 47.7 |
| Weeks of unemployment compensated, thousands | 918.0 | 2,853.3 | 231.1 | 223.5 | 204.8 | 220.3 | 231.2 | 231.6 | 255.6 | 263.5 | 261.5 | 301.7 | 267.1 | 255.0 | 277.0 | 243.1 |
| Average weekly benefit, dollars | 179.59 | 189.50 | 185.62 | 184.91 | 185.70 | 187.42 | 189.79 | 191.29 | 194.52 | 195.04 | 196.56 | 194.72 | 196.23 | 197.85 | 197.22 | 196.13 |

6. FINANCE

| BANKING | | | | | | | | | | | | | | | | |
|---|-----------|-----------|-----------|-----------|---------|---------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|
| <i>(Millions of dollars)</i> | | | | | | | | | | | | | | | | |
| Open market paper outstanding, end of period: | | | | | | | | | | | | | | | | |
| Bankers' acceptances | | | | | | | | | | | | | | | | |
| Commercial and financial company paper, total | 528,124 | 545,136 | 538,493 | 547,577 | 537,791 | 545,940 | 544,077 | 541,260 | 550,643 | 551,480 | 556,558 | 545,136 | 545,054 | 536,535 | 535,850 | ..... |
| Financial companies | 403,556 | 408,199 | 402,171 | 401,522 | 395,120 | 406,624 | 404,024 | 402,192 | 414,001 | 405,835 | 407,499 | 408,199 | 400,174 | 389,259 | 393,230 | ..... |
| Dealer placed | 221,093 | 236,250 | 221,578 | 227,272 | 223,948 | 235,243 | 227,307 | 229,550 | 236,351 | 223,177 | 227,502 | 236,250 | 216,553 | 209,228 | 221,271 | ..... |
| Directly placed | 182,463 | 171,949 | 180,593 | 174,250 | 171,172 | 171,381 | 176,717 | 172,642 | 177,650 | 182,658 | 179,997 | 171,949 | 183,621 | 180,031 | 171,959 | ..... |
| Nonfinancial companies | 124,568 | 136,937 | 136,322 | 146,055 | 142,671 | 139,316 | 140,053 | 139,068 | 136,642 | 145,645 | 149,059 | 136,937 | 144,880 | 147,276 | 142,620 | ..... |
| Loans of the Farm Credit System: | | | | | | | | | | | | | | | | |
| Total, end of period | | | | | | | | | | | | | | | | |
| Long-term real estate loans | 28,767 | ..... | 28,776 | ..... | ..... | 28,775 | ..... | ..... | 28,815 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Short-term and intermediate-term loans | 11,223 | ..... | 10,650 | ..... | ..... | 11,398 | ..... | ..... | 11,505 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Loans to cooperatives | 11,467 | ..... | 12,671 | ..... | ..... | 12,069 | ..... | ..... | 12,047 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Federal Reserve banks, condition, end of period: | | | | | | | | | | | | | | | | |
| Assets, total # | | | | | | | | | | | | | | | | |
| Reserve bank credit outstanding, total # | 289,394 | 312,234 | 274,013 | 274,830 | 277,354 | 283,729 | 282,069 | 288,180 | 303,724 | 288,917 | 301,688 | 312,234 | 302,531 | 307,615 | 312,073 | 311,133 |
| Loans | 218 | 675 | 52 | 115 | 150 | 1,358 | 256 | 244 | 609 | 90 | 35 | 675 | 35 | 57 | 753 | 84 |
| U.S. Government securities | 281,831 | 302,474 | 267,601 | 267,945 | 271,052 | 276,883 | 275,969 | 282,153 | 296,397 | 282,877 | 295,952 | 302,474 | 296,977 | 301,490 | 305,217 | 305,381 |
| Gold certificate account | 11,059 | 11,056 | 11,057 | 11,057 | 11,057 | 11,060 | 11,060 | 11,059 | 11,059 | 11,060 | 11,059 | 11,056 | 11,055 | 11,055 | 11,055 | 11,055 |
| Liabilities, total # | 353,061 | 367,901 | 335,971 | 332,011 | 332,729 | 344,466 | 347,656 | 343,638 | 364,084 | 346,817 | 355,187 | 367,901 | 357,552 | 362,126 | 368,587 | 368,742 |
| Deposits, total | 49,783 | 40,148 | 36,952 | 32,960 | 29,527 | 36,839 | 40,270 | 36,206 | 53,094 | 34,484 | 37,841 | 40,148 | 37,632 | 39,034 | 41,917 | 38,365 |
| Member-bank reserve balances | 29,413 | 32,079 | 29,480 | 27,801 | 23,503 | 22,740 | 25,302 | 29,422 | 27,865 | 29,339 | 30,349 | 32,079 | 27,533 | 33,085 | 34,333 | 30,579 |
| Federal Reserve notes in circulation | 287,906 | 314,208 | 283,383 | 286,457 | 289,684 | 290,772 | 294,107 | 295,876 | 297,609 | 300,010 | 306,863 | 314,208 | 306,111 | 309,080 | 312,263 | 315,270 |
| All member banks of Federal Reserve System, averages of daily figures: | | | | | | | | | | | | | | | | |
| Reserves held, total | | | | | | | | | | | | | | | | |
| Required | 54,553 | 55,385 | 55,254 | 49,318 | 47,825 | 48,584 | 48,857 | 49,227 | 50,527 | 52,062 | 53,624 | 55,385 | 54,744 | 52,778 | 53,083 | 55,445 |
| Excess | 979 | 1,155 | 1,028 | 1,137 | 1,000 | 913 | 965 | 935 | 994 | 1,074 | 1,043 | 1,155 | 1,260 | 1,104 | 1,213 | 1,101 |
| Borrowings from Federal Reserve banks | 192 | 124 | 91 | 90 | 155 | 229 | 284 | 251 | 287 | 143 | 104 | 124 | 165 | 45 | 91 | 73 |
| Free reserves | 788 | 1,032 | 939 | 1,049 | 845 | 684 | 681 | 684 | 707 | 931 | 939 | 1,032 | 1,096 | 1,059 | 1,122 | 1,028 |
| Large commercial banks reporting to Federal Reserve System, last Wed. of mo.: | | | | | | | | | | | | | | | | |
| Deposits: | | | | | | | | | | | | | | | | |
| Demand, total # | | | | | | | | | | | | | | | | |
| Individuals, partnerships, and corporations | 204,158 | 243,168 | 188,976 | 194,581 | 194,793 | 187,252 | 194,223 | 193,149 | 215,316 | 206,700 | 222,024 | 243,168 | 203,509 | 204,865 | 221,791 | 220,655 |
| States and political subdivisions | 8,845 | 9,974 | 8,059 | 8,107 | 8,031 | 8,985 | 7,747 | 7,784 | 8,484 | 8,245 | 9,868 | 9,974 | 9,487 | 8,917 | 8,899 | 9,217 |
| U.S. Government | 2,158 | 3,434 | 1,535 | 3,544 | 1,411 | 2,162 | 1,790 | 1,749 | 2,359 | 1,471 | 2,665 | 3,434 | 2,077 | 2,388 | 2,345 | 2,736 |
| Depository institutions in U.S. | 23,508 | 25,795 | 21,004 | 21,629 | 24,959 | 21,221 | 20,731 | 20,546 | 21,839 | 22,557 | 25,750 | 25,795 | 22,108 | 21,429 | 20,470 | 23,057 |
| Transaction balances other than demand deposits | 101,757 | 120,816 | 102,383 | 101,466 | 101,775 | 100,711 | 102,188 | 103,318 | 106,316 | 110,515 | 113,744 | 120,816 | 114,177 | 114,443 | 119,190 | 114,974 |
| Nontransaction balances, total | 788,004 | 728,182 | 774,935 | 771,221 | 767,467 | 758,296 | 754,062 | 749,281 | 739,351 | 736,595 | 734,304 | 728,182 | 724,254 | 723,700 | 714,834 | 714,458 |
| Individuals, partnerships, and corporations | 758,036 | 703,912 | 744,372 | 740,092 | 735,992 | 729,710 | 726,714 | 721,372 | 713,747 | 710,088 | 707,478 | 703,912 | 699,468 | 697,876 | 692,331 | 689,962 |
| Loans and leases (adjusted), total \$ | 1,027,027 | 1,007,149 | 1,015,170 | 1,014,895 | 999,071 | 996,078 | 984,175 | 983,304 | 936,072 | 989,342 | 995,217 | 1,007,149 | 990,412 | 988,383 | 986,435 | 989,290 |
| Commercial and industrial | 294,246 | 279,851 | 289,163 | 286,598 | 283,940 | 280,193 | 276,467 | 274,996 | 278,594 | 276,773 | 280,808 | 279,851 | 276,984 | 276,776 | 277,472 | 275,683 |
| For purchasing and carrying securities | 14,817 | 15,636 | 14,197 | 14,096 | 14,034 | 14,198 | 14,620 | 15,736 | 15,932 | 16,281 | 16,323 | 15,636 | 14,479 | 17,157 | 15,633 | 15,632 |
| To nonbank depository and other financial | 23,123 | 21,630 | 22,499 | 21,961 | 21,372 | 20,671 | 20,185 | 20,116 | 21,665 | 21,519 | 22,234 | 21,630 | 19,899 | 18,141 | 19,112 | 19,619 |
| Real estate loans | 402,887 | 404,188 | 400,247 | 403,272 | 400,688 | 399,491 | 397,707 | 395,266 | 396,927 | 398,901 | 399,784 | 404,188 | 398,451 | 394,593 | 395,060 | 395,675 |
| To States and political subdivisions | 17,876 | 14,823 | 17,167 | 16,822 | 16,972 | 16,380 | 15,719 | 15,606 | 15,631 | 15,239 | 15,000 | 14,823 | 14,402 | 14,260 | 14,035 | 13,794 |
| Other loans | 274,078 | 271,021 | 271,897 | 272,146 | 262,065 | 265,145 | 259,477 | 261,584 | 207,323 | 260,649 | 261,068 | 271,021 | 266,197 | 267,456 | 265,123 | 268,887 |
| Investments, total | 282,554 | 324,790 | 293,551 | 291,547 | 292,835 | 298,786 | 302,190 | 315,333 | 378,429 | 321,659 | 327,916 | 324,790 | 324,481 | 331,550 | 340,413 | 344,398 |
| U.S. Treasury and government agency securities, total | 225,344 | 269,839 | 239,304 | 237,039 | 239,486 | 245,996 | 248,189 | 259,952 | 267,891 | 266,417 | 273,053 | 269,839 | 268,574 | 275,642 | 283,361 | 288,366 |
| Investment account | 206,837 | 251,345 | 215,998 | 214,340 | 218,174 | 226,889 | 229,185 | 246,364 | 246,763 | 244,183 | 247,955 | 251,345 | 247,999 | 255,136 | 264,341 | 264,465 |
| Other securities | 57,210 | 54,951 | 54,247 | 54,508 | 53,349 | 52,790 | 54,001 | 55,381 | 55,005 | 55,242 | 54,863 | 54,951 | 55,907 | 55,908 | 57,052 | |

Unless otherwise stated in footnotes below, data through 1991 and methodological notes are as shown in BUSINESS STATISTICS, 1963-91

| | Annual | | 1992 | | | | | | | | | | | | 1993 | | | |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|--|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | | |
| 6. FINANCE—Continued | | | | | | | | | | | | | | | | | | |
| BANKING—Continued | | | | | | | | | | | | | | | | | | |
| <i>[Billions of dollars]</i> | | | | | | | | | | | | | | | | | | |
| Commercial bank credit, seas. adj.: \$ | | | | | | | | | | | | | | | | | | |
| Total loans and securities ◊ | 2,838.7 | 2,943.2 | 2,862.7 | 2,874.3 | 2,875.3 | 2,882.8 | 2,886.9 | 2,902.2 | 2,918.2 | 2,930.1 | 2,937.2 | 2,943.2 | 2,939.3 | 2,944.0 | 2,957.5 | | | |
| U.S. Government securities | 562.6 | 659.6 | 579.6 | 590.8 | 600.2 | 610.7 | 619.2 | 632.6 | 640.8 | 648.7 | 653.4 | 659.6 | 659.8 | 670.3 | 684.9 | | | |
| Other securities | 179.4 | 176.4 | 178.5 | 178.5 | 176.9 | 175.8 | 177.9 | 178.2 | 178.4 | 179.5 | 177.7 | 176.4 | 174.2 | 175.6 | 177.6 | | | |
| Total loans and leases ◊ | 2,096.6 | 2,107.2 | 2,104.5 | 2,104.9 | 2,098.2 | 2,096.2 | 2,089.8 | 2,091.4 | 2,099.0 | 2,101.9 | 2,106.1 | 2,107.2 | 2,105.2 | 2,098.1 | 2,095.0 | | | |
| <i>[Percent]</i> | | | | | | | | | | | | | | | | | | |
| Money and interest rates: | | | | | | | | | | | | | | | | | | |
| Prime rate charged by banks on short-term business loans | 8.46 | 6.25 | 6.50 | 6.50 | 6.50 | 6.50 | 6.02 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | | |
| Discount rate (New York Federal Reserve Bank) @ | 5.45 | 3.25 | 3.50 | 3.50 | 3.50 | 3.50 | 3.02 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | | |
| Federal intermediate credit bank loans | | | | | | | | | | | | | | | | | | |
| Home mortgage rates (conventional 1st mortgages): | | | | | | | | | | | | | | | | | | |
| New home purchase (U.S. avg.) | 9.01 | 7.98 | 8.21 | 8.26 | 8.30 | 8.15 | 7.81 | 7.72 | 7.68 | 7.65 | 7.81 | 7.65 | 7.57 | 7.52 | 7.22 | | | |
| Existing home purchase (U.S. avg.) | 9.04 | 7.84 | 8.14 | 8.26 | 8.20 | 8.04 | 7.78 | 7.58 | 7.44 | 7.40 | 7.49 | 7.53 | 7.49 | 7.28 | 7.17 | | | |
| Open market rates, New York City: | | | | | | | | | | | | | | | | | | |
| Bankers' acceptances, 3-month | 5.70 | 3.62 | 4.19 | 3.92 | 3.76 | 3.80 | 3.32 | 3.28 | 3.10 | 3.19 | 3.51 | 3.44 | 3.14 | 3.06 | 3.07 | | | |
| Commercial paper, 6-month | 5.85 | 3.80 | 4.38 | 4.13 | 3.97 | 3.99 | 3.53 | 3.44 | 3.26 | 3.33 | 3.67 | 3.70 | 3.35 | 3.27 | 3.24 | | | |
| Finance co. paper placed directly, 6-mo | 5.60 | 3.63 | 4.15 | 3.89 | 3.77 | 3.80 | 3.35 | 3.29 | 3.11 | 3.23 | 3.56 | 3.52 | 3.29 | 3.21 | 3.14 | | | |
| Yield on U.S. Gov. securities (taxable): | | | | | | | | | | | | | | | | | | |
| 3-month bills (rate on new issue) | 5.420 | 3.450 | 4.050 | 3.810 | 3.660 | 3.700 | 3.280 | 3.140 | 2.970 | 2.840 | 3.140 | 3.250 | 3.060 | 2.950 | 2.970 | | | |
| CONSUMER INSTALLMENT CREDIT † | | | | | | | | | | | | | | | | | | |
| <i>[Millions of dollars]</i> | | | | | | | | | | | | | | | | | | |
| Not seasonally adjusted: | | | | | | | | | | | | | | | | | | |
| Total outstanding (end of period) # | 749,052 | 756,944 | 727,624 | 726,204 | 725,317 | 727,478 | 726,917 | 731,954 | 734,884 | 734,766 | 737,651 | 756,944 | 749,153 | 746,914 | 745,187 | | | |
| By major holder: | | | | | | | | | | | | | | | | | | |
| Commercial banks | 340,713 | 331,869 | 328,529 | 328,184 | 327,072 | 326,502 | 326,849 | 327,170 | 327,437 | 326,472 | 325,149 | 331,869 | 330,355 | 330,060 | 330,198 | | | |
| Finance companies | 121,937 | 117,127 | 118,367 | 118,395 | 116,168 | 116,661 | 117,024 | 117,230 | 116,669 | 116,359 | 116,558 | 116,009 | 116,009 | 112,686 | 111,854 | | | |
| Credit unions | 92,661 | 97,641 | 91,164 | 91,340 | 91,605 | 91,995 | 92,248 | 93,360 | 94,644 | 95,517 | 96,032 | 97,641 | 98,261 | 98,785 | 99,856 | | | |
| Retailers | 39,832 | 42,079 | 35,370 | 35,539 | 35,731 | 35,415 | 34,846 | 35,943 | 35,925 | 36,441 | 36,678 | 42,079 | 40,057 | 38,462 | 38,111 | | | |
| Savings institutions | 45,965 | 43,461 | 42,998 | 42,292 | 42,202 | 41,768 | 41,813 | 41,932 | 41,317 | 42,031 | 42,746 | 43,461 | 43,428 | 43,516 | 43,255 | | | |
| Gasoline companies | 4,362 | 4,365 | 3,988 | 4,094 | 4,193 | 4,360 | 4,506 | 4,542 | 4,499 | 4,452 | 4,365 | 4,365 | 4,366 | 4,148 | 4,080 | | | |
| Pools of securitized assets | 103,562 | 120,402 | 107,188 | 106,360 | 108,347 | 110,776 | 109,831 | 111,777 | 114,393 | 113,494 | 116,063 | 120,402 | 116,677 | 119,257 | 117,833 | | | |
| By major credit type: | | | | | | | | | | | | | | | | | | |
| Automobile | 261,219 | 259,964 | 259,659 | 259,092 | 258,700 | 257,973 | 258,457 | 260,564 | 262,042 | 260,201 | 259,148 | 259,964 | 257,744 | 259,344 | 258,896 | | | |
| Revolving | 256,876 | 267,949 | 243,076 | 243,544 | 244,236 | 246,596 | 246,332 | 248,386 | 249,421 | 249,983 | 252,877 | 267,949 | 261,217 | 258,430 | 257,879 | | | |
| Mobile home | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | | | |
| Other | 3230,957 | 3216,353 | 3224,889 | 3223,568 | 3222,381 | 3222,909 | 3222,128 | 3223,005 | 3223,422 | 3224,581 | 3225,626 | 3229,031 | 3230,192 | 3229,141 | 3228,412 | | | |
| Seasonally adjusted: | | | | | | | | | | | | | | | | | | |
| Total outstanding (end of period) # | | | 734,434 | 731,736 | 730,612 | 730,866 | 730,496 | 731,023 | 733,023 | 734,195 | 736,023 | 741,093 | 744,196 | 748,765 | 752,205 | | | |
| By major credit type: | | | | | | | | | | | | | | | | | | |
| Automobile | | | 262,087 | 260,746 | 259,844 | 257,989 | 258,259 | 258,827 | 259,433 | 258,208 | 258,860 | 259,627 | 258,463 | 260,945 | 261,255 | | | |
| Revolving | | | 246,324 | 246,987 | 247,205 | 248,795 | 248,980 | 249,384 | 250,456 | 251,806 | 252,086 | 254,299 | 256,433 | 259,378 | 261,329 | | | |
| Mobile home | | | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | | | |
| Other | | | 3226,023 | 3224,002 | 3223,562 | 3223,257 | 3222,812 | 3223,135 | 3224,181 | 3225,077 | 3227,167 | 3229,299 | 3228,443 | 3229,621 | 3229,621 | | | |
| Total net change (during period) # | | | 209 | -2,698 | -1,124 | 254 | -370 | 527 | 2,000 | 1,172 | 1,828 | 5,070 | 3,103 | 4,569 | 3,440 | | | |
| By major credit type: | | | | | | | | | | | | | | | | | | |
| Automobile | | | 1,421 | -1,341 | -902 | -1,855 | 270 | 568 | 606 | -1,225 | 652 | 767 | -1,164 | 2,482 | 310 | | | |
| Revolving | | | -150 | 663 | 218 | 1,590 | 185 | 404 | 1,072 | 1,350 | 280 | 2,213 | 2,136 | 2,943 | 1,951 | | | |
| Mobile home | | | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | | | |
| Other | | | -1,062 | -2,021 | -440 | 519 | -824 | -445 | 323 | 1,046 | 896 | 2,090 | 2,132 | 856 | 1,178 | | | |
| FEDERAL GOVERNMENT FINANCE | | | | | | | | | | | | | | | | | | |
| <i>[Millions of dollars]</i> | | | | | | | | | | | | | | | | | | |
| Federal receipts and outlays: | | | | | | | | | | | | | | | | | | |
| Receipts (net) | 1,054,265 | 1,090,513 | 72,132 | 138,357 | 62,189 | 120,883 | 79,056 | 78,106 | 118,189 | 76,832 | 74,633 | 113,690 | 112,718 | 66,138 | 83,453 | 132,122 | | |
| Outlays (net) | 1,323,757 | 1,380,657 | 122,844 | 123,760 | 108,963 | 117,098 | 122,204 | 102,810 | 112,728 | 125,627 | 107,361 | 152,637 | 82,903 | 113,732 | 128,030 | 124,034 | | |
| Total surplus or deficit (-) | -269,492 | -290,144 | -50,712 | -14,597 | -46,774 | -3,785 | -43,148 | -24,704 | -5,462 | -48,795 | -32,728 | -38,946 | 29,815 | -47,594 | -44,577 | 8,088 | | |
| Federal financing, total | 269,492 | 290,144 | 50,712 | 14,597 | 46,774 | 3,785 | 43,148 | 24,704 | 5,461 | 48,795 | 32,728 | 38,946 | -29,815 | 47,594 | 44,577 | -8,088 | | |
| Borrowing from the public | 293,239 | 311,082 | 50,138 | 6,292 | 33,840 | 22,318 | 28,290 | 38,841 | 9,853 | -1,552 | 61,969 | 21,078 | -8,355 | 30,689 | 37,727 | 5,464 | | |
| Other | 25,303 | 20,730 | 776 | 20,901 | -13,095 | 26,101 | -16,307 | 14,139 | 15,253 | -50,417 | 29,239 | -17,867 | 21,457 | -16,905 | -6,850 | 13,552 | | |
| Gross amount of debt outstanding | 3,489,997 | 4,002,815 | 3,811,671 | 3,822,222 | 3,865,111 | 3,918,787 | 3,942,569 | 3,983,735 | 4,002,815 | 4,006,113 | 4,071,464 | 4,115,794 | 4,106,390 | 4,136,520 | 4,170,654 | 4,188,979 | | |
| Held by the public | 2,628,699 | 2,998,776 | 2,859,672 | 2,867,065 | 2,900,925 | 2,923,243 | 2,950,083 | 2,988,923 | 2,998,776 | 2,997,224 | 3,059,193 | 3,080,271 | 3,071,916 | 3,102,365 | 3,140,112 | 3,145,575 | | |
| Federal receipts by source and outlays by agency: | | | | | | | | | | | | | | | | | | |
| Receipts (net), total | 1,054,265 | 1,090,513 | 72,132 | 138,357 | 62,189 | 120,883 | 79,056 | 78,106 | 118,189 | 76,832 | 74,633 | 113,690 | 112,718 | 66,138 | 83,453 | 132,122 | | |
| Individual income taxes (net) | 467,649 | 473,594 | 19,503 | 67,993 | 12,012 | 53,072 | 35,098 | 34,715 | 55,496 | 37,288 | 33,099 | 51,172 | 73,704 | 23,947 | 27,935 | 56,137 | | |
| Corporation income taxes (net) | 98,086 | 102,240 | 11,742 | 14,198 | 2,691 | 20,784 | 2,732 | 1,579 | 19,896 | 2,096 | 1,478 | 22,950 | 3,212 | 792 | 12,724 | 17,795 | | |
| Social insurance taxes and contributions (net) | 396,010 | 413,670 | 34,237 | 47,461 | 40,362 | 38,380 | 31,722 | 33,139 | 33,322 | 29,594 | 32,900 | 31,918 | 29,416 | 34,251 | 33,652 | 49,176 | | |
| Other | 97,581 | 101,650 | 7,434 | 8,779 | 7,179 | 8,672 | 9,522 | 8,782 | 9,629 | 7,854 | 7,157 | 7,718 | 5,505 | 7,206 | 9,140 | 9,014 | | |
| Outlays (net), total | 1,323,757 | 1,380,657 | 122,844 | 123,760 | 108,963 | 117,098 | 122,204 | 102,810 | 112,728 | 125,627 | 107,361 | 152,637 | 82,903 | 113,732 | 128,030 | 124,034 | | |
| Agriculture Department | 54,120 | 56,585 | 5,462 | 5,080 | 5,007 | 3,912 | 3,595 | 3,266 | 3,922 | 7,051 | 5,624 | 6,645 | 4,516 | 4,389 | 8,163 | 6,172 | | |
| Defense Department, military | 299,196 | 286,631 | 22,109 | 22,948 | 23,739 | 24,868 | 29,180 | 20,538 | 24,902 | 26,233 | 19,949 | 28,946 | 18,941 | 22,003 | 24,391 | 26,036 | | |
| Health and Human Services Department | 483,936 | 539,761 | 43,303 | 45,693 | 44,316 | 49,575 | 48,176 | 43,333 | 46,703 | 48,427 | 43,055 | 73,835 | 20,629 | 47,245 | 49,520 | 51,313 | | |
| Treasury Department | 276,887 | 292,990 | 21,375 | 19,756 | 22,801 | 49,230 | 17,536 | 18,403 | 16,536 | 18,116 | 21,605 | 52,215 | 18,636 | 20,965 | 20,235 | 19,358 | | |
| National Aeronautics and Space Administration | 13,878 | 13,962 | 1,294 | 1,148 | 1,133 | 1,151 | 1,179 | 1,076 | 1,149 | 1,098 | 1,317 | 1,266 | 1,092 | 1,008 | 1,344 | 8,373 | | |
| Veterans Affairs Department | 31,214 | 33,734 | 1,804 | 2,898 | 2,686 | 2,514 | 4,010 | 1,361 | 3,201 | 4,061 | 1,717 | 4,125 | 1,617 | 2,626 | 4,067 | 4,307 | | |
| GOLD AND SILVER: | | | | | | | | | | | | | | | | | | |
| Gold: | | | | | | | | | | | | | | | | | | |
| Monetary stock, U.S. (end of period), mil. \$ | 11,057 | 11,056 | 11,057 | 11,057 | 11,057 | 11,059 | 11,059 | 11,059 | 11,059 | 11,060 | 11,059 | 11,056 | 11,055 | 11,055 | 11,055 | | | |
| Price at New York, dol. per troy oz. ₤ | 362.04 | 344.50 | 344.34 | 338.50 | 337.24 | 340.81 | 353.05 | 342.96 | 345.55 | 344.38 | 335.08 | 334.66 | 329.01 | 329.39 | 329.01 | 341.91 | | |
| Silver: | | | | | | | | | | | | | | | | | | |
| Price at New York, dol. per troy oz. ₤ | 4.040 | 3.938 | 4.100 | 4.030 | 4.070 | 4.060 | 3.950 | 3.800 | 3.760 | 3.740 | 3.760 | 3.720 | 3.680 | 3.650 | 3.690 | 3.960 | | |

See footnotes at end of tables.

| | Annual | | 1992 | | | | | | | | | | 1993 | | | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | |
| 6. FINANCE—Continued | | | | | | | | | | | | | | | | | |
| MONETARY STATISTICS | | | | | | | | | | | | | | | | | |
| <i>[Billions of dollars]</i> | | | | | | | | | | | | | | | | | |
| Currency in circulation (end of period) | 307.7 | | 303.2 | | | 310.9 | | | | | | | 317.9 | | | | 334.7 |
| Money stock measures and components (averages of daily figures): | | | | | | | | | | | | | | | | | |
| Measures (not seasonally adjusted): | | | | | | | | | | | | | | | | | |
| M1 | 860.0 | 966.5 | 930.5 | 954.7 | 943.9 | 951.9 | 962.5 | 970.4 | 982.8 | 1,000.9 | 1,021.5 | *1,045.8 | *1,040.3 | *1,022.3 | *1,030.8 | 1,058.4 | |
| M2 | 3,406.9 | 3,477.1 | 3,476.5 | 3,490.0 | 3,452.5 | 3,457.2 | 3,461.0 | 3,466.8 | 3,467.8 | 3,485.7 | 3,500.8 | 3,511.2 | 3,492.7 | *3,469.3 | *3,479.3 | 3,496.3 | |
| M3 | 4,158.7 | 4,180.9 | 4,195.2 | 4,195.0 | 4,167.1 | 4,165.0 | 4,163.5 | 4,178.5 | 4,171.4 | 4,169.9 | 4,183.7 | 4,178.5 | *4,143.5 | *4,132.0 | *4,138.9 | 4,154.7 | |
| L (M3 plus other liquid assets) | 4,982.6 | *5,020.6 | 5,023.4 | 5,024.9 | 4,988.0 | 5,001.9 | 4,996.2 | 5,015.8 | 5,026.6 | *5,031.3 | *5,068.8 | *5,076.9 | *5,047.3 | *5,024.3 | 5,038.7 | | |
| Components (not seasonally adjusted): | | | | | | | | | | | | | | | | | |
| Currency | 259.5 | 279.6 | 271.0 | 273.3 | 275.7 | 277.2 | 280.8 | 282.9 | 284.6 | 287.0 | 290.0 | 295.0 | 293.6 | 295.3 | 297.9 | 301.3 | |
| Demand deposits | 280.2 | 319.3 | 302.6 | 313.8 | 308.3 | 311.4 | 317.7 | 319.8 | 326.1 | 336.7 | 343.9 | 355.3 | 346.2 | 334.3 | 336.3 | 350.7 | |
| Other checkable deposits $\frac{1}{2}$ | 312.8 | 359.8 | 349.5 | 360.2 | 352.5 | 355.5 | 355.9 | 359.2 | 363.6 | 368.8 | 379.7 | *387.7 | *392.7 | *384.9 | *388.9 | 398.6 | |
| Overnight RP's and Eurodollars \diamond | 69.8 | 74.3 | 74.7 | 72.7 | 69.5 | 72.5 | 72.8 | 76.2 | 73.8 | 75.0 | 75.1 | 73.8 | 72.3 | *73.0 | *72.9 | 69.4 | |
| General purpose and broker/dealer money market funds | 365.0 | 355.1 | 367.7 | 361.1 | 352.9 | 349.9 | 345.8 | 346.2 | 341.4 | 343.4 | 341.9 | 340.0 | 339.2 | 339.8 | 342.2 | 337.9 | |
| Money market deposit accounts | (¹) | (¹) | (¹) | (¹) | (¹) | (¹) | (¹) | (¹) | (¹) | (¹) | (¹) | (¹) | (¹) | (¹) | (¹) | (¹) | |
| Savings deposits | 979.6 | 1,130.3 | *1,099.0 | *1,113.9 | *1,120.6 | *1,130.5 | *1,138.2 | *1,146.7 | *1,156.0 | *1,167.9 | *1,179.4 | *1,180.0 | *1,177.1 | *1,178.2 | *1,184.3 | *1,188.9 | |
| Small time deposits @ | 1,132.4 | 950.9 | 1,002.9 | 984.0 | 965.6 | 952.4 | 941.7 | 927.2 | 913.8 | 898.6 | 882.9 | 871.5 | 864.0 | *856.0 | *849.0 | 841.6 | |
| Large time deposits @ | 462.7 | 387.3 | 408.6 | 400.9 | 398.2 | 391.3 | 382.1 | 379.7 | 374.2 | 366.0 | 361.2 | 356.2 | 348.3 | *345.7 | *341.5 | 342.1 | |
| Measures (seasonally adjusted): | | | | | | | | | | | | | | | | | |
| M1 | | | 935.1 | 941.2 | 952.2 | 952.6 | 963.3 | 975.5 | 990.1 | 1,005.9 | 1,019.1 | 1,026.6 | *1,033.3 | *1,033.1 | *1,035.4 | 1,043.2 | |
| M2 | | | 3,467.8 | 3,464.8 | 3,467.5 | 3,462.1 | 3,463.6 | 3,472.4 | 3,480.2 | 3,491.4 | 3,498.0 | 3,497.0 | *3,487.0 | *3,475.3 | *3,472.4 | 3,472.8 | |
| M3 | | | 4,184.9 | 4,177.9 | 4,179.8 | 4,170.1 | 4,169.0 | 4,178.7 | 4,182.9 | 4,179.8 | 4,178.4 | *4,166.4 | *4,140.9 | *4,134.6 | *4,128.9 | 4,135.6 | |
| L (M3 plus other liquid assets) | | | 5,010.1 | 5,009.1 | *5,011.0 | 5,014.8 | 5,012.5 | 5,025.8 | *5,037.3 | *5,042.2 | *5,055.8 | *5,052.0 | *5,030.4 | *5,024.0 | 5,025.0 | | |
| Components (seasonally adjusted): | | | | | | | | | | | | | | | | | |
| Currency | | | 271.9 | 273.6 | 275.1 | 276.6 | 279.5 | 282.4 | 286.3 | 288.0 | 289.8 | 292.3 | *294.7 | *296.8 | 299.0 | 301.4 | |
| Demand deposits | | | 308.0 | 310.8 | 314.7 | 312.3 | 317.5 | 322.5 | 329.0 | 336.0 | 339.5 | 340.9 | 341.9 | 341.9 | *342.0 | 347.3 | |
| Other checkable deposits $\frac{1}{2}$ | | | 347.5 | 349.0 | 354.7 | 355.9 | 358.8 | 362.8 | 366.7 | 373.7 | 381.6 | 385.2 | *388.6 | *386.4 | *386.4 | 386.4 | |
| Savings deposits | | | *1,094.3 | *1,107.5 | *1,119.6 | *1,126.0 | *1,134.5 | *1,145.7 | *1,158.9 | *1,170.5 | *1,180.3 | *1,186.0 | *1,184.3 | *1,182.3 | *1,178.8 | *1,181.4 | |
| Small time deposits @ | | | 1,004.0 | 966.1 | 969.6 | 955.7 | 941.5 | 926.9 | 912.7 | 895.5 | 881.7 | 870.2 | 860.9 | *855.0 | *850.1 | 843.6 | |
| Large time deposits @ | | | 407.4 | 402.1 | 395.9 | 389.3 | 382.5 | 378.1 | 373.7 | 367.0 | 361.3 | 357.5 | 350.7 | *346.3 | *340.4 | 343.1 | |
| PROFITS AND DIVIDENDS (QTRLY.) | | | | | | | | | | | | | | | | | |
| <i>[Millions of dollars]</i> | | | | | | | | | | | | | | | | | |
| Manufacturing corps. (Bureau of the Census): | | | | | | | | | | | | | | | | | |
| Net profits after taxes, all manufacturing | 67,965 | 94,160 | 24,743 | | | 29,889 | | | *28,734 | | | | 10,794 | | | | |
| Food and kindred products | 19,639 | 20,392 | 5,078 | | | 6,012 | | | *4,997 | | | | 4,305 | | | | |
| Textile mill products | 833 | 2,103 | 296 | | | 568 | | | *570 | | | | 669 | | | | |
| Paper and allied products | 2,164 | 2,572 | 776 | | | 942 | | | *726 | | | | 128 | | | | |
| Chemicals and allied products | 20,558 | 23,252 | 6,659 | | | 6,426 | | | *6,404 | | | | 3,763 | | | | |
| Petroleum and coal products | 10,868 | 9,577 | 2,261 | | | 2,386 | | | *2,352 | | | | 2,578 | | | | |
| Stone, clay, and glass products | -1,602 | 204 | -535 | | | 524 | | | *534 | | | | -319 | | | | |
| Primary nonferrous metal | 986 | 1,036 | 401 | | | 462 | | | *482 | | | | -309 | | | | |
| Primary iron and steel | -1,439 | 32 | -143 | | | 248 | | | *577 | | | | -650 | | | | |
| Fabricated metal products | 3,359 | 4,498 | 1,060 | | | 1,671 | | | *1,572 | | | | 195 | | | | |
| Machinery | -2,740 | -3,713 | 1,639 | | | 876 | | | *-287 | | | | -5,941 | | | | |
| Electrical and electronic equipment | 4,706 | 9,840 | 1,836 | | | 3,016 | | | *2,815 | | | | 2,173 | | | | |
| Transportation equipment (except motor vehicles and equipment) | 2,694 | | 196 | | | | | | 86 | | | | 441 | | | | |
| Motor vehicles and equipment | -7,607 | -1,142 | 524 | | | 423 | | | *-1,166 | | | | -923 | | | | |
| All other manufacturing industries | 15,404 | | 4,694 | | | | | | | | | | | | | | |
| Dividends paid (cash), all manufacturing | 60,222 | | 14,800 | | | 15,553 | | | 15,507 | | | | | | | | |
| SECURITIES ISSUED | | | | | | | | | | | | | | | | | |
| <i>[Millions of dollars]</i> | | | | | | | | | | | | | | | | | |
| Securities and Exchange Commission: | | | | | | | | | | | | | | | | | |
| Estimated gross proceeds, total | | | | | | | | | | | | | | | | | |
| By type of security: | | | | | | | | | | | | | | | | | |
| Bonds and notes, corporate | | | | | | | | | | | | | | | | | |
| Common stock | | | | | | | | | | | | | | | | | |
| Preferred stock | | | | | | | | | | | | | | | | | |
| By type of issuer: | | | | | | | | | | | | | | | | | |
| Corporate, total # | | | | | | | | | | | | | | | | | |
| Manufacturing | | | | | | | | | | | | | | | | | |
| Extractive | | | | | | | | | | | | | | | | | |
| Public utility | | | | | | | | | | | | | | | | | |
| Transportation | | | | | | | | | | | | | | | | | |
| Communication | | | | | | | | | | | | | | | | | |
| Financial and real estate | | | | | | | | | | | | | | | | | |
| State and municipal issues (Bond Buyer): | | | | | | | | | | | | | | | | | |
| Long-term | 172,576 | 235,026 | 19,577 | 18,117 | 18,231 | 27,672 | 17,596 | 21,121 | 19,314 | 22,771 | 16,787 | 22,669 | 18,285 | 18,340 | 28,249 | | |
| Short-term | 43,809 | 39,913 | 978 | 3,347 | 969 | 8,557 | 2,714 | 3,363 | 12,874 | 845 | 793 | 1,027 | 1,648 | 1,742 | 950 | | |
| SECURITY MARKETS | | | | | | | | | | | | | | | | | |
| <i>[Millions of dollars, unless otherwise indicated]</i> | | | | | | | | | | | | | | | | | |
| Stock Market Customer Financing | | | | | | | | | | | | | | | | | |
| Margin credit at broker-dealers, end of year or month | | | | | | | | | | | | | | | | | |
| Free credit balances at brokers, end of year or month: | | | | | | | | | | | | | | | | | |
| Margin-account | | | | | | | | | | | | | | | | | |
| Cash-account | | | | | | | | | | | | | | | | | |
| Bonds | | | | | | | | | | | | | | | | | |
| Prices: | | | | | | | | | | | | | | | | | |
| Standard & Poor's Corporation, domestic municipal (15 bonds), <i>dbl. per \$100 bond</i> | 68.8 | 73.1 | 70.6 | 71.0 | 71.7 | 73.7 | 75.8 | 76.1 | 74.3 | 72.9 | 73.6 | 74.6 | 75.2 | 78.2 | 80.4 | 79.1 | |
| Sales: | | | | | | | | | | | | | | | | | |
| New York Stock Exchange, exclusive of some stopped sales, face value, total | 12,698.11 | 11,629.01 | 1,124.56 | 924.16 | 840.52 | 904.49 | 999.56 | 867.62 | 859.79 | 981.83 | 756.31 | 836.16 | 947.76 | 890.82 | 1,022.47 | 1,002.59 | |

See footnotes at end of tables.

SURVEY OF CURRENT BUSINESS

| | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|--|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| 6. FINANCE—Continued | | | | | | | | | | | | | | | | |
| Bonds—Continued | | | | | | | | | | | | | | | | |
| <i>(Percent)</i> | | | | | | | | | | | | | | | | |
| Yields: | | | | | | | | | | | | | | | | |
| Domestic corporate (Moody's) | 9.23 | 8.55 | 8.81 | 8.77 | 8.71 | 8.63 | 8.44 | 8.29 | 8.26 | 8.41 | 8.51 | 8.35 | 8.24 | 8.01 | 7.83 | 7.76 |
| By rating: | | | | | | | | | | | | | | | | |
| Aaa | 8.77 | 8.14 | 8.35 | 8.33 | 8.28 | 8.22 | 8.07 | 7.95 | 7.92 | 7.99 | 8.10 | 7.98 | 7.91 | 7.71 | 7.58 | 7.46 |
| Aa | 9.05 | 8.46 | 8.73 | 8.69 | 8.63 | 8.56 | 8.37 | 8.21 | 8.17 | 8.32 | 8.40 | 8.24 | 8.11 | 7.90 | 7.72 | 7.62 |
| A | 9.30 | 8.62 | 8.89 | 8.87 | 8.81 | 8.70 | 8.49 | 8.34 | 8.31 | 8.49 | 8.58 | 8.37 | 8.26 | 8.03 | 7.86 | 7.80 |
| Baa | 9.80 | 8.98 | 9.25 | 9.21 | 9.13 | 9.05 | 8.84 | 8.65 | 8.62 | 8.84 | 8.96 | 8.81 | 8.67 | 8.39 | 8.15 | 8.14 |
| By group: | | | | | | | | | | | | | | | | |
| Industrials | 9.25 | 8.52 | 8.77 | 8.75 | 8.70 | 8.61 | 8.42 | 8.23 | 8.19 | 8.38 | 8.49 | 8.34 | 8.24 | 8.01 | 7.80 | 7.74 |
| Public utilities | 9.21 | 8.57 | 8.84 | 8.79 | 8.72 | 8.64 | 8.46 | 8.34 | 8.32 | 8.44 | 8.53 | 8.36 | 8.23 | 8.00 | 7.85 | 7.76 |
| Railroads | | | | | | | | | | | | | | | | |
| Domestic municipal: | | | | | | | | | | | | | | | | |
| Bond Buyer (20 bonds) | 6.90 | 6.45 | 6.77 | 6.69 | 6.58 | 6.42 | 5.89 | 6.31 | 6.33 | 6.62 | 6.26 | 6.17 | 6.10 | 5.60 | 5.78 | |
| Standard & Poor's Corp. (15 bonds) | 7.45 | 6.41 | 6.69 | 6.64 | 6.57 | 6.50 | 6.12 | 6.08 | 6.24 | 6.43 | 6.35 | 6.24 | 6.18 | 5.87 | 5.65 | 5.78 |
| U.S. Treasury bonds, taxable $\frac{3}{8}$ | 8.16 | 7.52 | 7.93 | 7.88 | 7.80 | 7.72 | 7.40 | 7.19 | 7.08 | 7.26 | 7.43 | 7.30 | 7.17 | 6.89 | 6.65 | 6.64 |
| Stocks | | | | | | | | | | | | | | | | |
| Prices: | | | | | | | | | | | | | | | | |
| Dow Jones averages (65 stocks) | 1,048.27 | 1,169.86 | 1,169.58 | 1,167.58 | 1,195.56 | 1,174.92 | 1,170.50 | 1,154.13 | 1,156.92 | 1,138.91 | 1,170.48 | 1,199.25 | 1,210.92 | 1,250.36 | 1,271.64 | 1,290.45 |
| Industrial (30 stocks) | 3,284.29 | 3,284.29 | 3,247.41 | 3,294.08 | 3,376.78 | 3,337.79 | 3,329.40 | 3,307.45 | 3,293.92 | 3,198.69 | 3,238.49 | 3,303.15 | 3,277.71 | 3,367.26 | 3,440.73 | 3,423.62 |
| Public utility (15 stocks) | 210.32 | 214.41 | 204.38 | 206.07 | 213.15 | 212.45 | 219.07 | 220.19 | 220.03 | 217.15 | 217.72 | 220.17 | 221.97 | 234.23 | 239.97 | 242.05 |
| Transportation (20 stocks) | 1,170.22 | 1,349.63 | 1,408.98 | 1,356.85 | 1,380.45 | 1,333.28 | 1,303.10 | 1,254.65 | 1,275.19 | 1,286.16 | 1,375.81 | 1,430.12 | 1,488.05 | 1,533.16 | 1,541.53 | 1,619.79 |
| Standard & Poor's Corporation, 1941-43=10 <i>unless otherwise indicated; \$</i> | | | | | | | | | | | | | | | | |
| Combined index (500 Stocks) | 376.17 | 415.74 | 407.36 | 407.41 | 414.81 | 408.27 | 415.05 | 417.93 | 418.48 | 412.50 | 422.84 | 435.64 | 435.23 | 441.70 | 450.16 | 443.08 |
| Industrial, total (400 Stocks) # | 445.81 | 490.57 | 484.86 | 484.53 | 490.72 | 481.96 | 487.16 | 490.88 | 493.56 | 483.33 | 496.09 | 509.50 | 504.96 | 508.91 | 517.24 | 505.00 |
| Capital goods | 300.66 | 312.12 | 317.67 | 312.79 | 319.45 | 312.12 | 309.35 | 305.32 | 307.68 | 300.35 | 306.09 | 311.24 | 312.36 | 318.04 | 323.03 | 321.79 |
| Consumer goods | 544.04 | 625.18 | 621.24 | 617.42 | 618.26 | 598.89 | 617.31 | 627.14 | 627.04 | 614.96 | 640.65 | 655.71 | 636.16 | 628.27 | 630.61 | 595.41 |
| Utilities (40 Stocks) | 141.95 | 149.21 | 139.45 | 141.61 | 147.25 | 146.79 | 153.70 | 149.97 | 155.36 | 154.28 | 152.12 | 157.18 | 159.79 | 166.41 | 170.48 | 172.27 |
| Transportation (20 Stocks), 1982=100 | 288.54 | 341.74 | 346.73 | 344.98 | 356.62 | 342.07 | 334.44 | 321.77 | 323.19 | 327.46 | 351.64 | 363.35 | 374.27 | 379.57 | 376.22 | 390.85 |
| Railroads | 248.19 | 315.51 | 298.38 | 313.39 | 335.10 | 322.35 | 315.56 | 305.61 | 304.24 | 310.25 | 330.89 | 343.65 | 354.77 | 366.03 | 365.41 | 376.47 |
| Financial (40 Stocks), 1970=10 (subcategories in 1941-43=10) | 29.69 | 35.69 | 34.29 | 33.94 | 35.17 | 34.90 | 36.18 | 35.78 | 35.22 | 36.13 | 38.03 | 39.98 | 41.34 | 42.88 | 44.51 | 44.55 |
| Money center banks | 90.36 | 113.31 | 108.84 | 107.28 | 117.36 | 115.36 | 118.86 | 112.94 | 109.70 | 111.21 | 118.66 | 123.84 | 130.73 | 136.32 | 144.73 | 144.11 |
| Major regional banks | 114.67 | 150.41 | 145.11 | 146.09 | 154.88 | 150.34 | 153.07 | 148.87 | 145.81 | 149.35 | 158.58 | 165.85 | 172.06 | 178.34 | 188.41 | 188.45 |
| Property-Casualty Insurance | 379.58 | 419.61 | 391.26 | 385.42 | 383.81 | 390.63 | 415.77 | 417.50 | 424.70 | 460.56 | 468.44 | 482.75 | 481.40 | 504.67 | 503.89 | 504.83 |
| N.Y. Stock Exchange common stock indexes, 12/31/65=50: | | | | | | | | | | | | | | | | |
| Composite | 205.48 | 229.00 | 225.21 | 224.54 | 228.54 | 224.67 | 228.16 | 230.07 | 230.12 | 226.97 | 232.83 | 239.47 | 239.67 | 243.41 | 248.11 | 244.72 |
| Industrial | 257.09 | 284.61 | 282.35 | 281.60 | 285.16 | 279.53 | 281.90 | 284.44 | 285.76 | 279.69 | 287.30 | 294.86 | 292.07 | 294.40 | 298.75 | 292.16 |
| Transportation | 173.97 | 201.09 | 204.09 | 201.28 | 207.87 | 202.02 | 198.36 | 191.30 | 191.64 | 192.30 | 204.78 | 212.34 | 221.00 | 226.96 | 229.41 | 237.97 |
| Utility | 92.26 | 99.45 | 94.15 | 94.91 | 98.23 | 97.22 | 101.17 | 103.41 | 102.26 | 101.62 | 101.13 | 103.84 | 105.51 | 109.44 | 112.53 | 135.09 |
| Finance | 150.18 | 179.24 | 173.49 | 171.05 | 175.89 | 174.82 | 180.92 | 180.46 | 178.27 | 181.35 | 189.27 | 196.86 | 203.38 | 209.92 | 217.01 | 216.02 |
| NASDAQ over-the-counter price indexes: | | | | | | | | | | | | | | | | |
| Composite, 2/5/71=100 | 491.56 | 599.49 | 619.80 | 582.79 | 581.47 | 566.66 | 568.72 | 569.00 | 580.68 | 585.01 | 630.86 | 661.28 | 691.13 | 681.71 | 685.30 | 665.33 |
| Industrial | 549.48 | 655.04 | 701.75 | 642.91 | 630.97 | 608.48 | 604.99 | 603.07 | 621.06 | 624.45 | 680.98 | 710.38 | 740.27 | 716.02 | 709.22 | 681.19 |
| Insurance | 535.65 | 659.78 | 617.56 | 600.57 | 614.90 | 615.17 | 642.64 | 678.01 | 685.03 | 714.82 | 734.82 | 771.93 | 806.19 | 840.17 | 851.63 | 845.66 |
| Bank | 319.34 | 438.22 | 393.51 | 402.24 | 428.79 | 436.01 | 456.84 | 461.64 | 456.88 | 462.12 | 487.91 | 518.84 | 556.01 | 596.89 | 618.87 | 624.55 |
| NASDAQ/NMS composite, 7/10/84=100 | 217.09 | 265.46 | 273.67 | 257.56 | 257.43 | 250.86 | 251.82 | 251.98 | 257.35 | 259.31 | 279.99 | 293.59 | 306.61 | 302.11 | 303.66 | 294.34 |
| Industrial | 218.25 | 263.85 | 280.00 | 256.79 | 252.57 | 243.57 | 242.32 | 241.69 | 249.13 | 250.49 | 273.60 | 285.56 | 297.27 | 287.11 | 284.30 | 272.48 |
| Yields (Standard & Poor's Corp.), percent: | | | | | | | | | | | | | | | | |
| Composite (500 stocks) Δ | 3.24 | 2.98 | 3.01 | 3.02 | 2.99 | 3.06 | 3.00 | 2.97 | 3.00 | 3.07 | 2.98 | 2.90 | 2.88 | 2.81 | 2.76 | |
| Industrials (400 stocks) | 2.82 | 2.63 | 2.63 | 2.63 | 2.63 | 2.69 | 2.65 | 2.62 | 2.66 | 2.74 | 2.65 | 2.57 | 2.50 | 2.48 | 2.48 | |
| Utilities (40 stocks) | 5.95 | 5.72 | 6.16 | 6.08 | 5.80 | 5.84 | 5.58 | 5.47 | 5.49 | 5.52 | 5.60 | 5.44 | 5.37 | 5.15 | 4.99 | |
| Transportation (20 stocks) | 2.30 | 1.99 | 1.94 | 1.94 | 1.87 | 1.97 | 2.01 | 2.17 | 2.16 | 2.12 | 1.91 | 1.86 | 1.76 | 1.76 | 1.76 | |
| Financial (40 stocks) | 3.69 | 2.89 | 2.92 | 2.99 | 2.94 | 3.00 | 2.89 | 2.94 | 2.98 | 2.91 | 2.80 | 2.69 | 2.68 | 2.58 | 2.51 | |
| Preferred stocks, 10 high-grade | 8.17 | 7.46 | 7.64 | 7.75 | 7.61 | 7.53 | 7.47 | 7.21 | 7.09 | 7.22 | 7.43 | 7.45 | 7.35 | 6.70 | 6.70 | 6.69 |
| Sales: | | | | | | | | | | | | | | | | |
| Total on all registered exchanges (SEC): | | | | | | | | | | | | | | | | |
| Market value, mil. \$ | 1,776,275 | 2,033,200 | 172,592 | 170,536 | 160,568 | 164,313 | 163,921 | 143,874 | 149,984 | 171,923 | 155,076 | 187,944 | 187,356 | 211,249 | 224,019 | |
| Shares sold, millions | 58,031 | 65,501 | 5,529 | 5,127 | 4,802 | 5,080 | 5,155 | 4,645 | 5,500 | 5,534 | 5,044 | 6,258 | 6,027 | 6,628 | 6,963 | |
| On New York Stock Exchange: | | | | | | | | | | | | | | | | |
| Market value, mil. \$ | 1,531,813 | 1,757,494 | 149,951 | 147,607 | 138,059 | 143,429 | 142,447 | 124,095 | 130,809 | 149,347 | 133,852 | 160,620 | 162,394 | 183,872 | 197,791 | |
| Shares sold (cleared or settled), millions | 47,674 | 53,344 | 4,386 | 4,227 | 3,926 | 4,240 | 4,299 | 3,817 | 4,710 | 4,588 | 4,162 | 5,070 | 4,964 | 5,474 | 5,863 | |
| New York Stock Exchange: | | | | | | | | | | | | | | | | |
| Exclusive of odd-lot stock sales (sales effected), millions | 45,267 | 51,376 | 4,082 | 4,320 | 3,666 | 4,296 | 4,274 | 3,647 | 4,019 | 4,469 | 4,154 | 4,889 | 5,311 | 5,466 | 5,772 | 5,839 |
| NASDAQ over-the-counter: | | | | | | | | | | | | | | | | |
| Market value, mil. \$ | 693,854 | 891,785 | 73,400 | 78,144 | 57,296 | 64,635 | 63,154 | 53,571 | 66,871 | 75,795 | 80,749 | 89,349 | 107,993 | 107,865 | 104,714 | 101,843 |
| Shares sold, millions | 41,264 | 48,453 | 4,045 | 3,942 | 3,126 | 3,591 | 3,597 | 3,083 | 3,711 | 4,227 | 4,407 | 4,951 | 5,188 | 4,976 | 5,155 | 4,889 |
| Shares listed, NYSE, end of period: | | | | | | | | | | | | | | | | |
| Market value, all listed shares, bil. \$ | 3,712.84 | 4,035.00 | 3,654.92 | 3,742.72 | 3,782.33 | 3,712.82 | 3,870.96 | 3,806.74 | 3,840.63 | 3,870.50 | 3,976.01 | 4,035.00 | 4,091.01 | 4,137.00 | 4,249.00 | 4,151.06 |
| Number of shares listed, millions | 99,622 | 115,839 | 102,450 | 103,269 | 107,148 | 110,121 | 111,389 | 112,519 | 113,450 | 114,047 | 114,580 | 115,839 | 117,605 | 119,524 | 120,679 | 121,275 |

7. FOREIGN TRADE OF THE UNITED STATES

| VALUE OF EXPORTS <i>(Millions of dollars)</i> | | | | | | | | | | | | | | | | |
|--|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| Exports (mdse.), incl. reexports, total @ | 421,730.0 | 448,163.6 | 39,817.4 | 37,153.5 | 36,736.6 | 39,094.3 | 35,979.4 | 34,837.8 | 36,810.9 | 40,114.5 | 37,670.2 | 38,536.8 | 35,921.9 | 36,004.1 | 42,001.7 | |
| Seasonally adjusted | | | 37,174.0 | 36,382.2 | 35,973.5 | 38,040.1 | 37,430.9 | 36,370.0 | 37,661.3 | 38,885.2 | 37,795.9 | 39,177.9 | 37,504.5 | 36,928.1 | 38,996.1 | |
| Western Europe | 118,723.3 | 116,983.3 | 11,455.0 | 9,901.2 | 9,648.9 | 9,484.5 | 8,744.0 | 8,678.7 | 9,393.0 | 10,377.7 | 9,195.5 | 9,751.3 | 9,756.2 | 9,655. | | |

| Unless otherwise stated in footnotes below, data through 1991 and methodological notes are as shown in BUSINESS STATISTICS, 1963-91 | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|---|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| 7. FOREIGN TRADE OF THE UNITED STATES—Continued | | | | | | | | | | | | | | | | |
| VALUE OF EXPORTS—Continued | | | | | | | | | | | | | | | | |
| <i>(Millions of dollars)</i> | | | | | | | | | | | | | | | | |
| Exports (mdse.), incl. reexports—Continued | | | | | | | | | | | | | | | | |
| Western Hemisphere: | | | | | | | | | | | | | | | | |
| Canada ◊ | 85,102.5 | 90,632.2 | 8,195.0 | 7,847.2 | 7,666.0 | 8,397.5 | 6,879.4 | 7,095.6 | 7,839.8 | 8,031.7 | 7,659.8 | 7,043.3 | 6,822.0 | 7,638.5 | 9,415.2 | |
| Brazil | 6,154.1 | 5,740.1 | 454.6 | 385.4 | 430.7 | 594.2 | 426.7 | 384.8 | 457.3 | 480.2 | 491.9 | 730.8 | 435.3 | 411.9 | 471.5 | |
| Mexico | 33,275.6 | 40,597.5 | 3,529.6 | 3,509.9 | 3,386.3 | 3,496.0 | 3,476.6 | 3,153.9 | 3,561.5 | 3,447.1 | 3,404.0 | 3,360.7 | 3,189.0 | 3,304.8 | 3,758.2 | |
| Venezuela | 4,668.2 | 5,438.1 | 493.8 | 475.3 | 454.8 | 497.5 | 491.8 | 493.7 | 486.2 | 499.6 | 437.8 | 360.0 | 413.6 | 405.4 | 410.9 | |
| Asia: | | | | | | | | | | | | | | | | |
| China | 6,286.8 | 7,469.6 | 637.8 | 586.6 | 613.1 | 696.8 | 437.5 | 717.7 | 489.1 | 743.5 | 694.2 | 879.6 | 613.1 | 696.2 | 622.5 | |
| Hong Kong | 8,140.5 | 9,068.7 | 669.1 | 670.8 | 704.2 | 830.8 | 864.2 | 682.1 | 741.1 | 883.5 | 834.9 | 899.3 | 747.1 | 714.5 | 879.4 | |
| Japan | 48,146.5 | 47,763.9 | 4,352.4 | 3,566.1 | 3,666.1 | 4,163.8 | 4,181.0 | 4,015.4 | 3,840.0 | 4,123.8 | 3,813.0 | 3,964.5 | 3,713.1 | 3,892.1 | 4,404.5 | |
| Republic of Korea | 15,518.4 | 14,630.1 | 1,383.4 | 1,093.2 | 1,288.2 | 1,357.0 | 1,210.6 | 1,033.2 | 1,068.9 | 1,187.5 | 1,089.9 | 1,242.3 | 1,203.7 | 1,119.0 | 1,132.3 | |
| Saudi Arabia | 6,572.2 | 7,163.4 | 610.6 | 809.6 | 535.9 | 729.1 | 492.9 | 498.7 | 557.5 | 591.2 | 438.7 | 630.4 | 551.6 | 506.5 | 681.0 | |
| Singapore | 8,807.8 | 9,623.4 | 764.9 | 732.8 | 792.2 | 1,061.4 | 808.0 | 709.2 | 777.4 | 949.7 | 709.2 | 994.3 | 941.8 | 889.7 | 906.3 | |
| Taiwan | 13,191.1 | 15,204.8 | 1,209.6 | 1,296.3 | 1,298.0 | 1,304.6 | 1,099.9 | 1,072.2 | 1,242.0 | 1,462.9 | 1,663.0 | 1,385.5 | 1,301.9 | 1,071.1 | 1,426.0 | |
| Africa: | | | | | | | | | | | | | | | | |
| Nigeria | 832.9 | 1,000.9 | 70.8 | 82.2 | 97.5 | 89.6 | 35.8 | 69.3 | 106.5 | 73.0 | 114.6 | 94.0 | 75.8 | 81.7 | 107.7 | |
| Republic of South Africa | 2,086.3 | 2,425.0 | 180.1 | 141.8 | 163.0 | 195.3 | 253.2 | 225.3 | 210.3 | 352.3 | 238.1 | 196.3 | 172.6 | 203.4 | 170.8 | |
| Australia | 8,416.2 | 8,912.5 | 646.3 | 624.7 | 798.7 | 825.4 | 674.3 | 642.8 | 881.0 | 820.6 | 797.7 | 986.7 | 579.4 | 637.6 | 738.1 | |
| OPEC | 19,083.5 | 21,926.8 | 1,843.4 | 2,097.7 | 1,777.2 | 1,971.5 | 1,662.4 | 1,656.9 | 1,801.2 | 2,056.2 | 1,607.3 | 1,825.3 | 1,607.1 | 1,507.0 | 1,838.4 | |
| Exports of U.S. merchandise, total @ | 400,839.1 | 425,614.3 | 37,748.7 | 35,352.9 | 34,883.7 | 37,155.8 | 34,232.6 | 33,198.5 | 34,909.9 | 37,989.7 | 35,850.8 | 36,449.5 | 34,113.3 | 34,131.0 | 39,770.4 | |
| By commodity groups and principal commodities: | | | | | | | | | | | | | | | | |
| Agricultural products, total | 38,462.7 | 42,078.2 | 3,674.9 | 3,634.3 | 3,084.1 | 3,154.9 | 3,189.8 | 3,021.0 | 3,310.9 | 4,097.5 | 3,810.8 | 3,721.6 | 3,614.0 | 3,752.6 | 3,796.9 | |
| Nonagricultural products, total | 362,379.8 | 382,989.2 | 33,965.0 | 31,697.0 | 31,565.7 | 34,120.1 | 30,571.0 | 29,894.1 | 31,954.6 | 33,892.2 | 32,040.0 | 32,769.5 | 30,387.2 | 30,587.7 | 35,973.5 | |
| Food and live animals # | 29,555.0 | 32,864.2 | 2,873.1 | 2,777.7 | 2,405.2 | 2,579.1 | 2,842.5 | 2,647.6 | 2,713.0 | 3,054.2 | 2,808.9 | 2,761.1 | 2,565.4 | 2,760.2 | 2,955.0 | |
| Beverages and tobacco | 6,750.3 | 7,063.5 | 579.6 | 506.7 | 564.5 | 580.9 | 572.7 | 622.7 | 574.2 | 730.6 | 727.4 | 640.6 | 500.0 | 535.2 | 512.4 | |
| Crude materials, inedible, exc. fuels # | 25,462.0 | 25,367.4 | 2,252.8 | 2,036.1 | 1,915.9 | 1,968.4 | 2,004.3 | 1,954.2 | 2,063.8 | 2,353.9 | 2,191.9 | 2,147.0 | 2,180.0 | 2,219.1 | 2,333.3 | |
| Mineral fuels, lubricants, etc. # | 12,033.2 | 11,122.3 | 817.0 | 923.5 | 946.6 | 959.7 | 1,015.1 | 867.5 | 864.8 | 839.7 | 946.3 | 1,077.2 | 935.8 | 789.1 | 768.0 | |
| Oils and fats, animal and vegetable | 1,147.1 | 1,447.3 | 113.4 | 107.4 | 118.2 | 122.1 | 122.9 | 126.1 | 136.2 | 142.8 | 110.3 | 106.3 | 112.3 | 134.6 | 138.5 | |
| Chemicals | 42,966.7 | 43,956.2 | 3,807.3 | 3,751.1 | 3,873.0 | 4,006.9 | 3,700.3 | 3,512.5 | 3,714.7 | 3,818.6 | 3,314.0 | 3,396.8 | 3,690.0 | 3,550.5 | 4,013.4 | |
| Manufactured goods class. chiefly by material | 35,566.0 | 36,301.9 | 3,157.2 | 3,073.7 | 3,058.6 | 3,129.5 | 2,879.1 | 2,992.1 | 3,155.2 | 3,180.4 | 3,032.9 | 2,801.6 | 2,892.4 | 2,913.5 | 3,334.5 | |
| Miscellaneous manufactured articles | 43,162.2 | 48,001.2 | 4,354.3 | 3,930.3 | 3,973.2 | 4,222.5 | 3,793.2 | 3,744.2 | 4,068.4 | 4,444.3 | 4,054.6 | 3,884.7 | 3,833.5 | 3,840.8 | 4,517.2 | |
| Machinery and transport equipment, total | 187,359.9 | 200,933.5 | 18,301.9 | 16,816.4 | 16,350.8 | 18,315.0 | 15,224.0 | 15,054.3 | 16,733.8 | 17,755.3 | 16,783.3 | 18,061.5 | 15,447.1 | 16,205.9 | 19,449.5 | |
| Motor vehicles and parts | 28,175.1 | 32,253.1 | 2,874.4 | 2,956.7 | 2,951.2 | 2,963.3 | 2,148.4 | 2,261.3 | 2,593.4 | 2,756.6 | 3,136.9 | 3,070.4 | 2,365.3 | 2,945.2 | 3,489.8 | |
| VALUE OF IMPORTS | | | | | | | | | | | | | | | | |
| <i>(Millions of dollars)</i> | | | | | | | | | | | | | | | | |
| General imports, total @ | 488,453.0 | 532,664.8 | 43,344.0 | 42,295.1 | 42,145.6 | 45,811.8 | 45,872.4 | 45,055.4 | 46,503.4 | 49,820.4 | 46,314.4 | 45,812.8 | 42,035.0 | 41,909.3 | 50,628.2 | |
| Seasonally adjusted | | | 42,723.8 | 43,388.7 | 43,645.1 | 44,889.0 | 44,937.8 | 45,054.0 | 45,967.9 | 46,118.6 | 45,632.8 | 46,143.1 | 45,176.2 | 44,832.2 | 49,203.1 | |
| Western Europe | | | | | | | | | | | | | | | | |
| European Community | 102,596.5 | 110,794.3 | 9,189.6 | 9,290.6 | 8,682.5 | 9,574.4 | 9,888.9 | 8,757.3 | 9,137.8 | 10,350.0 | 9,833.5 | 10,058.9 | 8,022.3 | 8,240.2 | 10,402.5 | |
| Belgium and Luxembourg | 66,480.9 | 94,050.1 | 7,747.3 | 7,862.8 | 7,303.3 | 8,126.7 | 8,453.3 | 7,588.1 | 7,720.3 | 8,783.5 | 8,320.3 | 8,577.8 | 6,892.7 | 7,019.6 | 8,735.1 | |
| France | 4,138.7 | 4,705.8 | 335.9 | 361.3 | 375.5 | 404.5 | 492.8 | 294.5 | 415.8 | 492.1 | 435.9 | 414.3 | 422.2 | 387.2 | 448.3 | |
| Federal Republic of Germany | 13,372.1 | 14,810.3 | 1,249.0 | 1,439.2 | 1,044.0 | 1,317.0 | 1,289.6 | 1,096.6 | 1,276.0 | 1,326.2 | 1,236.9 | 1,376.2 | 1,033.9 | 1,121.5 | 1,357.3 | |
| Italy | 28,228.8 | 28,828.8 | 2,396.8 | 2,486.9 | 2,285.2 | 2,333.0 | 2,439.3 | 2,343.6 | 2,332.6 | 2,762.1 | 2,678.4 | 2,742.9 | 1,959.8 | 2,203.0 | 2,588.6 | |
| Netherlands | 11,787.4 | 12,300.1 | 1,084.2 | 957.3 | 913.6 | 1,168.2 | 1,210.5 | 1,169.3 | 852.3 | 1,012.1 | 1,147.0 | 1,047.0 | 918.2 | 863.5 | 1,179.7 | |
| United Kingdom | 4,827.0 | 5,287.2 | 441.8 | 369.1 | 481.0 | 442.1 | 519.3 | 431.9 | 465.5 | 535.8 | 424.5 | 446.6 | 420.3 | 383.6 | 496.7 | |
| Eastern Europe | 18,519.6 | 20,151.7 | 1,574.4 | 1,576.3 | 1,599.9 | 1,773.9 | 1,765.9 | 1,641.5 | 1,752.2 | 1,924.7 | 1,706.0 | 1,787.0 | 1,498.2 | 1,492.5 | 1,937.1 | |
| Former Soviet Republics | 1,809.8 | 1,981.0 | 156.0 | 140.8 | 125.2 | 156.6 | 207.9 | 163.1 | 184.7 | 159.1 | 153.7 | 206.9 | 166.2 | 178.2 | 248.9 | |
| Western Hemisphere: | 812.9 | 817.2 | 50.2 | 55.3 | 42.1 | 58.0 | 94.2 | 74.7 | 96.9 | 58.8 | 61.0 | 81.2 | 63.7 | 93.6 | 138.8 | |
| Canada | 91,141.1 | 98,497.2 | 8,659.8 | 8,457.1 | 8,502.4 | 8,814.9 | 7,228.0 | 7,816.8 | 8,580.6 | 9,011.4 | 8,378.8 | 8,221.6 | 7,862.4 | 8,544.3 | 10,053.7 | |
| Brazil | 6,726.8 | 7,610.7 | 624.6 | 582.0 | 682.6 | 701.3 | 615.5 | 652.9 | 564.0 | 584.0 | 774.8 | 579.8 | 548.2 | 366.7 | 638.0 | |
| Mexico | 31,194.3 | 35,184.0 | 2,939.1 | 2,933.3 | 2,951.9 | 3,161.8 | 2,849.3 | 2,978.3 | 3,033.5 | 3,392.8 | 3,021.3 | 2,814.5 | 2,811.4 | 2,989.0 | 3,459.1 | |
| Venezuela | 8,228.4 | 8,167.5 | 599.5 | 554.5 | 593.5 | 683.9 | 737.1 | 685.3 | 821.9 | 853.7 | 759.7 | 771.6 | 679.2 | 604.1 | 688.3 | |
| Asia: | | | | | | | | | | | | | | | | |
| China | 18,975.8 | 25,675.6 | 1,436.8 | 1,678.1 | 1,837.2 | 2,165.3 | 2,491.4 | 2,598.7 | 2,765.2 | 2,740.7 | 2,314.6 | 2,039.9 | 2,189.5 | 1,867.2 | 2,083.7 | |
| Hong Kong | 9,286.4 | 9,799.3 | 592.6 | 666.9 | 719.5 | 846.2 | 942.5 | 903.1 | 924.4 | 1,051.6 | 878.3 | 793.7 | 790.4 | 560.4 | 678.0 | |
| Japan | 91,582.7 | 96,542.5 | 8,338.0 | 7,776.1 | 7,161.2 | 7,549.9 | 8,114.2 | 7,745.9 | 8,277.9 | 9,081.5 | 8,579.7 | 9,058.2 | 7,616.3 | 8,020.6 | 9,667.3 | |
| Republic of Korea | 17,024.5 | 16,690.6 | 1,313.9 | 1,322.2 | 1,335.8 | 1,429.0 | 1,645.6 | 1,475.9 | 1,424.7 | 1,549.3 | 1,345.0 | 1,299.0 | 1,059.2 | 1,160.1 | 1,403.1 | |
| Saudi Arabia | 10,978.2 | 10,366.9 | 755.9 | 759.5 | 811.2 | 1,071.3 | 955.6 | 859.8 | 907.8 | 866.2 | 841.7 | 877.1 | 880.7 | 705.3 | 775.4 | |
| Singapore | 9,976.3 | 11,317.5 | 957.9 | 838.8 | 848.1 | 1,029.3 | 893.1 | 994.3 | 1,066.8 | 984.6 | 1,084.8 | 1,052.4 | 851.1 | 822.9 | 1,115.8 | |
| Taiwan | 23,036.3 | 24,601.1 | 1,921.1 | 1,889.5 | 2,024.6 | 2,108.0 | 2,209.8 | 2,205.9 | 2,153.4 | 2,224.4 | 2,030.6 | 2,033.1 | 1,972.0 | 1,663.0 | 2,114.3 | |
| Africa: | | | | | | | | | | | | | | | | |
| Nigeria | 5,360.1 | 5,073.7 | 266.6 | 454.6 | 538.3 | 573.6 | 573.3 | 506.7 | 332.9 | 539.6 | 452.2 | 352.4 | 455.5 | 412.5 | 537.9 | |
| Republic of South Africa | 1,733.3 | 1,723.0 | 129.1 | 153.2 | 137.2 | 176.6 | 145.6 | 144.5 | 155.2 | 147.7 | 146.9 | 153.6 | 140.2 | 119.6 | 165.1 | |
| Australia | 4,010.0 | 3,677.7 | 300.6 | 349.4 | 289.2 | 326.8 | 315.5 | 309.0 | 279.2 | 272.4 | 324.8 | 288.8 | 337.1 | 212.3 | 246.8 | |
| OPEC | 32,960.6 | 32,952.8 | 2,260.6 | 2,398.6 | 2,617.5 | 3,075.6 | 3,128.1 | 2,924.8 | 2,898.5 | 3,143.4 | 2,913.5 | 2,863.9 | 2,722.3 | 2,465.5 | 2,876.8 | |
| By commodity groups and principal commodities: | | | | | | | | | | | | | | | | |
| Petroleum and products | | | | | | | | | | | | | | | | |
| Nonpetroleum products | | | | | | | | | | | | | | | | |
| Food and live animals # | 21,952.3 | 22,645.5 | 2,021.9 | 2,050.2 | 1,834.3 | 1,930.0 | 1,797.2 | 1,706.2 | 1,774.0 | 1,947.7 | | | | | | |

| Unless otherwise stated in footnotes below, data through 1991 and methodological notes are as shown in BUSINESS STATISTICS, 1963-91 | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|---|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| 7. FOREIGN TRADE OF THE UNITED STATES—Continued | | | | | | | | | | | | | | | | |
| Export and Import Price Indexes @ | | | | | | | | | | | | | | | | |
| <i>(1990=100)</i> | | | | | | | | | | | | | | | | |
| All exports | 100.8 | 100.9 | 100.7 | 100.9 | 101.3 | 101.0 | 101.1 | 100.8 | 101.2 | 100.8 | 100.7 | 100.8 | 101.0 | 101.2 | 101.1 | 101.4 |
| Agricultural exports | 99.0 | 98.1 | 100.3 | 98.8 | 99.0 | 99.6 | 98.9 | 95.4 | 97.7 | 95.7 | 96.5 | 97.8 | 98.5 | 97.9 | 97.5 | 97.9 |
| Nonagricultural exports | 100.9 | 101.2 | 100.7 | 100.9 | 101.2 | 101.3 | 101.5 | 101.8 | 101.7 | 101.5 | 101.4 | 101.4 | 101.4 | 101.8 | 101.7 | 102.0 |
| All imports | 99.7 | 100.4 | 99.3 | 99.0 | 99.5 | 100.3 | 100.8 | 101.2 | 101.4 | 102.2 | 101.6 | 100.1 | 100.1 | 99.7 | 100.2 | 100.5 |
| Petroleum imports | 88.0 | 82.4 | 75.2 | 77.3 | 83.2 | 86.3 | 86.9 | 87.5 | 86.7 | 88.4 | 86.4 | 80.7 | 80.8 | 78.6 | 81.2 | 81.8 |
| Nonpetroleum imports | 101.2 | 102.6 | 102.4 | 101.7 | 101.6 | 102.1 | 102.5 | 102.9 | 103.3 | 103.9 | 103.5 | 102.5 | 102.6 | 102.3 | 102.5 | 102.7 |
| Shipping Weight and Value | | | | | | | | | | | | | | | | |
| Waterborne trade: | | | | | | | | | | | | | | | | |
| Exports (incl. reexports): | | | | | | | | | | | | | | | | |
| Shipping weight, thous. metric tons | 389,562 | 387,525 | 31,140 | 32,230 | 30,496 | 31,276 | 32,881 | 29,794 | 32,336 | 33,970 | 34,173 | 34,729 | 31,578 | | | |
| Value, mil. \$ | 162,346 | 170,311 | 14,682 | 14,216 | 13,925 | 14,315 | 13,919 | 13,689 | 13,656 | 15,422 | 14,290 | 14,865 | 13,657 | | | |
| General imports: | | | | | | | | | | | | | | | | |
| Shipping weight, thous. metric tons | 448,852 | 473,722 | 36,593 | 38,135 | 39,406 | 41,545 | 40,995 | 39,787 | 41,587 | 44,620 | 40,739 | 39,940 | 41,918 | | | |
| Value, mil. \$ | 272,286 | 291,726 | 22,670 | 23,280 | 22,686 | 24,774 | 26,340 | 25,456 | 25,293 | 27,405 | 24,666 | 24,822 | 23,570 | | | |

8. TRANSPORTATION AND COMMUNICATION

| TRANSPORTATION | | | | | | | | | | | | | | | | |
|--|---------|---------|--------|-------|--------|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| Air Carriers | | | | | | | | | | | | | | | | |
| Certificated route carriers: | | | | | | | | | | | | | | | | |
| Passenger-miles (revenue), billions | 447.95 | 478.08 | 38.26 | 36.08 | 38.55 | 44.53 | 49.06 | 51.32 | 40.31 | 39.09 | 35.75 | 37.82 | 36.19 | 33.38 | | |
| Passenger-load factor, percent | 62.6 | 63.6 | 62.5 | 60.0 | 61.7 | 69.1 | 72.6 | 75.7 | 63.8 | 61.8 | 59.3 | 59.9 | 57.4 | 56.4 | | |
| Ton-miles (revenue), total, millions | 56,925 | 60,862 | 4,922 | 4,667 | 4,929 | 5,550 | 6,004 | 6,207 | 5,130 | 5,111 | 4,696 | 4,976 | 4,609 | 4,353 | | |
| Operating revenues (quarterly), mil. \$ | 75,023 | | 18,830 | | 19,301 | | | | 20,704 | | | | | | | |
| Passenger revenues, mil. \$ | 57,055 | | 14,550 | | 14,764 | | | | 16,013 | | | | | | | |
| Cargo revenues, mil. \$ | 5,508 | | 1,391 | | 1,450 | | | | 1,492 | | | | | | | |
| Mail revenues, mil. \$ | 944 | | 276 | | 280 | | | | 279 | | | | | | | |
| Operating expenses (quarterly), mil. \$ | 76,815 | | 19,292 | | 19,894 | | | | 20,784 | | | | | | | |
| Net income after taxes (quarterly), mil. \$ | -1,986 | | -593 | | -689 | | | | -108 | | | | | | | |
| Domestic operations: | | | | | | | | | | | | | | | | |
| Passenger-miles (revenue), billions | 332.57 | 347.50 | 28.00 | 26.38 | 27.84 | 32.47 | 35.91 | 37.30 | 28.79 | 28.05 | 26.24 | 27.64 | 25.62 | 24.51 | | |
| Cargo ton-miles, millions | 4,946 | 5,191 | 434 | 428 | 435 | 440 | 440 | 434 | 446 | 475 | 422 | 448 | 395 | 398 | | |
| Mail ton-miles, millions | 1,412 | 1,568 | 127 | 130 | 122 | 117 | 122 | 119 | 123 | 139 | 126 | 195 | 135 | 123 | | |
| Operating revenues (quarterly), mil. \$ | 56,165 | | 14,313 | | 14,253 | | | | 14,683 | | | | | | | |
| Operating expenses (quarterly), mil. \$ | 56,691 | | 14,249 | | 14,556 | | | | 14,851 | | | | | | | |
| Net income after taxes (quarterly), mil. \$ | -1,271 | | -48 | | -505 | | | | -292 | | | | | | | |
| International operations: | | | | | | | | | | | | | | | | |
| Passenger-miles (revenue), billions | 115.39 | 130.58 | 10.26 | 9.70 | 10.71 | 12.06 | 13.15 | 14.02 | 11.53 | 11.03 | 9.51 | 10.18 | 10.57 | 8.87 | | |
| Cargo ton-miles, millions | 5,279 | 5,798 | 496 | 463 | 480 | 502 | 498 | 483 | 492 | 545 | 526 | 490 | 423 | 460 | | |
| Mail ton-miles, millions | 493 | 496 | 39 | 39 | 38 | 38 | 39 | 39 | 37 | 43 | 46 | 62 | 36 | 34 | | |
| Operating revenues (quarterly), mil. \$ | 18,858 | | 4,518 | | 5,048 | | | | 6,021 | | | | | | | |
| Operating expenses (quarterly), mil. \$ | 20,124 | | 5,043 | | 5,338 | | | | 5,932 | | | | | | | |
| Net income after taxes (quarterly), mil. \$ | -715 | | -545 | | -184 | | | | 184 | | | | | | | |
| Urban Transit Industry | | | | | | | | | | | | | | | | |
| Passengers carried, total, millions | 8,643 | 8,555 | 758 | 734 | 714 | 712 | 694 | 673 | 708 | 759 | 695 | 698 | | | | |
| Motor Carriers | | | | | | | | | | | | | | | | |
| Carriers of property, large, class I, qtrly.: | | | | | | | | | | | | | | | | |
| Number of reporting carriers, number | 100 | 100 | 100 | | | 100 | | | 100 | | | 100 | | | | |
| Operating revenues, total, mil. \$ | 22,091 | 24,180 | 5,553 | | | 6,037 | | | 6,270 | | | 6,333 | | | | |
| Net income, after extraordinary and prior period charges and credits, mil. \$ | 314 | 446 | 82 | | | 165 | | | 169 | | | 13 | | | | |
| Tonnage hauled (revenue), common and contract carrier service, mil. tons | 178 | 207 | 47 | | | 49 | | | 49 | | | 54 | | | | |
| Freight carried—volume indexes, class I and II intercity truck tonnage (ATA): | | | | | | | | | | | | | | | | |
| Common carriers of general freight, seas. adj., 1967=100 | 182.0 | 201.4 | 199.2 | 200.8 | 202.5 | 203.9 | 206.5 | 202.0 | 200.3 | 200.0 | 203.5 | 209.0 | 215.7 | 212.4 | 209.0 | |
| Class I Railroads ‡ | | | | | | | | | | | | | | | | |
| Financial operations, quarterly (AAR), excluding Amtrak: | | | | | | | | | | | | | | | | |
| Operating revenues, total, mil. \$ # | 27,845 | 28,349 | 7,049 | | | 7,001 | | | 7,092 | | | 7,240 | | | | |
| Freight, mil. \$ | 26,949 | 27,508 | 6,831 | | | 6,795 | | | 6,888 | | | 7,025 | | | | |
| Passenger, excl. Amtrak, mil. \$ | 94 | 90 | 23 | | | 24 | | | 22 | | | 21 | | | | |
| Operating expenses, mil. \$ | 28,062 | 25,316 | 6,158 | | | 6,664 | | | 6,367 | | | 6,156 | | | | |
| Net railway operating income, mil. \$ | -38 | 1,960 | 595 | | | 265 | | | 507 | | | 601 | | | | |
| Ordinary income, mil. \$ † | -92 | 2,060 | 587 | | | 162 | | | 411 | | | 892 | | | | |
| Traffic: | | | | | | | | | | | | | | | | |
| Revenue ton-miles, qtrly, (AAR), billions | 1,039.8 | 1,064.0 | 265.3 | | | 258.8 | | | 266.6 | | | 274.2 | | | 266.3 | 283.7 |
| Producer Price Index, line haul operations, 12/84=100 | 109.3 | 110.0 | 109.9 | 109.9 | 110.0 | 110.0 | 109.8 | 109.9 | 109.9 | 110.1 | 110.1 | 110.3 | 110.4 | 110.4 | 110.6 | 110.6 |
| Travel | | | | | | | | | | | | | | | | |
| Lodging industry: | | | | | | | | | | | | | | | | |
| Restaurant sales index, same month 1967=100 | | | | | | | | | | | | | | | | |
| Hotels: Average room sale, dollars ◊ | | | | | | | | | | | | | | | | |
| Rooms occupied, % of total | | | | | | | | | | | | | | | | |
| Motor hotels: Average room sale, dollars ◊ | | | | | | | | | | | | | | | | |
| Rooms occupied, % of total | | | | | | | | | | | | | | | | |
| Economy hotels: Average room sale, dollars ◊ | | | | | | | | | | | | | | | | |
| Rooms occupied, % of total | | | | | | | | | | | | | | | | |
| Foreign travel: | | | | | | | | | | | | | | | | |
| U.S. citizens: Arrivals (quarterly), thousands | 17,839 | | 1,520 | 1,441 | | | | | | | | | | | | |
| Departures (quarterly), thousands | 17,579 | | 1,336 | 1,353 | | | | | | | | | | | | |
| Aliens: Arrivals (quarterly), thousands | 17,625 | | 1,263 | 1,483 | | | | | | | | | | | | |
| Departures (quarterly), thousands | 15,708 | | 1,008 | 1,225 | | | | | | | | | | | | |
| Passports issued, thousands | 3,376 | 3,282 | 340 | 347 | 313 | 367 | 308 | 243 | 224 | 207 | 196 | 214 | 258 | 342 | 460 | 424 |
| National parks, recreation visits, thousands ## | 56,750 | 57,888 | 2,324 | 3,335 | 5,121 | 7,723 | 10,379 | 10,255 | 6,747 | 4,972 | 2,148 | 1,575 | 1,554 | 1,611 | 2,172 | 2,953 |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1991 and methodological notes are as shown in BUSINESS STATISTICS, 1963-91 | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|---|--------|------|------|------|-----|------|------|------|-------|------|------|------|------|------|------|------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |

8. TRANSPORTATION AND COMMUNICATION—Continued

| COMMUNICATION | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
|---|------|------|------|------|-----|------|------|------|-------|------|------|------|------|------|------|------|
| Telephone carriers: | | | | | | | | | | | | | | | | |
| Operating revenues, mil. \$ # | | | | | | | | | | | | | | | | |
| Station revenues, mil. \$ | | | | | | | | | | | | | | | | |
| Tolls, message, mil. \$ | | | | | | | | | | | | | | | | |
| Operating expenses (excluding taxes), mil. \$ | | | | | | | | | | | | | | | | |
| Net operating income (after taxes), mil. \$ | | | | | | | | | | | | | | | | |
| Access lines, millions | | | | | | | | | | | | | | | | |

9. CHEMICALS AND ALLIED PRODUCTS

| CHEMICALS | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
|--|----------------------|----------------------|------------------|-------|-------|------------------|-------|------|---------|-------|-------|---------|------|------|------|------|
| Inorganic Chemicals | | | | | | | | | | | | | | | | |
| <i>[Thousands of short tons, unless otherwise indicated]</i> | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | |
| Aluminum sulfate, commercial (17% Al ₂ O ₃) | 1,185 | 812 | (²) | | | 276 | | | 287 | | | 249 | | | | |
| Chlorine gas (100% Cl ₂) | 11,421 | 11,141 | 2,709 | | | 2,733 | | | 2,830 | | | 2,870 | | | | |
| Hydrochloric acid (100% HCl) | 3,301 | 2,876 | 664 | | | 739 | | | 698 | | | 774 | | | | |
| Phosphorus, elemental | 306 | 281 | 77 | | | 70 | | | 61 | | | 73 | | | | |
| Sodium hydroxide (100% NaOH) | 11,713 | 12,012 | 2,937 | | | 2,953 | | | 3,051 | | | 3,070 | | | | |
| Sodium silicate, anhydrous | 870 | 900 | 223 | | | 225 | | | 224 | | | 228 | | | | |
| Sodium sulfate (100% Na ₂ SO ₄) | 794 | 672 | 168 | | | 186 | | | 155 | | | 162 | | | | |
| Sodium triphosphate (100% Na ₃ P ₃ O ₁₀) | 462 | (⁴) | (⁴) | | | (⁴) | | | | | | | | | | |
| Titanium dioxide (composite and pure) | 1,095 | 1,263 | 291 | | | 324 | | | 327 | | | 321 | | | | |
| Sulfur, native (Frasch) and recovered: | | | | | | | | | | | | | | | | |
| Production, thous. metric tons | 9,515 | 9,370 | 797 | 758 | 801 | 798 | 804 | 765 | 724 | 824 | 741 | 792 | 767 | | | |
| Stocks (producers') end of period, thous. metric tons | 1,195 | 809 | 1,130 | 1,061 | 1,036 | 1,017 | 916 | 845 | 765 | 807 | 812 | 809 | 765 | | | |
| Inorganic Fertilizer Materials | | | | | | | | | | | | | | | | |
| <i>[Thousands of short tons, unless otherwise indicated]</i> | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | |
| Ammonia, synthetic anhydrous | 17,167 | 17,975 | 4,588 | | | 4,607 | | | 4,262 | | | 4,518 | | | | |
| Ammonium nitrate, original solution | 7,777 | 7,667 | 1,936 | | | 1,950 | | | 1,866 | | | 1,915 | | | | |
| Ammonium sulfate | 2,243 | 2,361 | 569 | | | 611 | | | 592 | | | 589 | | | | |
| Nitric acid (100% HNO ₃) | 7,925 | 8,041 | 2,019 | | | 2,039 | | | 1,968 | | | 2,015 | | | | |
| Nitrogen solutions (100% N) | 3,208 | 3,452 | 859 | | | 927 | | | 809 | | | 857 | | | | |
| Phosphoric acid (100% P ₂ O ₅) | 12,056 | 12,679 | 3,170 | | | 3,140 | | | 3,154 | | | 3,215 | | | | |
| Sulfuric acid (100% H ₂ SO ₄) | 43,350 | 44,399 | 11,109 | | | 10,869 | | | 11,022 | | | 11,399 | | | | |
| Superphosphate and other phosphatic fertilizers (gross weight): | | | | | | | | | | | | | | | | |
| Production | 19,418 | 20,039 | 5,009 | | | 5,092 | | | 4,862 | | | 5,076 | | | | |
| Stocks, end of period | 701 | 849 | 695 | | | 635 | | | 665 | | | 849 | | | | |
| Potash, sales (K ₂ O) | 5,460 | 5,866 | 526 | 779 | 848 | 261 | 278 | 602 | 380 | 438 | 229 | 439 | | | | |
| Imports: | | | | | | | | | | | | | | | | |
| Ammonium nitrate, thous. metric tons | | | | | | | | | | | | | | | | |
| Ammonium sulfate, thous. metric tons | | | | | | | | | | | | | | | | |
| Potassium chloride, thous. metric tons | | | | | | | | | | | | | | | | |
| Sodium nitrate, thous. metric tons | | | | | | | | | | | | | | | | |
| Industrial Gases | | | | | | | | | | | | | | | | |
| <i>[Millions of cubic feet]</i> | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | |
| Acetylene | 5,603 | 5,321 | 1,333 | | | 1,283 | | | 1,324 | | | 1,381 | | | | |
| Hydrogen (high and low purity) | 152,183 | 163,002 | 38,612 | | | 39,241 | | | 42,356 | | | 42,793 | | | | |
| Nitrogen (high and low purity) | 758,823 | 810,287 | 196,371 | | | 200,879 | | | 206,177 | | | 206,860 | | | | |
| Oxygen (high and low purity) | 472,215 | 511,949 | 121,384 | | | 125,852 | | | 132,100 | | | 132,613 | | | | |
| Organic Chemicals § | | | | | | | | | | | | | | | | |
| <i>[Thousands of metric tons, unless otherwise indicated]</i> | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | |
| Acetylsalicylic acid (aspirin) | ³ 19.4 | (³) | (³) | | | | | | | | | | | | | |
| Ethyl acetate | ¹ 126.1 | ¹ 134.5 | 33.7 | | | 33.2 | | | 33.5 | | | 34.1 | | | | |
| Formaldehyde (37% HCHO) | ¹ 2,913.7 | ¹ 3,164.8 | 788.4 | | | 782.7 | | | 806.2 | | | 787.5 | | | | |
| Glycerin, refined, all grades, mil. lb. ◊ | 298.1 | 333.1 | 28.9 | 26.9 | 23.0 | 28.2 | 31.9 | 27.2 | 27.5 | 32.0 | 26.7 | 24.3 | | | | |
| Methanol, synthetic | ¹ 3,925.3 | ¹ 3,958.9 | 999.4 | | | 968.2 | | | 948.1 | | | 1,043.1 | | | | |
| Phthalic anhydride | ¹ 396.3 | ¹ 407.4 | 102.3 | | | 95.3 | | | 112.0 | | | 97.8 | | | | |
| ALCOHOL | | | | | | | | | | | | | | | | |
| Ethyl alcohol and spirits: | | | | | | | | | | | | | | | | |
| Production, mil. tax gal. | 1,198.8 | | 115.6 | 109.5 | 112.6 | 109.6 | 113.4 | 80.4 | 113.1 | 115.0 | 111.2 | | | | | |
| Stocks, end of period, mil. tax gal. | 37.4 | | 39.2 | 37.3 | 24.0 | 37.3 | 40.9 | 35.3 | 33.7 | 30.7 | 34.5 | | | | | |
| Denatured alcohol: | | | | | | | | | | | | | | | | |
| Production, mil. wine gal. | 664.9 | | 61.7 | 54.2 | 33.7 | 31.8 | 64.9 | 59.7 | 68.1 | 71.7 | 53.1 | | | | | |
| Consumption (withdrawals), mil. wine gal. | 702.7 | | 61.3 | 50.6 | 30.8 | 97.1 | 55.4 | 39.0 | 72.0 | 63.8 | 58.2 | | | | | |
| For fuel use, mil. wine gal. | 354.6 | | 31.5 | 27.3 | 13.7 | 19.1 | 25.4 | 29.5 | 43.8 | 35.5 | 31.1 | | | | | |
| Stocks, end of period, mil. wine gal. | 8.8 | | 19.2 | 19.9 | 19.9 | 15.2 | 24.3 | 26.8 | 22.4 | 24.7 | 25.4 | | | | | |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1991 and methodological notes are as shown in BUSINESS STATISTICS, 1993-91 | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|---|--------|------|------|------|-----|------|------|------|-------|------|------|------|------|------|------|------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |

9. CHEMICALS AND ALLIED PRODUCTS—Continued

| 9. CHEMICALS AND ALLIED PRODUCTS—Continued | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------|---------|--|--|---------|--|--|---------|--|--|---------|--|--|--|--|
| PLASTICS AND RESIN MATERIALS | | | | | | | | | | | | | | | | |
| <i>(Thousands of metric tons)</i> | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | |
| Phenolic resins | 1,200.6 | | | | | | | | | | | | | | | |
| Polyethylene and copolymers | ¹ 7,514.0 | ¹ 7,445.2 | 1,842.9 | | | 1,865.4 | | | 1,877.2 | | | 1,816.5 | | | | |
| Polypropylene | ¹ 3,397.2 | ¹ 3,562.3 | 814.3 | | | 901.8 | | | 914.3 | | | 881.9 | | | | |
| Polystyrene and copolymers | 3,310.5 | | | | | | | | | | | | | | | |
| Polyvinyl chloride and copolymers | ¹ 3,977.4 | 5,187.7 | 1,628.2 | | | 1,381.7 | | | 1,376.9 | | | 1,144.6 | | | | |
| PAINTS, VARNISH, AND LACQUER | | | | | | | | | | | | | | | | |
| <i>(Millions of dollars)</i> | | | | | | | | | | | | | | | | |
| Total shipments | 11,707.3 | | 2,831.5 | | | 3,427.0 | | | 3,278.1 | | | 2,803.2 | | | | |
| Architectural coatings | 4,881.9 | | 1,118.7 | | | 1,483.4 | | | 1,363.2 | | | 1,022.4 | | | | |
| Product coatings (OEM) | 3,976.7 | | 1,059.4 | | | 1,131.5 | | | 1,093.0 | | | 1,059.1 | | | | |
| Special purpose coatings | 2,848.8 | | 653.4 | | | 812.1 | | | 821.9 | | | 721.6 | | | | |

10. ELECTRIC POWER AND GAS

| 10. ELECTRIC POWER AND GAS | | | | | | | | | | | | | | | | |
|---|-----------|------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------|--|--|--|
| ELECTRIC POWER | | | | | | | | | | | | | | | | |
| <i>(Millions of kilowatt-hours, unless otherwise indicated)</i> | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | |
| Electric utilities, total | 2,825,023 | ² 2,797,219 | ² 224,665 | ² 210,837 | ² 220,355 | ² 236,842 | ² 266,148 | ² 255,203 | ² 234,760 | ² 221,289 | ² 221,263 | ² 244,126 | 245,797 | | | |
| By fuels | 2,549,504 | ² 2,557,659 | ² 203,099 | ² 191,383 | ² 198,070 | ² 214,143 | ² 246,436 | ² 237,142 | ² 217,923 | ² 204,914 | ² 201,970 | ² 220,317 | 221,323 | | | |
| By waterpower | 275,519 | ² 239,559 | ² 21,566 | ² 19,454 | ² 22,285 | ² 22,698 | ² 19,711 | ² 18,062 | ² 16,838 | ² 16,375 | ² 19,294 | ² 23,808 | 24,474 | | | |
| Sales to ultimate customers, total (Edison Electric Institute) | | | | | | | | | | | | | | | | |
| Commercial \$ | 755,073 | 758,878 | 178,371 | | | 183,074 | | | 210,989 | | | 185,446 | | | | |
| Industrial \$ | 929,549 | 940,333 | 223,865 | | | 235,065 | | | 246,307 | | | 233,667 | | | | |
| Railways and railroads | 5,250 | 5,190 | 1,410 | | | 1,258 | | | 1,263 | | | 1,300 | | | | |
| Residential or domestic | 948,922 | 933,820 | 239,100 | | | 202,547 | | | 261,505 | | | 226,291 | | | | |
| Street and highway lighting | 15,278 | 15,395 | 3,984 | | | 3,607 | | | 3,586 | | | 4,139 | | | | |
| Other public authorities | 76,573 | 78,528 | 19,373 | | | 18,702 | | | 20,543 | | | 19,982 | | | | |
| Interdepartmental | 2,598 | 2,358 | 787 | | | 603 | | | 612 | | | 575 | | | | |
| Revenue from sales to ultimate customers (Edison Electric Institute), mil. \$ | 184,869 | 186,243 | 44,131 | | | 43,675 | | | 53,422 | | | 44,896 | | | | |
| GAS | | | | | | | | | | | | | | | | |
| Total utility gas, quarterly (American Gas Association): | | | | | | | | | | | | | | | | |
| Customers, end of period, total, thousands @ | 55,442 | | 56,241 | | | 56,052 | | | | | | | | | | |
| Residential | 50,883 | | 51,589 | | | 51,449 | | | | | | | | | | |
| Commercial | 4,340 | | 4,434 | | | 4,382 | | | | | | | | | | |
| Industrial @ | 171 | | 166 | | | 170 | | | | | | | | | | |
| Other | 49 | | 51 | | | 52 | | | | | | | | | | |
| Sales to customers, total, tril. Btu | 9,937 | | 3,674 | | | 1,900 | | | | | | | | | | |
| Residential | 4,639 | | 2,011 | | | 855 | | | | | | | | | | |
| Commercial | 2,241 | | 900 | | | 405 | | | | | | | | | | |
| Industrial | 1,754 | | 494 | | | 381 | | | | | | | | | | |
| Electric generation | 1,122 | | 196 | | | 208 | | | | | | | | | | |
| Other | 181 | | 73 | | | 51 | | | | | | | | | | |
| Revenue from sales to customers, total, mil. \$ | 45,316 | | 18,137 | | | 8,635 | | | | | | | | | | |
| Residential | 26,080 | | 10,751 | | | 4,973 | | | | | | | | | | |
| Commercial | 10,802 | | 4,322 | | | 1,979 | | | | | | | | | | |
| Industrial | 5,372 | | 1,625 | | | 1,102 | | | | | | | | | | |
| Electric generation | 2,537 | | 379 | | | 432 | | | | | | | | | | |
| Other | 545 | | 227 | | | 149 | | | | | | | | | | |

11. FOOD AND KINDRED PRODUCTS; TOBACCO

| 11. FOOD AND KINDRED PRODUCTS; TOBACCO | | | | | | | | | | | | | | | | |
|---|---------|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|--|--|
| ALCOHOLIC BEVERAGES | | | | | | | | | | | | | | | | |
| Beer: | | | | | | | | | | | | | | | | |
| Production, mil. bbl. | 202.19 | | 18.06 | 18.00 | 18.89 | 18.95 | 18.34 | 17.55 | 15.66 | 16.15 | 14.43 | | | | | |
| Taxable withdrawals, mil. bbl. | 180.99 | | 15.65 | 15.53 | 16.46 | 17.47 | 16.83 | 16.04 | 14.79 | 14.23 | 13.12 | | | | | |
| Stocks, end of period, mil. bbl. | 12.64 | | 14.79 | 15.29 | 15.45 | 15.38 | 14.99 | 14.50 | 13.40 | 13.41 | 13.07 | | | | | |
| Distilled spirits (total): | | | | | | | | | | | | | | | | |
| Production, mil. tax gal. | 108.75 | | 9.58 | 11.01 | 7.18 | 7.07 | 3.64 | 33.99 | 7.24 | 13.36 | 9.60 | | | | | |
| Consumption, apparent, for beverage purposes, mil. wine gal. | 346.30 | | 27.37 | 28.79 | 27.92 | 30.30 | 29.11 | 27.44 | 28.20 | 29.79 | 34.25 | | | | | |
| Stocks, end of period, mil. tax gal. | 402.10 | | 438.93 | 442.31 | 391.96 | 441.87 | 166.45 | 426.66 | 365.72 | 421.08 | 413.37 | | | | | |
| Imports, mil. proof liters | | | | | | | | | | | | | | | | |
| Whisky: | | | | | | | | | | | | | | | | |
| Production, mil. tax gal. | 71.12 | | 6.94 | 6.18 | 4.70 | 4.48 | 2.10 | 1.55 | 3.10 | 5.90 | 6.03 | | | | | |
| Stocks, end of period, mil. tax gal. | 341.87 | | 380.72 | 380.75 | 331.59 | 377.14 | 109.07 | 379.44 | 308.99 | 359.99 | 353.37 | | | | | |
| Imports, mil. proof liters | | | | | | | | | | | | | | | | |
| Wines and distilling materials: | | | | | | | | | | | | | | | | |
| Effervescent wines: | | | | | | | | | | | | | | | | |
| Production, mil. wine gal. | 22.76 | | 1.91 | 1.82 | 1.04 | 1.21 | 2.38 | 2.46 | 2.26 | 3.70 | 2.44 | | | | | |
| Taxable withdrawals, mil. wine gal. | 23.80 | | 1.17 | 1.55 | 1.53 | 1.36 | 1.41 | 1.77 | 2.21 | 4.27 | 4.24 | | | | | |
| Stocks, end of period, mil. wine gal. | 16.09 | | 17.67 | 22.90 | 17.77 | 17.76 | 17.69 | 15.82 | 18.58 | 18.51 | 15.62 | | | | | |
| Imports, mil. liters | | | | | | | | | | | | | | | | |
| Still wines: | | | | | | | | | | | | | | | | |
| Production, mil. wine gal. | 394.39 | | 3.33 | 2.74 | 5.02 | 6.41 | 4.64 | 44.89 | 140.10 | 80.69 | 28.16 | | | | | |
| Taxable withdrawals, mil. wine gal. | 376.41 | | 35.17 | 34.75 | 32.35 | 30.83 | 29.35 | 28.62 | 32.15 | 30.84 | 32.23 | | | | | |
| Stocks, end of period, mil. wine gal. | 580.09 | | 516.82 | 511.96 | 503.61 | 400.75 | 391.38 | 411.02 | 521.01 | 568.32 | 559.22 | | | | | |
| Imports, mil. liters | | | | | | | | | | | | | | | | |
| Distilling materials produced at wineries, mil. wine gal. | 110.731 | | 4.08 | 2.32 | 3.36 | 3.42 | 9.17 | 18.05 | 27.39 | 12.20 | 9.71 | | | | | |

See footnotes at end of tables.

| | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|---|---|----------|--------|--------|---------|--------|--------|---------|--------|---------|--------|--------|--------|---------|--------|--------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| | Unless otherwise stated in footnotes below, data through 1991 and methodological notes are as shown in BUSINESS STATISTICS, 1983-91 | | | | | | | | | | | | | | | |
| 11. FOOD AND KINDRED PRODUCTS; TOBACCO—Continued | | | | | | | | | | | | | | | | |
| DAIRY PRODUCTS | | | | | | | | | | | | | | | | |
| Butter: | | | | | | | | | | | | | | | | |
| Production (factory), mil. lb. | 1,336.3 | 1,344.5 | 129.9 | 119.7 | 118.3 | 103.2 | 96.8 | 84.8 | 90.0 | 100.4 | 98.3 | 115.1 | 144.4 | 138.9 | | |
| Stocks, cold storage, end of period, mil. lb. | 539.4 | 447.7 | 645.3 | 678.7 | 712.6 | 747.0 | 755.8 | 705.7 | 608.5 | 541.7 | 487.6 | 447.7 | 495.4 | 497.0 | 525.0 | 560.9 |
| Producer Price Index, 1982=100 | 69.5 | 59.2 | 60.7 | 60.7 | 60.4 | 55.9 | 56.0 | 56.0 | 58.1 | 58.3 | 58.1 | 58.0 | 53.7 | 54.0 | 54.0 | 55.0 |
| Cheese: | | | | | | | | | | | | | | | | |
| Production (factory), total, mil. lb. | 6,090.8 | 6,457.6 | 542.7 | 534.7 | 550.9 | 548.0 | 546.0 | 535.9 | 520.0 | 561.8 | 547.5 | 558.9 | 509.1 | 491.3 | | |
| American, whole milk, mil. lb. | 2,804.9 | 2,938.7 | 246.4 | 244.9 | 261.8 | 259.7 | 259.3 | 242.4 | 222.9 | 240.2 | 233.1 | 251.2 | 247.8 | 225.7 | | |
| Stocks, cold storage, end of period, mil. lb. | 415.3 | 462.0 | 449.0 | 449.7 | 455.9 | 465.2 | 496.2 | 488.0 | 470.9 | 449.7 | 441.1 | 462.0 | 476.1 | 451.9 | 460.0 | 449.5 |
| American, whole milk, mil. lb. | 317.8 | 341.1 | 335.5 | 334.7 | 340.3 | 343.4 | 369.1 | 364.2 | 349.8 | 328.0 | 319.2 | 341.1 | 346.8 | 327.5 | 326.7 | 316.2 |
| Imports, thous. metric tons | | | | | | | | | | | | | | | | |
| Price, wholesale, cheddar, single daisies (Chicago), \$ per lb. | | | | | | | | | | | | | | | | |
| Condensed and evaporated milk: | | | | | | | | | | | | | | | | |
| Production, case goods, mil. lb. | 543.1 | 590.7 | 52.4 | 54.0 | 54.7 | 52.4 | 50.7 | 44.3 | 42.2 | 51.9 | 46.2 | 50.1 | 45.4 | 37.4 | | |
| Stocks, manufacturers', case goods, end of period, mil. lb. | 34.7 | 41.5 | 61.0 | 60.7 | 73.8 | 82.6 | 82.9 | 86.8 | 77.8 | 65.6 | 68.7 | 41.5 | 53.0 | 64.6 | | |
| Exports, thous. metric tons | | | | | | | | | | | | | | | | |
| Fluid milk: | | | | | | | | | | | | | | | | |
| Production on farms, mil. lb. † | 125,683 | 128,300 | 11,096 | 10,850 | 11,280 | 10,897 | 10,900 | 10,673 | 10,263 | 10,532 | 10,184 | 10,659 | 10,760 | 9,965 | 11,087 | 10,967 |
| Utilization in manufactured dairy products, mil. lb. ... | 90,451 | 93,781 | 8,244 | 8,045 | 8,376 | 8,235 | 8,080 | 7,585 | 7,231 | 7,533 | 7,106 | 7,564 | 7,802 | 7,682 | | |
| Price, wholesale, U.S. average, \$ per 100 lb. | 12.26 | 13.10 | 12.50 | 12.50 | 12.90 | 13.20 | 13.40 | 13.50 | 13.50 | 13.40 | 13.10 | 12.80 | 12.02 | 12.30 | 12.20 | 12.40 |
| Dry milk: | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | |
| Dry whole milk, mil. lb. | 106.8 | 147.5 | 10.7 | 11.8 | 13.1 | 14.5 | 13.7 | 15.5 | 10.6 | 14.1 | 12.2 | 11.8 | 13.0 | 13.0 | | |
| Nonfat dry milk (human food), mil. lb. | 877.5 | 873.0 | 82.8 | 82.2 | 89.2 | 81.3 | 76.0 | 59.2 | 52.8 | 53.6 | 56.7 | 80.9 | 76.5 | 83.6 | | |
| Stocks, manufacturers', end of period: | | | | | | | | | | | | | | | | |
| Dry whole milk, mil. lb. | 8.5 | 9.1 | 7.2 | 8.6 | 9.2 | 10.9 | 12.4 | 7.9 | 6.7 | 8.9 | 9.8 | 9.1 | 6.3 | 7.2 | | |
| Nonfat dry milk (human food), mil. lb. | 61.0 | 77.4 | 62.4 | 66.2 | 76.3 | 98.4 | 112.5 | 113.6 | 95.6 | 81.9 | 79.9 | 77.4 | 70.3 | 70.4 | | |
| Exports, whole and nonfat (human food), thous. metric tons | | | | | | | | | | | | | | | | |
| Price, manufacturers' average selling, nonfat dry milk (human food), \$ per lb. | 893 | 1,030 | 924 | 1,011 | 1,071 | 1,092 | 1,132 | 1,146 | 1,039 | 1,023 | 1,040 | 1,029 | 1,053 | 1,087 | | |
| GRAIN AND GRAIN PRODUCTS | | | | | | | | | | | | | | | | |
| Exports (barley, corn, oats, rye, wheat), mil. bu. | | | | | | | | | | | | | | | | |
| Barley: | | | | | | | | | | | | | | | | |
| Production (crop estimate), mil. metric tons | 10,110 | 2,936 | | | | | | | | | | | | | | |
| Stocks (domestic), end of period, total, mil. metric tons | 6,715.0 | 6,758.6 | | | 4,200.0 | | | 9,110.0 | | 7,546.0 | | | | 5,325.0 | | |
| On farms, mil. metric tons | 4,274.0 | 4,319.0 | | | 4,983.0 | | | 5,683.0 | | 4,319.0 | | | | 2,675.0 | | |
| Off farms, mil. metric tons | 2,441.0 | 2,439.6 | | | 1,217.0 | | | 3,427.0 | | 3,227.0 | | | | 2,650.0 | | |
| Exports, including malt, thous. metric tons & Producer Price Index, No. 2 feed, Minneapolis, 1982=100 | 108.3 | 112.9 | 115.1 | 116.9 | 117.4 | 114.8 | 115.1 | 107.9 | 110.9 | 111.6 | 108.6 | 107.6 | 107.9 | 109.3 | 110.2 | 110.7 |
| Corn: | | | | | | | | | | | | | | | | |
| Production (crop estimate, grain only), mil. metric tons | 2,189.86 | 2,240.78 | | | | | | | | | | | | | | |
| Stocks (domestic), end of period, total, mil. metric tons | 6,166.15 | 6,200.71 | | | 3,69.56 | | | 27.95 | | 200.83 | | | | 144.24 | | |
| On farms, mil. metric tons | 4,109.09 | 4,145.72 | | | 3,38.55 | | | 15.38 | | 145.72 | | | | 92.21 | | |
| Off farms, mil. metric tons | 2,057.07 | 2,054.99 | | | 3,31.02 | | | 12.57 | | 55.11 | | | | 52.04 | | |
| Exports, including meal and flour, mil. metric tons | | | | | | | | | | | | | | | | |
| Producer Price Index, No. 2, Chicago, 1982=100 | 97.0 | 96.0 | 108.9 | 102.9 | 104.8 | 107.0 | 96.4 | 88.3 | 89.0 | 83.8 | 82.0 | 85.6 | 85.7 | 84.1 | 86.7 | 92.7 |
| Oats: | | | | | | | | | | | | | | | | |
| Production (crop estimate), mil. metric tons | 2,353.4 | 2,427.6 | | | | | | | | | | | | | | |
| Stocks (domestic), end of period, total, mil. metric tons | 2,485.0 | 2,185.4 | | | 2,185.4 | | | | | | | | | | | |
| On farms, mil. metric tons | 1,341.0 | 1,885.0 | | | 1,885.0 | | | | | | | | | | | |
| Off farms, mil. metric tons | 1,144.0 | 1,300.4 | | | 1,300.4 | | | | | | | | | | | |
| Exports, including oatmeal, metric tons | | | | | | | | | | | | | | | | |
| Producer Price Index, No. 2, Minneapolis, 1982=100 | 70.4 | 86.4 | 91.1 | 82.1 | 88.8 | 88.2 | 83.5 | 79.1 | 90.3 | 83.1 | 87.4 | 90.7 | 91.3 | 88.9 | 85.7 | 89.8 |
| Rice: | | | | | | | | | | | | | | | | |
| Production (crop estimate), mil. metric tons | 2,714.2 | 2,812.3 | | | | | | | | | | | | | | |
| Southern States mills: | | | | | | | | | | | | | | | | |
| Receipts, rough, from producers, mil. lb. | 10,150 | | 562 | 440 | 514 | 490 | 552 | | | | | | | | | |
| Shipments from mills, milled rice, mil. lb. | 6,614 | | 569 | 554 | 513 | 475 | 534 | | | | | | | | | |
| Stocks, domestic, rough and cleaned (cleaned basis), end of period, mil. lb. | 1,904 | | 1,538 | 1,249 | 1,112 | 970 | 766 | | | | | | | | | |
| Exports, thous. metric tons | | | | | | | | | | | | | | | | |
| Producer Price Index, medium grain, milled, 1982=100 | 110.2 | 105.7 | 112.4 | 111.1 | 104.1 | 100.7 | 101.3 | 101.1 | 104.9 | 104.9 | 105.5 | 98.7 | 93.5 | 92.5 | 89.4 | 88.2 |
| Rye: | | | | | | | | | | | | | | | | |
| Production (crop estimate), mil. metric tons | 2,248 | 2,304 | | | | | | | | | | | | | | |
| Producer Price Index, No. 2, Minneapolis, 1982=100 | | | | | | | | 74.7 | | 82.1 | 87.9 | | | | | 87.9 |
| Wheat: | | | | | | | | | | | | | | | | |
| Production (crop estimate), total, mil. metric tons | 2,539.2 | 2,669.2 | | | | | | | | | | | | | | |
| Spring wheat, mil. metric tons | 2,165.6 | 2,232.0 | | | | | | | | | | | | | | |
| Winter wheat, mil. metric tons | 373.6 | 437.2 | | | | | | | | | | | | | | |
| Distribution, quarterly, mil. metric tons @ | 67.43 | | | | 11.73 | | | 23.42 | | | | | | | | |
| Stocks (domestic), end of period, total, mil. metric tons | 6,392.9 | 6,432.4 | | | 4,128.4 | | | 57.36 | | 43.29 | | | | 28.45 | | |
| On farms, mil. metric tons | 1,537.0 | 1,829.0 | | | 3,94.0 | | | 26.65 | | 18.29 | | | | 10.29 | | |
| Off farms, mil. metric tons | 2,391.0 | 2,495.0 | | | 8.91 | | | 30.70 | | 25.00 | | | | 18.17 | | |
| Exports, total, including flour, mil. metric tons | | | | | | | | | | | | | | | | |
| Wheat only, mil. bu. | | | | | | | | | | | | | | | | |

See footnotes at end of tables.

| | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|--|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-------|-------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| 11. FOOD AND KINDRED PRODUCTS; TOBACCO—Continued | | | | | | | | | | | | | | | | |
| GRAIN AND GRAIN PRODUCTS—Continued | | | | | | | | | | | | | | | | |
| Wheat—Continued | | | | | | | | | | | | | | | | |
| Producer Price Indexes: | | | | | | | | | | | | | | | | |
| Hard red winter, No. 1, ord. protein (K.C.), 1982=100 | 78.1 | 97.3 | 106.6 | 101.0 | 97.8 | 104.0 | 88.9 | 81.2 | 88.4 | 91.6 | 93.1 | 96.1 | 97.5 | 94.2 | 91.8 | 92.2 |
| Hard red spring, No. 1, ord. protein (Minn.), 1982=100 | 82.1 | 107.3 | 112.3 | 107.9 | 111.7 | 118.1 | 100.3 | 94.9 | 103.9 | 104.8 | 106.4 | 102.7 | 108.0 | 103.0 | 104.1 | 104.9 |
| Wheat flour: | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | |
| Flour, thous. sacks (100 lb.) | 362,311 | 365,491 | 29,542 | 29,438 | 29,152 | 29,112 | 30,415 | 33,468 | 31,122 | 33,815 | 31,732 | 28,752 | | | | |
| Milled, thous. sh. tons | 6,436 | 6,537 | 529 | 527 | 521 | 521 | 551 | 601 | 548 | 595 | 566 | 518 | | | | |
| Grindings of wheat, thous. bu. | 808,966 | 822,391 | 65,701 | 66,313 | 65,806 | 65,859 | 68,695 | 75,864 | 70,514 | 76,465 | 70,702 | 64,350 | | | | |
| Stocks held by mills, end of period, thous. sacks (100 lb.) | 5,660 | 5,662 | 5,522 | | | 6,083 | | | 6,120 | | | 5,662 | | | | |
| Exports, thous. metric tons | | | | | | | | | | | | | | | | |
| Producer Price Index, 6/83=100 | 94.5 | 107.4 | 111.5 | 110.3 | 109.2 | 111.0 | 104.9 | 99.6 | 104.1 | 104.4 | 104.7 | 103.5 | 107.6 | 108.0 | 107.3 | 108.4 |
| POULTRY AND EGGS | | | | | | | | | | | | | | | | |
| Poultry: | | | | | | | | | | | | | | | | |
| Slaughter, mil. lb. | 24,982 | 26,492 | 2,172 | 2,169 | 2,166 | 2,312 | 2,328 | 2,223 | 2,287 | 2,351 | 2,056 | 2,260 | 2,207 | *2,029 | 2,319 | |
| Stocks, cold storage (frozen), end of period, total, mil. lb. | 579 | 651 | 699 | 754 | 808 | 920 | 1,015 | 1,032 | 1,096 | 1,073 | 678 | 651 | 694 | *736 | 734 | 828 |
| Turkeys, mil. lb. | 264 | 272 | 392 | 430 | 487 | 580 | 662 | 684 | 734 | 715 | 321 | 272 | 315 | *360 | 359 | 422 |
| Price, in Georgia producing area, live broilers, \$ per lb. | .295 | .305 | .285 | .285 | .305 | .305 | .330 | .340 | .305 | .315 | .320 | .305 | .300 | .305 | .310 | .330 |
| Eggs: | | | | | | | | | | | | | | | | |
| Production on farms, mil. cases \$ | 192.2 | 195.9 | 16.8 | 16.2 | 16.4 | 15.8 | 16.4 | 16.4 | 16.0 | 16.7 | 16.4 | 16.9 | 16.6 | 15.1 | 16.8 | 16.3 |
| Stocks, cold storage, end of period: | | | | | | | | | | | | | | | | |
| Shell, thous. cases \$ | 21 | 15 | 28 | 27 | 34 | 30 | 29 | 23 | 22 | 17 | 15 | 15 | 12 | *12 | 15 | 14 |
| Frozen, mil. lb. | 16 | 17 | 20 | 19 | 19 | 21 | 19 | 20 | 20 | 22 | 19 | 17 | 17 | 17 | 15 | 14 |
| Price, wholesale, large (delivered; Chicago), \$ per doz | .714 | .589 | .557 | .574 | .520 | .560 | .530 | .579 | .649 | .582 | .694 | .680 | .657 | .636 | .775 | |
| LIVESTOCK | | | | | | | | | | | | | | | | |
| Cattle and calves: | | | | | | | | | | | | | | | | |
| Slaughter (federally inspected): | | | | | | | | | | | | | | | | |
| Calves, thous. animals | 1,398 | 1,336 | 120 | 108 | 103 | 105 | 106 | 107 | 107 | 111 | 109 | 121 | 101 | 97 | 116 | 96 |
| Cattle, thous. animals | 31,887 | 32,094 | 2,599 | 2,525 | 2,688 | 2,863 | 2,802 | 2,721 | 2,748 | 2,793 | 2,490 | 2,632 | 2,601 | 2,411 | 2,712 | 2,623 |
| Prices, wholesale: | | | | | | | | | | | | | | | | |
| Beef steers, \$ per 100 lb. | | | | | | | | | | | | | | | | |
| Steers, stocker and feeder, \$ per 100 lb. | | | | | | | | | | | | | | | | |
| Calves, vealers (So. St. Paul), dollars | | | | | | | | | | | | | | | | |
| Hogs: | | | | | | | | | | | | | | | | |
| Slaughter (federally inspected), thous. animals | 85,952 | 92,613 | 7,934 | 7,610 | 6,897 | 7,166 | 7,461 | 7,494 | 8,217 | 8,599 | 7,796 | 8,142 | 7,649 | 6,921 | 7,958 | 7,840 |
| Prices: | | | | | | | | | | | | | | | | |
| Wholesale, average, all weights (Sioux City), \$ per 100 lb. | | | | | | | | | | | | | | | | |
| Hog-corn price ratio (bu. of corn equal in value to 100 lb. live hog) | 21.4 | 18.3 | 15.7 | *16.5 | 18.1 | 18.8 | 19.1 | 18.8 | 19.5 | 20.5 | 20.7 | 21.1 | 20.4 | 22.1 | *22.3 | 20.9 |
| Sheep and lambs: | | | | | | | | | | | | | | | | |
| Slaughter (federally inspected), thous. animals | 5,504 | 5,290 | 481 | 503 | 374 | 419 | 427 | 400 | 470 | 452 | 413 | 460 | 381 | 384 | 476 | 461 |
| Price, wholesale, lambs, avg. (San Angelo, TX), \$ per 100 lb. * | | | | | | | | | | | | | | | | |
| MEATS | | | | | | | | | | | | | | | | |
| Total meats (excluding lard): | | | | | | | | | | | | | | | | |
| Production, mil. lb. | 39,584 | 40,796 | 3,378 | 3,259 | 3,236 | 3,423 | 3,442 | 3,407 | 3,560 | 3,656 | 3,288 | 3,435 | 3,306 | 3,013 | 3,397 | 3,299 |
| Stocks, cold storage, end of period, mil. lb. | 662 | 615 | 725 | 707 | 692 | 665 | 646 | 596 | 613 | 638 | 627 | 615 | 649 | *652 | 652 | 692 |
| Exports, thous. metric tons | | | | | | | | | | | | | | | | |
| Imports (meats and meat preparations), thous. metric tons | | | | | | | | | | | | | | | | |
| Imports (meats and meat preparations), thous. metric tons | | | | | | | | | | | | | | | | |
| Beef and veal: | | | | | | | | | | | | | | | | |
| Production, total, mil. lb. | 23,223 | 23,267 | 1,877 | 1,812 | 1,925 | 2,064 | 2,039 | 2,004 | 2,019 | 2,039 | 1,807 | 1,881 | 1,845 | 1,698 | 1,884 | 1,804 |
| Stocks, cold storage, end of period, mil. lb. | 292 | 278 | 320 | 309 | 310 | 306 | 300 | 295 | 281 | 298 | 282 | 278 | 292 | *285 | 299 | 284 |
| Exports, thous. metric tons | | | | | | | | | | | | | | | | |
| Imports, thous. metric tons | | | | | | | | | | | | | | | | |
| Price, wholesale, beef, fresh steer carcasses, choice (600-700 lbs.)(Central U.S.), \$ per lb. | | | | | | | | | | | | | | | | |
| Lamb and mutton: | | | | | | | | | | | | | | | | |
| Production, total, mil. lb. | 362 | 343 | 32 | 33 | 25 | 27 | 27 | 25 | 30 | 29 | 27 | 29 | 25 | 25 | 32 | 30 |
| Stocks, cold storage, end of period, mil. lb. | 6 | 8 | 8 | 9 | 10 | 11 | 12 | 9 | 9 | 9 | 8 | 8 | 6 | 7 | 7 | 8 |
| Pork (excluding lard): | | | | | | | | | | | | | | | | |
| Production, total, mil. lb. | 16,000 | 17,185 | 1,467 | 1,414 | 1,287 | 1,332 | 1,375 | 1,378 | 1,511 | 1,588 | 1,455 | 1,524 | 1,435 | *1,290 | 1,481 | 1,465 |
| Stocks, cold storage, end of period, mil. lb. | 311 | 315 | 372 | 363 | 345 | 319 | 307 | 267 | 297 | 307 | 317 | 315 | 329 | *342 | 329 | 378 |
| Exports, thous. metric tons | | | | | | | | | | | | | | | | |
| Imports, thous. metric tons | | | | | | | | | | | | | | | | |
| Prices: | | | | | | | | | | | | | | | | |
| Producer Price Index, hams and picnics, except canned, 12/88=100 * | 114.6 | *108.3 | 105.9 | 105.6 | 104.3 | 105.4 | 108.4 | 107.3 | 108.9 | 112.9 | 115.1 | *116.9 | 109.7 | 109.6 | 110.6 | 109.7 |
| Fresh loins, 8-14 lb. average, wholesale (Omaha), \$ per lb. * | | | | | | | | | | | | | | | | |
| MISCELLANEOUS FOOD PRODUCTS | | | | | | | | | | | | | | | | |
| Cocoa (cacao) beans, imports (including shells), thous. metric tons | | | | | | | | | | | | | | | | |
| Coffee: | | | | | | | | | | | | | | | | |
| Imports, total, metric tons | | | | | | | | | | | | | | | | |
| From Brazil, metric tons | | | | | | | | | | | | | | | | |
| U.S. Import Price Index, 1990=100 | 92.0 | 82.2 | 79.5 | | | 70.3 | | | 89.4 | | | 89.4 | | | 81.0 | |
| Fish: | | | | | | | | | | | | | | | | |
| Stocks, cold storage, end of period, mil. lb. | 380 | 396 | *328 | 321 | 313 | 305 | 332 | 375 | 384 | 390 | 386 | 396 | 361 | 320 | 316 | |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1991 and methodological notes are as shown in BUSINESS STATISTICS, 1983-91 | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|---|--------|------|------|------|-----|------|------|------|-------|------|------|------|------|------|------|------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |

11. FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

| MISCELLANEOUS FOOD PRODUCTS—Continued | | | | | | | | | | | | | | | | |
|--|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| Sugar: | | | | | | | | | | | | | | | | |
| Exports, raw and refined, metric tons | | | | | | | | | | | | | | | | |
| Imports, raw and refined, thous. metric tons | | | | | | | | | | | | | | | | |
| Producer Price Indexes: | | | | | | | | | | | | | | | | |
| Raw (cane), 1982=100 | 113.7 | 112.1 | 112.6 | 112.4 | 111.4 | 110.6 | 111.0 | 111.7 | 112.7 | 113.6 | 112.8 | 111.1 | 109.3 | 109.5 | 112.1 | 113.9 |
| Refined, 1982=100 | 121.6 | 119.8 | 120.2 | 120.2 | 119.9 | 120.0 | 120.0 | 120.4 | 119.6 | 119.2 | 119.2 | 119.0 | 118.2 | 118.5 | 118.3 | 118.7 |
| Tea, imports, metric tons | | | | | | | | | | | | | | | | |
| TOBACCO | | | | | | | | | | | | | | | | |
| Leaf: | | | | | | | | | | | | | | | | |
| Production (crop estimate), mil. lb. | 1,664 | 1,684 | | | | | | | | | | | | | | |
| Stocks, dealers' and manufacturers', end of period, mil. lb. | 3,744 | 3,740 | 3,560 | | | 3,276 | | | 3,565 | | | 3,740 | | | | |
| Exports, incl. scrap and stems, metric tons | | | | | | | | | | | | | | | | |
| Imports, incl. scrap and stems, metric tons | | | | | | | | | | | | | | | | |
| Manufactured products: | | | | | | | | | | | | | | | | |
| Consumption (withdrawals): | | | | | | | | | | | | | | | | |
| Cigarettes (small): | | | | | | | | | | | | | | | | |
| Tax-exempt, millions | 193,778 | 199,238 | 11,040 | 12,572 | 13,896 | 17,461 | 15,071 | 22,490 | 21,738 | 24,306 | 19,519 | 19,195 | | | | |
| Taxable, millions | 516,338 | 510,494 | 48,518 | 43,622 | 39,012 | 51,667 | 38,331 | 43,718 | 42,972 | 44,712 | 44,221 | 38,419 | | | | |
| Cigars (large), taxable, millions | 2,133 | 2,107 | 181 | 162 | 165 | 217 | 168 | 185 | 194 | 178 | 190 | 172 | | | | |
| Exports, cigarettes, millions | | | | | | | | | | | | | | | | |

12. LEATHER AND PRODUCTS

| LEATHER | | | | | | | | | | | | | | | | |
|---|---------|---------|--------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|-------|-------|-------|
| Exports: | | | | | | | | | | | | | | | | |
| Upper and lining leather, thous. sq. ft. | | | | | | | | | | | | | | | | |
| Producer Price Index, leather, 1982=100 | 168.4 | 163.7 | 163.4 | 162.8 | 163.9 | 164.0 | 164.7 | 163.7 | 164.8 | 165.1 | 164.0 | 165.1 | 166.0 | 169.0 | 168.9 | 168.8 |
| LEATHER MANUFACTURES | | | | | | | | | | | | | | | | |
| Footwear: | | | | | | | | | | | | | | | | |
| Production, total, thous. pairs | 167,386 | 167,983 | 41,993 | | | 341,188 | | | 44,401 | | | 40,401 | | | | |
| Shoes, sandals, and play shoes, except athletic, thous. pairs | 116,310 | 116,505 | 29,815 | | | 329,006 | | | 29,320 | | | 28,364 | | | | |
| Slippers, thous. pairs | 42,963 | 43,321 | 10,430 | | | 310,129 | | | 13,079 | | | 9,683 | | | | |
| Athletic, thous. pairs | 8,113 | 8,157 | 1,748 | | | 2,053 | | | 2,002 | | | 2,354 | | | | |
| Other footwear, thous. pairs | 2,449 | 1,914 | 494 | | | 3,577 | | | 457 | | | 386 | | | | |
| Exports, thous. pairs | | | | | | | | | | | | | | | | |
| Producer Price Indexes: | | | | | | | | | | | | | | | | |
| Men's leather upper, dress and casual, 1982=100 | | | | | | | | | | | | | | | | |
| | 141.0 | 145.0 | 143.8 | 143.8 | 143.7 | 143.7 | 145.2 | 146.1 | 146.1 | 145.1 | 145.2 | 147.2 | 148.0 | 148.2 | 147.7 | 147.7 |
| Women's leather upper, 1982=100 | 124.0 | 126.4 | 126.1 | 126.4 | 126.4 | 126.6 | 126.5 | 126.7 | 126.5 | 126.5 | 126.5 | 127.0 | 127.4 | 127.8 | 127.9 | 127.8 |
| Women's plastic upper, 1982=100 | 115.2 | 121.2 | 119.9 | 119.7 | 120.4 | 121.5 | 121.5 | 121.5 | 122.9 | 122.9 | 123.5 | 123.5 | 123.5 | 123.9 | 123.9 | 124.0 |

13. LUMBER AND PRODUCTS

| LUMBER—ALL TYPES # | | | | | | | | | | | | | | | | |
|---|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <i>[Millions of board feet, unless otherwise indicated]</i> | | | | | | | | | | | | | | | | |
| National Forest Products Association: | | | | | | | | | | | | | | | | |
| Production, total | 58,834 | 45,444 | 4,121 | 3,862 | 3,632 | 3,911 | 3,882 | 3,746 | 3,736 | 4,048 | 3,617 | 3,425 | 3,486 | 3,555 | | |
| Hardwoods | 10,213 | 11,210 | 952 | 962 | 931 | 960 | 996 | 959 | 947 | 998 | 907 | 905 | 820 | 869 | | |
| Softwoods | 33,763 | 34,234 | 3,169 | 2,900 | 2,701 | 2,951 | 2,886 | 2,787 | 2,789 | 3,050 | 2,710 | 2,520 | 2,666 | 2,686 | | |
| Shipments, total | 43,860 | 45,703 | 4,078 | 3,682 | 3,565 | 3,936 | 3,884 | 3,878 | 3,692 | 4,147 | 3,745 | 3,491 | 3,511 | 3,549 | | |
| Hardwoods | 9,844 | 11,005 | 951 | 904 | 869 | 899 | 921 | 910 | 908 | 1,039 | 933 | 917 | 847 | 841 | | |
| Softwoods | 34,016 | 34,698 | 3,127 | 2,778 | 2,696 | 3,037 | 2,963 | 2,968 | 2,784 | 3,108 | 2,812 | 2,574 | 2,664 | 2,708 | | |
| Stocks (gross), mill. end of period, total | | | | | | | | | | | | | | | | |
| Hardwoods | | | | | | | | | | | | | | | | |
| Softwoods | 4,616 | 4,206 | 4,608 | 4,730 | 4,731 | 4,678 | 4,606 | 4,418 | 4,419 | 4,365 | 4,263 | 4,206 | 4,211 | 4,187 | | |
| Exports, total sawmill products | | | | | | | | | | | | | | | | |
| Imports, total sawmill products, thous. cubic meters | | | | | | | | | | | | | | | | |
| SOFTWOODS | | | | | | | | | | | | | | | | |
| <i>[Millions of board feet, unless otherwise indicated]</i> | | | | | | | | | | | | | | | | |
| Douglas fir: | | | | | | | | | | | | | | | | |
| Orders, new | 8,009 | 7,921 | 750 | 626 | 617 | 739 | 599 | 646 | 675 | 718 | 608 | 677 | 541 | 601 | 754 | |
| Orders, unfilled, end of period | 504 | 579 | 528 | 542 | 465 | 532 | 492 | 461 | 496 | 523 | 506 | 579 | 525 | 499 | 560 | |
| Production | 7,908 | 7,810 | 748 | 643 | 644 | 659 | 642 | 630 | 654 | 703 | 629 | 563 | 601 | 637 | 737 | |
| Shipments | 7,957 | 7,850 | 703 | 612 | 634 | 676 | 639 | 677 | 640 | 691 | 625 | 604 | 594 | 627 | 693 | |
| Stocks (gross), mill. end of period | 723 | 690 | 774 | 805 | 669 | 745 | 748 | 701 | 715 | 727 | 731 | 690 | 696 | 706 | 750 | |
| Exports, total sawmill products, thous. cubic meters | | | | | | | | | | | | | | | | |
| Sawed timber, thous. cubic meters | | | | | | | | | | | | | | | | |
| Boards, planks, scantlings, etc., thous. cubic meters | | | | | | | | | | | | | | | | |
| Producer Price Index, Douglas fir, dressed, 1982=100 | 139.6 | 169.5 | 169.8 | 171.1 | 167.8 | 161.8 | 167.0 | 170.9 | 176.6 | 172.1 | 177.5 | 186.3 | 200.7 | 226.1 | 250.3 | 265.9 |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1991 and methodological notes are as shown in BUSINESS STATISTICS, 1963-91 | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|---|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| 13. LUMBER AND PRODUCTS—Continued | | | | | | | | | | | | | | | | |
| SOFTWOODS—Continued | | | | | | | | | | | | | | | | |
| <i>[Millions of board feet, unless otherwise indicated]</i> | | | | | | | | | | | | | | | | |
| Southern pine: | | | | | | | | | | | | | | | | |
| Orders, new | 12,287 | 14,370 | 1,201 | 1,086 | 1,035 | 1,264 | 1,376 | 1,249 | 948 | 1,397 | 1,241 | 1,076 | 1,025 | 1,285 | | |
| Orders, unfilled, end of period | 571 | 957 | 719 | 674 | 684 | 741 | 800 | 859 | 708 | 839 | 931 | 957 | 852 | 1,023 | | |
| Production | 12,367 | 13,812 | 1,177 | 1,180 | 1,067 | 1,170 | 1,228 | 1,115 | 1,143 | 1,215 | 1,108 | 1,076 | 1,115 | 1,118 | | |
| Shipments | 12,415 | 14,041 | 1,189 | 1,134 | 1,024 | 1,205 | 1,315 | 1,193 | 1,109 | 1,251 | 1,152 | 1,055 | 1,137 | 1,107 | | |
| Stocks (gross), mill and concentration yards, end of period | 2,134 | 1,931 | 2,069 | 2,114 | 2,158 | 2,125 | 2,043 | 1,959 | 1,990 | 1,957 | 1,913 | 1,931 | 1,911 | 1,920 | | |
| Exports, total sawmill products, cubic meters | | | | | | | | | | | | | | | | |
| Producer Price Index, southern pine, dressed, 1982=100 | 111.0 | 130.6 | 133.9 | 135.7 | 134.2 | 126.4 | 123.5 | 127.9 | 136.3 | 129.9 | 131.4 | 141.4 | 154.9 | 164.6 | 184.0 | 184.2 |
| Western pine: | | | | | | | | | | | | | | | | |
| Orders, new | 9,535 | 9,385 | 878 | 669 | 746 | 891 | 690 | 888 | 737 | 893 | 782 | 675 | 766 | 699 | 629 | |
| Orders, unfilled, end of period | 493 | 504 | 524 | 470 | 441 | 471 | 442 | 520 | 482 | 499 | 502 | 504 | 562 | 532 | 451 | |
| Production | 9,510 | 9,244 | 880 | 755 | 790 | 832 | 743 | 765 | 746 | 858 | 730 | 653 | 707 | 694 | 706 | |
| Shipments | 9,525 | 9,374 | 877 | 723 | 774 | 863 | 719 | 810 | 775 | 876 | 779 | 672 | 708 | 729 | 710 | |
| Stocks (gross), mill, end of period | 1,196 | 1,064 | 1,165 | 1,217 | 1,274 | 1,200 | 1,224 | 1,179 | 1,150 | 1,132 | 1,083 | 1,064 | 1,063 | 1,028 | 1,024 | |
| Producer Price Index, other softwood, dressed, 1982=100 | 130.0 | 157.3 | 167.3 | 170.7 | 167.9 | 159.6 | 153.8 | 147.7 | 150.4 | 148.8 | 153.7 | 168.0 | 181.1 | 210.3 | 232.8 | 230.1 |
| HARDWOOD FLOORING | | | | | | | | | | | | | | | | |
| <i>[Millions of board feet]</i> | | | | | | | | | | | | | | | | |
| Oak: | | | | | | | | | | | | | | | | |
| Orders, unfilled, end of period | 15.8 | 22.4 | 18.2 | 17.7 | 14.7 | 13.7 | 14.7 | 14.1 | 15.8 | 16.7 | 21.2 | 22.4 | 22.9 | 21.2 | 21.7 | 21.7 |
| Shipments | 199.9 | 222.5 | 19.4 | 18.4 | 16.5 | 18.5 | 17.3 | 20.1 | 21.1 | 19.5 | 17.4 | 18.9 | 18.4 | 17.7 | 21.2 | 18.2 |
| Stocks (gross), mill, end of period | 7.7 | 5.5 | 6.8 | 7.1 | 8.2 | 7.3 | 7.0 | 7.5 | 6.3 | 5.7 | 5.6 | 5.5 | 5.3 | 4.1 | 4.1 | 3.4 |

14. METALS AND MANUFACTURES

| | | | | | | | | | | | | | | | | |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| IRON AND STEEL | | | | | | | | | | | | | | | | |
| <i>[Thousands of short tons]</i> | | | | | | | | | | | | | | | | |
| Exports: | | | | | | | | | | | | | | | | |
| Steel mill products | 6,346 | 4,289 | 357 | 389 | 369 | 376 | 297 | 336 | 332 | 341 | 355 | 348 | 354 | 335 | 359 | |
| Scrap | 10,301 | 10,142 | 744 | 707 | 969 | 775 | 937 | 645 | 987 | 956 | 817 | 909 | 716 | 851 | 818 | |
| Pig iron | 17 | 36 | 4 | 2 | 2 | 2 | 1 | 2 | 3 | 3 | 8 | 2 | 4 | 3 | 3 | |
| Imports: | | | | | | | | | | | | | | | | |
| Steel mill products | 15,741 | 16,974 | 1,288 | 1,584 | 1,425 | 1,394 | 1,390 | 1,438 | 1,383 | 1,386 | 1,614 | 1,364 | 1,535 | 838 | 1,380 | |
| Scrap | 1,183 | 1,408 | 125 | 112 | 165 | 90 | 90 | 144 | 124 | 144 | 127 | 120 | 103 | 130 | 133 | |
| Pig iron | 479 | 545 | 75 | 18 | 21 | 61 | 37 | 56 | 25 | 17 | 72 | 40 | 94 | 26 | 120 | |
| Iron and Steel Scrap | | | | | | | | | | | | | | | | |
| <i>[Thousands of metric tons, unless otherwise indicated]</i> | | | | | | | | | | | | | | | | |
| Production | 21,300 | 21,167 | 1,901 | 1,907 | 1,704 | 1,825 | 1,761 | 1,731 | 1,734 | 1,707 | 1,539 | 1,667 | | | | |
| Receipts, net | 35,773 | 40,219 | 2,530 | 3,409 | 3,415 | 3,493 | 3,215 | 3,320 | 3,451 | 3,666 | 3,437 | 3,424 | | | | |
| Consumption | 57,828 | 63,764 | 5,520 | 5,392 | 5,432 | 5,371 | 5,059 | 5,211 | 5,273 | 5,468 | 5,277 | 5,286 | | | | |
| Stocks, end of period | 4,250 | 3,910 | 4,210 | 4,190 | 4,170 | 4,188 | 4,187 | 4,132 | 4,192 | 4,079 | 4,002 | 3,910 | | | | |
| Composite price, No. 1 heavy melting scrap: American Metal Market, \$ per metric ton | 91.79 | 84.67 | 86.61 | 87.24 | 85.90 | 83.72 | 83.66 | 83.95 | 84.32 | 83.00 | 82.67 | 85.49 | 96.91 | 104.80 | 104.98 | |
| Ore | | | | | | | | | | | | | | | | |
| <i>[Thousands of metric tons]</i> | | | | | | | | | | | | | | | | |
| Iron ore (operations in all U.S. districts): | | | | | | | | | | | | | | | | |
| Mine production | 55,516 | 55,513 | 4,412 | 4,845 | 5,133 | 4,624 | 4,771 | 4,630 | 4,993 | 4,538 | 4,180 | 4,276 | 4,391 | 4,171 | 4,559 | |
| Shipments from mines | 54,967 | 58,529 | 2,532 | 5,431 | 6,056 | 5,941 | 6,049 | 6,186 | 4,859 | 5,291 | 5,069 | 4,890 | 2,170 | 1,222 | 2,618 | |
| Imports | 13,335 | 12,503 | 386 | 759 | 1,564 | 1,453 | 1,282 | 1,175 | 1,335 | 1,583 | 1,130 | 717 | 639 | 684 | | |
| U.S. and foreign ores and ore agglomerates: | | | | | | | | | | | | | | | | |
| Receipts at iron and steel plants | 65,133 | 66,711 | 2,836 | 5,604 | 6,997 | 7,565 | 7,273 | 6,765 | 6,525 | 6,453 | 5,827 | 5,813 | 3,013 | 2,122 | 2,938 | |
| Consumption at iron and steel plants | 63,658 | 68,552 | 5,970 | 5,809 | 5,823 | 5,588 | 5,669 | 5,672 | 5,414 | 5,763 | 5,572 | 5,776 | 5,951 | 5,570 | 5,913 | |
| Exports (domestic) | 4,045 | 5,057 | 3 | 475 | 540 | 708 | 628 | 526 | 493 | 555 | 383 | 440 | 240 | 2 | | |
| Stocks, total, end of period | 25,445 | 22,856 | 20,922 | 20,550 | 21,501 | 22,492 | 23,046 | 21,721 | 22,735 | 23,190 | 23,433 | 22,856 | 21,539 | 20,824 | 20,639 | |
| At mines | 4,853 | 3,783 | 11,745 | 11,159 | 10,236 | 9,027 | 7,763 | 6,438 | 5,976 | 5,227 | 4,344 | 3,783 | 6,075 | 9,030 | 10,927 | |
| At furnace yards | 17,611 | 16,092 | 8,175 | 7,991 | 9,161 | 11,157 | 12,769 | 13,925 | 15,040 | 15,731 | 15,985 | 16,092 | 13,154 | 9,707 | 8,175 | |
| At U.S. docks | 2,981 | 2,981 | 1,002 | 1,400 | 2,104 | 2,308 | 2,514 | 2,834 | 2,923 | 2,938 | 3,104 | 2,981 | 2,310 | 2,087 | 1,537 | |
| Manganese (manganese content), general imports | | | | | | | | | | | | | | | | |
| Pig Iron and Iron Products | | | | | | | | | | | | | | | | |
| <i>[Thousands of short tons, unless otherwise indicated]</i> | | | | | | | | | | | | | | | | |
| Pig iron: | | | | | | | | | | | | | | | | |
| Production (including production of ferroalloys) | 48,503 | 52,224 | 4,524 | 4,400 | 4,444 | 4,232 | 4,347 | 4,299 | 4,065 | 5,329 | 4,269 | 4,306 | 4,503 | 4,503 | 4,454 | |
| Consumption, thous. metric tons | 44,638 | 51,103 | 4,379 | 4,290 | 4,307 | 4,162 | 4,255 | 4,258 | 4,063 | 4,056 | 4,482 | 4,466 | | | | |
| Stocks, end of period, thous. metric tons | 214 | 217 | 184 | 211 | 222 | 211 | 216 | 224 | 220 | 226 | 216 | 217 | | | | |
| Castings, gray and ductile iron: | | | | | | | | | | | | | | | | |
| Shipments, total | 7,174 | | | | | | | | | | | | | | | |
| For sale | 5,391 | | | | | | | | | | | | | | | |
| Castings, malleable iron: | | | | | | | | | | | | | | | | |
| Shipments, total | 261 | | | | | | | | | | | | | | | |
| For sale | 140 | | | | | | | | | | | | | | | |

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1991 and methodological notes are as shown in BUSINESS STATISTICS, 1963-91

| | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|--|--------|------|------|------|-----|------|------|------|-------|------|------|------|------|------|------|------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |

14. METALS AND MANUFACTURES—Continued

| Steel, Raw and Semifinished | | | | | | | | | | | | | | | | |
|--|---------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|------|
| <i>[Thousands of short tons, unless otherwise specified]</i> | | | | | | | | | | | | | | | | |
| Steel (raw): | | | | | | | | | | | | | | | | |
| Production | 87,896 | 92,949 | 8,043 | 7,875 | 7,968 | 7,584 | 7,545 | 7,526 | 7,249 | 7,742 | 7,449 | 7,438 | 7,942 | 7,942 | 8,148 | |
| Rate of capability utilization, percent | 74.2 | 82.2 | 83.5 | 85.3 | 83.5 | 82.1 | 78.9 | 78.7 | 78.3 | 80.9 | 80.4 | 77.7 | 81.6 | 84.8 | 87.0 | |
| Steel castings: | | | | | | | | | | | | | | | | |
| Shipments, total | 1,001 | | | | | | | | | | | | | | | |
| For sale, total | 908 | | | | | | | | | | | | | | | |
| Steel Mill Products | | | | | | | | | | | | | | | | |
| <i>[Thousands of short tons]</i> | | | | | | | | | | | | | | | | |
| Steel products, net shipments: | | | | | | | | | | | | | | | | |
| Total (all grades) | 78,868 | 76,625 | 7,101 | 6,949 | 6,751 | 7,105 | 6,693 | 6,786 | 6,934 | 7,090 | 6,512 | 6,572 | 6,976 | 6,867 | 7,886 | |
| By product: | | | | | | | | | | | | | | | | |
| Semifinished products | 6,872 | 6,305 | 587 | 627 | 571 | 563 | 555 | 580 | 555 | 533 | 513 | 548 | 570 | 552 | 636 | |
| Structural shapes (heavy), steel piling | 5,722 | 5,518 | 422 | 445 | 470 | 450 | 478 | 472 | 504 | 539 | 478 | 470 | 467 | 468 | 496 | |
| Plates | 6,938 | 6,579 | 635 | 628 | 588 | 414 | 637 | 575 | 578 | 611 | 546 | 541 | 591 | 581 | 694 | |
| Rails and accessories | 486 | 563 | 59 | 68 | 47 | 36 | 36 | 32 | 31 | 29 | 30 | 42 | 56 | 58 | 65 | |
| Bars and tool steel, total | 13,214 | 12,219 | 1,167 | 1,075 | 1,062 | 1,155 | 1,139 | 1,106 | 1,144 | 1,151 | 1,043 | 1,070 | 1,144 | 1,170 | 1,203 | |
| Bars: Hot rolled (including light shapes) | 6,902 | 5,229 | 619 | 590 | 579 | 637 | 581 | 518 | 606 | 617 | 533 | 554 | 628 | 619 | 658 | |
| Bars: Reinforcing | 4,934 | 4,781 | 413 | 355 | 354 | 380 | 437 | 416 | 409 | 403 | 391 | 407 | 388 | 426 | 398 | |
| Bars: Cold finished | 1,326 | 1,147 | 130 | 125 | 124 | 132 | 115 | 113 | 123 | 126 | 113 | 105 | 123 | 120 | 142 | |
| Pipe and tubing | 4,488 | 3,645 | 375 | 328 | 364 | 382 | 338 | 335 | 340 | 381 | 361 | 352 | 370 | 365 | 398 | |
| Wire-drawn and/or rolled | 864 | 815 | 86 | 87 | 75 | 79 | 78 | 73 | 71 | 71 | 57 | 50 | 65 | 71 | 82 | |
| Tin mill products | 4,040 | 3,927 | 344 | 331 | 351 | 392 | 344 | 354 | 323 | 313 | 301 | 328 | 326 | 312 | 374 | |
| Sheets and strip (including electrical), total | 36,244 | *39,521 | 3,426 | 3,361 | 3,221 | 3,390 | 3,087 | 3,259 | 3,388 | 3,461 | 3,182 | 3,171 | 3,387 | 3,290 | 3,928 | |
| Sheets: Hot rolled | 12,987 | *13,211 | 1,133 | 1,128 | 1,042 | 1,079 | 1,017 | 1,090 | 1,140 | 1,128 | 1,079 | 1,125 | 1,081 | 1,094 | 1,306 | |
| Sheets: Cold rolled | 11,356 | *12,760 | 1,145 | 1,099 | 1,035 | 1,082 | 1,007 | 1,029 | 1,127 | 1,108 | 998 | 986 | 1,078 | 965 | 1,168 | |
| By market (quarterly): | | | | | | | | | | | | | | | | |
| Service centers and distributors | 17,485 | | 5,165 | | | 4,872 | | | 1,714 | | | 4,918 | | | 5,301 | |
| Construction, incl. maintenance | 6,814 | 7,172 | 1,897 | | | 1,897 | | | 1,798 | | | 1,780 | | | 1,786 | |
| Contractors' products | 2,261 | 2,466 | 613 | | | 607 | | | 633 | | | 613 | | | 578 | |
| Automotive | 9,445 | 10,697 | 2,856 | | | 2,901 | | | 2,532 | | | 2,608 | | | 3,047 | |
| Rail transportation | 837 | 890 | 250 | | | 250 | | | 190 | | | 200 | | | 262 | |
| Machinery, industrial equipment, tools | 1,648 | 1,646 | 414 | | | 433 | | | 413 | | | 386 | | | 454 | |
| Containers, packaging, ship. materials | 4,278 | 3,968 | 941 | | | 1,100 | | | 1,038 | | | 889 | | | 1,026 | |
| Other | 36,100 | 35,130 | 8,859 | | | 8,965 | | | 8,747 | | | 8,559 | | | 9,070 | |
| <i>[Millions of short tons]</i> | | | | | | | | | | | | | | | | |
| Producing steel mills, inventory, end of period: | | | | | | | | | | | | | | | | |
| Total | 12.9 | 12.6 | 13.1 | 13.0 | 13.1 | 12.7 | 12.9 | 12.9 | 12.6 | 12.5 | 12.5 | 12.6 | 12.7 | 12.8 | 12.1 | |
| Steel in process | 7.5 | 7.2 | 7.5 | 7.5 | 7.5 | 7.4 | 7.3 | 7.3 | 7.0 | 7.0 | 7.1 | 7.2 | 7.4 | 7.5 | 7.0 | |
| Finished steel | 5.4 | 5.3 | 5.6 | 5.5 | 5.6 | 5.3 | 5.6 | 5.6 | 5.6 | 5.5 | 5.4 | 5.3 | 5.3 | 5.3 | 5.1 | |
| Steel service centers (warehouses), inventory, end of period | 5.9 | 5.9 | 6.1 | 5.8 | 5.9 | 5.8 | 6.0 | 5.4 | 5.8 | 5.8 | 5.8 | 5.9 | 5.9 | 5.9 | 5.8 | |
| NONFERROUS METALS AND PRODUCTS | | | | | | | | | | | | | | | | |
| <i>[Thousands of metric tons, unless otherwise specified]</i> | | | | | | | | | | | | | | | | |
| Aluminum: | | | | | | | | | | | | | | | | |
| Production, primary (dom. and foreign ores) | 4,121 | *4,042 | 343 | 330 | 342 | 330 | 339 | 340 | 330 | 343 | 355 | 347 | 335 | 292 | | |
| Recovery from scrap | 2,210 | *2,284 | *195 | 199 | *203 | 190 | 190 | 189 | *191 | *197 | *176 | 171 | 171 | 166 | | |
| Imports: | | | | | | | | | | | | | | | | |
| Metal and alloys, crude | 1,024.7 | 1,155.4 | 97.1 | 94.6 | 96.3 | 87.8 | 82.4 | 103.4 | 94.3 | 108.4 | 100.5 | 96.8 | 120.8 | | | |
| Plates, sheets, bars, etc | 256.5 | 305.8 | 25.0 | 26.8 | 26.0 | 26.0 | 30.0 | 25.9 | 25.9 | 25.9 | 26.0 | 25.9 | 30.6 | | | |
| Exports: | | | | | | | | | | | | | | | | |
| Metal and alloys, crude | 792.8 | 603.1 | 49.7 | 38.6 | 33.6 | 39.8 | 50.0 | 50.3 | 40.4 | 82.1 | 50.5 | 73.5 | 54.8 | | | |
| Plates, sheets, bars, etc | 508.7 | 553.8 | 52.1 | 49.9 | 49.9 | 52.4 | 44.8 | 46.9 | 46.4 | 45.5 | 41.2 | 28.4 | 46.4 | | | |
| Price, U.S. market, 99.7% purity, monthly average, \$ per lb. | 5946 | 5752 | 5928 | 6103 | 5999 | 5842 | 5982 | 5965 | 5815 | 5373 | 5276 | 5553 | 5613 | 5550 | 5353 | 5184 |
| Aluminum products: | | | | | | | | | | | | | | | | |
| Shipments: | | | | | | | | | | | | | | | | |
| Ingot and mill prod. (net ship.), mil. lb. | 15,298 | *15,860 | 1,343 | 1,251 | 1,275 | 1,327 | 1,325 | 1,350 | 1,327 | 1,421 | 1,287 | 1,380 | 1,320 | 1,311 | 1,501 | |
| Mill products, total, mil. lb. | 11,667 | *12,380 | 1,093 | 1,070 | 1,073 | 1,068 | 1,060 | 1,027 | 1,033 | 1,073 | 962 | 946 | 981 | 977 | 1,123 | |
| Sheet and plate, mil. lb. | 7,501 | 8,131 | 702 | 686 | 691 | 687 | 696 | 663 | 689 | 692 | 693 | 636 | 582 | 601 | 690 | |
| Castings, mil. lb. | 1,905 | | | | | | | | | | | | | | | |
| Inventories, total (ingot, mill products, and scrap), end of period, mil. lb. | 3,913 | 47,097 | 3,899 | 3,971 | 4,032 | 4,008 | 3,869 | 3,872 | 3,926 | 3,868 | 3,967 | *4,133 | 4,360 | 4,265 | 4,372 | |
| Copper: | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | |
| Mine, recoverable copper | 1,631.1 | *1,760.5 | 141.5 | 143.0 | 151.3 | 149.1 | 155.2 | 152.0 | 152.0 | 151.5 | 150.0 | 154.2 | 135.5 | 135.9 | | |
| Refined from primary materials | 1,577.4 | *1,720.4 | 140.3 | 145.6 | 134.4 | 139.0 | 153.3 | *145.1 | 149.1 | 151.5 | 145.7 | 155.5 | 141.7 | 128.3 | | |
| Electrolytically refined @ | 1,136.2 | *1,197.6 | 100.2 | 103.6 | 91.2 | 93.5 | 106.5 | 101.9 | 105.0 | 102.4 | 102.4 | 108.9 | 104.1 | 87.1 | | |
| Electrowon | 441.2 | *522.8 | 40.0 | 42.0 | 43.2 | 45.5 | 46.8 | 43.1 | *44.2 | 44.4 | 43.3 | 46.7 | 37.5 | 41.1 | | |
| Refined from scrap | 417.8 | *433.2 | 39.8 | 34.8 | 36.7 | 39.4 | 27.8 | 35.4 | 39.8 | 40.0 | 34.3 | 35.8 | 35.3 | 45.1 | | |
| Imports, unmanufactured: | | | | | | | | | | | | | | | | |
| Refined, unrefined, scrap (copper cont.) | 442.0 | 509.6 | 45.0 | 44.6 | 37.6 | 46.2 | 45.0 | 37.6 | 47.7 | 32.5 | 32.4 | 44.2 | 31.7 | | | |
| Refined | 288.6 | 289.1 | 31.9 | 25.2 | 25.3 | 26.1 | 24.7 | 25.3 | 24.0 | 19.6 | 20.3 | 20.8 | 21.8 | | | |
| Exports: | | | | | | | | | | | | | | | | |
| Refined and scrap | 679.7 | 556.8 | 39.9 | 34.2 | 30.5 | 43.2 | 38.4 | 48.1 | 51.2 | 42.7 | 66.3 | 64.4 | 38.3 | | | |
| Refined | 263.2 | 176.9 | 10.8 | 12.3 | 11.7 | 12.0 | 9.3 | 13.0 | 13.6 | 24.1 | 14.1 | 16.1 | 14.0 | | | |
| Consumption, refined (reported by mills, etc.) | 2,058 | *2,183 | 197 | 192 | 189 | 199 | 173 | 163 | 188 | *189 | *167 | *158 | 191 | 182 | | |
| Stocks, refined, end of period | 132 | *204 | 122 | 123 | 116 | 115 | 132 | 154 | *165 | *166 | 172 | *204 | 203 | 192 | | |
| Price, avg. U.S. producer cathode, delivered, \$ per lb. | 1.0933 | 1.0742 | 1.0618 | 1.0474 | 1.0493 | 1.0910 | 1.1865 | 1.1714 | 1.1250 | 1.0515 | 1.0139 | 1.0354 | 1.0540 | 1.0365 | | |

See footnotes at end of tables.

| | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|--|--------|------|------|------|-----|------|------|------|-------|------|------|------|------|------|------|------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |

14. METALS AND MANUFACTURES—Continued

| NONFERROUS METALS AND PRODUCTS—Continued | | | | | | | | | | | | | | | | |
|--|----------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|----------|---------|---------|--------|
| <i>[Thousands of metric tons, unless otherwise specified]</i> | | | | | | | | | | | | | | | | |
| Copper-base mill and foundry products, shipments (quarterly total): | | | | | | | | | | | | | | | | |
| Brass mill products, mil. lb. | | | | | | | | | | | | | | | | |
| Copper wire mill products (copper content), mil. lb. | | | | | | | | | | | | | | | | |
| Brass and bronze foundry products, mil. lb. | | | | | | | | | | | | | | | | |
| Lead: | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | |
| Mine, recoverable lead | 1 465.9 | ~393.7 | 34.0 | 31.2 | 31.5 | 32.4 | 33.8 | 32.5 | 32.5 | 33.3 | 30.8 | ~31.7 | 33.3 | | | |
| Recovered from scrap (lead content) | 1 883.7 | 887.8 | 66.5 | 71.0 | 73.3 | 72.3 | 71.1 | 77.7 | 77.5 | 79.6 | 76.9 | 74.3 | 71.1 | | | |
| Imports, ore (lead content) | 4 128.9 | 196.0 | 15.2 | 17.7 | 15.7 | 16.3 | 15.6 | 14.3 | 18.7 | 19.9 | ~22.0 | 17.1 | | | | |
| Consumption, total | 1,246.3 | ~1,210.8 | 108.3 | 98.5 | 96.0 | 103.5 | 94.8 | 104.8 | 106.6 | 105.4 | 98.2 | ~92.9 | 108.5 | | | |
| Stocks, end of period: | | | | | | | | | | | | | | | | |
| Producers', ore, base bullion, and in process (lead content), ABMS | 68.8 | 64.2 | 67.1 | 70.0 | 65.5 | 67.9 | 69.7 | 67.8 | 68.3 | 69.4 | 64.0 | 64.2 | 61.8 | 60.9 | 61.0 | 66.7 |
| Refiners' (primary), refined and antimonial (lead content) | ~9.1 | 20.5 | 21.6 | 25.2 | 28.9 | 26.5 | 26.6 | 22.3 | 17.7 | 15.0 | 14.8 | 20.5 | 28.1 | | | |
| Consumers' (lead content) \diamond | 72.0 | ~65.0 | 53.6 | 60.4 | 62.6 | 63.3 | 68.6 | 65.6 | 65.3 | 61.6 | 63.2 | ~65.0 | 66.2 | | | |
| Scrap (lead-base, purchased), all smelters (gross weight) | 16.8 | 15.9 | 16.7 | 17.3 | 13.3 | 13.1 | 16.5 | 17.3 | 19.2 | 18.9 | 15.1 | 17.0 | 13.6 | | | |
| Price, common grade, delivered, \$ per lb. @@@ | 3348 | 3510 | 3430 | 3438 | 3427 | 3453 | 3633 | 3869 | 3849 | 3591 | 3307 | 3247 | 3215 | 3152 | 3141 | 3156 |
| Tin: | | | | | | | | | | | | | | | | |
| Imports (for consumption): | | | | | | | | | | | | | | | | |
| Ore (tin content), metric tons | | | | | | | | | | | | | | | | |
| Metal, unwrought, unalloyed, metric tons | 29,102 | 27,314 | 2,027 | 1,940 | 1,877 | 3,319 | 2,896 | 3,058 | 1,625 | 1,512 | 1,790 | 1,977 | 2,089 | | | |
| Recovery from scrap, total (tin content), metric tons | 12,949 | 6,099 | 544 | 535 | 543 | 562 | 470 | 551 | 529 | 519 | 504 | 472 | ~524 | 495 | | |
| As metal, metric tons | 234 | 208 | 17 | 18 | 17 | 17 | 17 | 18 | 17 | 18 | 17 | 17 | | | | |
| Consumption, total, metric tons | 49,000 | 43,900 | 3,800 | 3,800 | 3,700 | 3,800 | 3,800 | 3,500 | 3,600 | 3,600 | 3,400 | 3,300 | ~3,400 | 3,500 | | |
| Primary, metric tons | 36,900 | 33,400 | 2,800 | 2,800 | 2,700 | 2,800 | 2,800 | 2,800 | 2,900 | 2,900 | 2,700 | 2,600 | ~2,700 | 2,700 | | |
| Exports (metal), metric tons | 970 | 1,889 | 136 | 232 | 113 | 186 | 121 | 144 | 199 | 179 | 101 | 110 | 233 | | | |
| Stocks, pig (industrial), end of period, metric tons | 3,024 | 37,603 | 2,844 | 2,877 | 2,901 | 2,651 | 3,111 | 3,321 | 3,454 | 3,654 | 3,178 | 3,221 | ~3,368 | 3,373 | | |
| Price, Straits quality (delivered), \$ per lb. | 3,6285 | 4,0236 | 3,7525 | 3,8683 | 4,0270 | 4,3167 | 4,5323 | 4,4188 | 4,3420 | 3,9800 | 3,8000 | 3,8100 | ~3,9000 | ~3,8400 | 3,7800 | |
| Zinc: | | | | | | | | | | | | | | | | |
| Mine prod., recoverable zinc | | | | | | | | | | | | | | | | |
| | 517.8 | ~520.1 | 47.7 | 40.3 | 40.7 | 40.4 | 46.2 | 49.1 | 47.6 | 36.2 | 40.4 | 42.2 | 48.0 | 42.8 | | |
| Imports: | | | | | | | | | | | | | | | | |
| Ores (zinc content) | 45.4 | 44.6 | 10.6 | 3.9 | 2.3 | 2.0 | 4.7 | 6.8 | 2.5 | 2.1 | 2.6 | 1.6 | 4.6 | | | |
| Metal (slab, blocks) | 549.1 | 644.7 | 52.6 | 58.8 | 50.3 | 39.7 | 52.2 | 55.7 | 53.1 | 58.4 | 58.4 | 48.5 | 49.3 | | | |
| Consumption (recoverable zinc content): | | | | | | | | | | | | | | | | |
| Ores | 2.4 | 2.4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | |
| Scrap, all types | 252.8 | 253.2 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | | | |
| Slab zinc: | | | | | | | | | | | | | | | | |
| Production, total \ddagger | 194.4 | 209.5 | 18.0 | 17.2 | 17.3 | 17.7 | 16.5 | 17.4 | 18.1 | 18.6 | 16.9 | 17.4 | 17.4 | 16.8 | 18.5 | 17.2 |
| Consumption, fabricators | 902.0 | ~1,030.0 | 85.0 | 89.9 | 76.0 | 76.9 | 83.0 | 84.5 | 87.0 | 93.0 | 80.6 | 80.0 | ~84.0 | 80.0 | | |
| Exports | 5.5 | 6.0 | 4 | 4 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 6 | | | |
| Stocks, end of period: | | | | | | | | | | | | | | | | |
| Producers', at smelter (ABMS) | 4.6 | 7.3 | 6.7 | 5.3 | 5.7 | 4.8 | 4.5 | 4.5 | 3.8 | 4.4 | 4.9 | 7.3 | 7.1 | 5.4 | 4.5 | 4.7 |
| Consumers' | 38.9 | 38.5 | 37.0 | 37.0 | 39.5 | 45.4 | 36.9 | 39.5 | 37.5 | 36.0 | 37.6 | 38.5 | ~37.7 | 37.2 | | |
| Price, high grade, \$ per lb. | 3 5277 | 5838 | 5695 | 6053 | 6317 | 6375 | 6239 | 6495 | 6537 | 5596 | 5000 | 5012 | 5052 | 5090 | 4726 | |
| MACHINERY AND EQUIPMENT | | | | | | | | | | | | | | | | |
| <i>[Millions of dollars, unless otherwise specified]</i> | | | | | | | | | | | | | | | | |
| Industrial heating equipment, new orders (domestic), qtrly # | | | | | | | | | | | | | | | | |
| Electric processing heating equipment | 87.9 | | 13.5 | | | | 14.1 | | | | | | | | | |
| Fuel-fired processing heating equipment | 133.3 | | 13.1 | | | | 11.4 | | | | | | | | | |
| Materials handling equipment, dollar value bookings index, 1982=100 | | | | | | | | | | | | | | | | |
| | 135.1 | | 179.3 | 154.0 | 153.2 | 186.1 | | | | | | | | | | |
| Industrial supplies, machinery, and equipment: | | | | | | | | | | | | | | | | |
| New orders index, seas. adj., 1987=100 | 107.5 | 116.1 | 116.1 | 115.1 | 112.8 | 118.1 | 125.1 | 128.2 | 119.7 | 112.3 | 114.3 | 117.8 | 116.7 | 115.9 | 119.0 | |
| Industrial suppliers distribution: | | | | | | | | | | | | | | | | |
| Sales index, not seas. adj., 1990=1.00 | 9552 | 9852 | 1,0213 | 9997 | 9648 | 1,0221 | 9408 | 9708 | 1,0024 | 1,0526 | 9395 | 9929 | | | | |
| Inflation index, not seas. adj. (tools, material handling equipment, valves, fittings, abrasives, fasteners, metal products, etc.), 1977=100 | 195.9 | 199.8 | 198.5 | 199.2 | 199.5 | 199.8 | 199.5 | 199.3 | 199.4 | 199.2 | 199.4 | 199.8 | | | | |
| Fluid power products shipments indexes: | | | | | | | | | | | | | | | | |
| Hydraulic products, 1990=100 | 87.9 | 91.9 | 96.9 | 93.3 | 89.5 | 96.7 | 90.9 | 90.0 | 96.7 | 99.2 | 86.5 | 88.9 | 92.7 | 96.4 | 112.8 | 102.3 |
| Pneumatic products, 1990=100 | 99.3 | 101.3 | 106.1 | 104.8 | 95.9 | 105.0 | 104.0 | 98.5 | 101.5 | 106.3 | 95.3 | 103.5 | 103.8 | 109.1 | 127.5 | 112.3 |
| Machine tools: | | | | | | | | | | | | | | | | |
| Metal cutting type tools: | | | | | | | | | | | | | | | | |
| Orders, new (net), total | 1,893.95 | ~1,756.35 | 183.40 | 158.00 | 109.35 | 145.50 | 154.60 | 91.50 | 204.70 | 119.00 | 122.30 | 240.85 | 127.10 | ~211.90 | 242.80 | 250.75 |
| Domestic | 1,549.20 | 1,531.75 | 163.20 | 134.25 | 96.50 | 124.75 | 142.70 | 74.80 | 163.90 | 102.20 | 112.15 | 123.25 | 106.40 | 195.95 | 223.00 | 245.30 |
| Shipments, total | 1,871.80 | 1,917.80 | 215.45 | 156.45 | 124.40 | 161.15 | 133.10 | 131.70 | 199.70 | 142.40 | 137.45 | 269.50 | 166.90 | ~181.45 | 223.10 | 186.10 |
| Domestic | 1,595.35 | 1,605.05 | 185.70 | 130.50 | 100.30 | 139.80 | 110.10 | 107.25 | 165.70 | 117.25 | 120.55 | 208.60 | 146.65 | ~150.30 | 199.40 | 165.45 |
| Order backlog, end of period | 1,186.2 | 1,024.7 | 1,225.8 | 1,212.2 | 1,196.6 | 1,218.1 | 1,177.9 | 1,182.9 | 1,159.5 | 1,144.4 | 1,024.7 | 984.9 | ~1,015.4 | 1,035.1 | 1,099.7 | |
| Metal forming type tools: | | | | | | | | | | | | | | | | |
| Orders, new (net), total | 748.15 | 725.90 | 59.40 | 61.50 | 49.80 | 65.95 | 50.75 | 68.75 | 71.15 | 87.75 | 39.00 | 56.35 | 48.45 | ~70.75 | 89.30 | 97.45 |
| Domestic | 546.35 | 608.80 | 47.85 | 56.05 | 37.60 | 50.20 | 37.40 | 60.85 | 61.60 | 81.65 | 30.95 | 48.65 | 34.65 | ~47.80 | 80.80 | 65.00 |
| Shipments, total | 801.65 | 676.15 | 71.05 | 42.85 | 45.10 | 78.30 | 50.90 | 39.75 | 54.30 | 55.25 | 74.35 | 52.00 | 82.00 | ~55.50 | 94.75 | 63.60 |
| Domestic | 624.60 | 547.10 | 52.30 | 34.65 | 33.40 | 62.80 | 44.10 | 33.15 | 49.10 | 40.90 | 68.30 | 43.75 | 72.85 | ~43.65 | 84.05 | 51.35 |
| Order backlog, end of period | 250.91 | 298.7 | 240.4 | 259.1 | 263.6 | 251.5 | 251.3 | 280.3 | 297.2 | 329.71 | 294.31 | 298.7 | 265.1 | ~271.4 | 265.9 | 299.8 |

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1991 and methodological notes are as shown in BUSINESS STATISTICS, 1963-91

| | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|--|---------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| 14. METALS AND MANUFACTURES—Continued | | | | | | | | | | | | | | | | |
| MACHINERY AND EQUIPMENT—Continued | | | | | | | | | | | | | | | | |
| Tractors used in construction, shipments, qtrly: | | | | | | | | | | | | | | | | |
| Tracklaying (ex. shovel loaders), units | 7,423 | | | | | | | | | | | | | | | |
| Tracklaying (ex. shovel loaders), mil. \$ | 986.7 | | | | | | | | | | | | | | | |
| Wheel (contractors' off-highway), units | 2,609 | | | | | | | | | | | | | | | |
| Wheel (contractors' off-highway), mil. \$ | 244.5 | | | | | | | | | | | | | | | |
| Shovel loaders, units | 56,094 | | | | | | | | | | | | | | | |
| Shovel loaders, mil. \$ | 1,854.5 | | | | | | | | | | | | | | | |
| ELECTRICAL EQUIPMENT | | | | | | | | | | | | | | | | |
| <i>[Thousands]</i> | | | | | | | | | | | | | | | | |
| Batteries (auto.-type replacement), shipments | 66,585 | 65,347 | 5,116 | 4,367 | 4,770 | 5,557 | 5,526 | 6,099 | 6,696 | 6,731 | 6,052 | 5,677 | 4,451 | 4,773 | 6,224 | |
| Radio sets, factory sales, domestic market ††† | 18,530 | 21,552 | 1,585 | 1,404 | 1,344 | 1,524 | 1,783 | 1,929 | 2,813 | 2,556 | 2,100 | 1,624 | 1,440 | 1,384 | 1,632 | |
| Television sets (incl. combination models), production, total market ††† | 19,649 | 21,304 | 1,821 | 1,489 | 1,619 | 1,869 | 1,402 | 1,933 | 2,448 | 2,046 | 1,902 | 1,932 | 1,673 | 1,632 | 2,109 | 1,537 |
| Household major appliances, industry shipments # | 40,997 | 44,306 | 4,107 | 3,842 | 3,846 | 4,035 | 3,671 | 3,664 | 3,855 | 3,837 | 3,448 | 3,618 | 3,021 | 3,392 | 4,873 | 3,648 |
| Air conditioners (room) | 2,807 | 2,839 | 523 | 545 | 557 | 380 | 243 | 106 | 5 | 24 | 22 | 104 | 134 | 236 | 478 | 453 |
| Dishwashers | 3,571 | 3,820 | 331 | 321 | 293 | 321 | 300 | 310 | 329 | 346 | 359 | 370 | 285 | 307 | 378 | 317 |
| Disposers (food waste) | 4,002 | 4,196 | 350 | 298 | 304 | 416 | 311 | 389 | 458 | 331 | 295 | 401 | 342 | 333 | 428 | 320 |
| Microwave ovens/ranges | 7,234 | 8,390 | 689 | 618 | 650 | 628 | 620 | 736 | 787 | 903 | 754 | 627 | 499 | 559 | 709 | 495 |
| Ranges | 3,309 | 3,576 | 300 | 302 | 270 | 301 | 281 | 289 | 305 | 346 | 335 | 343 | 259 | 276 | 338 | 305 |
| Refrigerators | 7,273 | 7,760 | 614 | 640 | 657 | 788 | 813 | 660 | 716 | 691 | 595 | 643 | 449 | 529 | 636 | 615 |
| Freezers | 1,414 | 1,677 | 128 | 120 | 132 | 176 | 205 | 166 | 135 | 160 | 138 | 136 | 78 | 121 | 130 | 119 |
| Washers | 6,197 | 6,514 | 602 | 508 | 495 | 553 | 486 | 575 | 625 | 582 | 534 | 540 | 516 | 534 | 675 | 506 |
| Dryers, including gas | 4,313 | 4,719 | 435 | 357 | 356 | 388 | 340 | 394 | 449 | 434 | 399 | 425 | 413 | 406 | 494 | 379 |
| Vacuum cleaners (qtrly.) | 10,970 | 11,681 | 2,913 | | | 2,702 | | | 2,894 | | | 3,172 | | | 3,365 | |
| GAS EQUIPMENT (RESIDENTIAL) | | | | | | | | | | | | | | | | |
| <i>[Thousands]</i> | | | | | | | | | | | | | | | | |
| Furnaces, warm air, shipments | 2,057 | 2,107 | 158 | 152 | 142 | 166 | 176 | 195 | 224 | 236 | 180 | 162 | 165 | 158 | 158 | |
| Ranges, total, shipments | 2,401 | 2,617 | 208 | 213 | 209 | 224 | 204 | 193 | 224 | 257 | 250 | 267 | 180 | 198 | 247 | 214 |
| Water heaters (storage), automatic, shipments | 3,936 | 4,241 | 364 | 364 | 335 | 339 | 308 | 316 | 338 | 370 | 374 | 418 | 383 | 375 | 418 | |

15. PETROLEUM, COAL, AND PRODUCTS

| | | | | | | | | | | | | | | | | |
|--|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| COAL | | | | | | | | | | | | | | | | |
| <i>[Thousands of short tons, unless otherwise specified]</i> | | | | | | | | | | | | | | | | |
| Anthracite: | | | | | | | | | | | | | | | | |
| Production | 3,445 | 3,542 | 279 | 296 | 274 | 287 | 305 | 337 | 311 | 322 | 321 | 306 | 174 | 170 | 185 | 191 |
| Exports, thous. metric tons | | | | | | | | | | | | | | | | |
| Producer Price Index, 1982=100 | 105.6 | 105.8 | 106.4 | 105.7 | 105.2 | 105.2 | 105.4 | 105.5 | 106.0 | 106.0 | 105.7 | 105.8 | 105.7 | 105.8 | 105.8 | 105.8 |
| Bituminous and lignite: | | | | | | | | | | | | | | | | |
| Production | 992,539 | 996,708 | 85,827 | 82,377 | 80,210 | 79,981 | 80,768 | 84,401 | 83,555 | 86,265 | 80,240 | 83,021 | 79,361 | 75,340 | 83,762 | 80,822 |
| Consumption, total | | | | | | | | | | | | | | | | |
| Electric power utilities | 772,315 | | | | | | | | | | | | | | | |
| Industrial, total | | | | | | | | | | | | | | | | |
| Coke plants (oven and beehive) | | | | | | | | | | | | | | | | |
| Residential and commercial | | | | | | | | | | | | | | | | |
| Stocks, end of period, total | | | | | | | | | | | | | | | | |
| Electric power utilities | 158,004 | | | | | | | | | | | | | | | |
| Industrial, total | | | | | | | | | | | | | | | | |
| Oven-coke plants | | | | | | | | | | | | | | | | |
| Exports excluding lignite, thous. metric tons | | | | | | | | | | | | | | | | |
| Producer Price Index, 1982=100 | 97.1 | 94.9 | 93.6 | 94.7 | 94.9 | 95.9 | 95.2 | 95.0 | 95.0 | 95.6 | 94.7 | 96.4 | 94.8 | 94.9 | 95.1 | 94.7 |
| COKE | | | | | | | | | | | | | | | | |
| <i>[Thousands of short tons, unless otherwise specified]</i> | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | |
| Beehive and oven (byproduct) | 24,046 | | 5,892 | | | 5,850 | | | 5,837 | | | | | | | |
| Petroleum coke † | 41,493 | 43,380 | 3,565 | 3,523 | 3,676 | 3,720 | 3,850 | 3,634 | 3,546 | 3,495 | 3,525 | 3,870 | 3,708 | 3,445 | | |
| Stocks, end of period: | | | | | | | | | | | | | | | | |
| Oven-coke plants, total | 2,107 | | 2,101 | | | 2,027 | | | 2,055 | | | | | | | |
| At furnace plants | 1,856 | | 1,838 | | | 1,755 | | | 1,784 | | | | | | | |
| At merchant plants | 252 | | 263 | | | 271 | | | 271 | | | | | | | |
| Petroleum coke | 1,953 | 1,905 | 2,026 | 2,198 | 2,354 | 2,267 | 2,212 | 2,170 | 2,288 | 1,792 | 1,865 | 1,905 | 2,099 | 2,119 | | |
| Exports, thous. metric tons | | | | | | | | | | | | | | | | |
| PETROLEUM AND PRODUCTS | | | | | | | | | | | | | | | | |
| <i>[Millions of barrels, unless otherwise specified]</i> | | | | | | | | | | | | | | | | |
| Crude petroleum: | | | | | | | | | | | | | | | | |
| Producer Price Index, 1982=100 | 61.9 | 58.0 | 51.0 | 56.0 | 59.2 | 64.3 | 61.9 | 60.5 | 63.1 | 63.4 | 58.5 | 53.8 | 52.4 | 56.5 | 58.1 | 57.6 |
| Gross input to crude oil distillation units | 4,930.4 | 4,982.6 | 412.0 | 403.0 | 429.3 | 428.6 | 439.5 | 423.1 | 418.6 | 423.1 | 413.9 | 414.8 | 408.5 | 368.5 | | |
| Refinery operating ratio, % of capacity | 86 | 88 | 85 | 86 | 88 | 92 | 91 | 89 | 91 | 89 | 90 | 87 | 87 | 87 | | |
| All oils, supply, demand, and stocks: | | | | | | | | | | | | | | | | |
| New supply, total † | 6,129.8 | 6,157.4 | 500.8 | 514.6 | 516.3 | 500.6 | 538.7 | 524.9 | 509.4 | 542.2 | 505.3 | 522.7 | 533.8 | 472.3 | | |
| Production: | | | | | | | | | | | | | | | | |
| Crude petroleum | 2,707.0 | 2,618.3 | 226.8 | 218.7 | 220.4 | 214.2 | 220.0 | 214.8 | 210.6 | 219.0 | 210.8 | 220.9 | 217.2 | 194.8 | | |
| Natural gas plant liquids | 639.2 | 668.5 | 55.9 | 53.9 | 55.6 | 53.6 | 56.1 | 54.2 | 54.1 | 59.1 | 58.2 | 59.2 | 69.7 | 55.7 | | |
| Imports: | | | | | | | | | | | | | | | | |
| Crude and unfinished oils | 2,275.6 | 2,395.0 | 180.6 | 200.7 | 200.5 | 194.6 | 228.3 | 215.1 | 202.9 | 222.5 | 196.8 | 199.1 | 211.3 | 187.3 | | |
| Refined products | 508.0 | 475.9 | 37.5 | 41.3 | 39.9 | 38.3 | 34.4 | 40.8 | 41.8 | 41.6 | 39.4 | 43.6 | 35.6 | 34.4 | | |
| Change in stocks, all oils | -3.7 | -24.0 | -16.1 | 11.5 | 20.5 | 8 | 18.3 | 7 | 13.8 | 5.6 | -5.2 | -43.5 | 19.6 | -16.2 | | |
| Product demand, total | 6,465.7 | 6,571.4 | 548.7 | 531.3 | 536.2 | 536.6 | 557.6 | 549.4 | 530.9 | 568.5 | 542.4 | 593.6 | 541.1 | 515.7 | | |
| Exports: | | | | | | | | | | | | | | | | |
| Crude petroleum | 42.4 | 32.6 | 3.3 | 7 | 3.3 | 3.2 | 1.7 | 4.1 | 2.0 | 3.3 | 3.3 | 3.4 | 4.0 | 4.6 | | |
| Refined products | 322.8 | 314.7 | 25.0 | 27.4 | 24.2 | 25.1 | 27.1 | 20.3 | 23.3 | 24.7 | 26.5 | 34.9 | 25.5 | | | |

See footnotes at end of tables.

SURVEY OF CURRENT BUSINESS

| | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|--|------------------|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|-------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| 15. PETROLEUM, COAL, AND PRODUCTS—Continued | | | | | | | | | | | | | | | | |
| PETROLEUM AND PRODUCTS—Continued | | | | | | | | | | | | | | | | |
| <i>(Millions of barrels, unless otherwise specified)</i> | | | | | | | | | | | | | | | | |
| All oils, supply, demand, and stocks—Continued | | | | | | | | | | | | | | | | |
| Domestic product demand, total # | 6,100.6 | 6,223.8 | 520.4 | 503.1 | 508.8 | 507.8 | 528.8 | 525.0 | 505.5 | 540.5 | 512.5 | 555.3 | 511.6 | 492.2 | | |
| Gasoline | 2,631.7 | 2,670.2 | 222.1 | 218.2 | 226.7 | 224.4 | 236.6 | 230.8 | 220.9 | 227.9 | 214.1 | 229.3 | 209.4 | 199.9 | | |
| Kerosene | 16.9 | 16.2 | 2.5 | 1.0 | .7 | .3 | 1.7 | .4 | .6 | 1.1 | 1.0 | 1.3 | 2.0 | 2.6 | | |
| Distillate fuel oil | 1,066.1 | 1,091.1 | 98.6 | 92.0 | 85.3 | 80.9 | 83.2 | 84.8 | 87.9 | 94.0 | 87.9 | 102.6 | 103.0 | 102.4 | | |
| Residual fuel oil | 422.6 | 399.9 | 35.8 | 31.4 | 31.9 | 30.0 | 31.0 | 28.4 | 26.0 | 34.4 | 31.4 | 40.8 | 31.6 | 31.6 | | |
| Jet fuel | 537.1 | 531.2 | 42.4 | 41.9 | 41.2 | 43.1 | 44.5 | 48.8 | 43.3 | 45.9 | 45.9 | 48.1 | 45.4 | 41.7 | | |
| Lubricants | 53.4 | 54.4 | 4.6 | 4.8 | 5.6 | 4.6 | 4.5 | 4.4 | 4.6 | 4.5 | 4.2 | 3.6 | 4.6 | 4.0 | | |
| Asphalt | 162.2 | 165.8 | 7.3 | 11.4 | 15.4 | 20.7 | 20.3 | 21.8 | 20.7 | 18.1 | 11.1 | 7.2 | 4.5 | 6.5 | | |
| Liquefied petroleum gases | 616.3 | 646.7 | 52.2 | 46.8 | 51.0 | 46.2 | 47.5 | 46.5 | 48.6 | 58.6 | 63.0 | 67.6 | 59.4 | 54.0 | | |
| Stocks, end of period, total | 1,617.0 | 1,591.7 | 1,569.3 | 1,580.8 | 1,601.3 | 1,602.1 | 1,620.4 | 1,621.1 | 1,634.9 | 1,640.5 | 1,635.3 | 1,591.7 | 1,611.4 | 1,595.1 | | |
| Crude petroleum | 893.1 | 892.8 | 907.1 | 916.4 | 911.8 | 894.5 | 902.2 | 898.8 | 893.4 | 906.1 | 898.8 | 892.8 | 901.0 | 907.1 | | |
| Strategic petroleum reserve | 568.5 | 574.7 | 568.5 | 568.5 | 568.5 | 569.5 | 569.6 | 570.1 | 571.4 | 573.6 | 574.0 | 574.7 | 575.3 | 575.8 | | |
| Unfinished oils, natural gasoline, etc | 147.1 | 150.3 | 158.9 | 155.5 | 153.1 | 156.9 | 156.1 | 155.0 | 163.3 | 161.7 | 158.5 | 150.3 | 162.9 | 162.8 | | |
| Refined products | 576.7 | 548.7 | 503.2 | 508.9 | 536.4 | 550.7 | 562.2 | 567.3 | 578.3 | 572.7 | 577.9 | 548.7 | 547.5 | 525.2 | | |
| Refined petroleum products: | | | | | | | | | | | | | | | | |
| Gasoline (incl. aviation): | | | | | | | | | | | | | | | | |
| Production | 2,554.0 | 2,592.7 | 208.1 | 209.3 | 220.9 | 216.7 | 224.0 | 212.3 | 212.5 | 223.6 | 220.1 | 229.9 | 222.7 | 199.4 | | |
| Stocks, end of period | 183.3 | 179.1 | 182.9 | 184.1 | 187.3 | 189.6 | 183.1 | 168.2 | 169.8 | 169.1 | 178.0 | 179.1 | 197.0 | 201.7 | | |
| Prices, regular grade (excl. aviation): | | | | | | | | | | | | | | | | |
| Producer Price Index, 1982=100 | 69.2 | *71.1 | 60.4 | 64.5 | 73.3 | 79.1 | 79.7 | 78.8 | 75.8 | 76.1 | 75.3 | *69.8 | 66.7 | 66.2 | 67.2 | 69.3 |
| Retail, U.S. city average (BLS): | | | | | | | | | | | | | | | | |
| Leaded, \$ per gal. | (²) | (²) | | | | | | | | | | | | | | |
| Unleaded, \$ per gal. | 1.140 | 1.127 | 1.058 | 1.079 | 1.136 | 1.179 | 1.175 | 1.158 | 1.158 | 1.154 | 1.159 | 1.136 | 1.117 | 1.108 | 1.098 | 1.112 |
| Aviation gasoline: | | | | | | | | | | | | | | | | |
| Production | 8.0 | 7.8 | .6 | .5 | .8 | .7 | .9 | .9 | .8 | .5 | .4 | .5 | .5 | .5 | | |
| Stocks, end of period | 1.6 | 1.5 | 1.6 | 1.5 | 1.6 | 1.4 | 1.6 | 1.6 | 1.7 | 1.7 | 1.6 | 1.5 | 1.7 | 1.9 | | |
| Kerosene: | | | | | | | | | | | | | | | | |
| Production | 14.0 | 14.8 | 1.0 | .7 | .8 | .6 | 1.3 | .9 | 1.1 | 1.6 | 1.8 | 1.6 | 2.3 | 1.8 | | |
| Stocks, end of period | 5.8 | 5.5 | 4.2 | 3.8 | 3.8 | 4.0 | 3.8 | 5.1 | 5.7 | 5.9 | 6.1 | 5.5 | 5.3 | 4.5 | | |
| Producer Price Index (light distillate), 1982=100 | 65.9 | 61.2 | 55.8 | 57.0 | 61.2 | 63.5 | 66.5 | 64.2 | 64.2 | 65.8 | 63.1 | *60.1 | 59.1 | 59.9 | 60.5 | 59.1 |
| Distillate fuel oil: | | | | | | | | | | | | | | | | |
| Production | 1,081.0 | 1,090.2 | 85.3 | 88.6 | 91.1 | 90.0 | 95.3 | 88.8 | 89.5 | 100.8 | 97.1 | 98.6 | 90.2 | 78.8 | | |
| Imports | 74.8 | 78.0 | 6.7 | 6.0 | 5.6 | 4.7 | 5.3 | 7.3 | 7.1 | 8.1 | 7.1 | 7.1 | 5.6 | 6.3 | | |
| Stocks, end of period | 143.5 | 140.6 | 97.7 | 92.0 | 96.5 | 104.3 | 115.4 | 122.8 | 127.1 | 136.7 | 146.1 | 140.6 | 130.2 | 109.4 | | |
| Producer Price Index (middle distillate), 1982=100 | 65.2 | 61.6 | 56.0 | 59.0 | 62.1 | 65.4 | 64.6 | 63.3 | 65.6 | 68.2 | 64.2 | *59.4 | 58.4 | 60.3 | 63.3 | 62.4 |
| Residual fuel oil: | | | | | | | | | | | | | | | | |
| Production | 341.1 | 326.7 | 30.7 | 27.0 | 29.9 | 26.8 | 26.0 | 25.3 | 24.3 | 25.4 | 26.9 | 26.8 | 25.4 | 23.5 | | |
| Imports | 165.4 | 136.5 | 12.1 | 10.3 | 10.2 | 10.0 | 8.7 | 10.7 | 10.5 | 11.6 | 12.5 | 14.9 | 11.9 | 9.1 | | |
| Stocks, end of period | 49.9 | 42.7 | 40.4 | 38.3 | 40.0 | 39.9 | 38.3 | 43.0 | 47.3 | 45.1 | 46.6 | 42.7 | 44.2 | 42.1 | | |
| Producer Price Index, 1982=100 | 49.1 | *45.9 | 35.3 | 38.8 | 43.7 | 46.8 | 45.5 | 49.2 | 53.7 | 49.5 | 53.6 | *56.2 | 49.6 | 51.6 | 48.0 | 54.1 |
| Jet fuel: | | | | | | | | | | | | | | | | |
| Production | 525.0 | 511.9 | 41.8 | 38.5 | 43.1 | 41.2 | 45.7 | 45.6 | 43.4 | 43.6 | 43.7 | 45.3 | 44.5 | 40.4 | | |
| Stocks, end of period | 48.8 | 43.3 | 43.8 | 41.6 | 45.4 | 44.8 | 46.5 | 45.6 | 47.9 | 47.7 | 46.4 | 43.3 | 41.0 | 42.3 | | |
| Lubricants: | | | | | | | | | | | | | | | | |
| Production | 57.0 | 57.6 | 5.0 | 5.2 | 4.5 | 4.4 | 4.9 | 5.1 | 4.7 | 4.9 | 4.7 | 4.9 | 4.8 | 4.5 | | |
| Stocks, end of period | 12.3 | 13.3 | 12.3 | 12.4 | 11.1 | 10.6 | 10.9 | 11.6 | 11.8 | 12.0 | 12.3 | 13.3 | 13.5 | 13.7 | | |
| Asphalt: | | | | | | | | | | | | | | | | |
| Production | 156.8 | 152.5 | 9.5 | 12.5 | 14.1 | 15.7 | 16.4 | 16.5 | 16.9 | 14.7 | 11.6 | 8.8 | 8.8 | 8.6 | | |
| Stocks, end of period | 22.3 | 17.4 | 30.5 | 32.1 | 32.0 | 27.6 | 24.4 | 19.7 | 16.4 | 13.5 | 15.0 | 17.4 | 22.1 | 25.3 | | |
| Liquefied petroleum gases: | | | | | | | | | | | | | | | | |
| Production, total | 683.1 | 720.8 | 62.8 | 63.4 | 65.5 | 63.0 | 64.4 | 62.4 | 56.7 | 58.5 | 55.6 | 57.2 | 57.0 | 53.6 | | |
| At gas processing plants (L.P.G.) | 487.5 | 500.2 | 42.7 | 41.4 | 42.5 | 40.9 | 41.2 | 40.3 | 39.6 | 42.6 | 42.5 | 43.9 | 43.7 | 40.3 | | |
| At refineries (L.R.G.) | 195.6 | 220.6 | 20.1 | 22.0 | 23.0 | 22.1 | 23.2 | 22.1 | 17.1 | 15.9 | 13.1 | 13.3 | 13.3 | 13.3 | | |
| Stocks (at plants and refineries) | 92.3 | 88.7 | 72.5 | 84.6 | 99.3 | 109.7 | 120.3 | 131.8 | 132.9 | 125.5 | 109.1 | 88.7 | 75.0 | 66.3 | | |
| 16. PULP, PAPER, AND PAPER PRODUCTS | | | | | | | | | | | | | | | | |
| PULPWOOD | | | | | | | | | | | | | | | | |
| <i>(Thousands of cords (128 cu. ft.))</i> | | | | | | | | | | | | | | | | |
| Receipts | 96,659 | 103,373 | 8,194 | 8,101 | 8,331 | 8,711 | 9,048 | 8,765 | 8,924 | 9,188 | 8,221 | 8,980 | 8,697 | 8,865 | | |
| Consumption | 98,242 | 104,598 | 8,166 | 8,411 | 8,693 | 8,861 | 9,209 | 8,924 | 8,781 | 8,992 | 8,720 | 9,280 | 9,076 | 8,850 | | |
| Inventories, end of period | 5,688 | 5,314 | 5,655 | 5,580 | 5,594 | 5,484 | 5,373 | 5,358 | 5,551 | 6,056 | 5,667 | 5,314 | 4,948 | 5,372 | | |
| WASTE PAPER | | | | | | | | | | | | | | | | |
| <i>(Thousands of short tons)</i> | | | | | | | | | | | | | | | | |
| Consumption | 22,845 | *25,355 | 2,114 | 2,002 | 2,076 | 2,095 | 2,057 | 2,118 | 2,132 | 2,181 | 2,182 | 2,104 | *2,294 | *2,092 | 2,321 | |
| Inventories, end of period | 1,113 | *1,057 | 1,030 | 1,040 | 1,056 | 1,090 | 1,112 | 1,078 | 1,131 | 1,110 | 1,031 | *1,147 | *1,046 | *1,010 | 1,055 | |
| WOODPULP | | | | | | | | | | | | | | | | |
| <i>(Thousands of short tons)</i> | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | |
| Total | *63,636 | *65,342 | 5,525 | 5,489 | 5,320 | 5,417 | 5,711 | 5,419 | 5,318 | 5,409 | 5,310 | 5,458 | 5,684 | *5,044 | 5,410 | |
| Dissolving pulp | 1,370 | 1,383 | 120 | 114 | 110 | 127 | 115 | 129 | 101 | 89 | 127 | 102 | 129 | 109 | 124 | |
| Paper grades chemical pulp | *51,768 | *53,358 | 4,528 | 4,499 | 4,343 | 4,433 | 4,676 | 4,408 | 4,350 | 4,415 | 4,268 | 4,468 | 4,635 | *4,129 | 4,435 | |
| Groundwood and thermo-mechanical | 6,404 | 6,501 | 529 | 537 | 521 | 521 | 558 | 543 | 531 | 573 | 583 | 548 | 563 | 495 | 518 | |
| Semi-chemical | 4,094 | *4,100 | 349 | 340 | 347 | 335 | 363 | 339 | 337 | 332 | 333 | 340 | 357 | 311 | 334 | |
| Inventories, end of period: | | | | | | | | | | | | | | | | |
| Producers' own use | 219 | *236 | 236 | 225 | 240 | 230 | 225 | 245 | 228 | 220 | 214 | 194 | 218 | 194 | 205 | |
| Producers' market | 518 | *480 | 480 | 530 | 570 | 507 | 596 | 676 | 710 | 727 | 850 | 882 | 922 | *938 | 862 | |
| Consumers' purchased | 451 | *438 | 438 | 434 | 385 | 423 | 399 | 388 | 374 | 366 | 380 | 407 | 419 | 406 | 450 | |
| <i>(Thousands of metric tons)</i> | | | | | | | | | | | | | | | | |
| Exports, all grades, total | | | | | | | | | | | | | | | | |
| Dissolving and special alpha | | | | | | | | | | | | | | | | |
| All other | | | | | | | | | | | | | | | | |
| Imports, all grades, total | | | | | | | | | | | | | | | | |
| Dissolving and special alpha | | | | | | | | | | | | | | | | |
| All other | | | | | | | | | | | | | | | | |

See footnotes at end of tables.

SURVEY OF CURRENT BUSINESS

May 1993 • S-29

| Unless otherwise stated in footnotes below, data through 1991 and methodological notes are as shown in BUSINESS STATISTICS, 1963-91 | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|---|--------|------|------|------|-----|------|------|------|-------|------|------|------|------|------|------|------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |

16. PULP, PAPER, AND PAPER PRODUCTS—Continued

| PAPER AND PAPER PRODUCTS | | | | | | | | | | | | | | | | |
|--|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <i>[Thousands of short tons, unless otherwise specified]</i> | | | | | | | | | | | | | | | | |
| Paper and board: | | | | | | | | | | | | | | | | |
| Production (API): | | | | | | | | | | | | | | | | |
| Total | 79,499 | 82,376 | 6,988 | 6,707 | 6,706 | 6,821 | 6,941 | 6,950 | 6,950 | 7,007 | 6,793 | 6,905 | 7,092 | 6,540 | 7,183 | |
| Paper | 39,082 | 40,407 | 3,376 | 3,273 | 3,201 | 3,295 | 3,403 | 3,457 | 3,415 | 3,519 | 3,324 | 3,318 | 3,452 | 3,206 | 3,536 | |
| Paperboard | 40,416 | 41,968 | 3,612 | 3,433 | 3,505 | 3,526 | 3,538 | 3,492 | 3,460 | 3,489 | 3,469 | 3,587 | 3,640 | 3,335 | 3,647 | |
| Producer Price Indexes: | | | | | | | | | | | | | | | | |
| Paperboard, 1982=100 | 130.2 | 134.3 | 133.4 | 134.3 | 134.3 | 134.3 | 134.2 | 134.6 | 135.9 | 135.7 | 133.9 | 133.6 | 133.4 | 131.8 | 131.7 | 131.1 |
| Building paper and board, 1982=100 | 111.8 | 119.6 | 119.2 | 118.5 | 119.1 | 118.9 | 118.8 | 120.0 | 123.7 | 123.5 | 121.8 | 121.7 | 124.7 | 128.7 | 133.5 | 136.3 |
| Selected types of paper (API): | | | | | | | | | | | | | | | | |
| Groundwood paper: | | | | | | | | | | | | | | | | |
| Orders, new | 1,717 | 1,690 | 131 | 110 | 140 | 131 | 155 | 150 | 166 | 164 | 113 | 128 | 168 | 125 | 147 | |
| Orders, unfilled, end of period | 220 | 167 | 317 | 226 | 229 | 257 | 274 | 263 | 316 | 350 | 161 | 167 | 178 | 165 | 158 | |
| Shipments | 1,716 | 1,642 | 134 | 127 | 124 | 123 | 140 | 139 | 129 | 144 | 150 | 139 | 150 | 134 | 153 | |
| Coated papers: | | | | | | | | | | | | | | | | |
| Orders, new | 7,342 | 7,881 | 627 | 583 | 642 | 640 | 666 | 686 | 653 | 702 | 601 | 665 | 658 | 622 | 670 | |
| Orders, unfilled, end of period | 591 | 881 | 689 | 636 | 664 | 665 | 707 | 696 | 686 | 733 | 832 | 881 | 839 | 879 | 856 | |
| Shipments | 7,358 | 7,851 | 616 | 583 | 625 | 655 | 668 | 661 | 685 | 685 | 662 | 662 | 648 | 603 | 687 | |
| Uncoated free sheet: | | | | | | | | | | | | | | | | |
| Orders, new | 11,497 | 11,994 | 1,068 | 990 | 906 | 991 | 1,090 | 1,040 | 993 | 1,033 | 886 | 1,036 | 1,086 | 949 | 1,051 | |
| Shipments | 11,504 | 11,874 | 1,001 | 981 | 926 | 957 | 1,032 | 1,032 | 1,022 | 1,038 | 920 | 969 | 1,032 | 959 | 1,035 | |
| Unbleached kraft papers: | | | | | | | | | | | | | | | | |
| Shipments | 2,280 | 2,380 | 208 | 196 | 193 | 193 | 189 | 202 | 189 | 198 | 210 | 178 | 192 | 185 | 207 | |
| Tissue paper, production | | | | | | | | | | | | | | | | |
| | 5,669 | 5,784 | 502 | 470 | 480 | 470 | 456 | 497 | 493 | 497 | 493 | 482 | 495 | 467 | 531 | |
| <i>[Thousands of metric tons, unless otherwise specified]</i> | | | | | | | | | | | | | | | | |
| Newsprint: | | | | | | | | | | | | | | | | |
| Canada: | | | | | | | | | | | | | | | | |
| Production | 8,976 | 8,932 | 710 | 707 | 783 | 695 | 692 | 752 | 741 | 842 | 794 | 790 | 812 | 743 | 829 | |
| Shipments from mills | 8,728 | 9,145 | 737 | 741 | 815 | 766 | 754 | 724 | 785 | 874 | 786 | 844 | 761 | 734 | 845 | |
| Inventory, end of period | 593 | 351 | 644 | 610 | 578 | 507 | 445 | 472 | 429 | 397 | 405 | 351 | 403 | 410 | 396 | |
| United States: | | | | | | | | | | | | | | | | |
| Production | 6,206 | 6,425 | 532 | 541 | 530 | 519 | 552 | 542 | 513 | 570 | 536 | 530 | 558 | 501 | 538 | |
| Shipments from mills | 6,152 | 6,464 | 532 | 541 | 539 | 526 | 565 | 545 | 516 | 556 | 544 | 537 | 548 | 509 | 539 | |
| Inventory, end of period | 98 | 59 | 95 | 95 | 85 | 78 | 65 | 62 | 59 | 73 | 65 | 59 | 68 | 60 | 60 | |
| Estimated consumption, all users \diamond | 11,380 | 11,634 | 943 | 1,030 | 980 | 941 | 976 | 953 | 963 | 1,087 | 1,002 | 990 | 942 | 916 | 933 | |
| Publishers' stocks, end of period # | 816 | 938 | 958 | 908 | 850 | 865 | 955 | 921 | 917 | 886 | 864 | 938 | 1,015 | 1,080 | 1,084 | |
| Imports | | | | | | | | | | | | | | | | |
| Producer Price Index, standard newsprint, 1982=100 | 120.9 | 109.9 | 112.3 | 108.8 | 108.3 | 106.6 | 106.6 | 106.7 | 109.5 | 109.2 | 110.6 | 109.6 | 109.2 | 110.4 | 113.7 | 113.5 |
| Paper products: | | | | | | | | | | | | | | | | |
| Shipping containers, corrugated and solid fiber shipments, mil. sq. ft. surf. area | 320,106 | 335,696 | 27,987 | 29,445 | 26,856 | 28,368 | 28,886 | 27,898 | 27,956 | 30,517 | 25,532 | 25,530 | 28,119 | 26,333 | 29,913 | 30,372 |

17. RUBBER AND RUBBER PRODUCTS

| RUBBER | | | | | | | | | | | | | | | | |
|---|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| <i>[Thousands of metric tons, unless otherwise specified]</i> | | | | | | | | | | | | | | | | |
| Natural rubber: | | | | | | | | | | | | | | | | |
| Consumption | | | | | | | | | | | | | | | | |
| Stocks, end of period | | | | | | | | | | | | | | | | |
| Imports, incl. latex and guayule | | | | | | | | | | | | | | | | |
| U.S. Import Price Index, 1985=100 | 101.2 | 106.0 | 102.6 | | | 105.6 | | | | 107.3 | | | 108.3 | | (?) | |
| Synthetic rubber: | | | | | | | | | | | | | | | | |
| Production | | | | | | | | | | | | | | | | |
| Consumption | | | | | | | | | | | | | | | | |
| Stocks, end of period | | | | | | | | | | | | | | | | |
| Exports (Bureau of Census) | | | | | | | | | | | | | | | | |
| TIRES AND TUBES | | | | | | | | | | | | | | | | |
| <i>[Thousands]</i> | | | | | | | | | | | | | | | | |
| Pneumatic casings: | | | | | | | | | | | | | | | | |
| Production | 202,390 | 230,250 | 20,356 | 19,065 | 18,874 | 19,380 | 17,273 | 20,306 | 19,975 | 21,602 | 18,384 | 17,501 | 20,037 | 19,872 | 21,900 | |
| Shipments, total | 256,875 | 273,539 | 23,702 | 23,447 | 23,492 | 24,170 | 21,910 | 23,472 | 24,589 | 25,514 | 22,596 | 21,162 | 20,009 | 21,235 | 25,547 | |
| Original equipment | 48,582 | 53,436 | 4,783 | 4,726 | 5,039 | 4,723 | 3,282 | 4,507 | 4,518 | 5,158 | 4,503 | 4,154 | 4,716 | 5,014 | 5,924 | |
| Replacement equipment | 188,303 | 199,543 | 17,128 | 17,068 | 16,841 | 17,662 | 16,964 | 17,171 | 18,152 | 18,580 | 16,517 | 15,459 | 13,618 | 14,457 | 17,825 | |
| Exports | 18,998 | 20,543 | 1,789 | 1,653 | 1,612 | 1,784 | 1,665 | 1,795 | 1,919 | 1,778 | 1,577 | 1,549 | 1,675 | 1,854 | 1,799 | |
| Stocks, end of period | 35,533 | 40,392 | 41,212 | 40,981 | 40,576 | 40,201 | 39,918 | 40,654 | 39,789 | 40,090 | 39,916 | 40,392 | 43,859 | 45,993 | 46,795 | |
| Exports (Bureau of Census) | | | | | | | | | | | | | | | | |
| Inner tubes: | | | | | | | | | | | | | | | | |
| Exports (Bureau of Census) | | | | | | | | | | | | | | | | |

See footnotes at end of tables.

| | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|---|------------|------------|---------|--------|--------|---------|--------|--------|---------|--------|--------|---------|--------|--------|-------|-------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| 18. STONE, CLAY, AND GLASS PRODUCTS | | | | | | | | | | | | | | | | |
| PORTLAND CEMENT | | | | | | | | | | | | | | | | |
| Shipments, finished cement, <i>thous. bbl.</i> | 1 415,203 | 1 440,666 | 30,474 | 37,654 | 40,482 | 44,625 | 43,913 | 43,700 | 44,239 | 47,001 | 32,259 | 28,216 | | | | |
| CLAY CONSTRUCTION PRODUCTS | | | | | | | | | | | | | | | | |
| Shipments: | | | | | | | | | | | | | | | | |
| Brick, unglazed (common and face), <i>mil. standard brick</i> | 5,404.8 | 5,847.7 | 1,193.7 | | | 1,554.5 | | | 1,667.5 | | | 1,432.0 | | | | |
| Structural tile, except facing, <i>thous. sh. tons</i> | (2) 57,141 | (2) 54,414 | | | | 38.2 | | | | | | 36.8 | | | | |
| Sewer pipe and fittings, vitrified, <i>thous. sh. tons</i> | 195.6 | 152.8 | 39.1 | | | | | | 38.6 | | | | | | | |
| Floor and wall tile and accessories, glazed and unglazed, <i>mil. sq. ft.</i> | 429.8 | 471.7 | 114.1 | | | 118.1 | | | 122.9 | | | 116.5 | | | | |
| Producer Price Index, brick and structural clay tile, 12/84=100 | 116.2 | 118.0 | 116.9 | 117.2 | 117.8 | 118.3 | 118.4 | 118.6 | 118.5 | 118.9 | 119.0 | 119.0 | 120.0 | 120.7 | 120.9 | 121.8 |
| GLASS AND GLASS PRODUCTS | | | | | | | | | | | | | | | | |
| <i>[Thousand gross, unless otherwise specified]</i> | | | | | | | | | | | | | | | | |
| Flat glass, mfrs.: shipments, <i>thous. \$</i> | 1,350,658 | 1,528,698 | 378,380 | | | 391,358 | | | 390,868 | | | 368,092 | | | | |
| Glass containers: | | | | | | | | | | | | | | | | |
| Production | 281,111 | 287,737 | 25,982 | 24,703 | 23,986 | 24,730 | 25,138 | 25,247 | 23,313 | 25,041 | 22,559 | 20,343 | | | | |
| Shipments, total | 277,657 | 284,274 | 25,558 | 24,269 | 25,188 | 26,269 | 26,181 | 25,056 | 24,206 | 24,146 | 20,823 | 20,979 | | | | |
| Narrow-neck containers: | | | | | | | | | | | | | | | | |
| Food | 23,477 | 26,939 | 2,407 | 2,304 | 2,292 | 2,668 | 2,506 | 2,924 | 2,649 | 2,420 | 1,575 | 1,604 | | | | |
| Beverage | 57,141 | 54,414 | 4,939 | 4,810 | 5,259 | 5,592 | 5,231 | 4,757 | 4,617 | 4,245 | 3,652 | 3,598 | | | | |
| Beer | 84,304 | 88,805 | 7,823 | 7,695 | 7,936 | 7,851 | 8,426 | 7,506 | 7,279 | 7,523 | 6,719 | 7,304 | | | | |
| Liquor and wine | 24,038 | 26,054 | 2,342 | 2,306 | 2,301 | 2,616 | 2,419 | 2,459 | 2,022 | 2,040 | 1,945 | 1,845 | | | | |
| Wide-mouth containers: | | | | | | | | | | | | | | | | |
| Food and dairy products | 74,683 | 73,346 | 6,621 | 5,784 | 6,190 | 6,364 | 6,531 | 6,098 | 6,511 | 6,775 | 5,817 | 5,491 | | | | |
| Narrow-neck and wide-mouth containers: | | | | | | | | | | | | | | | | |
| Medicinal and toilet | 12,816 | 13,144 | 1,294 | 1,270 | 1,113 | 1,030 | 915 | 1,149 | 1,003 | 1,031 | 1,018 | 1,035 | | | | |
| Chemical, household, and industrial | 1,198 | 1,572 | 132 | 100 | 97 | 148 | 153 | 163 | 125 | 112 | 97 | 102 | | | | |
| Stocks, end of period | 44,058 | 45,914 | 49,726 | 48,947 | 48,145 | 46,215 | 45,297 | 45,407 | 44,327 | 45,069 | 46,646 | 45,914 | | | | |
| GYPSUM AND PRODUCTS | | | | | | | | | | | | | | | | |
| <i>[Thousands of short tons]</i> | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | |
| Crude gypsum (exc. byproduct) | 1 14,760 | 1 15,853 | 1,220 | 1,283 | 1,164 | 1,320 | 1,404 | 1,390 | 1,411 | 1,502 | 1,411 | 1,230 | 1,147 | 1,513 | | |
| Calcined | 1 14,688 | 1 15,981 | 1,421 | 1,344 | 1,201 | 1,321 | 1,423 | 1,395 | 1,399 | 1,461 | 1,289 | 1,181 | 1,298 | 1,335 | | |
| Imports, crude gypsum | 1 7,634 | 7,917 | 525 | 729 | 745 | 948 | 675 | 562 | 749 | 597 | 605 | 592 | 659 | | | |
| Sales of gypsum products: | | | | | | | | | | | | | | | | |
| Uncalcined | 1 5,272 | 1 5,469 | 377 | 398 | 446 | 525 | 515 | 481 | 485 | 488 | 456 | 490 | 344 | 332 | | |
| Calcined: | | | | | | | | | | | | | | | | |
| Industrial plasters | (4) | (4) | | | | | | | | | | | | | | |
| Building plasters, total (incl. Keene's cement) | (2) | (2) | | | | | | | | | | | | | | |
| <i>[Millions of square feet]</i> | | | | | | | | | | | | | | | | |
| Board products, total | 1 18,317 | 1 20,177 | 1,862 | 1,622 | 1,466 | 1,706 | 1,908 | 1,661 | 1,806 | 1,826 | 1,603 | 1,550 | 1,600 | 1,773 | | |
| Lath | 12 | 11 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| Veneer base | 396 | 452 | 40 | 34 | 31 | 39 | 45 | 38 | 39 | 40 | 39 | 35 | 37 | 42 | | |
| Gypsum sheathing | 227 | 247 | 42 | 34 | 31 | 37 | 40 | 38 | 40 | 41 | 19 | 18 | 19 | 18 | | |
| Regular gypsum board | 11,286 | 12,730 | 1,184 | 1,009 | 914 | 1,062 | 1,204 | 1,032 | 1,147 | 1,150 | 1,028 | 979 | 1,027 | 1,139 | | |
| Type X gypsum board | 5,033 | 5,186 | 460 | 412 | 370 | 435 | 480 | 415 | 437 | 445 | 388 | 400 | 390 | 436 | | |
| Predecorated wallboard | 85 | 85 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 7 | 7 | 6 | 6 | | |
| 5/8 mobile home board | 670 | 829 | 68 | 69 | 66 | 70 | 72 | 80 | 78 | 85 | 72 | 61 | 71 | 71 | | |
| Water/moisture resistant board | 608 | 637 | 59 | 55 | 47 | 54 | 58 | 51 | 55 | 56 | 50 | 50 | 52 | 58 | | |
| 19. TEXTILE PRODUCTS | | | | | | | | | | | | | | | | |
| FABRIC | | | | | | | | | | | | | | | | |
| <i>[Millions of linear yards]</i> | | | | | | | | | | | | | | | | |
| Woven fabric, finishing plants: | | | | | | | | | | | | | | | | |
| Production (finished fabric) | | | | | | | | | | | | | | | | |
| Cotton | | | | | | | | | | | | | | | | |
| Manmade fiber and silk fabrics | | | | | | | | | | | | | | | | |
| Inventories held at end of period | | | | | | | | | | | | | | | | |
| Cotton | | | | | | | | | | | | | | | | |
| Manmade fiber and silk fabrics | | | | | | | | | | | | | | | | |
| Backlog of finishing orders | | | | | | | | | | | | | | | | |
| Cotton | | | | | | | | | | | | | | | | |
| Manmade fiber and silk fabrics | | | | | | | | | | | | | | | | |
| COTTON AND MANUFACTURES | | | | | | | | | | | | | | | | |
| <i>[Thousands of running bales, unless otherwise specified]</i> | | | | | | | | | | | | | | | | |
| Cotton (excluding linters): | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | |
| Ginnings ϕ | 17,146 | 15,786 | | | | | 14 | 451 | 1,674 | 7,595 | 12,599 | 14,945 | 15,546 | | | |
| Crop estimate, <i>thous. net weight bales \$</i> | 17,146 | 16,218 | | | | | | | | | | | | | | |
| Consumption | 8,367 | 9,433 | 900 | 719 | 752 | 885 | 682 | 744 | 910 | 766 | 723 | 750 | 753 | 761 | 933 | 742 |
| Stocks in the United States, total, end of period # | 13,579 | 13,875 | 8,516 | 7,240 | 5,953 | 4,504 | 3,552 | 18,282 | 16,958 | 16,166 | 15,153 | 13,875 | 12,623 | 11,360 | 9,762 | 8,514 |
| Domestic cotton, total | 13,579 | 13,875 | 8,516 | 7,240 | 5,953 | 4,504 | 3,552 | 18,282 | 16,958 | 16,166 | 15,153 | 13,875 | 12,623 | 11,360 | 9,762 | 8,514 |
| On farms and in transit | 1,924 | 2,032 | 189 | 330 | 268 | 140 | 83 | 15,426 | 14,016 | 9,124 | 4,627 | 2,032 | 1,892 | 1,622 | 1,365 | 1,242 |
| Public storage and compresses | 11,075 | 11,252 | 7,696 | 6,273 | 5,057 | 3,723 | 2,806 | 2,227 | 2,395 | 6,535 | 10,015 | 11,252 | 10,114 | 9,108 | 7,725 | 6,581 |
| Consuming establishments | 580 | 591 | 631 | 637 | 628 | 641 | 663 | 629 | 547 | 507 | 511 | 591 | 617 | 630 | 672 | 691 |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1991 and methodological notes are as shown in BUSINESS STATISTICS, 1963-91 | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|---|---------|---------|---------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|-------|-------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| 19. TEXTILE PRODUCTS—Continued | | | | | | | | | | | | | | | | |
| COTTON AND MANUFACTURES—Continued | | | | | | | | | | | | | | | | |
| Cotton (excluding linters)—Continued | | | | | | | | | | | | | | | | |
| Exports, thous. running bales | | | | | | | | | | | | | | | | |
| Imports, thous. net weight bales | | | | | | | | | | | | | | | | |
| Price(farm), American upland, cents per lb. 0 | 56.8 | 53.3 | 50.3 | 53.1 | 53.2 | 58.0 | 56.3 | 53.7 | 53.6 | 53.6 | 52.5 | 54.2 | 52.7 | 52.9 | 55.5 | 54.3 |
| Price, Strict Low Middling, Grade 41, staple 34 (1 1/8"), average 10 markets, cents per lb. | 56.7 | 53.5 | 52.0 | 55.0 | 55.4 | 58.8 | 60.9 | 57.6 | 53.5 | 49.5 | 50.0 | 51.8 | 53.7 | 55.4 | 56.4 | 56.2 |
| Spindle activity (cotton system spindles): | | | | | | | | | | | | | | | | |
| Active spindles, last working day, total, millions | 9.2 | 8.2 | 8.7 | 8.7 | 8.7 | 8.6 | 8.5 | 8.5 | 8.5 | 8.4 | 8.3 | 8.2 | 8.2 | 8.2 | 8.1 | 8.0 |
| Consuming 100 percent cotton, millions | 3.7 | 3.5 | 3.8 | 3.8 | 3.8 | 3.7 | 3.7 | 3.7 | 3.6 | 3.5 | 3.5 | 3.5 | 3.4 | 3.4 | 3.4 | 3.4 |
| Spindle hours operated, all fibers, total, billions | 60.4 | 59.6 | 59.9 | 4.8 | 4.8 | 5.6 | 4.2 | 4.6 | 5.5 | 4.6 | 4.3 | 4.5 | 4.3 | 4.4 | 5.4 | 4.2 |
| Average per working day, billions | 231 | 225 | 236 | 237 | 240 | 226 | 212 | 231 | 220 | 232 | 214 | 181 | 216 | 221 | 216 | 211 |
| Consuming 100 percent cotton, billions | 24.3 | 24.8 | 24.2 | 2.0 | 2.0 | 2.3 | 1.8 | 2.0 | 2.3 | 2.0 | 1.8 | 1.9 | 1.8 | 1.8 | 2.3 | 1.8 |
| Cotton cloth: | | | | | | | | | | | | | | | | |
| Cotton broadwoven goods over 12" in width: | | | | | | | | | | | | | | | | |
| Production (qtrly), mil. sq. yd. | 4,404 | 4,590 | 1,144 | | | 1,172 | | | 1,130 | | | 1,144 | | | | |
| Orders, unfilled, end of period, compared with average weekly production, no. weeks' prod. | | | | | | | | | | | | | | | | |
| Inventories, end of period, compared with avg. weekly production, no. weeks' prod. | | | | | | | | | | | | | | | | |
| Ratio of stocks to unfilled orders (at cotton mills), end of period | | | | | | | | | | | | | | | | |
| Exports, raw cotton equivalent, thous. net weight bales \$ | | | | | | | | | | | | | | | | |
| Imports, raw cotton equivalent, thous. net weight bales \$ | | | | | | | | | | | | | | | | |
| Producer Price Index, gray cotton broadwovens, 1982=100 | 114.9 | 117.0 | 116.7 | 116.7 | 116.8 | 117.5 | 117.3 | 117.3 | 117.2 | 116.9 | 117.1 | 117.2 | 116.9 | 116.4 | 115.0 | 116.0 |
| MANMADE FIBERS AND MANUFACTURES | | | | | | | | | | | | | | | | |
| <i>[Millions of pounds]</i> | | | | | | | | | | | | | | | | |
| Fiber production, qtrly: | | | | | | | | | | | | | | | | |
| Cellulosic filament yarn | 213.2 | 219.8 | 52.6 | | | 60.5 | | | 54.7 | | | 52.0 | | | | |
| Rayon staple, including tow | 273.3 | 275.1 | 66.6 | | | 70.5 | | | 68.4 | | | 69.6 | | | | |
| Noncellulosic, except textile glass: | | | | | | | | | | | | | | | | |
| Yarn and monofilaments | 4,282.3 | 4,448.8 | 1,064.0 | | | 1,119.8 | | | 1,135.3 | | | 1,129.7 | | | | |
| Staple, incl. tow | 3,984.1 | 4,123.9 | 1,008.7 | | | 1,045.5 | | | 1,026.6 | | | 1,043.1 | | | | |
| Textile glass fiber | | | | | | | | | | | | | | | | |
| Fiber stocks, producers', end of period: | | | | | | | | | | | | | | | | |
| Cellulosic filament yarn | 10.4 | 12.2 | 10.9 | | | 12.2 | | | 13.1 | | | 12.2 | | | | |
| Rayon staple, including tow | 27.0 | 34.5 | 26.9 | | | 33.4 | | | 29.8 | | | 34.5 | | | | |
| Noncellulosic fiber, except textile glass: | | | | | | | | | | | | | | | | |
| Yarn and monofilaments | 351.1 | 309.3 | 342.4 | | | 310.8 | | | 316.0 | | | 309.3 | | | | |
| Staple, incl. tow | 333.7 | 333.3 | 321.2 | | | 336.2 | | | 326.4 | | | 333.3 | | | | |
| Manmade fiber and silk broadwoven fabrics: | | | | | | | | | | | | | | | | |
| Producer Price Index, gray synthetic broadwovens, 1982=100 | 115.5 | 120.9 | 120.3 | 120.9 | 121.8 | 122.0 | 122.6 | 122.0 | 121.7 | 120.8 | 119.4 | 119.9 | 119.6 | 119.0 | 118.9 | 120.0 |
| WOOL AND MANUFACTURES | | | | | | | | | | | | | | | | |
| <i>[Millions of pounds, unless otherwise specified]</i> | | | | | | | | | | | | | | | | |
| Wool consumption, mill (clean basis): | | | | | | | | | | | | | | | | |
| Apparel class | 137.2 | 139.8 | 36.4 | | | 35.1 | | | 33.6 | | | 31.1 | | | | 35.2 |
| Carpet class | 14.4 | 14.7 | 4.6 | | | 3.6 | | | 3.1 | | | 3.4 | | | | 4.9 |
| Wool imports, clean yield † | 86.5 | 89.3 | 7.3 | 10.6 | 8.8 | 6.2 | 6.9 | 5.0 | 3.9 | 5.5 | 9.1 | 7.8 | 8.7 | 8.5 | 9.3 | |
| Unimproved and other grades not finer than 46's ... | 18.2 | 23.8 | 2.0 | 2.5 | 2.4 | 2.0 | 1.9 | 1.8 | 1.7 | 1.0 | 1.9 | 2.5 | 1.5 | 1.1 | 2.6 | |
| 48's and finer | 68.2 | 65.5 | 5.3 | 8.1 | 6.5 | 4.2 | 4.9 | 3.3 | 2.1 | 4.5 | 7.1 | 5.2 | 6.9 | 7.2 | 6.1 | |
| Wool prices, raw, shorn, clean basis: | | | | | | | | | | | | | | | | |
| Domestic—Graded territory, 61's, staple 2 3/4" and up, delivered to U.S. mills, \$ per lb. | 1.58 | 1.81 | 1.95 | 1.96 | 1.99 | 1.93 | 1.88 | 1.88 | 1.88 | 1.73 | 1.55 | 1.55 | 1.45 | 1.35 | 1.20 | 1.14 |
| Australian, 64's, Type 63, duty-paid, price at Australian Wool Corp., Charleston, SC, \$ per lb. | 2.42 | 2.42 | 2.77 | 2.64 | 2.68 | 2.56 | (5) | 2.24 | 2.20 | 2.02 | 2.05 | 2.03 | 1.96 | 1.86 | 1.80 | 1.68 |
| Wool broadwoven goods, exc. felts: | | | | | | | | | | | | | | | | |
| Production (qtrly), mil. sq. yd. | 169.6 | 176.2 | 45.6 | | | 47.2 | | | 43.9 | | | 39.5 | | | | |
| FLOOR COVERINGS | | | | | | | | | | | | | | | | |
| Carpet, rugs, carpeting (woven, tufted, other), shipments, quarterly, mil. sq. yd. | 1,255.7 | 1,356.6 | 332.7 | | | 341.8 | | | 347.2 | | | 334.9 | | | | |
| APPAREL | | | | | | | | | | | | | | | | |
| <i>[Thousands, unless otherwise indicated]</i> | | | | | | | | | | | | | | | | |
| Women's, misses', juniors' apparel cuttings, qtrly: | | | | | | | | | | | | | | | | |
| Coats | 18,592 | (8) | 3,300 | | | 4,045 | | | (8) | | | (8) | | | | |
| Dresses | 159,332 | 154,578 | 44,903 | | | 40,917 | | | 35,011 | | | 33,747 | | | | |
| Suits (incl. pant suits, jumpsuits) | 11,208 | 9,732 | 2,556 | | | 2,916 | | | 2,076 | | | 2,184 | | | | |
| Skirts | 93,094 | 92,950 | 25,734 | | | 23,727 | | | 22,969 | | | 20,520 | | | | |
| Slacks, jeans, dungarees, and jean-cut casual slacks | 305,462 | 318,645 | 71,296 | | | 79,430 | | | 90,998 | | | 76,921 | | | | |
| Blouses, thou. doz. | 36,721 | 36,298 | 9,562 | | | 8,933 | | | 9,322 | | | 8,481 | | | | |

See footnotes at end of tables.

| | Annual | | 1992 | | | | | | | | | | 1993 | | | |
|--|----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 1991 | 1992 | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
| 19. TEXTILE PRODUCTS—Continued | | | | | | | | | | | | | | | | |
| APPAREL—Continued | | | | | | | | | | | | | | | | |
| <i>[Thousands, unless otherwise indicated]</i> | | | | | | | | | | | | | | | | |
| Men's apparel cuttings, qtrly: | | | | | | | | | | | | | | | | |
| Suits | 9,559 | 10,062 | 2,699 | | | 2,449 | | | 2,441 | | | 2,473 | | | | |
| Coats (separate), dress and sport | 13,854 | 13,534 | 3,603 | | | 3,213 | | | 3,618 | | | 3,100 | | | | |
| Trousers, slacks, jeans, pants, etc | 486,143 | 505,187 | 118,164 | | | 123,091 | | | 136,523 | | | 127,409 | | | | |
| Shirts, dress and sport, thous. doz. | 90,439 | 106,855 | 27,084 | | | 26,371 | | | 27,043 | | | 26,357 | | | | |
| Hosiery, shipments, thous. doz. prs. | *1 326,378 | 320,494 | *76,978 | | | 85,160 | | | 79,367 | | | 78,989 | | | | |
| 20. TRANSPORTATION EQUIPMENT | | | | | | | | | | | | | | | | |
| AEROSPACE VEHICLES | | | | | | | | | | | | | | | | |
| <i>[Millions of dollars]</i> | | | | | | | | | | | | | | | | |
| Orders, new (net), total | ³ 132,644 | | | | | | | | | | | | | | | |
| U.S. Government | ³ 66,668 | | | | | | | | | | | | | | | |
| Prime contract | ³ 129,924 | | | | | | | | | | | | | | | |
| Sales (net), receipts, or billings, total | ³ 134,578 | | | | | | | | | | | | | | | |
| U.S. Government | ³ 66,710 | | | | | | | | | | | | | | | |
| Backlog of orders, end of period # | ³ 247,597 | | | | | | | | | | | | | | | |
| U.S. Government | ³ 84,827 | | | | | | | | | | | | | | | |
| Aircraft (complete) and parts | ³ 147,551 | | | | | | | | | | | | | | | |
| Engines (aircraft) and parts | ³ 24,734 | | | | | | | | | | | | | | | |
| Missiles, space vehicle systems, engines, propulsion units, and parts | ³ 32,981 | | | | | | | | | | | | | | | |
| Other related operations (conversions, modifications), products, services | ³ 14,575 | | | | | | | | | | | | | | | |
| Aircraft (complete): | | | | | | | | | | | | | | | | |
| Shipments | | | | | | | | | | | | | | | | |
| Exports, commercial | 22,629 | 23,580 | 2,783 | 2,056 | 1,474 | 1,569 | 1,672 | 1,699 | 1,533 | 2,037 | 1,781 | 2,374 | 1,481 | | | |
| MOTOR VEHICLES (NEW) | | | | | | | | | | | | | | | | |
| <i>[Thousands, unless otherwise specified]</i> | | | | | | | | | | | | | | | | |
| Passenger cars: | | | | | | | | | | | | | | | | |
| Factory sales (from U.S. plants): | | | | | | | | | | | | | | | | |
| Total | 5,407 | 5,684 | 506 | 506 | 548 | 572 | 362 | 418 | 474 | 529 | 458 | 464 | 440 | 479 | 596 | (?) |
| Domestic | 4,874 | 5,164 | 457 | 454 | 489 | 523 | 334 | 388 | 436 | 479 | 412 | 417 | 410 | 436 | 538 | |
| Retail sales, total, not seas. adj. | 8,388 | 8,384 | 735 | 729 | 747 | 838 | 749 | 660 | 688 | 709 | 615 | 677 | 575 | 606 | 749 | * 783 |
| Domestics \$ | 6,137 | 6,277 | 541 | 546 | 565 | 635 | 573 | 483 | 516 | 537 | 465 | 502 | 436 | 466 | 582 | 607 |
| Imports \$ | 2,251 | 2,109 | 194 | 183 | 182 | 203 | 176 | 177 | 173 | 172 | 150 | 176 | 139 | 140 | 168 | * 176 |
| Total, seas. adj. at annual rate, millions | | | 8.3 | 8.2 | 8.4 | 8.9 | 8.3 | 8.0 | 8.3 | 8.3 | 8.2 | 8.7 | 8.6 | 8.0 | 8.3 | * 8.9 |
| Domestics, millions \$ | | | 6.0 | 6.0 | 6.3 | 6.7 | 6.4 | 6.0 | 6.3 | 6.3 | 6.2 | 6.7 | 6.6 | 6.0 | 6.3 | 6.8 |
| Imports, millions \$ | | | 2.3 | 2.2 | 2.1 | 2.2 | 1.9 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.9 | * 2.1 |
| Retail inventories, domestics, end of period: \$ | | | | | | | | | | | | | | | | |
| Not seasonally adjusted | 1,283 | 1,276 | 1,303 | 1,422 | 1,345 | 1,341 | 1,151 | 1,166 | 1,243 | 1,215 | 1,249 | 1,276 | 1,300 | 1,396 | 1,491 | 1,483 |
| Seasonally adjusted | 1,301 | 1,381 | 1,256 | 1,303 | 1,335 | 1,326 | 1,350 | 1,423 | 1,379 | 1,342 | 1,346 | 1,381 | * 1,379 | * 1,488 | * 1,565 | 1,595 |
| Inventory-retail sales ratio, domestics | 2.5 | 2.6 | 2.5 | 2.6 | 2.6 | 2.4 | 2.5 | 2.9 | 2.6 | 2.6 | 2.5 | 2.5 | * 2.5 | * 3.0 | * 3.0 | 2.8 |
| Exports (Bureau of Census), total | | | | | | | | | | | | | | | | |
| To Canada | | | | | | | | | | | | | | | | |
| Imports (ITC), complete units | 3,736.5 | 3,574.7 | 314.8 | 310.4 | 293.1 | 290.4 | 260.4 | 257.0 | 289.0 | 324.3 | 325.8 | 326.7 | 268.6 | 308.5 | | |
| From Canada, total | 1,196.0 | 1,200.4 | 109.3 | 115.1 | 111.3 | 122.1 | 71.6 | 82.4 | 102.7 | 99.2 | 98.2 | 103.2 | 86.9 | 110.6 | | |
| Registrations 0, total new vehicles | 8,234 | 8,054 | 665 | 693 | 692 | 837 | 754 | 611 | 711 | 642 | 593 | 639 | 618 | 548 | 654 | |
| Imports, including domestically sponsored | 3,295 | * 3,105 | * 254 | 260 | 257 | 312 | 287 | 261 | 293 | 249 | 221 | 237 | 233 | 197 | 225 | |
| Trucks and buses: | | | | | | | | | | | | | | | | |
| Factory sales (from U.S. plants): | | | | | | | | | | | | | | | | |
| Total | 3,375 | 4,042 | 376 | 349 | 365 | 368 | 232 | 330 | 344 | 411 | 352 | 364 | 342 | 381 | 467 | (?) |
| Domestic | 3,038 | 3,683 | 342 | 317 | 331 | 334 | 212 | 306 | 319 | 373 | 317 | 323 | 321 | 350 | 428 | |
| Retail sales: | | | | | | | | | | | | | | | | |
| Total, not seasonally adjusted * | 4,156.0 | 4,737.5 | 395.2 | 417.4 | 424.4 | 459.3 | 410.4 | 406.8 | 408.4 | 424.3 | 374.8 | 394.7 | 341.8 | 371.6 | * 481.5 | 491.4 |
| 0-10,000 lbs. GVW, domestics | 3,594.6 | 4,232.7 | 348.3 | 370.8 | 381.0 | 415.9 | 365.4 | 366.8 | 367.3 | 379.9 | 338.3 | 351.4 | 306.9 | 333.2 | * 433.1 | 444.7 |
| 0-10,000 lbs. GVW, imports * | 319.2 | 229.9 | 23.0 | 21.0 | 21.3 | 19.4 | 20.8 | 17.7 | 17.4 | 17.6 | 16.0 | 18.1 | 14.8 | 16.5 | 18.9 | 16.7 |
| 10,001 lbs. GVW and over † | 242.2 | 274.7 | 23.0 | 25.7 | 22.1 | 23.9 | 24.2 | 22.2 | 23.7 | 26.8 | 20.5 | 25.2 | 20.1 | 21.9 | * 29.5 | 30.0 |
| Total, seasonally adjusted * | | | 370.5 | 381.8 | 397.5 | 411.9 | 368.2 | 405.8 | 399.3 | 457.8 | 424.3 | 405.1 | 422.5 | 429.3 | * 429.3 | 468.6 |
| 0-10,000 lbs. GVW, domestics | | | 326.8 | 337.4 | 355.0 | 370.7 | 326.7 | 368.6 | 348.4 | 415.1 | 381.3 | 363.8 | 380.3 | 383.9 | * 384.8 | 424.7 |
| 0-10,000 lbs. GVW, imports * | | | 22.0 | 21.2 | 20.4 | 19.0 | 19.1 | 14.5 | 17.2 | 17.4 | 18.7 | 17.5 | 18.5 | 20.3 | 17.6 | 16.5 |
| 10,001 lbs. GVW and over † | | | 21.7 | 23.1 | 22.1 | 22.2 | 22.4 | 22.7 | 23.7 | 25.3 | 24.2 | 23.9 | 23.7 | 25.1 | * 26.9 | 27.4 |
| Retail inventories, domestics, end of period: | | | | | | | | | | | | | | | | |
| Not seasonally adjusted | 985.5 | 1,086.5 | 1,166.6 | 1,166.7 | 1,169.5 | 1,140.1 | 1,000.6 | 994.6 | 996.0 | 1,047.1 | 1,081.0 | 1,086.5 | 1,154.9 | 1,237.9 | 1,304.3 | 1,276.6 |
| Seasonally adjusted @ | 1,008.5 | 1,111.3 | 1,120.6 | 1,142.8 | 1,126.1 | 1,090.4 | 1,073.5 | 1,067.4 | 1,058.2 | 1,046.4 | 1,046.5 | 1,111.3 | 1,138.1 | 1,210.0 | 1,253.9 | 1,253.7 |
| Exports (BuCensus) | | | | | | | | | | | | | | | | |
| Imports (BuCensus), including separate chassis and bodies | | | | | | | | | | | | | | | | |
| Registrations 0, new vehicles, excluding buses not produced on truck chassis | 4,345 | 4,796 | 373 | 406 | 412 | 432 | 436 | 389 | 446 | 392 | 384 | 407 | 385 | 353 | 434 | |
| Truck trailers and chassis, complete (excludes detachables), shipments, number | 122,477 | 173,157 | 14,011 | 14,645 | 15,174 | 16,060 | 13,731 | 15,887 | 15,684 | 16,373 | 13,491 | 12,815 | | | | |
| Van type, number | 84,626 | 135,684 | 10,594 | 11,140 | 11,859 | 12,468 | 10,423 | 12,467 | 12,262 | 13,197 | 10,684 | 11,342 | | | | |
| Trailer bodies (detachable), sold separately, number .. | (?) | | | | | | | | | | | | | | | |
| Trailer chassis (detachable), sold separately, number .. | 24,491 | 22,799 | 2,425 | 1,967 | 1,836 | 1,729 | 1,423 | 1,429 | 1,644 | 1,436 | 1,724 | 2,221 | | | | |
| RAILROAD EQUIPMENT | | | | | | | | | | | | | | | | |
| <i>[Number, unless otherwise specified]</i> | | | | | | | | | | | | | | | | |
| Freight cars (new), for domestic use; all railroads and private car lines (excludes rebuilt and export cars): | | | | | | | | | | | | | | | | |
| Shipments | 24,674 | 25,761 | 4,660 | | | 5,952 | | | 7,509 | | | 7,630 | | | | |
| Equipment manufacturers | 24,674 | 25,761 | 4,660 | | | 5,952 | | | 7,509 | | | 7,630 | | | | |
| New orders | 22,682 | 31,181 | 8,421 | | | 8,354 | | | 8,786 | | | 8,786 | | | | |
| Equipment manufacturers | 22,682 | 31,181 | 8,421 | | | 8,354 | | | 8,786 | | | 8,786 | | | | |
| Unfilled orders, end of period | 9,215 | 14,635 | 12,975 | | | 15,367 | | | 12,479 | | | 14,635 | | | | |
| Equipment manufacturers | 9,215 | 14,635 | 12,975 | | | 15,367 | | | 12,479 | | | 14,635 | | | | |
| Freight cars (revenue), class I railroads (AAR): ‡ | | | | | | | | | | | | | | | | |
| Number owned, end of period, thousands | | | | | | | | | | | | | | | | |
| Capacity (carrying), total, end of month, mil. tons .. | | | | | | | | | | | | | | | | |
| Average per car, tons | | | | | | | | | | | | | | | | |

See footnotes at end of tables.

FOOTNOTES FOR PAGES S-1 THROUGH S-32

General notes for all pages:

- r Revised.
- p Preliminary.
- e Estimated.
- c Corrected.
- © Copyrighted.

Page S-1

† Revised series. See Tables 2.8–2.11 in the July 1992 Survey for revised estimates for 1989–91. Also see the article on the comprehensive revision of the national income and product accounts that appears in the December 1991 issue of the Survey.

- ‡ Includes inventory valuation and capital consumption adjustments.
- § Monthly estimates equal the centered three-month average of personal saving as a percentage of the centered three-month moving average of disposable personal income.
- ◇ Effective May 1993 Survey, the industrial production indexes have been revised back to 1986, and are available upon request.

Page S-2

- 1. Based on data not seasonally adjusted.
- ◇ See note "◇" for p. S-1.
- # Includes data not shown separately.
- § Revised series. Estimates in constant 1987 dollars will soon be available back to 1967.

Page S-3

- § Revised series. Estimates in constant 1987 dollars will soon be available back to 1967.
- # Includes data for items not shown separately.
- † Effective with the July 1992 Survey, M3 data have been revised to benchmark the data to the 1989 and 1990 Annual Surveys of Manufactures, and to reflect updated seasonal factors.

Page S-4

- 1. Based on data not seasonally adjusted.
- # Includes data for items not shown separately.
- ‡ Includes textile mill products, leather and products, paper and allied products, and printing and publishing industries; unfilled orders for other nondurable goods industries are zero.
- ◇ For these industries (food and kindred products, tobacco, apparel and other textile products, petroleum and coal, chemicals and allied products, and rubber and plastics products) sales are considered equal to new orders.
- † See note "†" for p. S-3.

Page S-5

- 1. Based on data not seasonally adjusted.
- @ Compiled by Dun & Bradstreet, Inc.
- # Includes data for items not shown separately.
- § Ratio of prices received to prices paid (parity index).
- ‡ See note "‡" for p. S-4.
- † In the Feb. and July issues of the Survey each year, data for the most recent six to eight years are subject to revise and are available upon request.
- †† See note "†" for p. S-3.

Page S-6

- 1. Based on data not seasonally adjusted.
- § For producer price indexes of individual commodities, see respective commodities in the Industry section beginning p. S-19. All indexes subject to revision four months after original publication.
- # Includes data for items not shown separately.
- ‡ Effective with the Feb. 1993 Survey, data have been revised back to Jan. 1988 and are available upon request.

Page S-7

- 1. Computed from cumulative valuation total.
- 2. Index as May 1, 1993: building, 454.6; construction, 489.9.
- ‡ Effective July 1992 Survey, data have been revised back to 1987. Effective July 1991 Survey, data were revised back to 1986. Effective July 1990 Survey, data were revised back to 1985. Revised data are available from the Construction Statistics Division at the Bureau of the Census, Washington, DC 20233.
- # Includes data for items not shown separately.
- § Data for Mar., May, Aug., and Nov. 1990, and Jan., May, Aug., and Oct. 1991 are for five weeks; other months four weeks.

* The fixed-weighted price index is a weighted average of the individual price index series used to deflate the Value of New Construction Put in Place (VIP) series. In calculating the index, the weights (the composition of current dollar VIP in 1987 by category of construction) are held constant. Consequently, the index reflects only changes in prices. The implicit price deflator is a derived ratio of total current to constant dollar VIP (multiplied by 100). It is the average of the individual price indexes used in the deflation of VIP, but the prices are weighted by the composition of VIP each period. As a result, the implicit price deflator reflects not only changes in prices, but also changes in the composition of VIP, and its use as a measure of price change is discouraged. Effective July 1992 Survey, data have been revised back to 1989.

Address requests for data to:

Business Statistics Branch
Business Outlook Division (BE-52)
Bureau of Economic Analysis
U. S. Department of Commerce
Washington, DC 20230

§§ Effective March 1992 Survey, the Construction Contracts Valuation Index has a new base year of 1987. Data have been revised back to 1983 and are available upon request.

◇ Written permission was granted by the owner of the copyright, American Appraisal Associates, Inc., P.O. Box 664, Milwaukee, Wisconsin 53201-0664 prior to its reproduction in this publication.

Page S-8

- 1. Advance estimate.
- 2. Beginning with Feb. 1989 data, associations in conservatorship are excluded.
- ◇ Home mortgage rates are under money and interest rates on p. S-14.
- § Data include guaranteed direct loans sold.
- # Includes data for items not shown separately.
- @ Data are for closed mortgage loans of thrift institutions insured by the Savings Association Insurance Fund (SAIF)—FSLIC-insured institutions prior to Sept. 1989.
- † Effective April 1993 Survey, estimates of wholesale sales have been revised back to January 1987 and wholesale inventories have been revised back to January 1988. Revised data and a summary of changes appear in the report *Combined Annual and Revised Monthly Wholesale Trade, January 1986 Through December 1992, BW/92-RV*, available from the Bureau of the Census, Washington, DC 20233.
- ‡ Effective March 1993 Survey, retail trade data have been revised. Estimates of retail sales have been revised back to January 1987 and inventories have been revised back to January 1988. Revised data and a summary of changes appear in the report *Combined Annual and Revised Monthly Retail Trade, January 1983 Through December 1992, BR/92-RV*, available from the Bureau of the Census, Washington, DC 20233.

Page S-9

- 1. Advance estimate.
- # Includes data for items not shown separately.
- ◇ Effective with the Jan. 1993 Survey, the seasonally adjusted labor force series have been revised back to Jan. 1988. The Jan. 1993 issue of *Employment and Earnings* contains the new seasonal adjustment factors, a description of the current methodology, and revised data for the most recent 13 months or calendar quarters. Revised monthly data for the 1988–92 revision period will appear in the Feb. 1993 issue of *Employment and Earnings*.
- † The participation rate is the percent of the civilian noninstitutional population in the civilian labor force. The employment-population ratio is civilian employment as a percent of the civilian noninstitutional population, 16 years and over.
- @ Data include resident armed forces.
- ‡ See note "‡" for p. S-8.

Page S-10

- ◇ See note "◇" for p. S-9.
- ‡ The unemployment rates are the number of unemployed in each group as a percent of the civilian labor force in that group.
- § Effective with June 1992 Survey, data have been revised, back to April 1990, unadjusted, and back to Jan. 1987, seasonally adjusted, to reflect new benchmarks and seasonal adjustment factors. The June 1992 issue of *Employment and Earnings* contains a detailed description of the effects of these revisions. All of the revised historical series are published in a special supplement to *Employment and Earnings*. This supplement, when combined with the historical bulletin, *Employment, Hours, and Earnings, United States, 1909–90* comprises the full historical series on national data obtained from the establishment survey.

Page S-11

- § See note "§" for p. S-10.
- ‡ This series is not seasonally adjusted because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.
- ◇ Production and nonsupervisory workers.

Page S-12

- § See note "§" for p. S-10.
- ◇ Production and nonsupervisory workers.
- ‡ Earnings in 1982 dollars reflect changes in purchasing power since 1982 by dividing by Consumer Price Index. Effective Feb. 1993 issue of the Survey, this series has been revised back to 1988 to reflect new seasonal factors for the CPI-W. Revised data are available upon request.
- §§ Wages as of May 1, 1993: Common, \$19.81; Skilled, \$25.89.
- † Excludes farm, household, and Federal workers.

Page S-13

1. Effective Feb. 28, 1989, there was a break in the series due to the enlargement of the panel of reporting dealers to 17 and of reporting direct issuers to 36. End of month figures on the old basis are as follows: All issuers, 481,734; financial companies, 373,717; dealer placed, 172,330; directly placed, 201,387; and nonfinancial companies, 108,017.

2. Average for Dec.

Includes data for items not shown separately.

§ Excludes loans and federal funds transactions with domestic commercial banks and includes valuation reserves (individual loan items are shown gross; i.e., before deduction of valuation reserves).

† Covers the 50 States and the District of Columbia. Puerto Rico and the Virgin Islands are excluded effective with Mar. 1993 SURVEY. Data in earlier SURVEYS incorrectly included both. Only regular benefits are included.

@ Average weekly insured unemployment for 12-month period divided by average monthly covered employment (lagging 4 full quarters for annual figure and 2 full quarters for monthly figure).

Page S-14

1. Data are for fiscal years ending Sept. 30 and may include revisions not distributed to the months.

2. Weighted by number of loans.

3. The consumer installment credit series have been revised. See note "+" for this page. Outstanding loans for mobile homes are included with other credit.

4. Beginning Sept. 1991, the Federal debt series are net of premium and discount.

§ Effective June 1992 SURVEY, data have been revised to reflect new benchmark and seasonal adjustments and are available from the Banking and Money Market Statistics Section of the Division of Monetary Affairs at the Federal Reserve Board, Washington, DC 20551.

Includes data for items not shown separately.

◇ Excludes loans to commercial banks in the U.S.

‡ Rates on the commercial paper placed for firms whose bond rating is Aa or the equivalent.

‡‡ Courtesy of *Metals Week*.

@ Average effective rate

† Effective May 1993 SURVEY, the consumer installment credit series have been revised back to 1989 to incorporate new information and updated seasonal adjustment factors. These revisions are available from the Mortgage and Consumer Finance Section, Mail Stop 93 at the Federal Reserve Board, Washington, DC 20551.

Page S-15

1. Money market deposit accounts are included with savings deposits.

‡‡ Includes ATS and NOW balances at all depository institutions, credit union share draft balances, and demand deposits at thrift institutions.

◇ Overnight (and continuing contract) RPs are those issued by commercial banks to the nonbank public, and overnight Eurodollars are those issued by Caribbean branches of member banks to U.S. nonbank customers.

@ Small time deposits are those issued in amounts of less than \$100,000. Large time deposits are those issued in amounts of \$100,000 or more and are net of the holdings of domestic banks, thrift institutions, the U.S. Government, money market mutual funds, and foreign banks and official institutions.

Includes data for items not shown separately.

Page S-16

1. Beginning with Jan. 1992 data, the data include the republics of the former USSR, excluding Estonia, Latvia, and Lithuania.

@ Data may not equal the sum of the geographic regions, or commodity groups and principal commodities, because the revisions to the totals are not reflected in the component items.

§ Number of issues represents number currently used; the change in number does not affect the continuity of the series.

† For bonds due or callable in 10 years or more.

Includes data for items not shown separately.

◇ The March through August 1991 issues of the SURVEY showed month-end yields for 1991 rather than monthly averages.

Page S-17

1. See note "1" for p. S-16.

@ See note "@" for p. S-16.

Includes data not shown separately.

◇ Data include undocumented exports to Canada, which are based on official Canadian import totals.

Page S-18

1. Reported annual total; quarterly or monthly revisions are not available.

2. For month shown.

@ Effective with the March 1993 SURVEY, the export and import price indexes are on a 1990=100 base. Beginning with indexes for Jan. 1993, 1990 trade weights are used.

Includes data for items not shown separately.

§ Total revenues, expenses, and income for all groups of carriers also reflect nonscheduled service.

‡ The threshold for Class I railroad status is adjusted annually by the Interstate Commerce Commission to compensate for inflation.

◇ Average daily rent per room occupied, not scheduled rates.

Data represent entries to a national park for recreational use of the park, its services, conveniences, and/or facilities.

† Before extraordinary and prior period items.

Page S-19

1. Reported annual total; monthly or quarterly revisions are not available.

2. Figure suppressed because it did not meet Census publication standards.

3. Data are partially estimated for first three quarters of 1991 and are not available. Value for 4th quarter 1991 is based on partially estimated production data. Data for 1992 were not published because they would have disclosed individual company operations.

4. Data withheld to avoid disclosing figures for individual companies.

Includes data for items not shown separately.

§ Data are reported on the basis of 100 percent content of the specified material unless otherwise indicated.

◇ Data for 1991 are reported quarterly.

Page S-20

1. Reported annual total; monthly or quarterly revisions are not available.

2. Quarterly data are no longer available.

§ Data are not wholly comparable from year to year because of changes in classification.

@ Includes less than 500 electric generation customers not shown separately.

Page S-21

1. Previous year's crop. New crop is not reported until Sept. (crop year: Sept. 1–Aug. 31).

2. Crop estimate for the year.

3. Stocks as of June 1.

4. Stocks as of June 1 and represents previous year's crop; new crop not reported until June (beginning of new crop year).

5. Stock estimates are available once a year as June 1 stocks and shown here in the May column and (as previous year's crop) in the annual column.

6. Stocks as of Dec. 1.

§ Excludes pearl barley.

@ Quarterly data represent the 3-month periods Dec.–Feb., Mar.–May, June–Aug., and Sept.–Nov. Annual data represent Dec.–Nov.

† Coverage for 21 selected States, representing approximately 85 percent of U.S. production.

Page S-22

§ Cases of 30 dozen.

* Series first shown in the Jan. 1991 SURVEY.

Page S-23

1. Crop estimate for the year.

2. Reported annual total; revisions not distributed to the months.

3. Effective with January 1993 SURVEY, data have been revised back to 1990, and are available upon request.

Totals include data for items not shown separately.

Page S-24

1. Reported annual total; monthly revisions are not available.

Page S-25

1. Reported annual total; monthly revisions are not available.

2. For month shown.

@ Includes domestic and foreign ores.

§ Source: *Metals Week*.

Page S-26

1. Reported annual total; monthly revisions are not available.

2. Less than 50 tons.

3. Break in comparability beginning Jan. 1, 1991, because of a change in the *Metals Week* pricing series for zinc.

4. Monthly data not available for 1990 and 1991.

◇ Includes secondary smelters' lead stocks in refinery shapes and in copper-base scrap.

‡ Source for monthly data: American Bureau of Metal Statistics. Source for annual data: Bureau of Mines.

Includes data not shown separately.

@@ Price represents North American Mean.

Page S-27

1. Annual total includes revisions not distributed to the months or quarters.

Includes data for items not shown separately.

§ Includes nonmarketable catalyst coke.

◇ Includes small amounts of "other hydrocarbons and alcohol new supply (field production)," not shown separately.

‡‡ March, June, September and December are five-week months. All others consist of four weeks.

Page S-28

1. Reported annual total; revisions not allocated to the months.

2. Beginning May 1991, the leaded gasoline price is not statistically valid for publication.

Includes data for items not shown separately.

Page S-29

1. Reported annual total; revisions not allocated to the months.

2. Series has been discontinued.

◇ Source: American Paper Institute. Total U.S. estimated consumption by all newspaper users.

Compiled by the American Newspaper Publishers Association.

Page S-30

1. Reported annual total; revisions not allocated to the months.
 2. Figure suppressed because it did not meet Census publication standards.
 3. Data cover five weeks; other months, four weeks.
 4. Beginning Jan. 1989, sales of industrial plasters are included with building plasters.
 5. Total for crop year, 1990/1991.
 6. Average for calendar year 1992.
- # Includes data for items not shown separately.
 ◇ Cumulative ginnings to the end of month indicated.
 § Bales of 480 lbs.

Page S-31

1. Annual total includes revisions not distributed to the months.
 2. Weighted average for crop year, Aug. 1–Jul. 31.
 3. Spot market average for crop year, Aug. 1–Jul. 31.
 4. For five weeks; other months four weeks.
 5. No price because the Australian market was shut down for the month of July.
 6. Weighted average for Aug. 1992–Feb. 1993.
 7. Based on the average of Aug. 1992–Mar. 1993.
 8. Data withheld to avoid disclosing figures for individual companies.
- ◇ Based on 480-lb. bales, preliminary price reflects sales as of the 15th; revised price reflects total quantity purchased and dollars paid for the entire month (revised price includes discounts and premiums).
 § Bales of 480 lbs.

† The total may include some miscellaneous wool imports.

Page S-32

1. Annual total includes revisions not distributed to the months.
 2. Production of new vehicles (thous. of units) for Apr. 1993: *passenger cars*, 539; *trucks and buses*, 417.
 3. Data are reported on an annual basis only.
 4. Beginning in 1992, data are available only on a quarterly basis.
 5. Beginning Jan. 1989, shipments of trailer bodies are included with trailer chassis to avoid disclosure of data from individual firms.
 6. Effective with the Dec. 1991 Survey, data have been revised back to 1988 and are available upon request.
 7. Data withheld to avoid disclosing figures for individual companies.
- # Total includes backlog for nonrelated products and services and basic research.
 § Domestic cars comprise all cars assembled in the U.S. and cars assembled in Canada and imported to the U.S. under the provisions of the Automotive Products Trade Act of 1965. Imports comprise all other cars.
 ◇ Courtesy of R.L. Polk & Co.; republication prohibited. Because data for some States are not available, month-to-month comparisons are not strictly valid.
 * Effective with the July 1992 Survey, seasonally adjusted retail sales for trucks and buses have been revised back to 1989, and are available upon request.
 † Includes some imported trucks over 10,000 lbs. GVW.
 ‡ Excludes railroad-owned private refrigerator cars and private line cars.
 @ Effective with the Mar. 1993 Survey, seasonally adjusted retail inventories for trucks and buses have been revised back to 1966, and are available upon request.

INDEX TO CURRENT BUSINESS STATISTICS

| Sections | |
|---|------------------------------|
| General: | |
| Business indicators | 1-5 |
| Commodity prices | 5, 6 |
| Construction and real estate | 7, 8 |
| Domestic trade | 8, 9 |
| Labor force, employment, and earnings | 9-13 |
| Finance | 13-16 |
| Foreign trade of the United States | 16-18 |
| Transportation and communication | 18, 19 |
| Industry: | |
| Chemicals and allied products | 19, 20 |
| Electric power and gas | 20 |
| Food and kindred products: tobacco | 20-23 |
| Leather and products | 23 |
| Lumber and products | 23, 24 |
| Metals and manufactures | 24-27 |
| Petroleum, coal, and products | 27, 28 |
| Pulp, paper, and paper products | 28, 29 |
| Rubber and rubber products | 29 |
| Stone, clay, and glass products | 30 |
| Textile products | 30-32 |
| Transportation equipment | 32 |
| Footnotes | 33-35 |
| Individual Series | |
| Advertising | 8, 12 |
| Aerospace vehicles | 32 |
| Agricultural loans | 13 |
| Air carrier operations | 18 |
| Air conditioners (room) | 27 |
| Aircraft and parts | 4, 5, 32 |
| Alcohol, denatured and ethyl | 19 |
| Alcoholic beverages | 8, 20 |
| Aluminum | 25 |
| Apparel | 2, 4-6, 8-12, 31, 32 |
| Asphalt | 28 |
| Automobiles, etc. | 2-4, 6, 8, 9, 14, 15, 17, 32 |
| Banking | 13, 14 |
| Barley | 21 |
| Battery shipments | 27 |
| Beef and veal | 22 |
| Beverages | 8, 17, 20 |
| Blast furnaces, steel mills | 3-5 |
| Bonds, issued, prices, sales yields | 15, 16 |
| Brass and bronze | 26 |
| Brick | 30 |
| Building and construction materials | 2, 4, 5 |
| Building costs | 7 |
| Building permits | 7 |
| Business incorporation (new), failures | 5 |
| Business sales and inventories | 2, 3 |
| Butter | 21 |
| Carpets | 31 |
| Cattle and calves | 22 |
| Cement | 30 |
| Chain-store sales, firms with 11 or more stores | 9 |
| Cheese | 21 |
| Chemicals | 2-4, 10-12, 15, 17, 19, 20 |
| Cigarettes and cigars | 23 |
| Clay products | 2-4, 30 |
| Clothing (see apparel) | |
| Coal | 2, 27 |
| Cocoa | 22 |
| Coffee | 22 |
| Coke | 27 |
| Combustion, atmosphere, heating equipment | 26 |
| Communication | 15, 19 |
| Construction: | |
| Contracts | 7 |
| Costs | 7 |
| Employment, unemployment, hours, earnings | 10-12 |
| Housing starts | 7 |
| New construction put in place | 7 |
| Consumer credit | 14 |
| Consumer goods output, index | 1, 2 |
| Consumer Price Index | 5, 6 |
| Copper and copper products | 25, 26 |
| Corn | 21 |
| Cost of living (see Consumer Price Index) | 5, 6 |
| Cotton, raw and manufactures | 5, 30, 31 |
| Credit, commercial bank, consumer | 14 |
| Crops | 5, 21-23, 30 |
| Crude oil | 3, 27 |
| Currency in circulation | 15 |
| Dairy products | 5, 21 |
| Debt, U.S. Government | 14 |
| Deflator, PCE | 1 |
| Department stores, sales, inventories | 9 |
| Deposits, bank | 13, 15 |
| Dishwashers and disposers | 27 |
| Disposition of personal income | 1 |
| Distilled spirits | 20 |
| Dividend payments | 1, 15 |
| Drugstores, sales | 8, 9 |
| Earnings, weekly and hourly | 12 |
| Eating and drinking places | 8, 9 |
| Eggs and poultry | 5, 22 |
| Electric power | 2, 20 |
| Electrical machinery and equipment | 2-5, 10-12, 15, 27 |
| Employee-hours, aggregate, and indexes | 11 |
| Employment and employment cost | 10-12 |
| Exports (see also individual commodities) | 16-18 |
| Failures, industrial and commercial | 5 |
| Farm prices | 5, 6 |
| Fats and oils | 17 |
| Federal Government finance | 14 |
| Federal Reserve System | 13 |
| Federal Reserve member banks | 13 |
| Fertilizers | 19 |
| Fish | 22 |
| Flooring, hardwood | 22 |
| Flour, wheat | 22 |
| Fluid power products | 26 |
| Food products | 2-6, 8, 10-12, 15, 17, 20-23 |
| Foreign trade (see also individual commodities) | 16-18 |
| Freight cars (equipment) | 32 |
| Fruits and vegetables | 5 |
| Fuel oil | 6, 28 |
| Fuels | 2, 6, 17, 27, 28 |
| Furnaces | 27 |
| Furniture | 2, 6, 8-12 |
| Gas, output, prices, sales, revenues | 2, 6, 20 |
| Gasoline | 28 |
| Glass and products | 30 |
| Glycerin | 19 |
| Gold | 14 |
| Grains and products | 5, 21, 22 |
| Grocery stores | 9 |
| Gypsum and products | 30 |
| Hardware stores | 8 |
| Heating equipment | 26 |
| Help-wanted advertising index | 12 |
| Hides and skins | 6 |
| Hogs | 22 |
| Home loan banks, outstanding advances | 8 |
| Home mortgages | 8 |
| Hotels, motor hotels, and economy hotels | 18 |
| Hours, average weekly | 11 |
| Household furnishings | 2, 4-6, 8, 9 |
| Household appliances, radios, and television sets | 27 |
| Housing starts and permits | 7 |
| Imports (see also individual commodities) | 17, 18 |
| Income, personal | 1 |
| Income and employment tax receipts | 14 |
| Industrial production indexes: | |
| By industry | 1, 2 |
| By market grouping | 1, 2 |
| Installment credit | 14 |
| Instruments and related products | 2-4, 10-12 |
| Interest and money rates | 14 |
| Inventories, manufacturers' and trade | 3, 4, 8, 9 |
| Inventory-sales ratios | 3 |
| Iron and steel | 2, 15, 24, 25 |
| Labor force | 9, 10 |
| Lamb and mutton | 22 |
| Lead | 26 |
| Leather and products | 2, 6, 10-12, 23 |
| Livestock | 5, 22 |
| Loans, real estate, agricultural, bank (see also Consumer credit) | 8, 13 |
| Lubricants | 28 |
| Lumber and products | 2, 6, 10-12, 23, 24 |
| Machine tools | 26 |
| Machinery | 2-6, 10-12, 15, 17, 26, 27 |
| Manufacturers' sales (or shipments), inventories, orders | 3-5 |
| Manufacturing employment, unemployment, production workers, hours, earnings | 10-12 |
| Manufacturing production indexes | 1, 2 |
| Meat animals and meats | 5, 22 |
| Medical care | 6 |
| Metals | 2-6, 10-12, 15, 24-26 |
| Milk | 21 |
| Mining | 2, 10-12 |
| Mobile homes, shipments, installment credit | 7, 14 |
| Monetary statistics | 15 |
| Money and interest rates | 14 |
| Money supply | 15 |
| Mortgage applications, loans, rates | 8, 13, 14 |
| Motor carriers | 18 |
| Motor vehicles | 2-4, 6, 8, 9, 15, 17, 32 |
| National parks, visits | 18 |
| Newsprint | 29 |
| New York Stock Exchange, selected data | 16 |
| Nonferrous metals | 2, 4, 5, 15, 25, 26 |
| Oats | 21 |
| Oils and fats | 17 |
| Orders, new and unfilled, manufacturers | 4, 5 |
| Outlays, U.S. Government | 14 |
| Paint and paint materials | 20 |
| Paper and products and pulp | 2-4, 6, 10-12, 15, 28, 29 |
| Parity ratio | 5 |
| Passenger cars | 2-4, 6, 8, 9, 15, 17, 32 |
| Passports issued | 18 |
| Personal consumption expenditures | 1 |
| Personal income | 1 |
| Personal outlays | 1 |
| Petroleum and products | 2-4, 10-12, 15, 17, 27, 28 |
| Pig iron | 24 |
| Plastics and resin materials | 20 |
| Population | 9 |
| Pork | 22 |
| Poultry and eggs | 5, 22 |
| Price deflator, implicit (PCE) | 1 |
| Prices (see also individual commodities) | 5, 6 |
| Printing and publishing | 2, 10-12 |
| Private sector employment, hours, earnings | 10-12 |
| Producer Price Indexes (see also individual commodities) | 6 |
| Profits, corporate | 15 |
| Public utilities | 1, 2, 7, 15, 16, 20 |
| Pulp and pulpwood | 28 |
| Purchasing power of the dollar | 6 |
| Radio and television | 8, 27 |
| Railroads | 12, 16, 18, 32 |
| Ranges and microwave ovens | 27 |
| Rayon and acetate | 31 |
| Real estate | 8, 13 |
| Receipts, U.S. Government | 14 |
| Refrigerators | 27 |
| Registrations (new vehicles) | 32 |
| Rent (housing) | 6 |
| Retail trade | 2, 3, 5, 8-12, 14, 32 |
| Rice | 21 |
| Rubber and products (incl. plastics) | 2-4, 6, 10-12, 29 |
| Saving, personal | 1 |
| Savings deposits | 13 |
| Savings institutions | 8, 14 |
| Securities issued | 15 |
| Security markets | 15, 16 |
| Services | 6, 10-12 |
| Sheep and lambs | 22 |
| Shoes and other footwear | 23 |
| Silver | 14 |
| Spindle activity, cotton | 31 |
| Steel and steel manufactures | 24, 25 |
| Stock market customer financing | 15 |
| Stock prices, yields, sales, etc. | 16 |
| Stone, clay, glass products | 2-4, 10-12, 15, 30 |
| Sugar | 23 |
| Sulfur | 19 |
| Sulfuric acid | 19 |
| Superphosphate | 19 |
| Synthetic textile products | 31 |
| Tea imports | 23 |
| Telephone carriers | 19 |
| Television and radio | 27 |
| Textiles and products | 2-4, 10-12, 15, 30-32 |
| Tin | 26 |
| Tires and inner tubes | 29 |
| Tobacco and manufactures | 2-4, 10-12, 23 |
| Tractors | 2, 3, 5, 8-12, 32 |
| Trade (retail and wholesale) | 2, 3, 5, 8-12, 32 |
| Transit lines, urban | 18 |
| Transportation | 6, 10-12, 15, 16, 18 |
| Transportation equipment | 2-6, 10-12, 15, 17, 32 |
| Travel | 18 |
| Truck trailers | 32 |
| Trucks | 2, 32 |
| Unemployment and insurance | 9, 10, 13 |
| U.S. Government bonds | 16 |
| U.S. Government finance | 14 |
| Utilities | 2, 6, 7, 15, 16, 20 |
| Vacuum cleaners | 27 |
| Variety stores | 9 |
| Vegetables and fruits | 5 |
| Wages and salaries | 1, 12 |
| Washers and dryers | 27 |
| Water heaters | 27 |
| Wheat and wheat flour | 21, 22 |
| Wholesale trade | 2, 3, 5, 8, 10-12 |
| Wood pulp | 28 |
| Wool and wool manufactures | 31 |
| Zinc | 26 |

BEA INFORMATION

BEA's economic information is available in publications, on computer tapes, on diskettes, and through a variety of other products and services. Most of these are described in *A User's Guide to BEA Information*. For a copy, send a self-addressed stamped envelope (8 1/2 by 11 inches, with 75 cents postage) to Public Information Office, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230.

Recent Publications from GPO

ORDER FROM: Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954. Payment may be by check (made payable to Superintendent of Documents) or charged to a GPO deposit account number, VISA, or MasterCard. Phone (202) 783-3238 or fax (202) 512-2250.

Business Statistics, 1963-91. (1992) Provides monthly or quarterly data for 1988-91 and annual data for 1963-91 for the more than 1,900 series that appear in the S-pages (blue pages) of the SURVEY OF CURRENT BUSINESS. Contains definitions of terms, sources of data, and methods of compilation for these series. Also includes quarterly and annual data for 1960-91 for selected series from BEA's national income and product accounts and U.S. international transactions accounts. 344 pp. \$20.00 (GPO STOCK NO. 003-010-00229-8).

National Income and Product Accounts of the United States. (1992-93) Two volumes. Presents the full set of national income and product accounts (NIPA) estimates for 1929-88 that resulted from the most recent comprehensive, or benchmark, revision. Text describes the statistical conventions used in the NIPA's and the definitions and classifications underlying the accounts.

Vol. 1: 1929-58. 264 pp. \$15.00 (GPO STOCK NO. 003-010-00236-1).

Vol. 2: 1959-88. 424 pp. \$25.00 (GPO STOCK NO. 003-010-00231-0).

NIPA Methodology Paper No. 6: Personal Consumption Expenditures. (1990) Presents the conceptual basis and framework of personal consumption expenditures in the national income and product accounts. Describes the presentation of the estimates and the sources and methods used to prepare them. 92 pp. \$4.50 (GPO STOCK NO. 003-010-00200-0).

Fixed Reproducible Tangible Wealth in the United States, 1925-89. (1993) Contains annual estimates of the stock of privately owned and government-owned durable equipment and structures and of durable goods owned by consumers in the United States for 1925-89. Estimates are for fixed nonresidential private capital by major industry group, for residential capital by tenure group, for government-owned fixed capital by type of government, and for 11 types of durable goods owned by consumers. 460 pp. \$25.00. (GPO STOCK NO. 003-010-00235-2).

The 1982 Benchmark Input-Output Accounts of the United States. (1991) Presents tables for 541 industries/commodities showing the production of commodities (goods and services) by each industry, the use of commodities by each industry, the commodity composition of GNP, and the industry distribution of value added. Prepared primarily on the basis of data collected in the 1982 Economic Censuses. 368 pp. \$19.00 (GPO STOCK NO. 003-010-00226-3).

BEA Regional Projections to 2040. (1990) Three volumes. Presents regional projections for selected economic and population variables for 1995, 2000, 2005, 2010, 2020, and 2040. Includes projections for employment and earnings by industry and for personal income, as well as a statement of methodology.

Vol. 1: States. Out of print at GPO. Call BEA at (202) 523-0971 for availability.

Vol. 2: Metropolitan Statistical Areas. 352 pp. \$17.00 (GPO STOCK NO. 003-010-00211-5).

Vol. 3: BEA Economic Areas. 200 pp. \$10.00 (GPO STOCK NO. 003-010-00212-3).

Regional Multipliers: A User Handbook for the Regional Input-Output Modeling System (RIMS II). (1992) Presents updated tables of regional input-output (I-O) multipliers by industry, for output, earnings, and employment, for all States and the District of Columbia. Multipliers are shown on a direct-effect and a final-demand basis. Explains how to obtain multipliers for over 500 industries for any geographic area composed of one or more U.S. counties or county equivalents. Includes case studies. 124 pp. \$13.00 (GPO STOCK NO. 003-010-00227-1).

The Balance of Payments of the United States: Concepts, Data Sources, and Estimating Procedures. (1990) Describes in detail the methodology used in constructing the balance of payments estimates for the United States. Explains underlying principles, and describes the presentation of the estimates. Includes a comprehensive list of data sources. 160 pp. \$8.50 (GPO STOCK NO. 003-010-00204-2).

Foreign Direct Investment in the United States: Operations of U.S. Affiliates of Foreign Companies. (1992) Two publications containing results for 1989 and 1990 from BEA's annual survey covering the financial structure and operations of nonbank U.S. affiliates of foreign direct investors. Data are classified by industry of U.S. affiliate, by country and industry of ultimate beneficial owner, and, for selected data, by State. 92 pp. \$5.50 each. **Preliminary 1990 Estimates:** GPO STOCK NO. 003-010-00233-6; **Revised 1989 Estimates:** GPO STOCK NO. 003-010-00232-8.

Foreign Direct Investment in the United States: 1987 Benchmark Survey, Final Results. (1990) Contains information for 1987 on the financial structure and operations of U.S. affiliates of foreign direct investors, on the foreign direct investment position in the United States, and on balance of payments transactions between U.S. affiliates and their foreign parents. Data are classified by industry of affiliate, by country and industry of ultimate beneficial owner or foreign parent, and, for selected data, by State. Also contains a complete methodology and copies of survey forms and instructions. 284 pp. \$14.00 (GPO STOCK NO. 003-010-00210-7).

Foreign Direct Investment in the United States: Establishment Data for 1987. (1992) A joint effort by BEA and the Bureau of the Census, this publication provides new data on operations of U.S. affiliates of foreign direct investors in much greater industry detail than has been available in the past. Over 800 4-digit SIC industries are covered. Presents the number, employment, payroll, and shipments or sales of the establishments. Data are disaggregated by industry, by State, and by country of ultimate beneficial owner. 696 pp. \$36.00 (GPO STOCK NO. 003-010-00228-0).

U.S. Direct Investment Abroad: 1989 Benchmark Survey, Final Results. (1992) Presents final results of the latest benchmark survey of the worldwide operations of U.S. multinational companies. Contains detailed 1989 data on the financial structure and overall operations of U.S. parent companies and their foreign affiliates in 263 tables organized by industry of parent or by country and industry of affiliate. Also contains a complete methodology and copies of survey forms and instructions. 448 pp. \$25.00 (GPO STOCK NO. 003-010-00234-4).

U.S. Direct Investment Abroad: Operations of U.S. Parent Companies and Their Foreign Affiliates, Preliminary 1990 Estimates. (1992) Presents preliminary results of BEA's 1990 annual survey of the worldwide operations of U.S. multinational companies. Contains information on the financial structure and operations of U.S. parent companies and their foreign affiliates. Data are classified by country and industry of affiliate and by industry of U.S. parent. 100 pp. \$6.00 (GPO STOCK NO. 003-010-00230-1).

UNITED STATES
 GOVERNMENT PRINTING OFFICE
 SUPERINTENDENT OF DOCUMENTS
 WASHINGTON, DC 20402

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE, \$300



SECOND CLASS MAIL

POSTAGE AND FEES PAID
 U.S. GOVERNMENT PRINTING OFFICE

USPS PUB. No. 337-790

Schedule of Upcoming BEA News Releases

| <i>Subject</i> | <i>Release Date</i> |
|--|---------------------|
| Summary of International Transactions, 1st quarter 1993..... | June 15 |
| Gross Domestic Product, 1st quarter 1993 (final)..... | * June 23 |
| Corporate Profits, 1st quarter 1993 (revised)..... | * June 23 |
| Personal Income and Outlays, May 1993..... | * June 24 |
| Composite Indexes of Leading, Coincident, and Lagging Indicators, May 1993..... | * June 29 |
| State Personal Income, 1st quarter 1993..... | July 22 |
| Gross Domestic Product, 2d quarter 1993 (advance)..... | July 29 |
| Personal Income and Outlays, June 1993..... | July 30 |
| Composite Indexes of Leading, Coincident, and Lagging Indicators, June 1993..... | Aug. 3 |
| Merchandise Trade (balance of payments basis), 2d quarter 1993..... | Aug. 30 |
| Gross Domestic Product, 2nd quarter 1993 (preliminary)..... | * Aug. 31 |
| Corporate Profits, 2nd quarter 1993 (preliminary)..... | * Aug. 31 |
| Personal Income and Outlays, July 1993..... | * Sept. 1 |
| Composite Indexes of Leading, Coincident, and Lagging Indicators, July 1993..... | Sept. 3 |
| Summary of International Transactions, 2d quarter 1993..... | Sept. 14 |
| Gross Domestic Product, 2d quarter 1993 (final)..... | Sept. 29 |
| Corporate Profits, 2d quarter 1993 (revised)..... | Sept. 29 |
| Personal Income and Outlays, August 1993..... | Sept. 30 |

* Date changed; see the box on page 10.

For information, call (202) 523-0777, Bureau of Economic Analysis, U.S. Department of Commerce.